

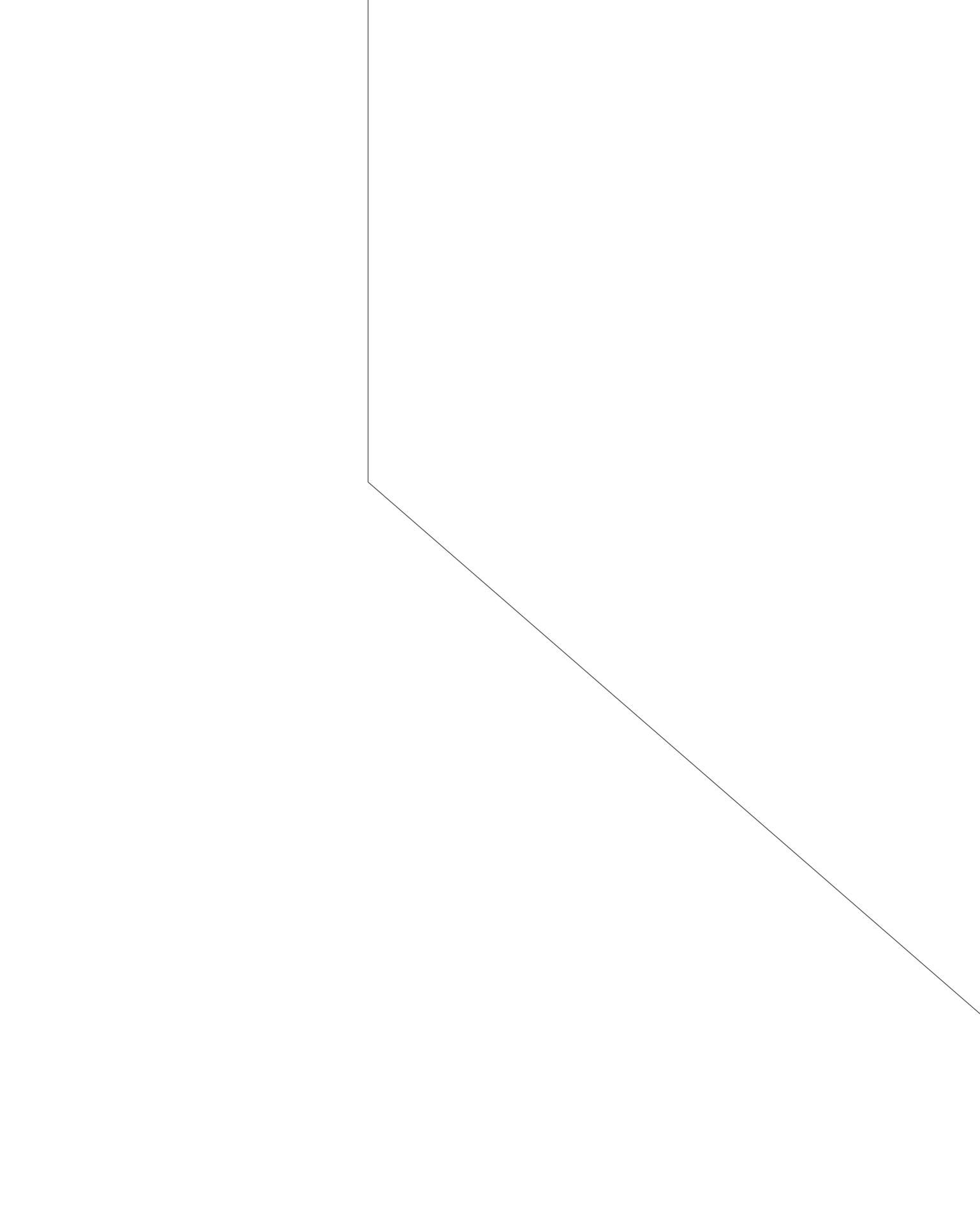


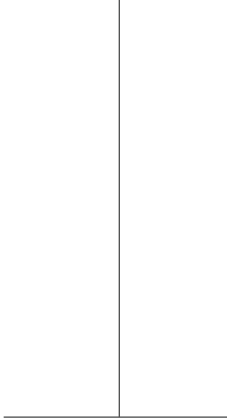
VOL I

PRO EXTERIORS

FUTURA
PARTNERS BEYOND LIGHT







*At Futura, when we think light we think promise.
A promise to light up dreams into masterpieces,
to Inspire boundless vision and to build
partnerships that go beyond.*

*We design for the present and think for the
future as we orchestrate poetry in spaces that
are larger than life and filled with authentic
novelty. Through design, technology, innovation
and research we are committed to delivering
cutting-edge lighting solutions that bring out
the best in every space.*

partners beyond light...





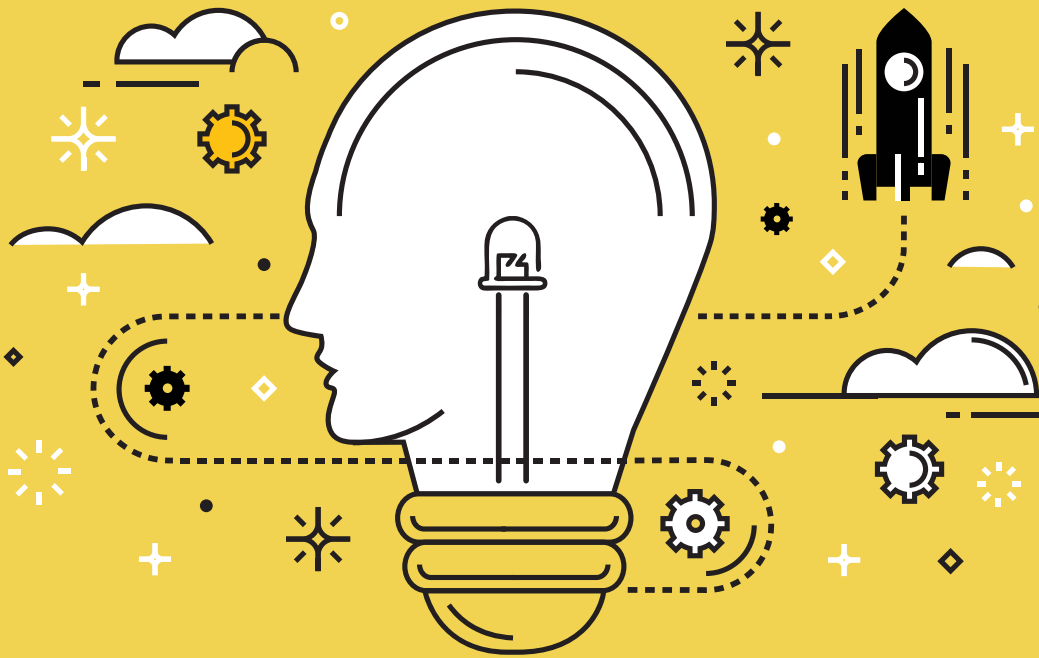
With over a decade of rich experience in architectural lighting FUTURA is an established entity in the lighting industry. Our quest is to enhance the inspiration of architects, interior and lighting designers with the best in its class lighting products. We have invested in the areas of product development to enhance product design and technical excellence to bring out a vast range to suit every need.

Our in house R&D, Test and Measurement facilities gives added confidence to our customers. We have enhanced our service capabilities to include professional technical support and a modern warehouse. Albeit investing in technology we have also invested in people be it our dealers or channel partners who are dedicated lighting professionals.

Our products are chosen responsibly for their aesthetic appeal keeping in mind the energy efficiency and our commitment towards environmental impact.

WELCOME TO FUTURA your PARTNERS BEYOND LIGHT.....

● ABOUT US



● TECHNOLOGY

A product is sum total of its components. A quality product has quality components. LED's are constantly evolving. We make it a policy to be abreast of the latest in the lighting technology not only in the engineering aspect but also play a large part in the creative aspect. We pride ourselves in our in-house design, development, testing and engineering of every product. This enables us to produce new models at a regular basis. We source our raw materials globally for its quality and efficacy.

In the constantly evolving world of lighting our approach is no different. We love the challenge of exploring new vistas in the lighting arena. More often we collaborate with our end users understanding their exact requirement and delivering their aspirations 100%. We do this not only as our commitment but with a deep sense of passion. We have been appreciated for the prudent use of technology and material.

We have to the delight of our clients an in-house team of professional lighting designers who have in their arsenal the state of the art tools and software for virtual rendering of the projects. This has been a boon to the users who can virtually visualise their project taking shape. We always rise up to the challenges facing our client to deliver a perfect solution and remain your PARTNERS BEYOND LIGHT....

LED

LED is a semiconductor that emits light. It has specific characteristics that are defined by the materials used and the method of manufacture. Unlike other sources of light this is a point source which affords myriad options in secondary optics. It is this phenomena that allows a designer plenty of delight to create unlimited models for the users to choose.

However, a lighting product has to adhere to strict design considerations where apart from aesthetics, technical parameters such as thermal management, electrical parameters and optical efficiency are paramount.

FUTURA is proud of its **QUALITY ASSURANCE** policy. Every product undergoes strict quality control procedures. This is a process that we follow from the design stage to the final manufacturing.



Even though LED is a revolutionary light source in terms of energy efficiency and application versatility it holds certain fundamental characteristics inherent in its genetics. These aspects rule the longevity and quality of the LED. The most important ones are binning, lumen degradation, thermal management, risk factor and flicker.

BINNING

Just like fingerprints no two LED's are the same in terms of light quality. This varies the light output and the colour temperature. To keep a tight tolerance of the output the manufacturers sort LED's of similar characteristic in separate "bin". This gives the term "binning" and allows even matching of LED's. This ensures even output across all the fittings. We take utmost care to use "binned" LED's in our products.

MACADAM STEP

Every human eye perceives colour differently. The scientists have arrived at a method to standardise it and have codified it in the CIE1931 Standard. This system measures the fine perceptions of the human eye to colour differences. Simply put, the MACADAM Steps 1-3 in the colour chart is a preferred choice where the eye cannot perceive any major colour shift making the output homogenous. We take utmost care to source our LED's within this range.

RISK FACTOR

Thankfully LED's do not emit any hazardous light that affect our skin unless specifically manufactured for particular wavelengths. However, LED do pose a risk called the BLUE LIGHT HAZARD wherein exposure to direct viewing of the light source affects the retina of the viewer. This is caused by the high peak in the blue spectrum of the emitter. All of our fittings obviate this by the inherent optical design using reflectors, lenses and diffusers.

LUMEN DEGRADATION

All LED have a lumen output degradation over time. Scientists are researching this phenomena and are working hard to understand the underlying causes. Efficient thermal management is one of the keys that caters to a more stable output. Today LED manufacturers have vastly improved the Lumen Maintenance for a longer period of time which can run over 25,000 hours before any discernable output anomaly is detected. The industry standard for this is the LM80.

THE WHAT AND WHY OF THE TECHNICAL SPECIFICATION OF LED LUMINAIRES

The technical specifications of a LED luminaires is a useful tool for engineers, designers and architects to enable them to visualise the light and electrical characteristics. This catalogue has been designed with optimal technical inputs to enable designers apply the parameters for maximum benefit.

MODEL NAME

This allows the user to easily identify the fitting. The model name mostly signifies a series or range of fittings that complement each other. Variables in shape such as round and square, surface finishes, wattages affords flexibility for various design applications.

FIXTURE MATERIAL

Nearly all FUTURA fittings are made of aluminium die cast or aluminium machined components for a long life.

SURFACE FINISH

Utmost care is taken to present a high quality surface finish. Be it powder coating, metal polished, matte or shiny the final process does not allow chipping or tarnish.

OPTICS

High quality optical grade materials are used for all our fittings. The coatings of the reflectors are world class. Both the lens and diffuser match the best in its class component.

HEAT SINK

Every FUTURA product undergoes extensive thermal management tests during the R&D phase. The most optimum design is selected for total efficiency and aesthetics to improve the product life.

LIGHT SOURCE

FUTURA sources its LED's from the best manufacturers. Its technical superiority speaks for itself when compared to cheaper clones.

BEAM ANGLE

Full Width Half Maximum is the industry norm for the measurement of beam angle. Precision optics define the usable beam and cuts spill light to a negligible level.

CORRELATED COLOR TEMPERATURE

CCT is the go to word for every lighting designer. Our effort to use "binned" LED's for even lighting exceeds the expectation of every application output.

COLOUR RENDERING INDEX

This is a scale in percentile of the accuracy of rendering the true colour of an object when compared to a reference light source. CRI in excess of 80 is considered acceptable in the lighting industry.

PFO
SOLUTIONS

DAWN

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS	HEAT SINK	
	Aluminium Die Cast	White Powder Coating	Lens	Aluminium Die Cast	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX
	CREE	10° 10°	3000K 4000K	80+ 80+	90 lm 95 lm
					60 lm/W 63 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura	1.5W	80-270V	50/60	0.9
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION	OUTPUT VOLTAGE	OUTPUT CURRENT
	IP65	Outdoor	Recessed Down Light	37V DC	250mA
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT		
	37mm	40mm	31mm		

Dawn-FP383/384

Polar Luminous Intensity Graph

A polar graph showing the light distribution of the Dawn-FP383/384 luminaire. The graph has concentric circles representing beam angles from 0° to 120°. The light distribution is concentrated in a narrow beam, reaching approximately 10°.

Polar Luminous Intensity Graph

A polar graph showing the light distribution of the Dawn-FP383/384 luminaire. The graph has concentric circles representing beam angles from 0° to 120°. The light distribution is concentrated in a narrow beam, reaching approximately 10°.

A cross-section diagram of the Dawn-FP383/384 luminaire. It shows the internal components, including the LED light sources and the heat sink. The dimensions are indicated: a diameter of 37mm and a height of 40mm.

001

ITEM CODE



FP383 1.5W/PKW/4000K
FP384 1.5W/PKW/3000K

FUTURA

SYSTEM LUMINOUS FLUX

This is the total visible light energy from a light source measured in lumens. This is an important reference for designers to optimise the total light output for a given area.

SYSTEM EFFICIENCY

System efficacy is the general measurement of the light output against the electrical energy consumption. This is expressed by lumens per watt. This is a very important parameter for the designer to estimate the light versus electrical efficiency.

ELECTRICAL SPECIFICATION

Power Control Gear: Also known as the LED driver. This has a sophisticated design to cater for power requirements of the LED and also has built in protection circuitry for power line discrepancies.

Total Power: The power consumed by the control gear in operation.

Input Voltage: All our power control gears follow the universal input voltage range. This ranges from 80 Volts to 270 Volts AC. This is useful to overcome voltage fluctuations keeping the output constant whereby the light output does not vary.

Rated Frequency: The frequency of mains voltage in India is rated at 50Hz. All the drivers efficiently output its full power in the given range.

Power Factor: This is a ratio of the useful utilisation of output power versus the total power dissipation. It is defined as a numerical value from 0-1. A very useful parameter for the electrical engineer to work on the total system load to calculate the line losses.

Total Harmonic Distortion: This is an important design consideration for highly efficient LED drivers. In electrical parlance it is the distortion of the waveform which contains harmonics. These harmonics can cause interference in the working of other electronic systems. The lower the THD the better it is for all the electronic systems deployed.

Output Voltage: This is the DC output voltage of the driver. It is important for the designer to use this voltage to create a different electrical topography such as multiple fittings with a single driver. It can also be used to specify drivers for automation.

Output Current: This is the DC output current of the driver. It can be used for designing different electrical topography and also is an important parameter for automation drivers.

INGRESS PROTECTION

IP Rating as it is also known defines the level of sealing effectiveness of the fitting thus allowing the user to decide the application area. This is the measurement of protection for the product against liquid (water) and solid (dust, dirt etc.). For example IP20-IP40 can be used only for indoor use. Products in the IP 65-IP68 category can be used for outdoor installations. It will be prudent to mention here that water resistant is not the same as waterproof.

INSTALLATION

LED fixtures are designed for sheer functionality along with aesthetic appeal. Shoddy installation will defeat the purpose of its very existence. We recommend that the task be carried out with the help of qualified installers along with a licensed electrician.

DIMENSIONS

An engineering drawing of the product is provided for the benefit of the designer. It mentions the dimensions which will help user to calculate the space and the cut-out needed.

PHOTOMETRIC DISTRIBUTION

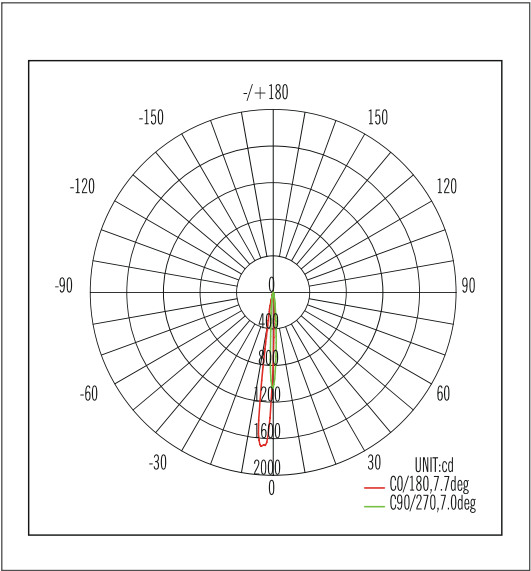
In this section we will demystify the Polar diagram and the Luminous cone specified for every lighting product.

These diagrams are a visual representation of the light output of a lighting fixture. This provides valuable information on how the light is distributed upon exiting the source. In other words, the diagram shows what kind of light distribution is expected from the lighting fixture. Again this is invaluable data for the design engineer. These diagrams are two dimensional values. Therefore, a little imagination can help in understanding the full value of the representation of data.

POLAR LUMINOUS INTENSITY GRAPH

The International System of Units (SI) measures lights in Candelas. Incidentally, this is the only SI unit measurement that is based on human perception.

The candela(cd) is the base unit of luminous intensity in the International System of Units; that is, luminous power per unit solid angle emitted by a point light source in a particular direction.

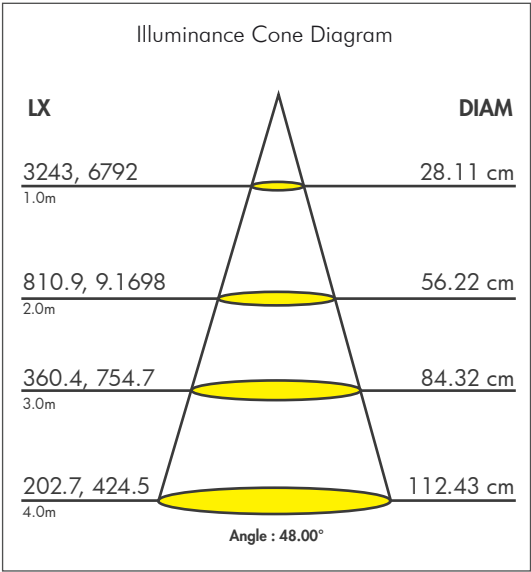


Polar Luminous Intensity Graph: This is also known as a luminous distribution curve. The diagram illustrates the distribution of luminous intensity, in candelas. This diagram tries to transpose a three-dimensional concept (the light diffusion of a lamp or fixture in a space) onto a two-dimensional medium. The curve shown provides a visual guide to the type of distribution expected from the luminaire e.g. wide, narrow, direct, indirect etc. in addition to intensity. It is expressed in Candelas per Kilo Lumens.

ILLUMINANCE CONE DIAGRAM

The lux (lx) is the SI derived unit of illuminance, measuring luminous flux per unit area.

Illuminance is a measure of how much the incident light illuminates the surface. Its measurement unit is Lux. Illuminance Cone Diagram is usually used for spotlights or lamps with reflectors, **the diagram indicates the maximum illuminance at different distances away from the lamp.**



An abstract graphic featuring a dense, flowing mass of thin, grey lines that create a sense of movement and depth. Several thicker, bright yellow lines are superimposed over the grey lines, adding a vibrant contrast. The lines appear to be part of a larger, continuous structure, possibly representing a modern architectural design or a dynamic light fixture.

OUTDOOR LIGHTING

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EXTERIOR CEILING RECESSED

INT 1



EXTERIOR CEILING SURFACE

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EXTERIOR WALL RECESSED

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EXTERIOR WALL SURFACE

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EXTERIOR FLOOR RECESSED

INT 179



EXTERIOR FLOOR SURFACE

INT 245



EXTERIOR CEILING RECESSED OVERVIEW

A yellow line graphic consisting of a horizontal segment followed by a diagonal segment extending upwards and to the right, located in the upper right area of the page.

The use of recessed lights for outdoor applications needs special attention towards its design. Inherent resistance to atmospheric elements to maintain optimal performance is the key consideration. Our outdoor recessed spotlights have been designed with these key factors so that they can perfectly integrate into the architecture.

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EXTERIOR CEILING RECESSED



DAWN
INT 3



MIRA
INT 5

DAWN

MIRA



DAWN



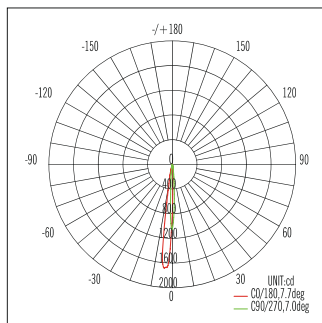
FPI383 / FPI384



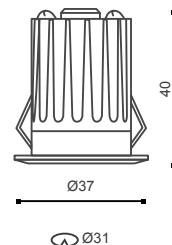
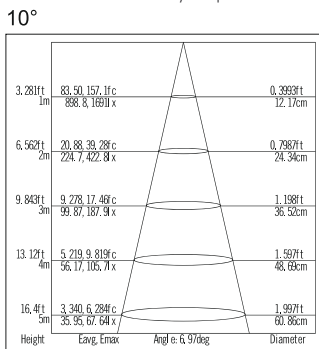
LUMINAIRE	FIXTURE	SURFACE FINISH		OPTICS	HEAT SINK		
	Aluminium Die Cast	White Powder Coating		Lens	Aluminium Die Cast		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY	
	CREE	10°	3000K	80+	90 lm	60 lm/W	
		10°	4000K	80+	95 lm	63 lm/W	
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	Futura	1.5W	90-270V	50/60 HZ	0.9	2-4V DC	320mA
APPLICATION	IP RATING	RECOMENDED USE		INSTALLATION			
	IP65	Outdoor		Recessed Down Light			
DIMENSIONS	DIA/LX8	HEIGHT		CUTOUT			
	37mm	40mm		31mm			

Dawn - FPE383/384

Polar Luminous Intensity Graph



Polar Luminous Intensity Graph



ITEM CODE

- FPI383 1.5W/PKW/4000K
- FPI384 1.5W/PKW/3000K

MIRA



FPI381 / FPI382

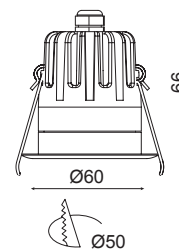
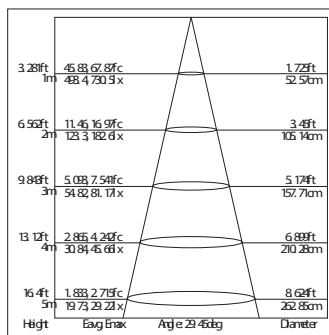
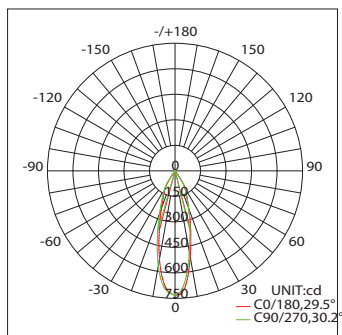


LUMINAIRE	FIXTURE	SURFACE FINISH		OPTICS	HEAT SINK		
	Alluminium Die Cast	White Powder Coating		Reflector With Glass	Aluminium Die Cast		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	EPISTAR	40°	3000K	80+	675 lm		84 lm/W
		40°	4000K	80+	720 lm		90 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	Futura	8W	90-270V	50/60 HZ	0.9	2-4VDC	350mA
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION			
	IP65	Outdoor		Recessed Mounting			
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT			
	 60mm	66mm		50mm			

Mira - FPE381/382

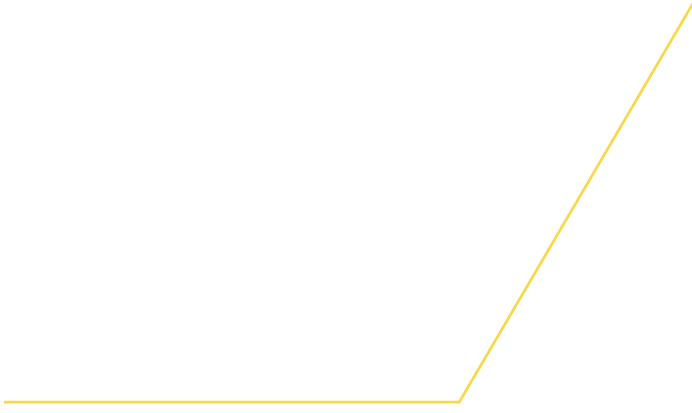
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE	☐ FPI381	8W/PKW/4000K
	☐ FPI382	8W/PKW/3000K

EXTERIOR CEILING SURFACE OVERVIEW



Outdoor ceiling surface mounted lights are continually exposed to the open environment. Every care is taken to protect the fitment from these aspects. These play an especially important role in lighting up access pathways and common areas. They are aesthetically designed to emphasize the architectural features of the building.

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EXTERIOR CEILING SURFACE



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ROCO
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ILLUMINA



FPE092



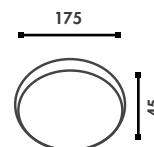
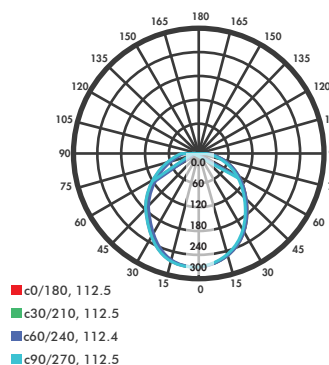
FPE093



ILLUMINA -10W

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	120°	3000K	80+	900 lm	90 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR		TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated		10W	90-270V	50/60 HZ	0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Surface Down Light		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	175mm	45mm		NA		

Illumina - FPE092
Polar Luminous Intensity Graph

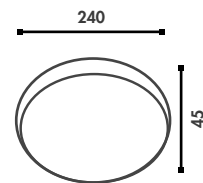
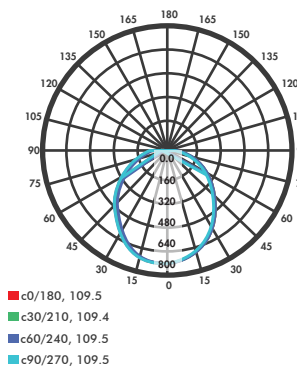


ITEM CODE ○ FPE092 10W/Grey/3000K

ILLUMINA -25W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	120°	3000K	80+	2300 lm	92 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	25W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Surface Down Light		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	240mm	45mm		NA		

Illumina -FPE093
Polar Luminous Intensity Graph



ITEM CODE ○ FPE093 25W/Grey/3000K

BOOSTER



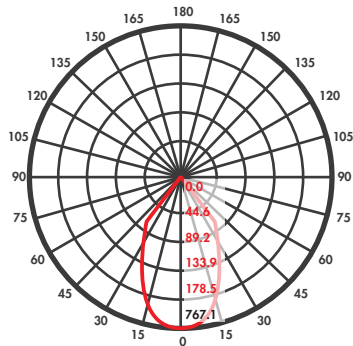
FPE073



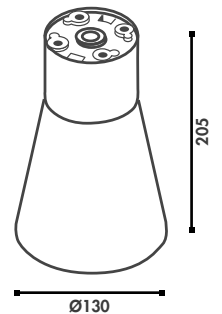
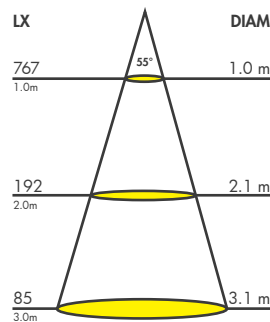
BOOSTER

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	55°	3000K	80+	633 lm	70 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Surface Down light			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	130mm	205mm	NA			

BOOSTER-9W-FPE073
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE073 9W/GREY/3000K

CARBON

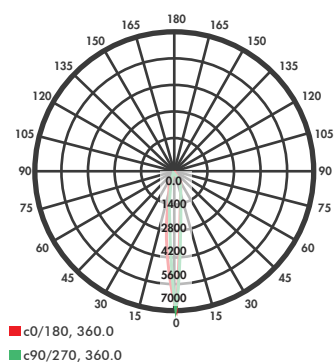


FPE019

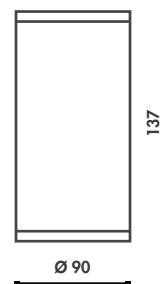
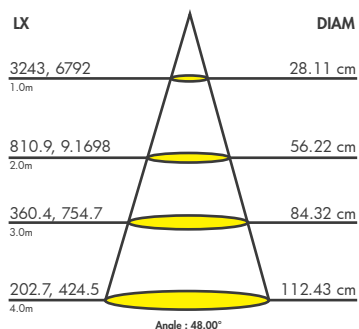


LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	48°	3000K	80+	871 lm	72 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	12W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Surface Down light			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	90mm	137mm	NA			

CARBON-12W-FPE019
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE019 12W/GREY/3000K

NAVE

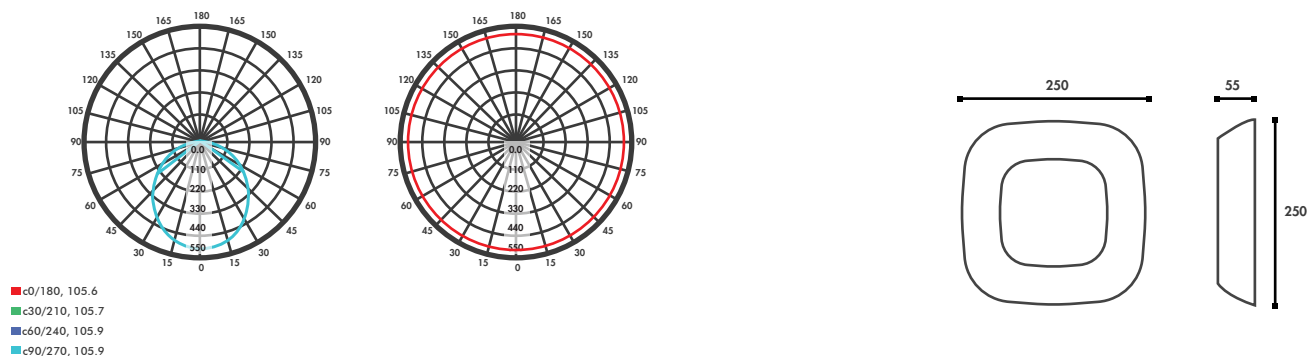


FPE720



LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	105.8°	3000K	NA	1375 lm	68 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	20W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Surface Down Light			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	250*250mm	55mm	NA			

NAVE - FPE720 /20W
Polar Luminous Intensity Graph



ITEM CODE ● FPE720 20W/GREY/3000K



ROCO



FPE1217
FPE1218

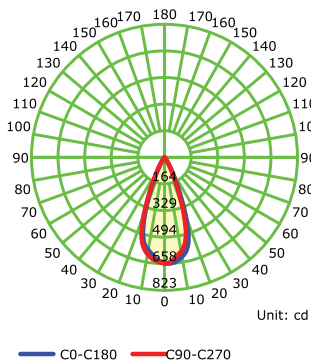


FPE1219
FPE1220

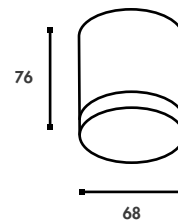
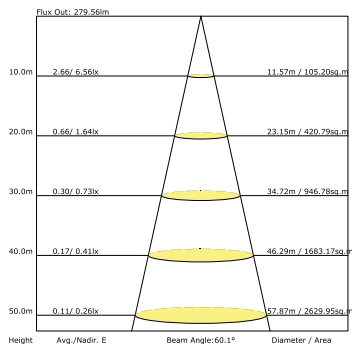


LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Black Powder Coating		Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	15°	3000K	90+	350 lm	70 lm/W
		15°	4000K	90+	380 lm	76 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER		INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	5W		90-270V	50/60 HZ	0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Surface Down Light		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	68mm	76mm		NA		

ROCO - FPE092
Polar Luminous Intensity Graph



Illuminance Cone Diagram

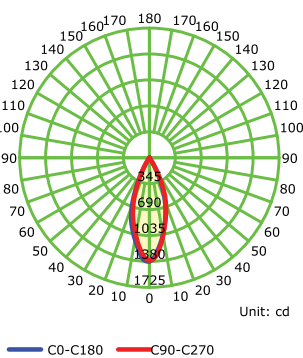


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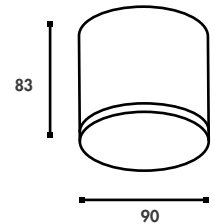
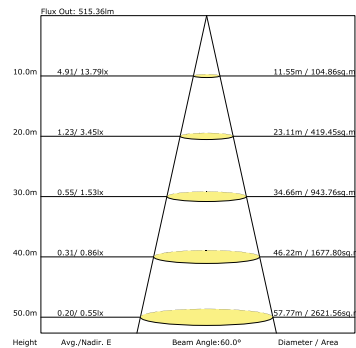
- FPE1217 5W/GREY/3000K
- FPE1218 5W/GREY/4000K

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Black Powder Coating		PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
		24°	3000K	90+	639 lm	71 lm/W
		24°	4000K	90+	693 lm	77 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Surface Down Light			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	90mm	83mm	NA			

ROCO - FPE092
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE

- FPE1219 9W/BK/3000K
- FPE1220 9W/BK/4000K

EXTERIOR WALL RECESSED OVERVIEW



Exterior wall recessed lights are used to accentuate architectural details and highlight the complete building. They can also be used to illuminate pathways and perimeter structures. A wide range of optics and effects are available to add an artistic dimension to the building.

INDEX

EXTERIOR WALL RECESSED



IMPULSE
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FLOW
INT 27



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INT 29



DORIS
INT 35



ODINO
INT 39



TONO
INT 41



MACRO
INT 43



ZERO
INT 45

IMPULSE

FLOW

HEBE

DORIS

ODINO

TONO

MACRO

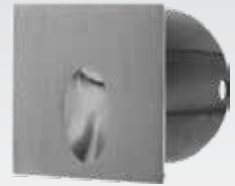
ZERO



IMPULSE



FPE047

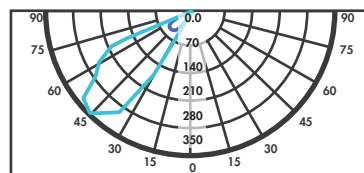


FPE048



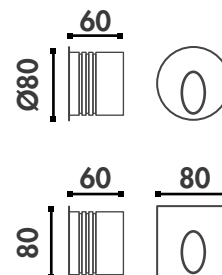
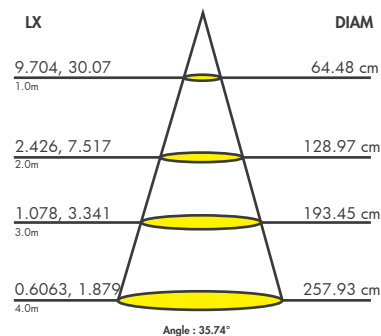
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	78°	3000K	80+	108 lm ○	36 lm/W
	CREE	78°	3000K	80+	108 lm □	36 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	○ 80mm	60mm		75*70(mm)		
	□ 80*80(mm)	60mm		75*70(mm)		

IMPULSE FPE047/048
Polar Luminous Intensity Graph



■ c0/180, 63.6
■ c30/210, 61.1
■ c60/240, 39.9
■ c90/270, 35.8

Illuminance Cone Diagram



ITEM CODE ○ FPE047 3W/SS/3000K/RD
□ FPE048 3W/SS/3000K/SQ

FLOW



FPE069



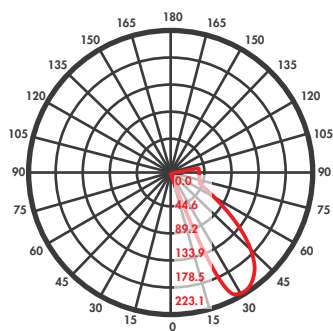
FPE070



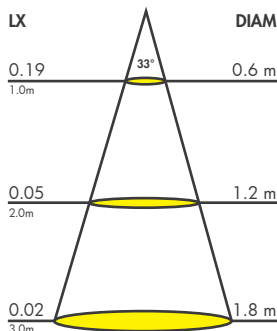
FLOW

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	33° 48°	3000K 3000K	80+ 80+	75 lm  99 lm 	20 lm/W 27 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3.6W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	 107*75(mm)	65mm	L95*B55*H58(mm)			
	 75*107(mm)	65mm	L58*B55*H95(mm)			

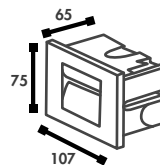
FLOW 3.6W-FPE069/FPE070
Polar Luminous Intensity Graph



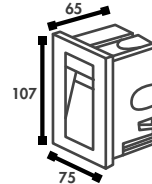
Illuminance Cone Diagram



FPE069



FPE070



ITEM CODE

- FPE069 3.6W/GREY/3000K
- FPE070 3.6W/GREY/3000K



HEBE



FPE109



FPE110



FPE111

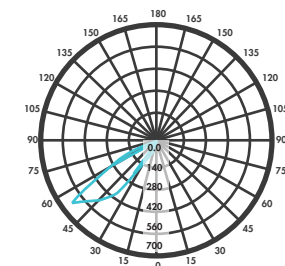


HEBE - 2W

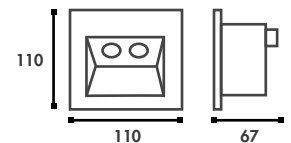
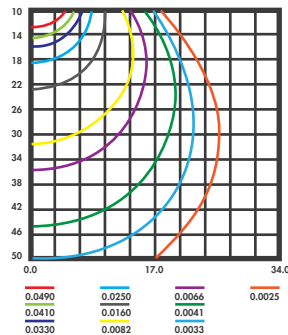
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	20°	3000K	80+	220 lm	110 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	2x1W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	110*67mm	110mm		L90*B77*H90(mm)		

Hebe - FPE109

Polar Luminous Intensity Graph



■ c0/180, 90.5
■ c30/210, 62.8
■ c60/240, 37.7
■ c90/270, 22.9

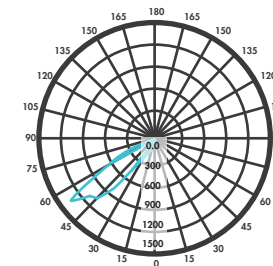


ITEM CODE ● FPE109 2W/GREY/3000K

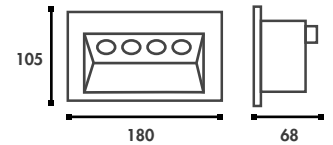
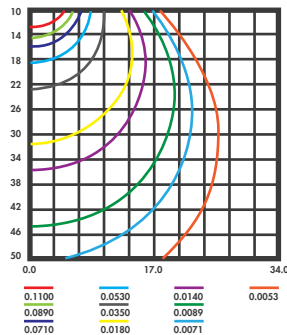
HEBE - 4W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	20°	3000K	80+	440 lm	110 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	4x1W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	180*68mm	105mm		L155*B75*H85(mm)		

Hebe - FPE110
Polar Luminous Intensity Graph



■ c0/180, 90.5
■ c30/210, 71.1
■ c60/240, 32.3
■ c90/270, 22.2



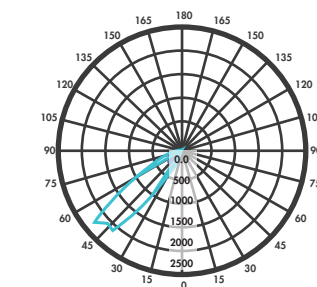
ITEM CODE ● FPE110 4W/GREY/3000K

HEBE - 6W

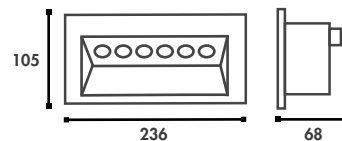
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	20°	3000K	80+	660 lm	110 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6x1W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Recessed			
DIMENSIONS	DIA/LX8	HEIGHT	CUTOUT			
	236*68mm	105mm	L210*B75*H85(mm)			

Hebe - FPE111

Polar Luminous Intensity Graph



■ c0/180, 90.4
■ c30/210, 70.5
■ c60/240, 32.6
■ c90/270, 24.9



ITEM CODE ● FPE111 6W/GREY/3000K

Hebe - 2W



Hebe - 4W



Hebe - 6W





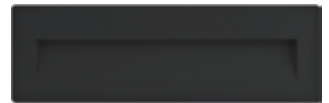
DORIS



FPE112



FPE113



FPE114

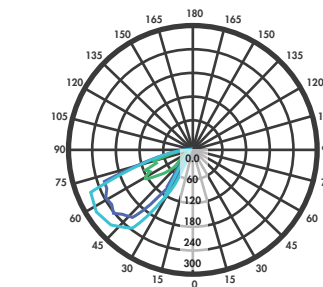


DORIS- 3W

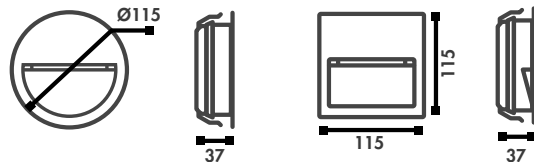
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	15°	3000K	80+	250 lm ○	83 lm/W
	EDISON	15°	3000K	80+	250 lm □	83 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	○ 115mm	37mm	DIA102*B56(mm)			
	□ 115*115(mm)	37mm	L102*B56*H102(mm)			

DORIS - FPE112 / FPE113

Polar Luminous Intensity Graph



■ c0/180, 137.1
■ c30/210, 37.2
■ c60/240, 43.2
■ c90/270, 44.1



ITEM CODE

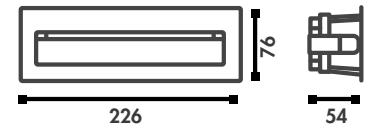
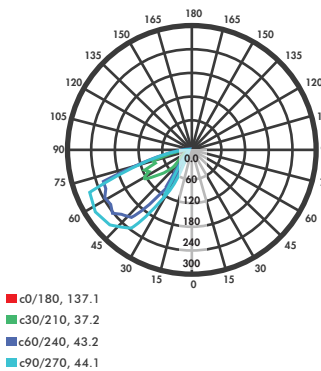
- FPE112 3W/GREY/3000K/RD
□ FPE113 3W/GREY/3000K/SQ

DORIS- 6W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	15°	3000K	80+	500 lm	83 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	6W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	226*76mm	54mm		L195*B50*H60(mm)		

DORIS - FPE114

Polar Luminous Intensity Graph



ITEM CODE ○ FPE114 6W/GREY/3000K

ODINO



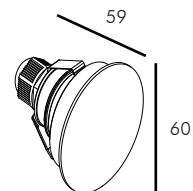
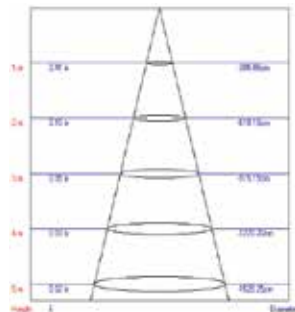
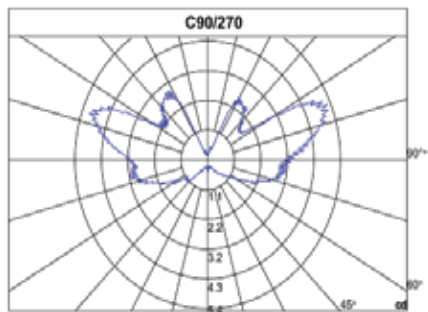
FPE1210 | FPE1211

ODINO - Wall Light

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Aluminium			Lens		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	246.5°	3000K	80+	26 lm		10 lm/W
		246.5°	Blue	80+	26 lm		10 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP65	IK06	Outdoor		Wall Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	60mm	59mm	37mm				

ODINO - FPE1210/1211
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE	FPE1210	2.4W/ALU/3000K
	FPE1211	2.4W/ALU/Blue

TONO



FPE1188

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Aluminium	Lens

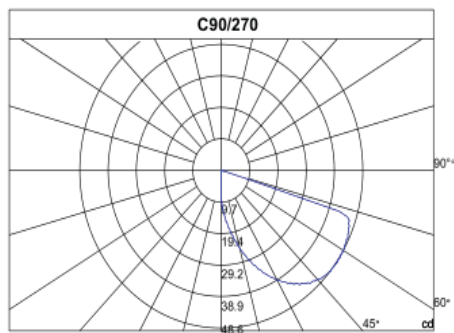
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	90°	3000K	80+	26 lm	8 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	3W	90-270V	50/60 Hz	0.9	3V DC	700mA

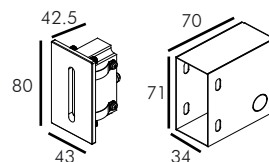
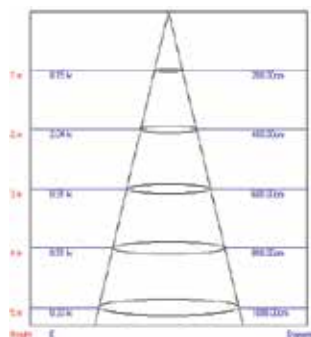
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION
	IP65	IK06	Outdoor	Wall Recessed

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	43*42.5mm	80mm	L34*B70*H71mm

TONO-3W-FPE1188
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1188 3W/ALU/3000K

MACRO

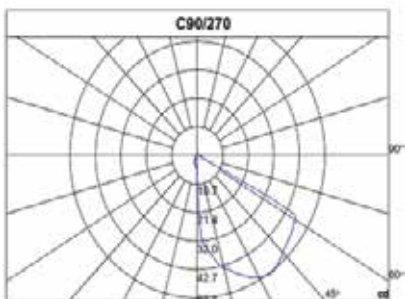


FPE1209

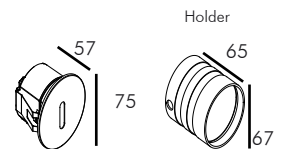
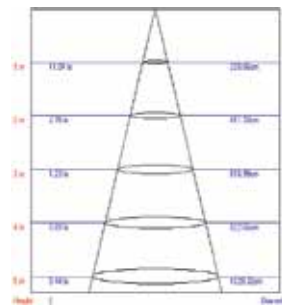
MACRO

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	91.6°	3000K	80+	38 lm	17 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER		INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	2.2W		90-270V	50/60 Hz	0.9
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION	
	IP65	IK06	Outdoor		Wall Recessed	
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	75mm	57mm		DIA67*B65mm		

MACRO FPE1209
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE1209 2.2W/Grey/3000K

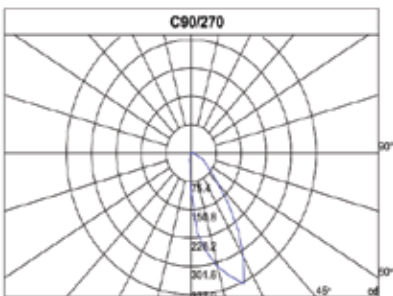
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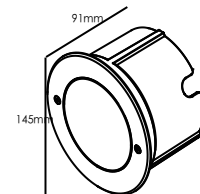
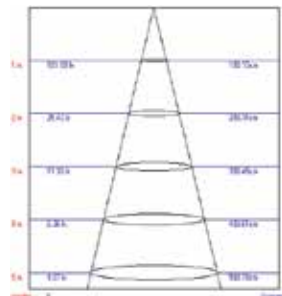
FPE1206

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			Reflector Asymmetric	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	53.2° Asymmetric	3000K	80+	263 lm	26 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura 24V DC Optional	10.3W	24V DC	NA	NA	
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION	
	IP67	IK06	Outdoor		Wall Recessed	
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	145mm	91mm	130 mm			

ZERO-10.3 FPE1206
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1206 10.3W/SS/3000K

EXTERIOR WALL SURFACE OVERVIEW

A yellow line graphic consisting of a horizontal segment followed by a diagonal segment extending upwards and to the right, located in the upper right quadrant of the page.

Exterior wall surface lights provide superior aesthetics to the exterior of the building. It provides an affordable embellishment to transform the building and add value to the view. As with all our products utmost care is taken to during manufacture for reliability and performance.

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EXTERIOR WALL SURFACE



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SABER
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INT 63



VANGAURD
INT 67



MANTLE
INT 71



SOLID
INT 75



CARBON
INT 79



MODO
INT 83



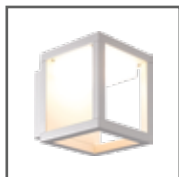
TRON
INT 87



VESTA
INT 91



CASSINI
INT 95



SHAPE
INT 97



RANGER
INT 99



WAY
INT 101



RUBIX
INT 103



POD
INT 105



STARK
INT 107



EQUAL
INT 109



JIVA
INT 111



HOODIE
INT 115



KLAXON
INT 117



LOOP
INT 121



SOLO
INT 125

ARTE
SABER
LANTERN
POLAR
VANGAURD
MANTLE
SOLID
CARBON
MODO
TRON
VESTA
CASSINI
SHAPE
RANGER
WAY
RUBIX
POD
STARK
EQUAL
JIVA
HOODIE
KLAXON
LOOP
SOLO

INDEX

EXTERIOR WALL SURFACE



STUDIO
INT 129



CURL
INT 131



BARON
INT 133



CAPSULE
INT 135



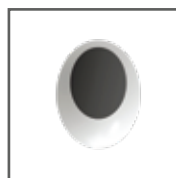
XANADU
INT 137



VALOR
INT 141



PRIME
INT 143



ORB
INT 147



STAR
INT 149



DREAM
INT 153



FRAME
INT 155



TIROS
INT 157



X-WING
INT 161



EROS
INT 165



EDITION
INT 167



TRIBE
INT 169



BRAVO
INT 171



AURA
INT 173



MODE
INT 175



ULTRA
INT 177

STUDIO
CURL
BARON
CAPSULE
XANADU
VALOR
PRIME
ORB
STAR
DREAM
FRAME
TIROS
X-WING
EROS
EDITION
TRIBE
BRAVO
AURA
MODE
ULTRA

Ingress Protection

IP

Solid

0	No protection
1	Protected against solid objects over 50mm
2	Protected against solid objects over 12.5mm
3	Protected against solid objects over 2.5mm
4	Protected against solid objects over 1.0mm
5	Limited protection against dust ingress.
6	Totally protected against dust ingress.

Liquids

0	0 No protection
1	Protected against vertically falling drops of water or ondensation.
2	Protected against falling drops of water, if the case is disposed up to 15 from vertical.
3	Protected against sprays of water from any direction, even if the case is disposed up to 60from vertical.
4	Protected against splash water from any direction.
5	Protected against low pressure water jets from any direction. Limited ingress permitted.
6	Protected against high pressure water jets from any direction. Limited ingress permitted.
7	Protected against short periods of immersion in water.
8	Protected against long, durable periods of immersion in water.
9	Protected against close-range high pressure, high temperature spray downs.

A two-digit number established by the International Electro Technical Commission, is used to provide an Ingress Protection rating to a piece of electronic equipment or to an enclosure for electronic equipment. The protection class after EN60529 are indicated by short symbols that consist of the two code letters IP and a code numeral for the amount of the protection.

Example: IP65 (NEMA 4)

The two digits represent different forms of environmental influence:

The first digit represents protection against ingress of solid objects.

The second digit represents protection against ingress of liquids.

The larger the value of each digit, the greater the protection. As an example, a product rated IP54 would be better protected against environmental factors than another similar product rated as IP42



ARTE



FPE746



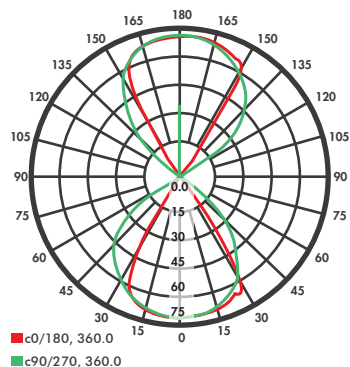
FPE747



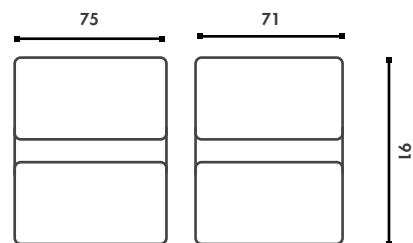
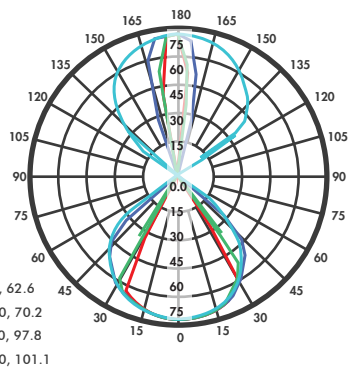
ARTE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	81° 81° 41° 81°	3000K 3000K	80+ 80+	202 lm  130 lm 	33 lm/W 21 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	2*3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	75*71mm	91mm	NA			

ARTE-2*3W-FPE746
Polar Luminous Intensity Graph

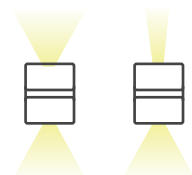


ARTE-2*3W-FPE747
Polar Luminous Intensity Graph

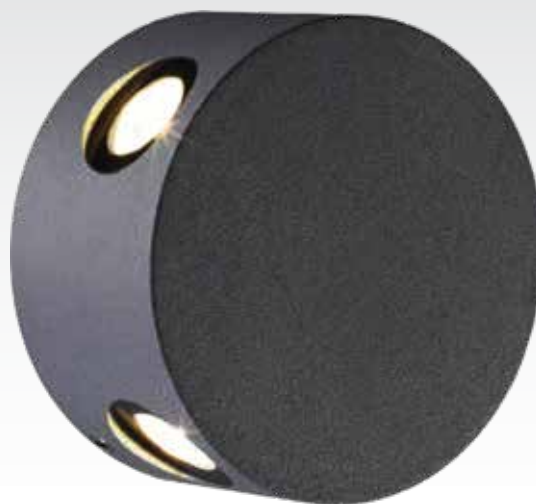


ITEM CODE

- FPE746 2*3W/GREY/3000K
- FPE747 2*3W/GREY/3000K







SABER



FPE076



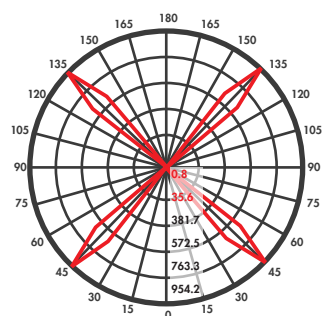
FPE077



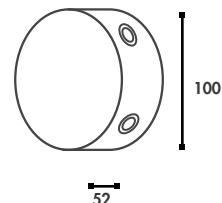
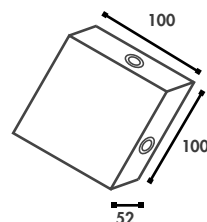
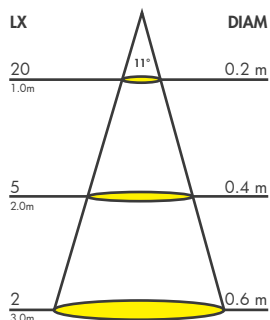
SABER

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	11°	3000K	80+	321 lm ○	80 lm/W
		11°	3000K	80+	321 lm □	80 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	4W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	○ 100mm	52mm		NA		
	□ 100*100mm	52mm		NA		

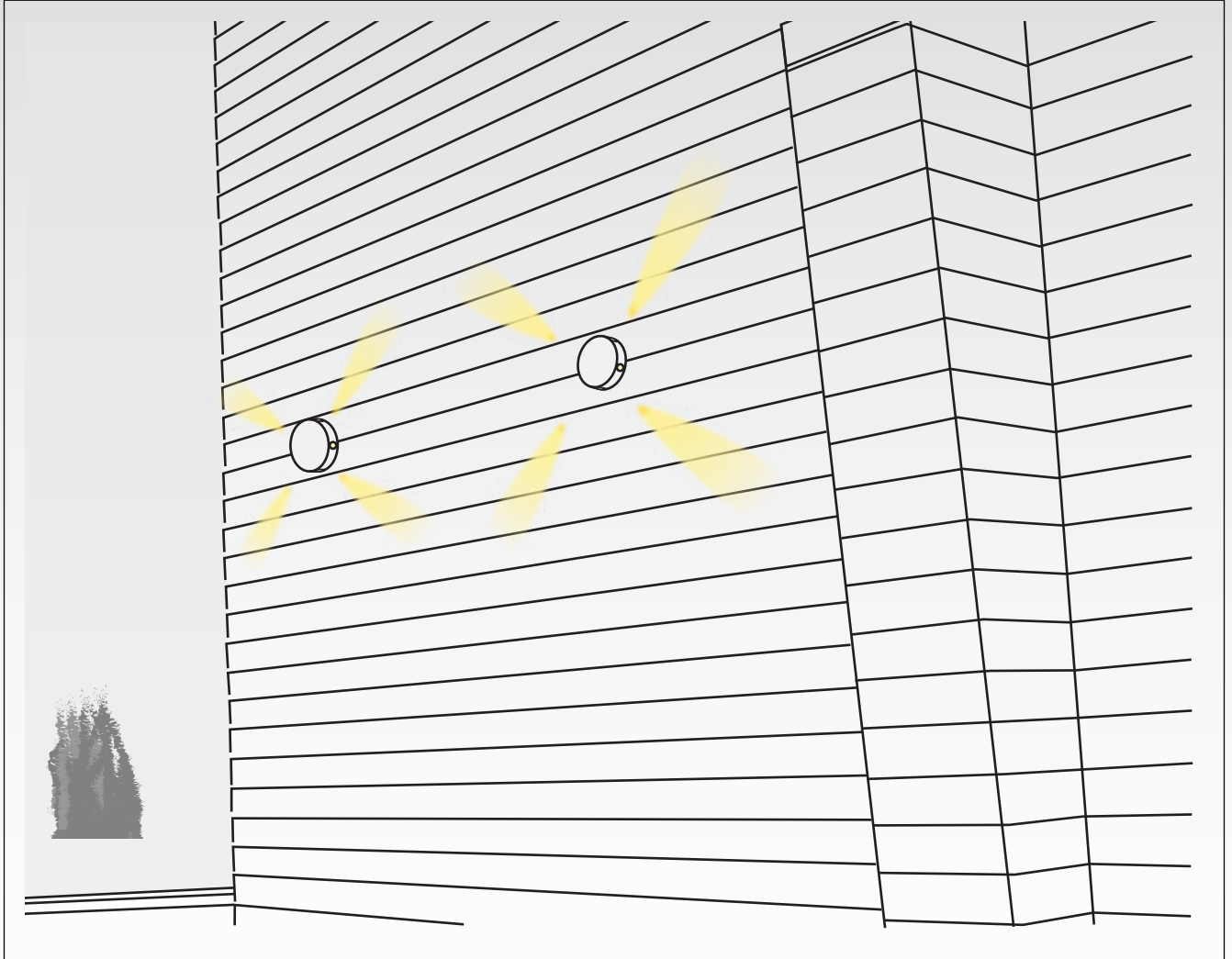
SABER-4W-FPE076 / FPE077
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE	○ FPE076	4W/GREY/3000K
	□ FPE077	4W/GREY/3000K





LANTERN



FPE065



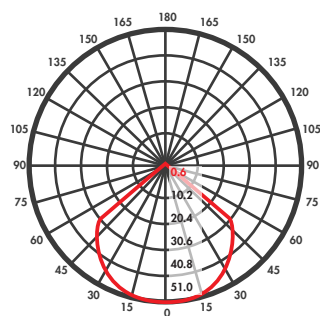
FPE064



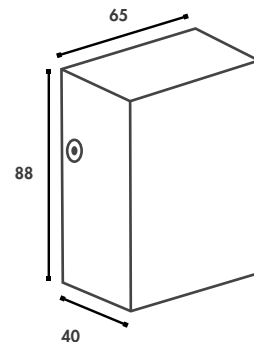
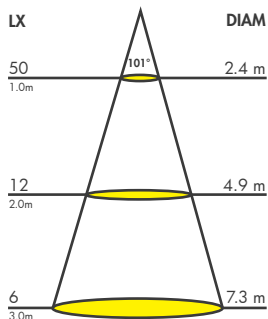
LANTERN - 3W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	101°	3000K	80+	68 lm	22 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LX8	HEIGHT	CUTOUT			
	65*40mm	88mm	NA			

LANTERN- 3W- FPE065
Polar Luminous Intensity Graph



Illuminance Cone Diagram

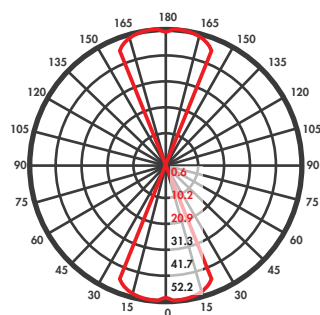


ITEM CODE ○ FPE065 3W/GREY/3000K

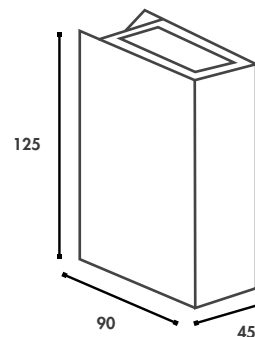
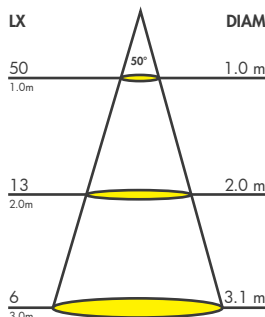
LANTERN - 6W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	50°/50°	3000K	80+	122 lm	20 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER		INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	6W(2x3)		90-270V	50/60 Hz	0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	45*90mm	125mm		NA		

LANTERN- 2*3W- FPE064
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE064 6W/GREY/3000K



POLAR



FPE045

FPE046

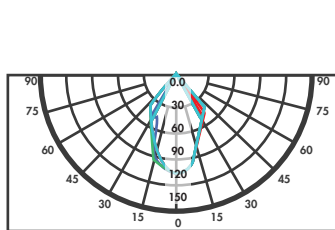


POLAR - 3W

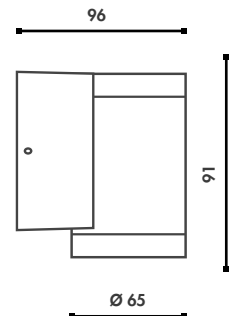
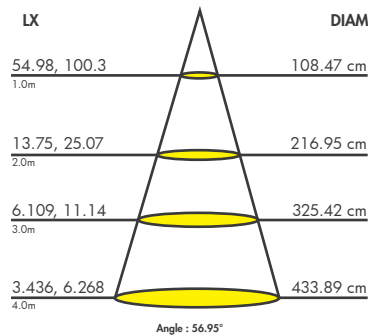
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	53°	3000K	80+	121 lm	40 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	3W (1X3W)	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	65*96mm	91mm		NA		

Polar - FPE045
Polar Luminous Intensity Graph

Illuminance Cone Diagram



- c0/180, 62.9
- c30/210, 58.3
- c60/240, 60.0
- c90/270, 56.3

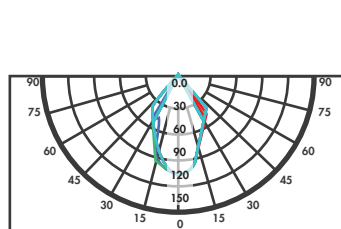


ITEM CODE ○ FPE045 3W/GREY/3000K

POLAR - 6W

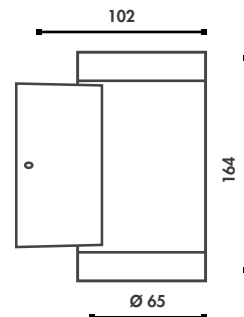
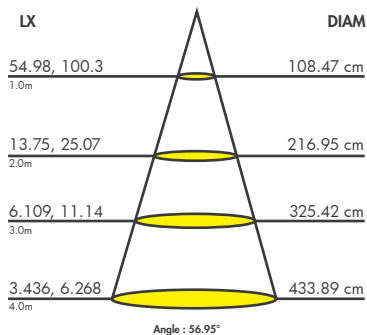
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	53°/53°	3000K	80+	305 lm	50 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6W (2X3W)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	65*102mm	164mm	NA			

Polar - FPE046
Polar Luminous Intensity Graph



- c0/180, 62.9
- c30/210, 58.3
- c60/240, 60.0
- c90/270, 56.3

Illuminance Cone Diagram



ITEM CODE ○ FPE046 6W/GREY/3000K



VANGUARD



FPE102



FPE101

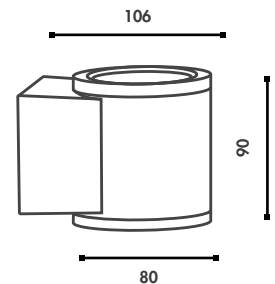
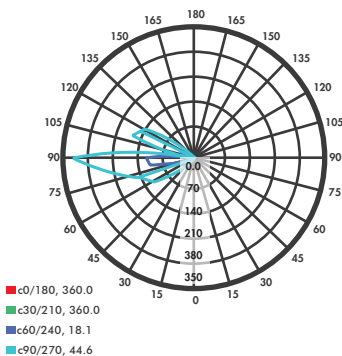


VANGUARD - 6W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	40°	3000K	80+	400 lm	66 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LX8	HEIGHT	CUTOUT			
	106mm	90mm	NA			

Vanguard - FPE102

Polar Luminous Intensity Graph



ITEM CODE ○ FPE102 6W/GREY/3000K

VANGUARD - 12W

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Reflector

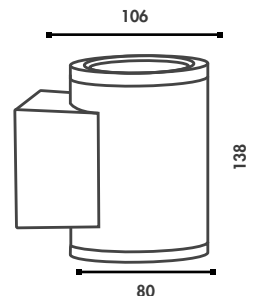
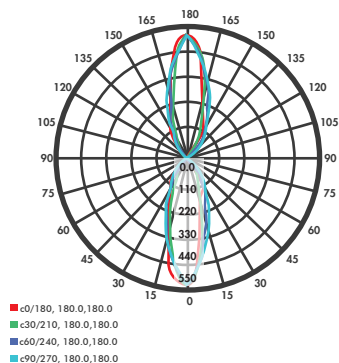
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	40°	3000K	80+	800 lm	66 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	12W (2X6W)	90-270V	50/60 Hz	0.9

APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP54	Outdoor	Wall Surface

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	106mm	138mm	NA

Vanguard -FPE 101
Polar Luminous Intensity Graph



ITEM CODE ○ FPE101 12W/GREY/3000K



MANTLE



FPE063



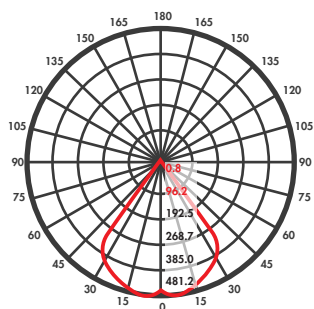
FPE062



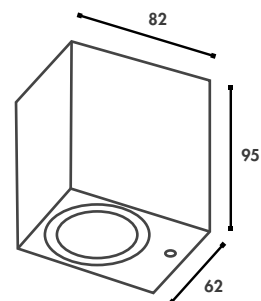
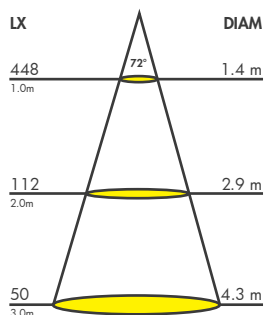
MANTLE - 7W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	73°	3000K	80+	519 lm	74 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W(1x7)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	82*62mm	95mm	NA			

MANTLE 1*7W FPE063
Polar Luminous Intensity Graph



Illuminance Cone Diagram

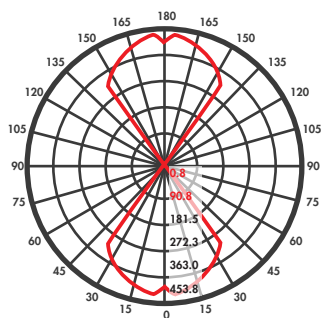


ITEM CODE ● FPE063 7W/GREY/3000K

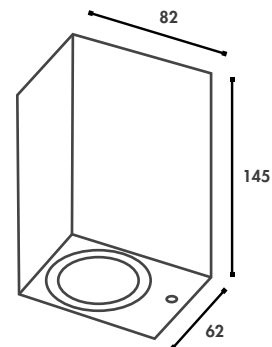
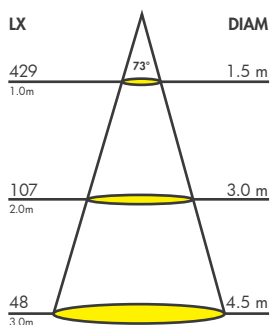
MANTLE - 14W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	73°	3000K	80+	928 lm	66 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	14W(2X7W)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	82*62mm	145mm	NA			

MANTLE 2*7W FPE062
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE062 14W/GREY/3000K



SOLID



FPE742



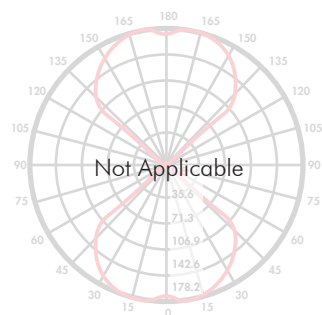
FPE743



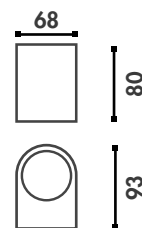
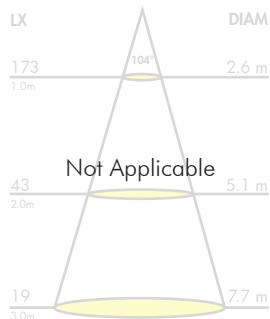
SOLID - One way

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	GU10 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 11W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP44	Outdoor		Wall Surface		
DIMENSIONS	DIA/LX8	HEIGHT		CUTOUT		
	68*93mm	80mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram

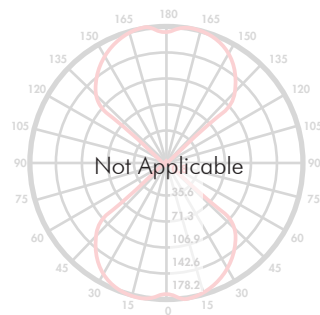


ITEM CODE ● FPE742 Upto 11W/GU10/GREY

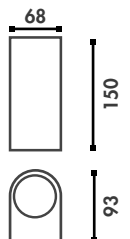
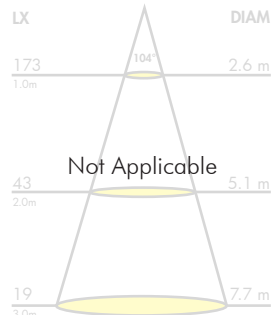
SOLID - Two way

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	GU10 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 2*11W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP44	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	68*93mm	150mm	NA			

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE743 Uptp 2*11W/GU10/GREY



CARBON



FPE020



FPE018



CARBON - 12W

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Reflector

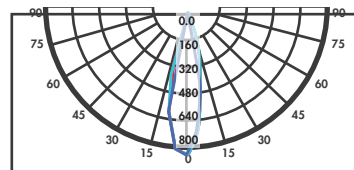
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	48°	3000K	80+	871 lm	72 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	12W (1X12)	90-270V	50/60 Hz	0.9

APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP54	Outdoor	Wall Surface

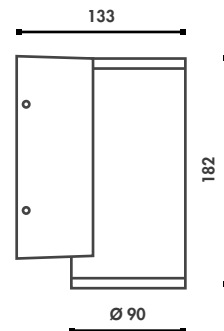
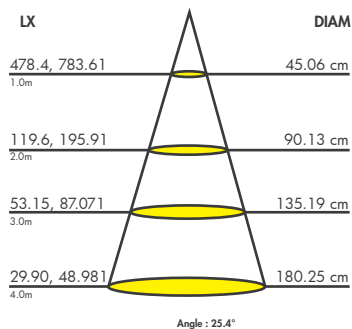
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	90*133(mm)	182mm	NA

Carbon-12W-FPE020
Polar Luminous Intensity Graph



■ c0/180, 25.6
■ c30/210, 25.5
■ c60/240, 25.4
■ c90/270, 25.2

Illuminance Cone Diagram

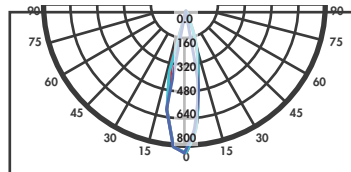


ITEM CODE ○ FPE020 12W/GREY/3000K

CARBON - 24W

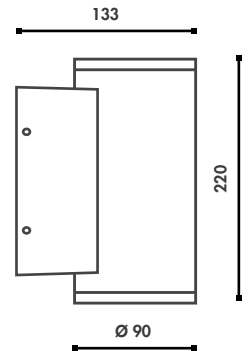
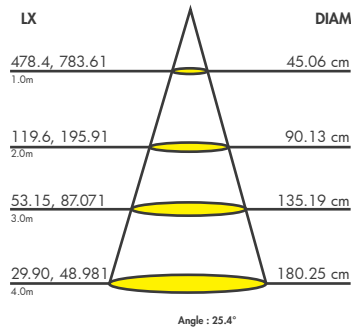
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	48°/48°	3000K	80+	1459 lm	60 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	24W (2X12W)	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	90*133(mm)	220mm		NA		

Carbon-24W-FPE018
Polar Luminous Intensity Graph



■ c0/180, 25.6
■ c30/210, 25.5
■ c60/240, 25.4
■ c90/270, 25.2

Illuminance Cone Diagram



ITEM CODE ○ FPE018 24W/GREY/3000K



MODO

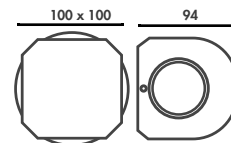
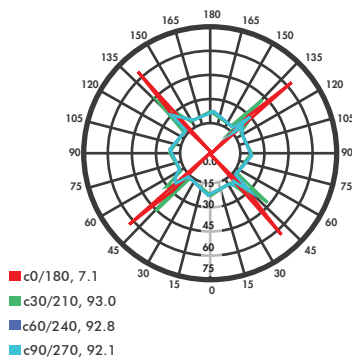


FPE755



LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	71°	3000K	80+	376 lm	47 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	4*2W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	100*100mm	94mm		NA		

MODO-4*2W-FPE775
Polar Luminous Intensity Graph



ITEM CODE ● FPE755 4*2W/GREY/3000K





TRON



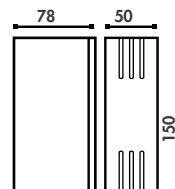
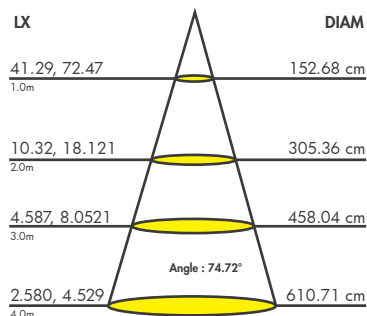
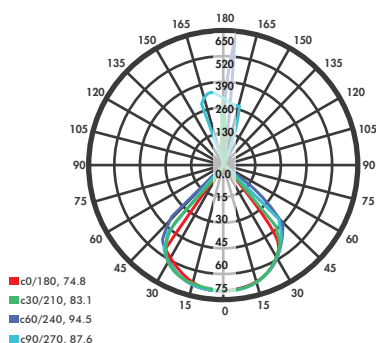
FPE011



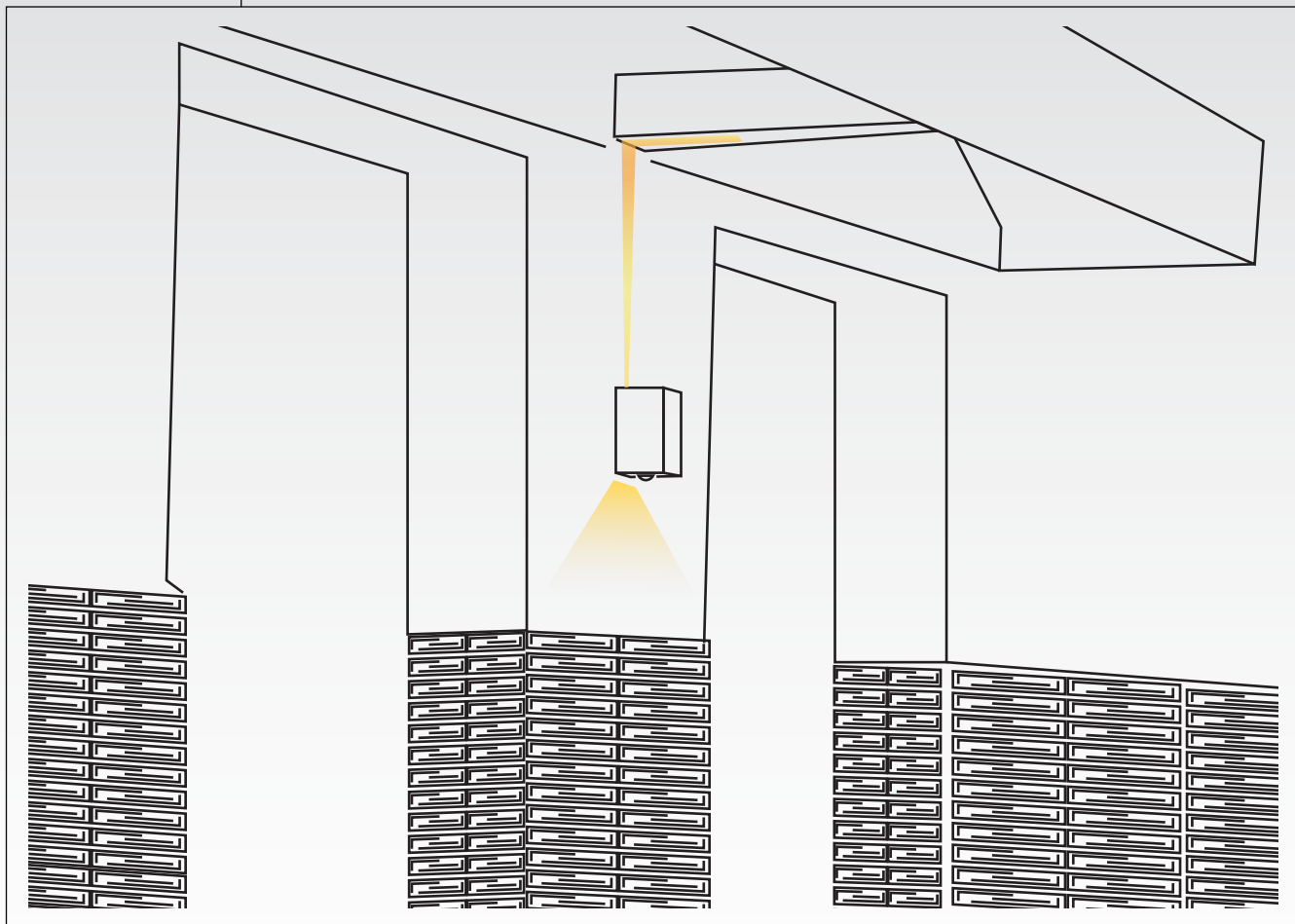
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	5°/81°	3000K	80+	236 lm	39 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6W(2X3W)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	150*50mm	78mm	NA			

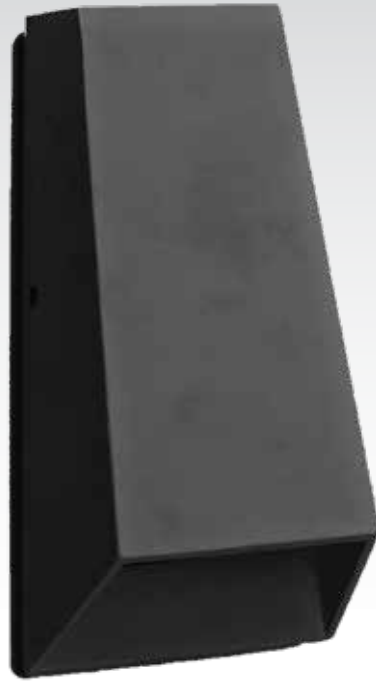
TRON-6W-FPE011
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE011 6W/GREY/3000K





VESTA



FPE106

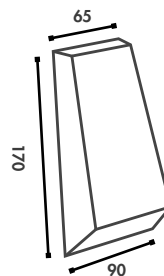
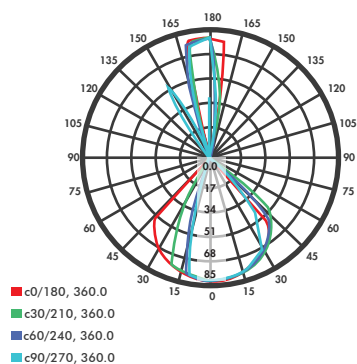


VESTA

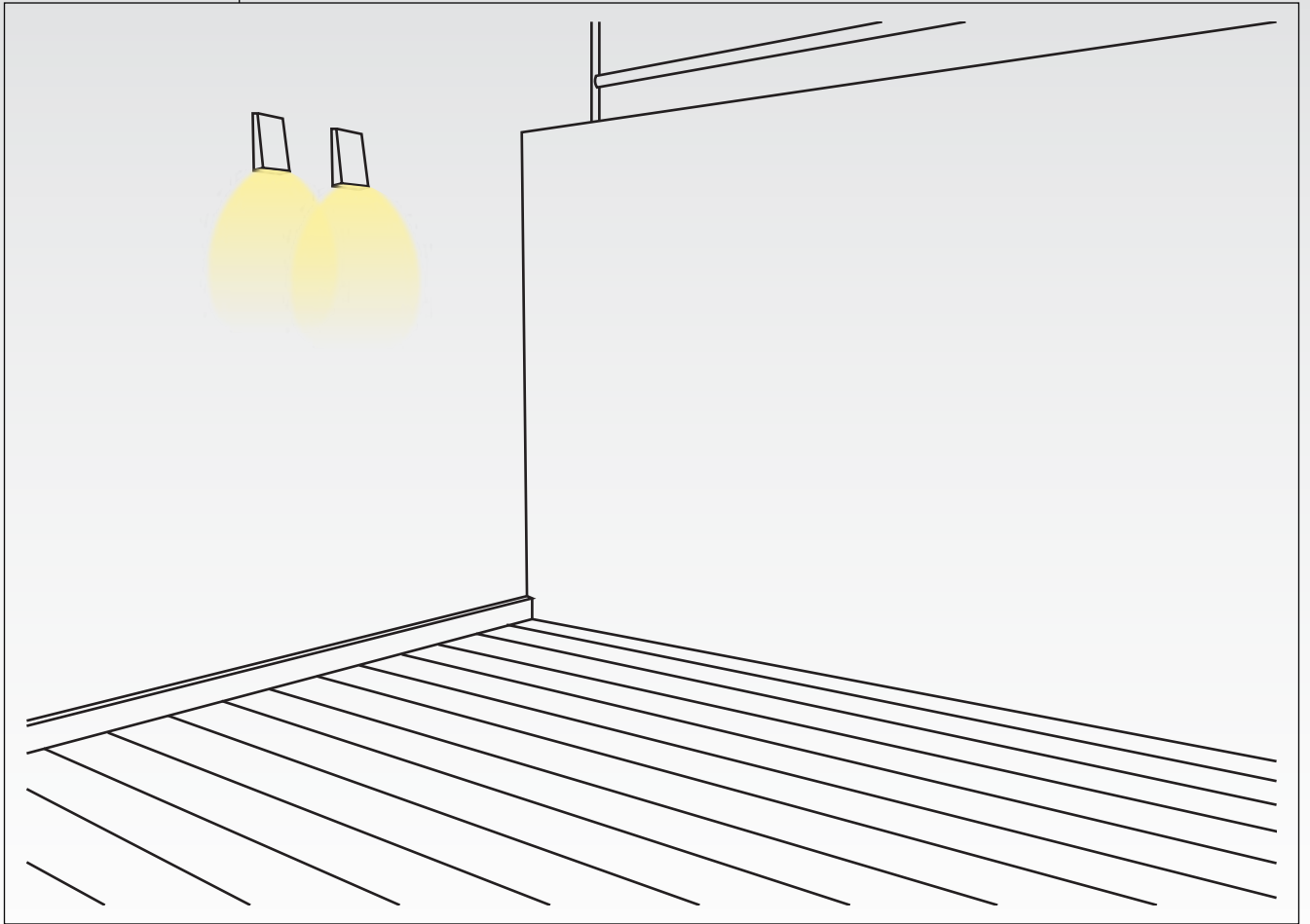
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	20°/60°	3000K	80+	500 lm	83 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura	6W (2X3W)	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	90*65mm	170mm	NA			

VESTA - FPE106

Polar Luminous Intensity Graph



ITEM CODE ○ FPE106 6W/GREY/3000K



CASSINI



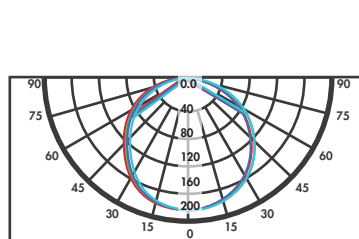
FPE281



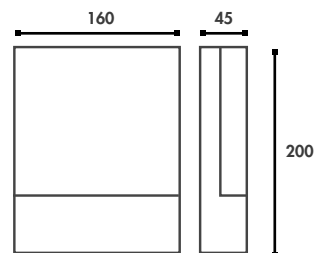
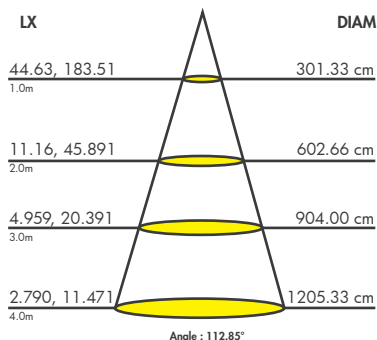
LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	BRIDGELUX	121°	3000K	80+	460 lm	76 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR		TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated		6W	90-270V	50/60 Hz	0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	160*45(mm)	200mm		NA		

CASSINI-6W-FPE281
Polar Luminous Intensity Graph

Illuminance Cone Diagram



- c0/180, 117.8
- c30/210, 118.3
- c60/240, 116.3
- c90/270, 113.2



ITEM CODE ● FPE281 6W/3000K/GREY

SHAPE



FPE749

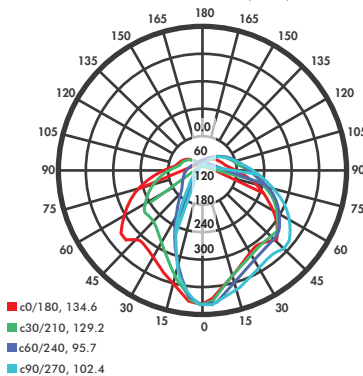


SHAPE

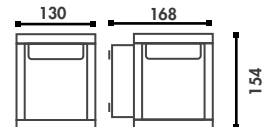
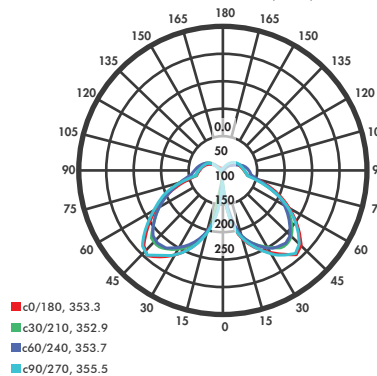
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	30*LED SMD	40°	3000K	80+	946 lm	94 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	10W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	130*168mm	154mm		NA		

SHAPE-10W-FPE749

Polar Luminous Intensity Graph



Polar Luminous Intensity Graph



ITEM CODE ● FPE749 10W/GREY/3000K

RANGER



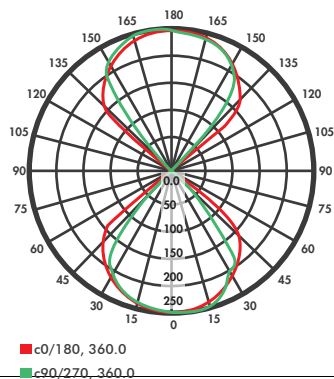
FPE053



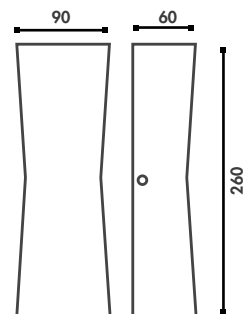
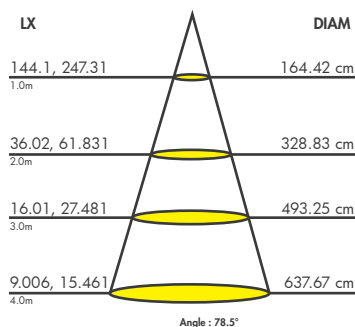
RANGER

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	97°	3000K	80+	855 lm	71 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	12W (2X6W)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	90*60mm	260mm	NA			

RANGER-12W-FPE053
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE053 12W/GREY/3000K

WAY



FPE748

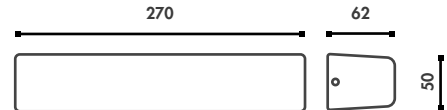
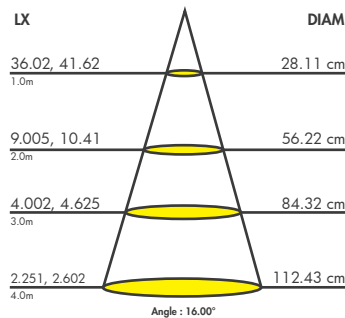
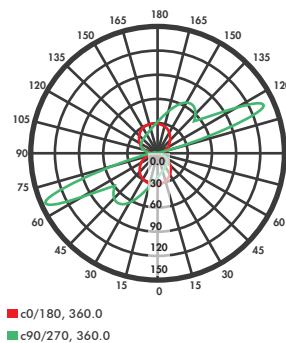


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	28*SMD LED	119°	3000K	80+	371 lm	30 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	12W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LX8	HEIGHT	CUTOUT			
	270*62mm	50mm	NA			

WAY FPE748-12W

Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE748 12W/GREY/3000K

RUBIX

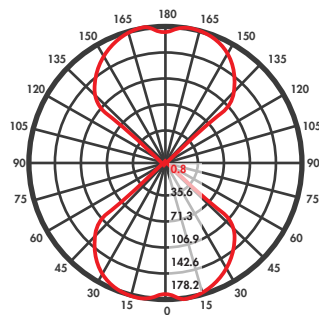


FPE061

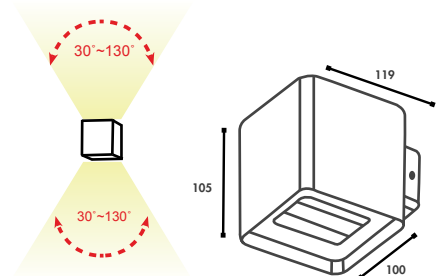
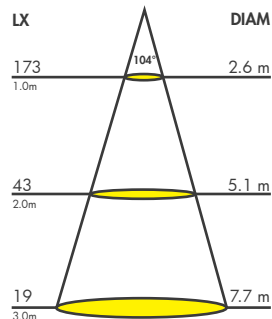


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	Adjustable beam angle	3000K	80+	883 lm	63 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	14W(2X7)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	100*119mm	105mm	NA			

RUBIX- 14W2*7-FPE061
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE061 14W/GREY/3000K

POD

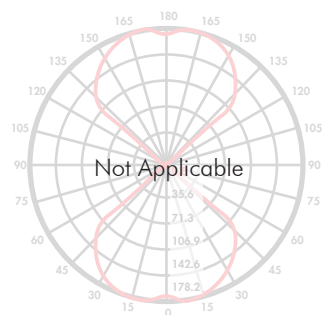


FPE044

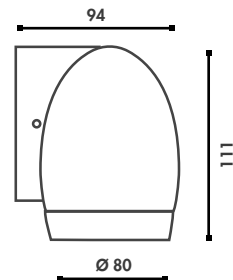
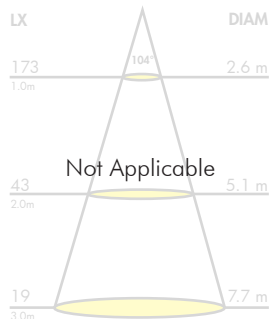


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	GU10 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	up to 11W GU10	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	80*94mm	111mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE044 UPTO 11W/GU10/GREY

STARK

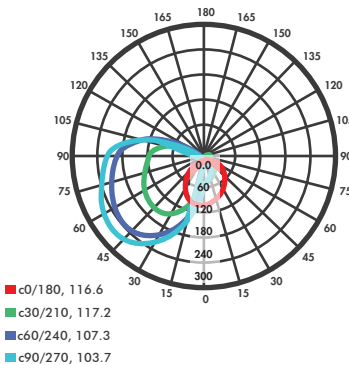


FPE278

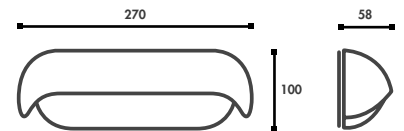
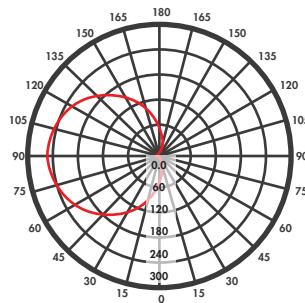


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	121.2°	3000K	80+	1200 lm	100 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	12W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	270*58(mm)	100mm		NA		

STARK - 12W FPE278
Polar Luminous Intensity Graph



Polar Luminous Intensity Graph



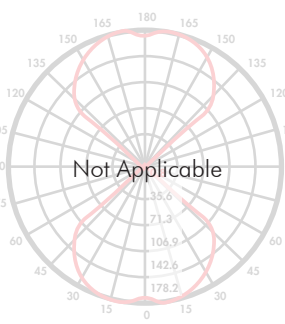
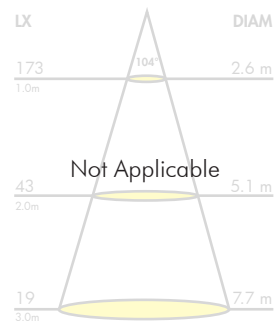
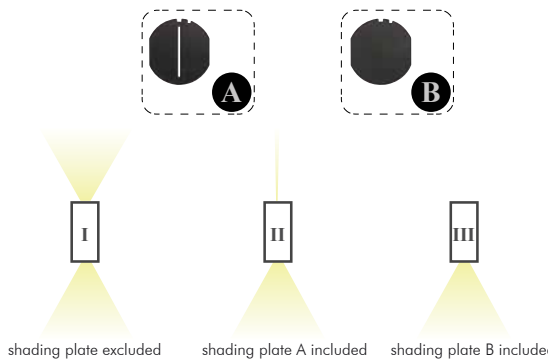
ITEM CODE ● FPE278 12W/3000K/GREY

EQUAL

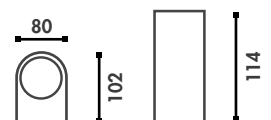


FPE754



LUMINAIRE	Aluminium Die Cast	SURFACE FINISH			OPTICS	
		Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	G9 Lamp Base (Lamp Not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	up to 5W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	80*102mm	114mm	NA			
Polar Luminous Intensity Graph  Illuminance Cone Diagram  Spare Shading Plate 						

ITEM CODE ● FPE754 Upto 5W/G9/GREY





JIVA



FPE288



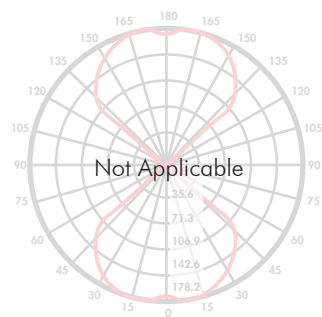
FPE289



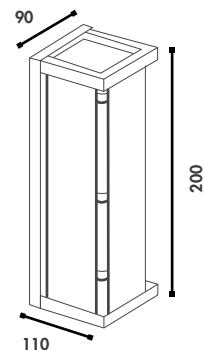
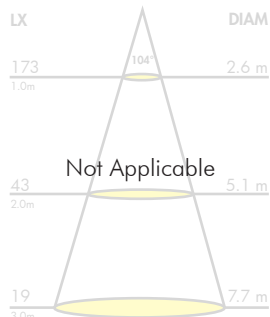
JIVA - 15W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	90*110mm	200mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram

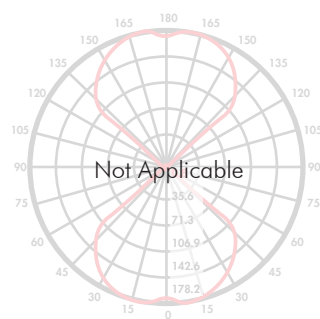


ITEM CODE ● FPE288 Upto 15W/E27/GREY

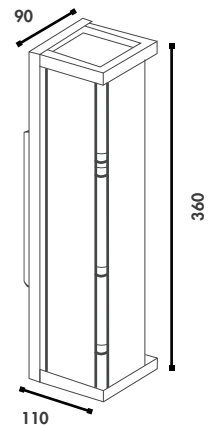
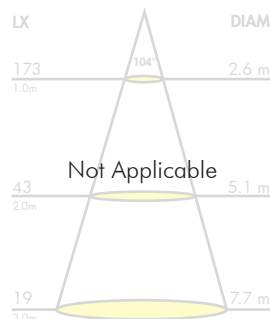
JIVA - 2*15W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 2*15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	90*110mm	360mm	NA			

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE289 Upto 2*15W/E27/GREY

HOODIE



FPE030



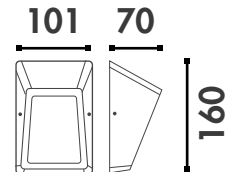
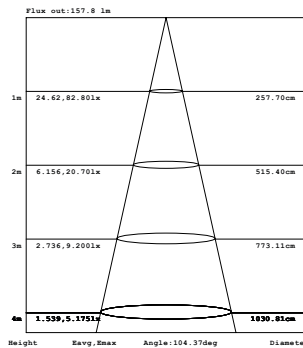
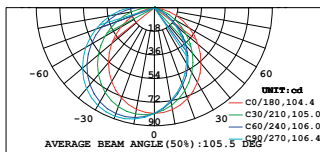
HOODIE - Wall Light

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Alluminium Die Cast		Graphite Grey power Coating		PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	111°	3000K	80	212 lm	70 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LX8	HEIGHT		CUTOUT		
	101*70mm	160mm		NA		

Hoodie-3W-FPE030

Polar Luminous Intensity Graph

Polar Luminous Intensity Graph



ITEM CODE ● FPE030 3W/GREY/3000K



KLAXON

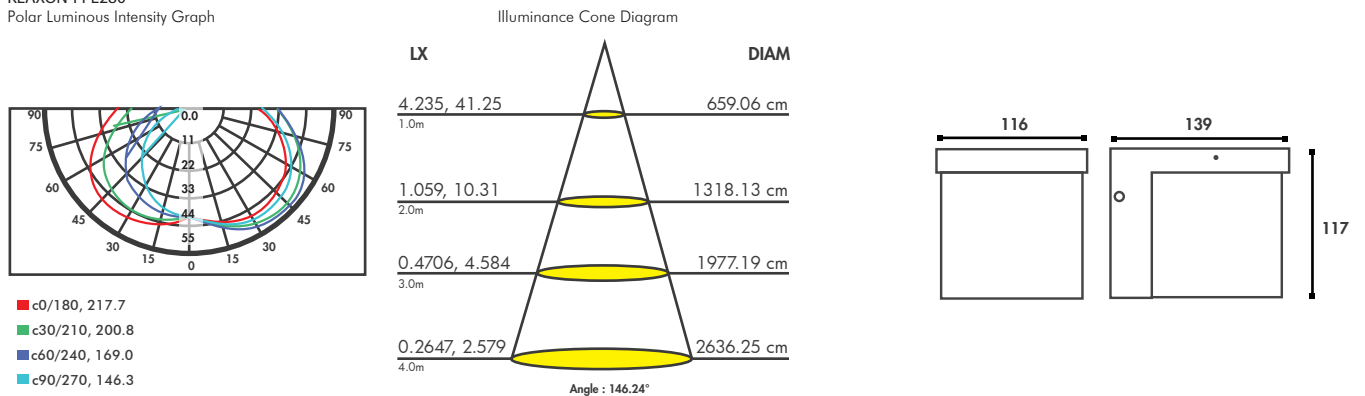


FPE280



LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	114°	3000K	80+	253 lm	50 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	5W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	139*116(mm)	117mm	NA			

KLAXON-FPE280
Polar Luminous Intensity Graph



ITEM CODE ● FPE280 5W/3000K/GREY





LOOP



FPE055

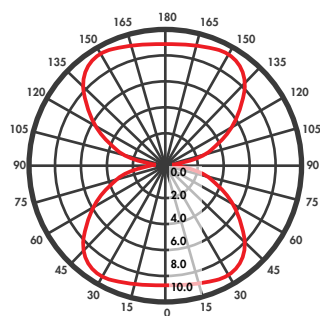


LOOP

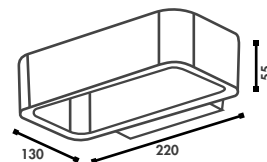
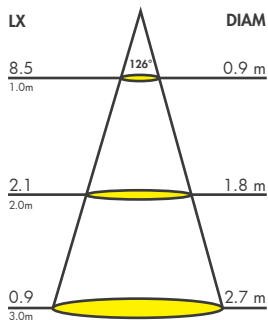
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	PHILIPS	126°	3000K	80+	448 lm	64 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	220*130mm	55mm		NA		

LOOP-FPE055

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE055 7W/GREY/3000K





SOLO



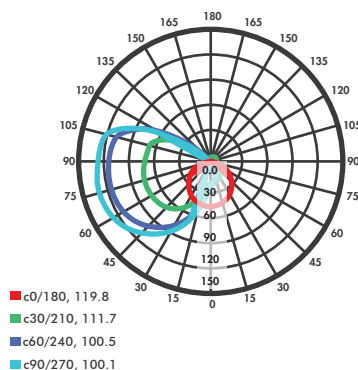
FPE275



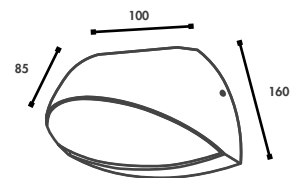
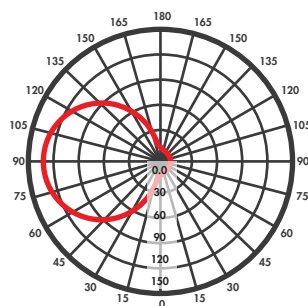
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	108°	3000K	80+	370 lm	52 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	160*100(mm)	85mm	NA			

SOLO - FPE275

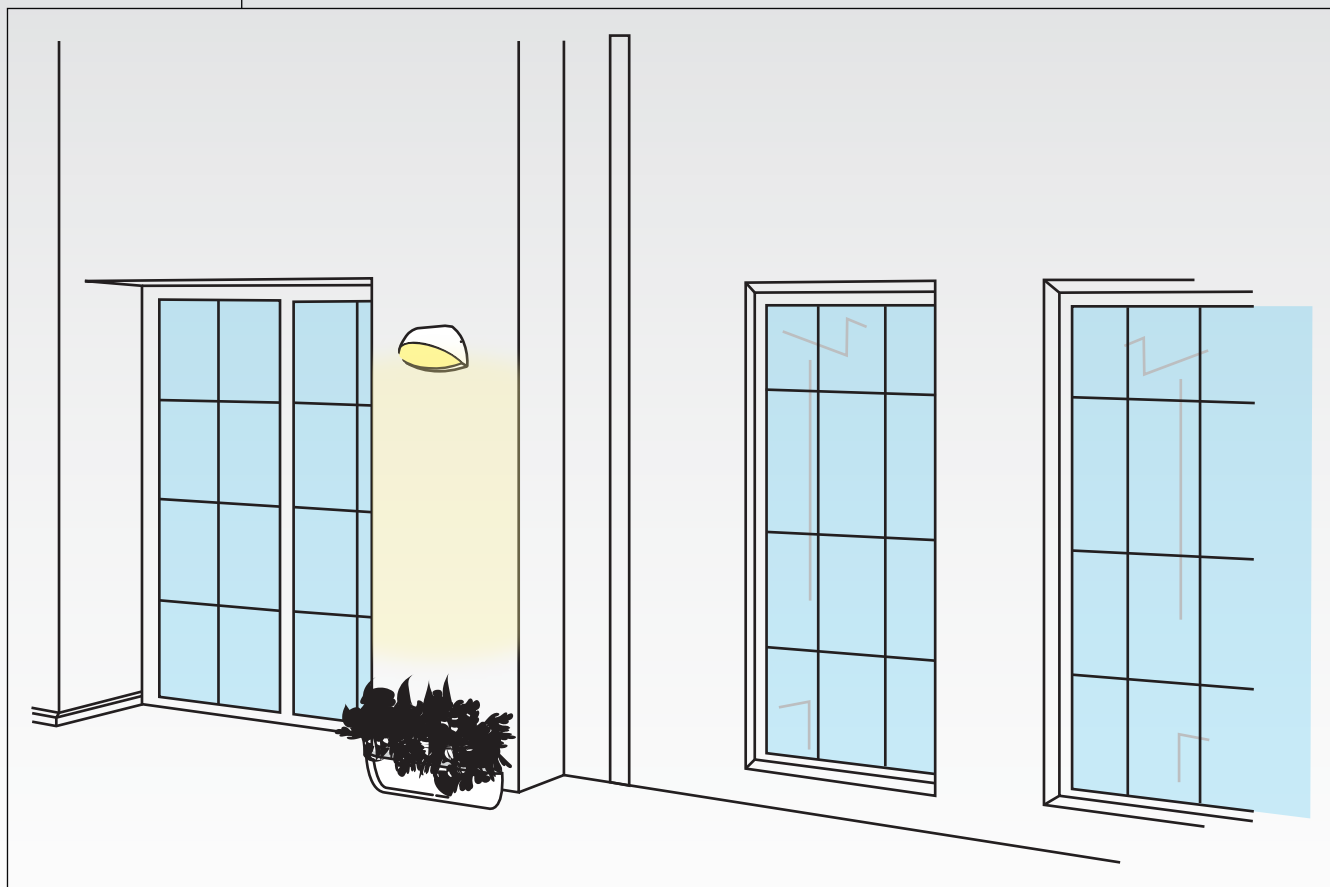
Polar Luminous Intensity Graph



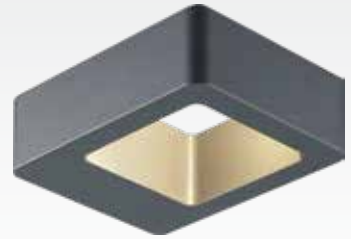
Polar Luminous Intensity Graph



ITEM CODE ● FPE275 7W/3000K/GREY



STUDIO



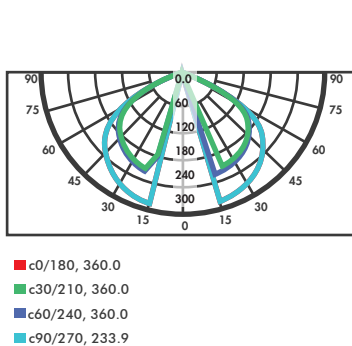
FPE015



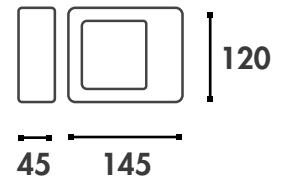
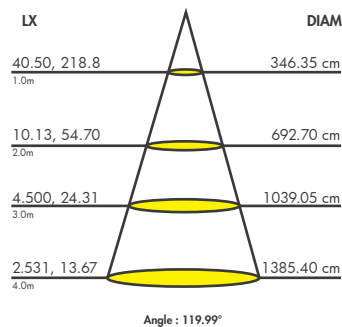
STUDIO - Wall Light

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	92°	3000K	80+	361lm	52lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR		TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated		7W	90-270V	50/60 Hz	0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	145*45mm	120mm		NA		

Studio - FPE 015
Polar Luminous Intensity Graph



Illuminance Cone Diagram

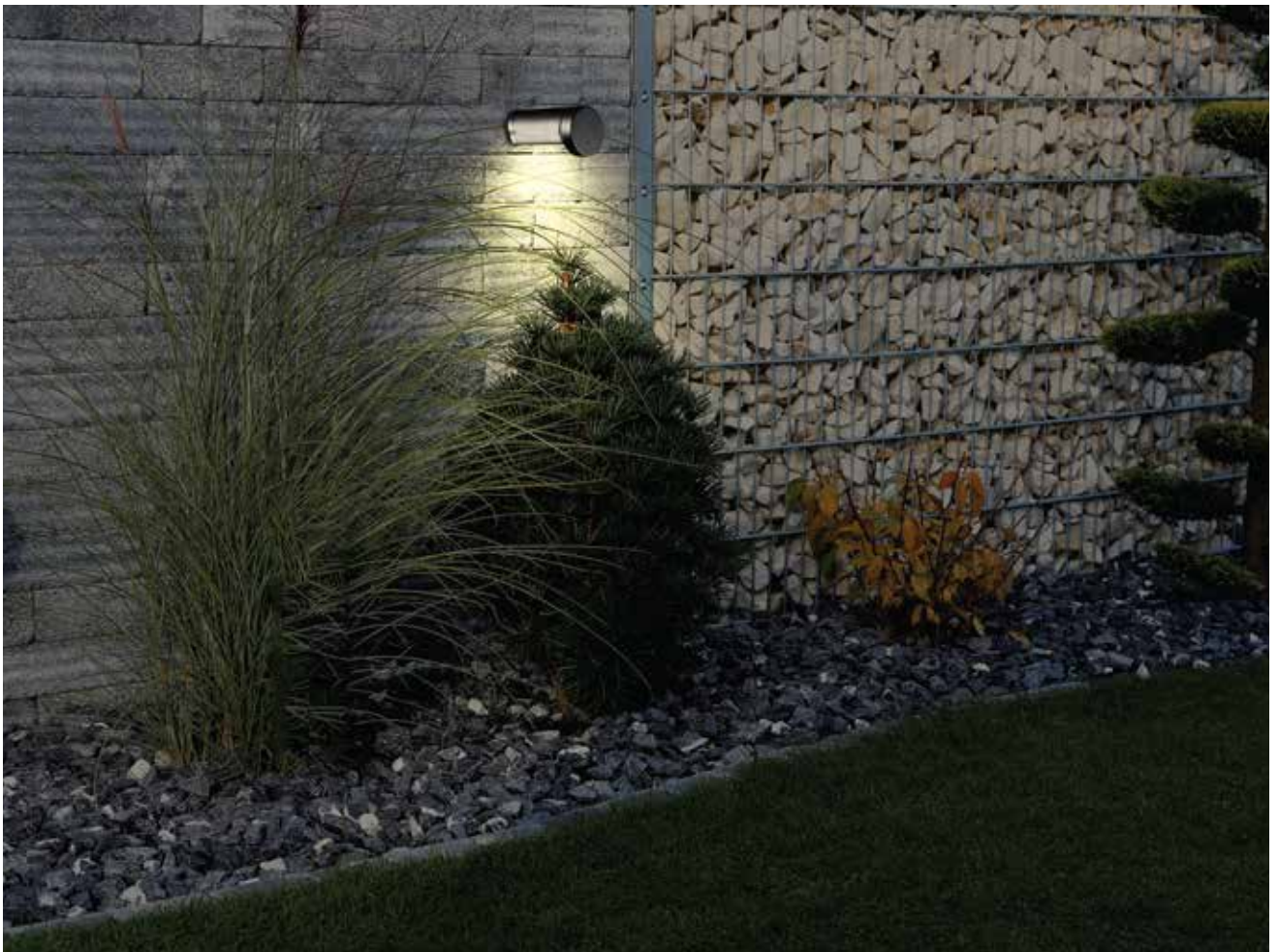


ITEM CODE FPE015 7W/GREY/3000K

CURL



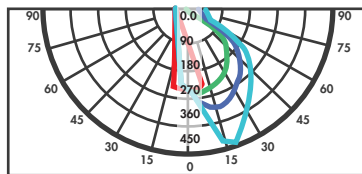
FPE025



CURL

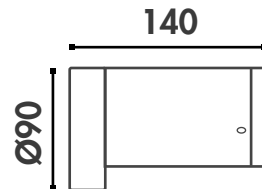
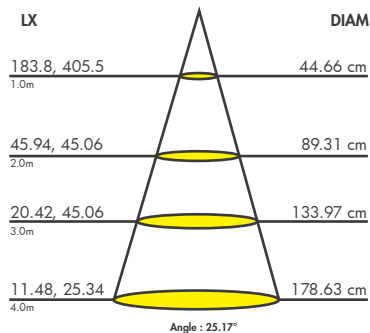
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	15°	3000K	80+	427 lm	61 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	90mm	140mm		NA		

CURL - FPE025
Polar Luminous Intensity Graph



- c0/180, 25.1
- c30/210, 66.5
- c60/240, 67.6
- c90/270, 62.3

Illuminance Cone Diagram



ITEM CODE FPE025 7W/GREY/3000K

BARON



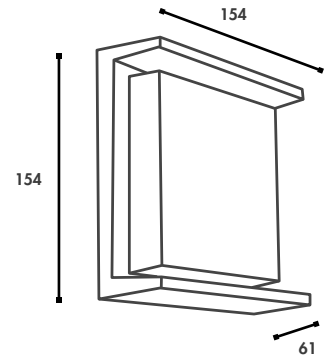
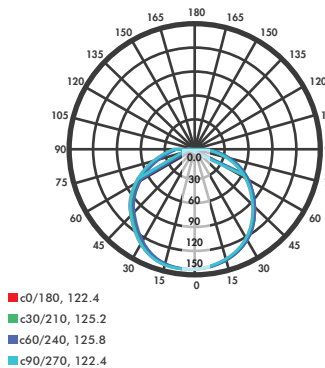
FPE094



BARON

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	NA	3000K	80+	800 lm	80 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	10W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	154*61 (mm)	154mm	NA			

BARON - FPE094
Polar Luminous Intensity Graph



ITEM CODE ● FPE094 10W/3000K/GREY

CAPSULE



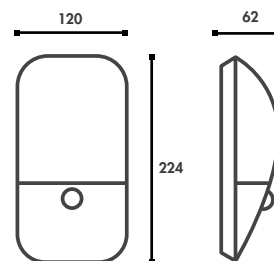
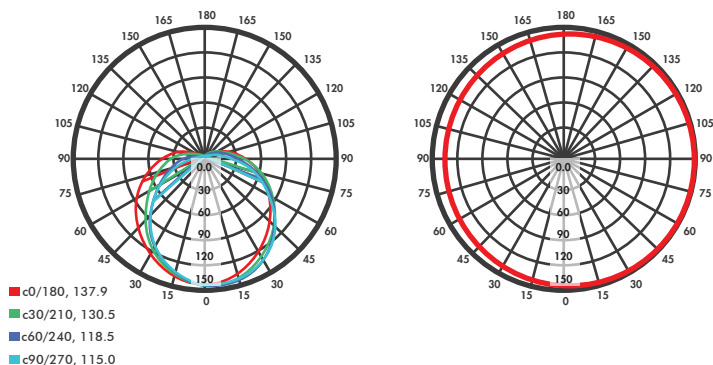
FPE279



CAPSULE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Duffiser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	125°	3000K	80+	1200 lm	120 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	10W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	120*62(mm)	224mm	NA			

CAPSULE - FPE279
Polar Luminous Intensity Graph



ITEM CODE ● FPE279 10W/3000K/GREY



XANADU

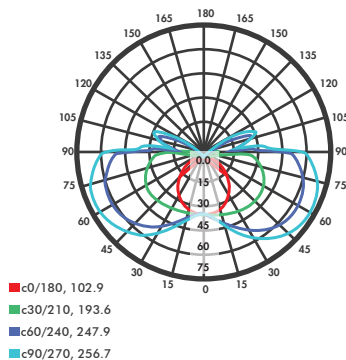


FPE272

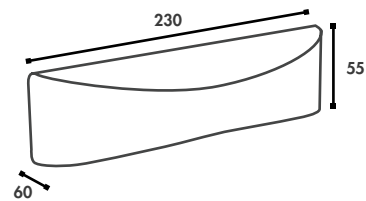
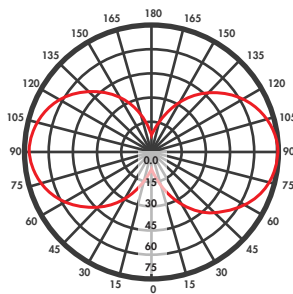


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Dark Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	200°	3000K	80+	310 lm	31 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	10W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	230*60(mm)	55mm		NA		

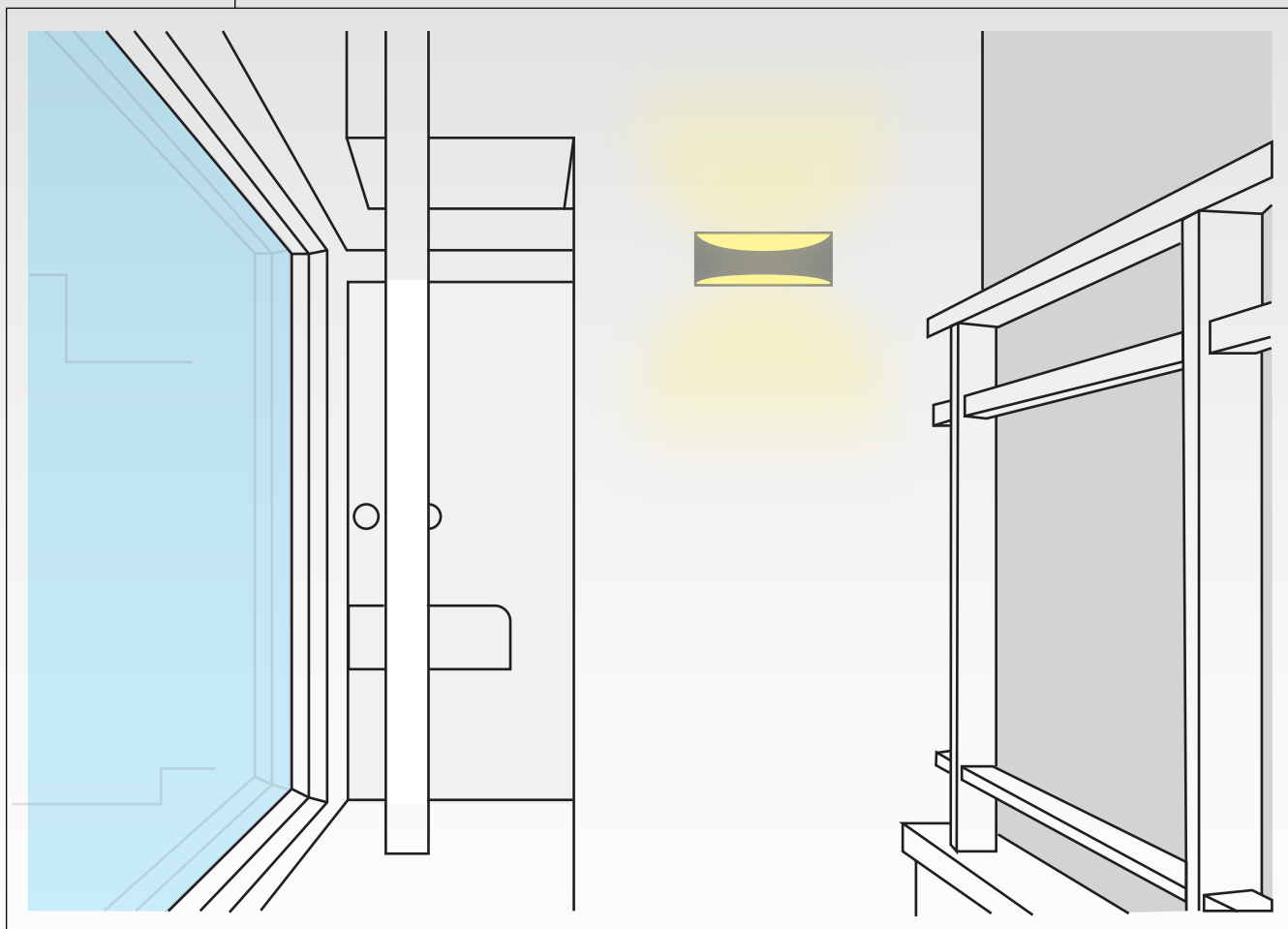
XANADU - FPE272
Polar Luminous Intensity Graph



Polar Luminous Intensity Graph



ITEM CODE ● FPE272 10W/3000K/GREY



VALOR



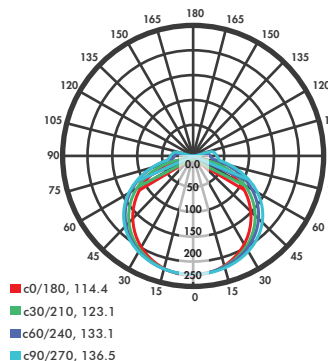
FPE277



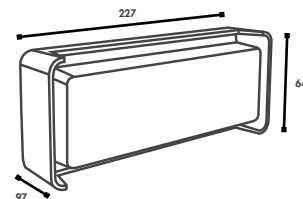
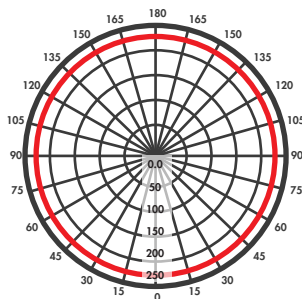
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Dark Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	126°	3000K	80+	730 lm	60 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futur Integrated	12W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	227*97(mm)	64mm	NA			

VALOR - FPE277

Polar Luminous Intensity Graph



Polar Luminous Intensity Graph



ITEM CODE ● FPE277 12W/3000K/GREY



PRIME

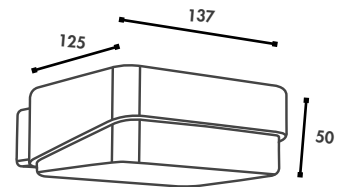
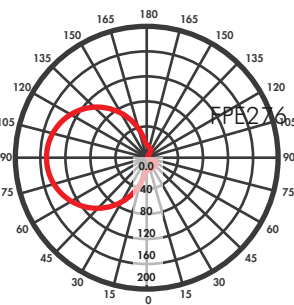
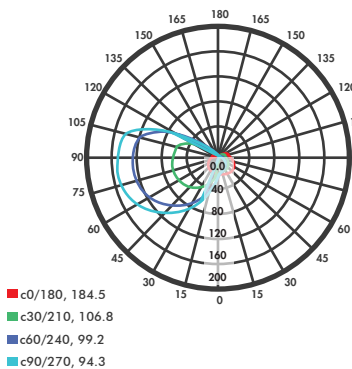


FPE276

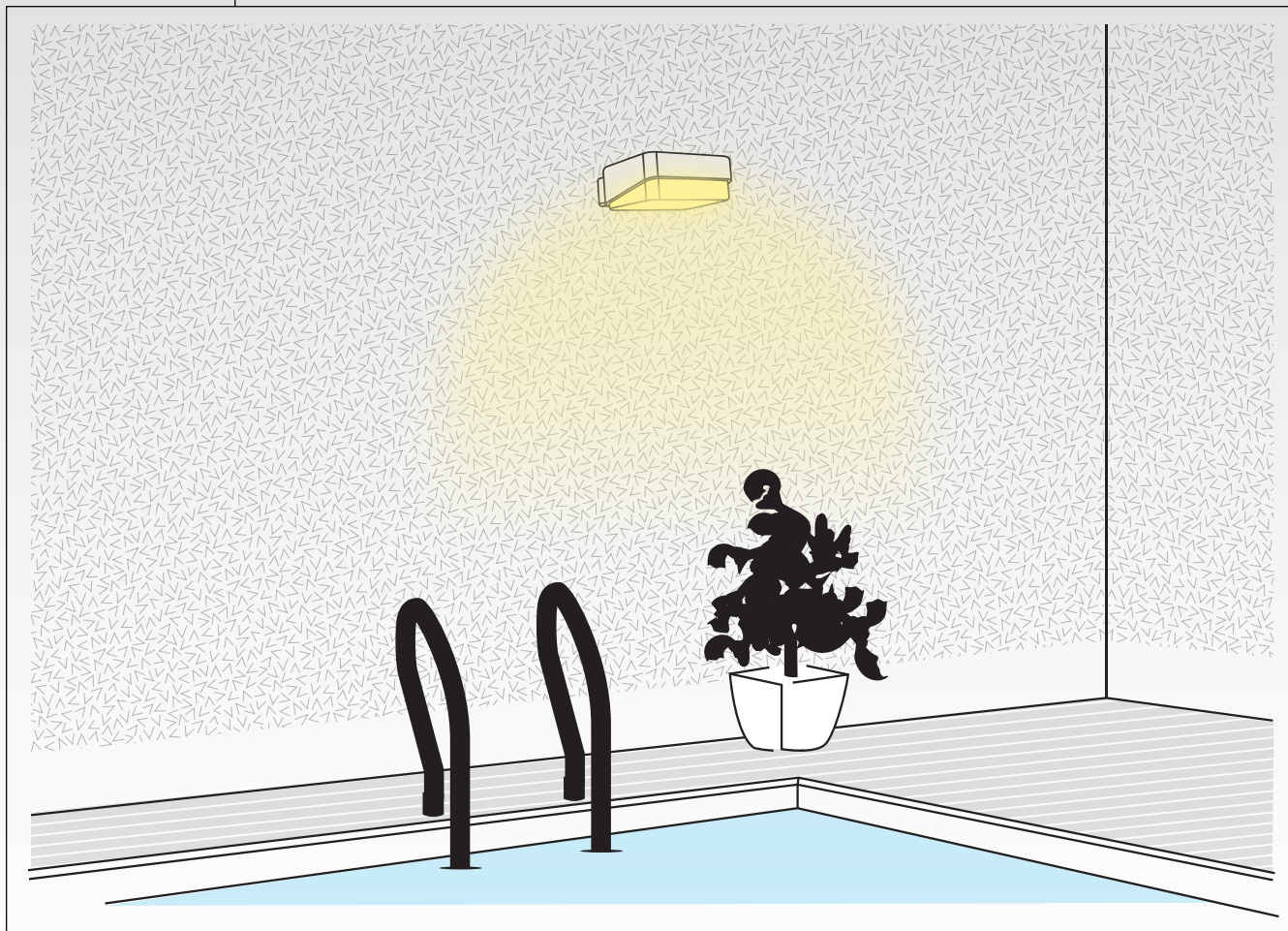


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	212°	3000K	80+	515 lm	42 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	12W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	125*137(mm)	50mm		NA		

PRIME - FPE276
Polar Luminous Intensity Graph



ITEM CODE ● FPE276 12W/3000K/GREY



ORB



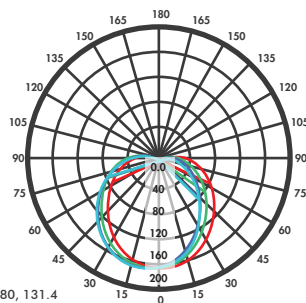
FPE136



LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	NA	3000K	80+	1100 lm	84 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	13W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	169*55(mm)	219mm	NA			

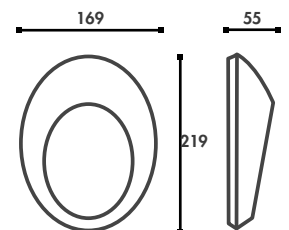
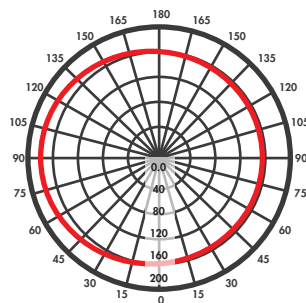
ORB - FPE136

Polar Luminous Intensity Graph

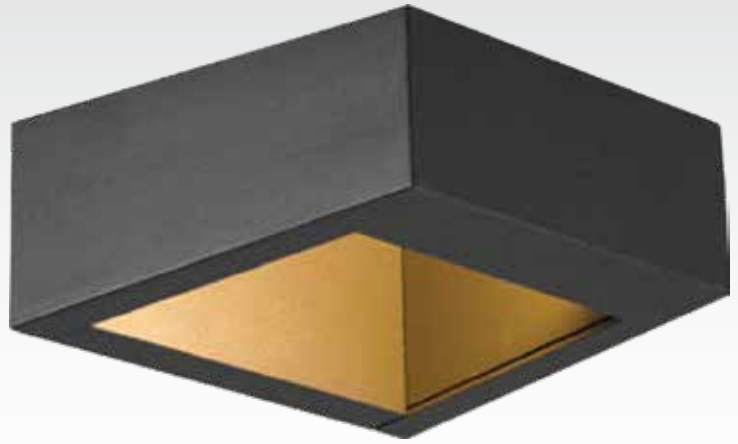


- c0/180, 131.4
- c30/210, 126.4
- c60/240, 118.2
- c90/270, 115.4

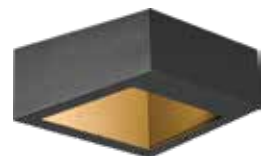
Polar Luminous Intensity Graph



ITEM CODE ● FPE136 13W/3000K/GREY



STAR

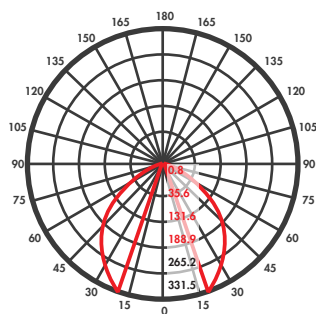


FPE054

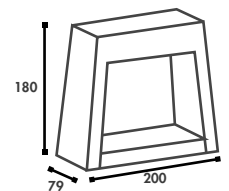
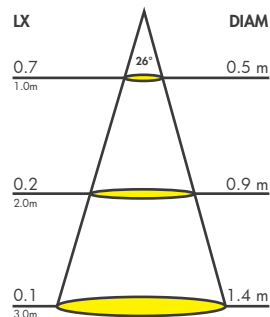


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	PHILIPS	28°	3000K	80+	570 lm	31 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	18W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	200*79mm	180mm		NA		

STAR- FPE054
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE054 18W/GREY/3000K



DREAM

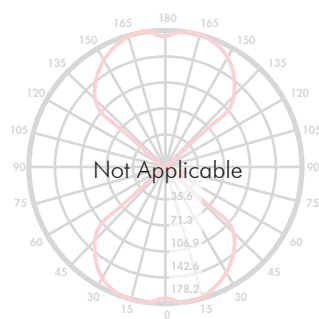


FPE756

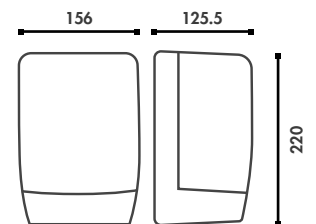
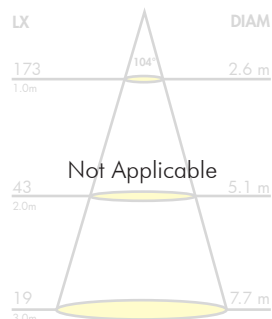


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Clear Glass	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LX8	HEIGHT		CUTOUT		
	156*125.5mm	220mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram

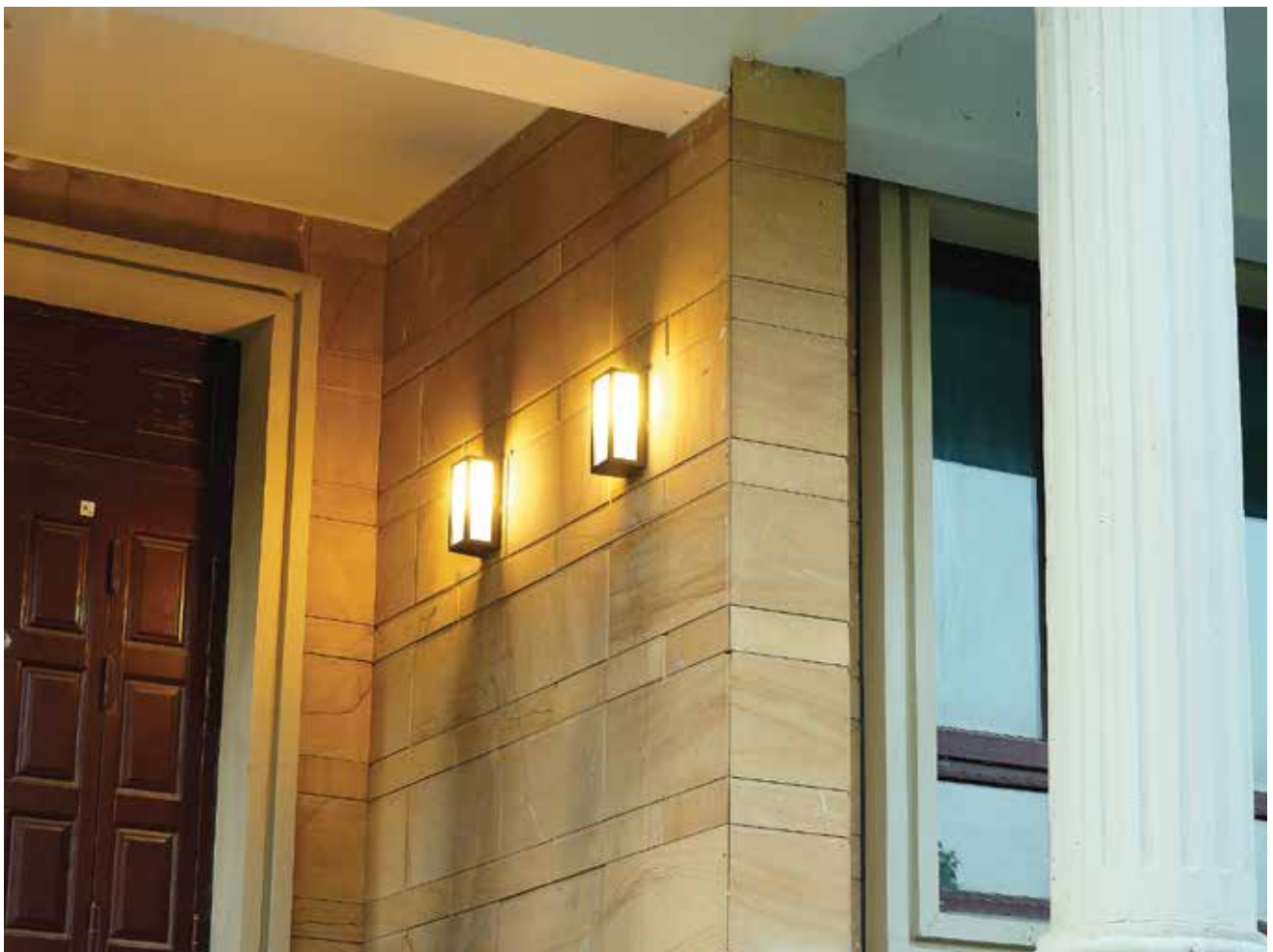


ITEM CODE FPE756 Upto 15W/E27/GREY

FRAME



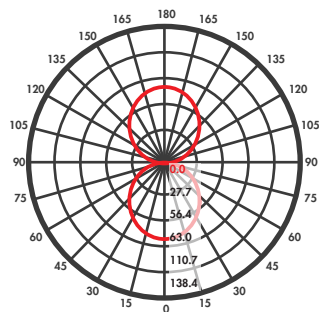
FPE087



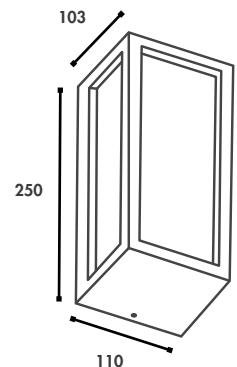
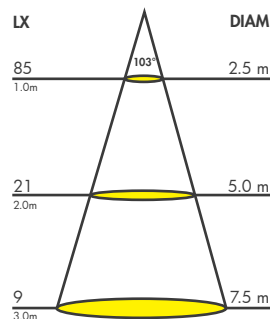
FRAME

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 18W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	103*110mm	250mm	NA			

FRAME UPTO 18W FPE087
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE087 Upto 18W/E27/GREY



TIROS



FPE099



FPE100



TIROS

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Lens

TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	15°	3000K	80	250 lm	83 lm/W

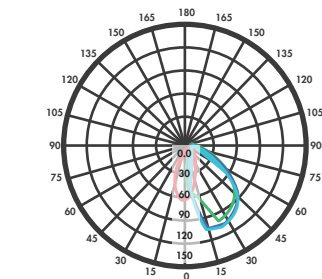
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	3W	90-270V	50/60 Hz	0.9

APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP54	Outdoor	Wall Surface

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	○ 100mm	30mm	NA
	□ 100*100(mm)	30mm	NA

Tiros - FPE099

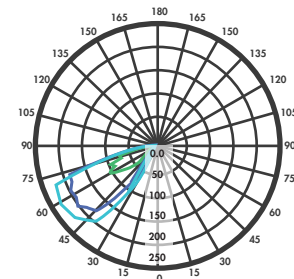
Polar Luminous Intensity Graph



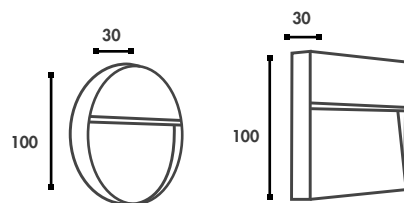
■ c0/180, 40.1
■ c30/210, 60.8
■ c60/240, 55.1
■ c90/270, 52.2

Tiros - FPE100

Polar Luminous Intensity Graph



■ c0/180, 115.8
■ c30/210, 38.1
■ c60/240, 45.0
■ c90/270, 44.6



ITEM CODE	○ FPE099	3W/3000K/GREY
	□ FPE100	3W/3000K/GREY





X-WING



FPE071



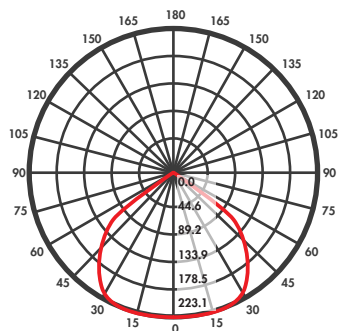
FPE072



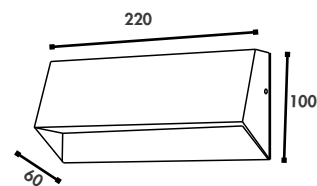
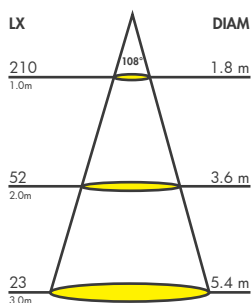
X-WING 4W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	72°	3000K	80+	160 lm	40 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	4W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	220*60(mm)	100mm		NA		

XWING- FPE072
Polar Luminous Intensity Graph



Illuminance Cone Diagram

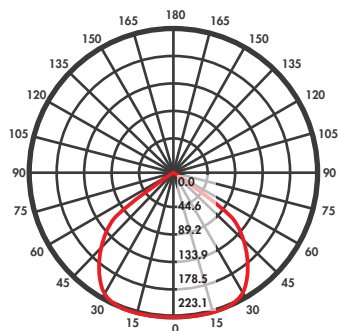


ITEM CODE ☐ FPE072 4W/3000K/GREY

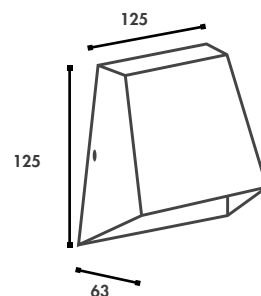
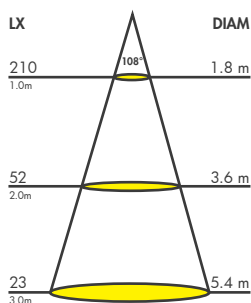
X-WING 7W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	108°	3000K	80+	344 lm	49 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	125*63(mm)	125mm		NA		

XWING- FPE071
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ☐ FPE071 7W/3000K/GREY

EROS



FPE103

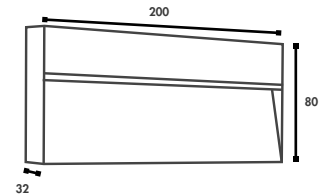
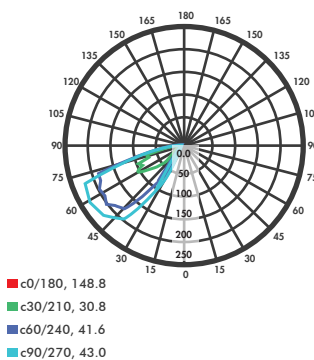


EROS

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISON	15°	3000K	80+	450 lm	75 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	200*32(mm)	80mm	NA			

EROS - FPE103

Polar Luminous Intensity Graph



ITEM CODE ● FPE103 6W/3000K/GREY

EDITION

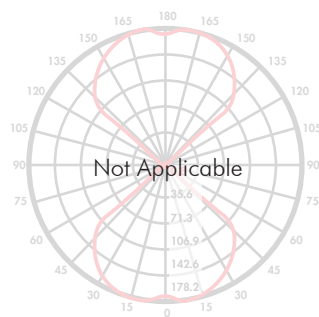


FPE878

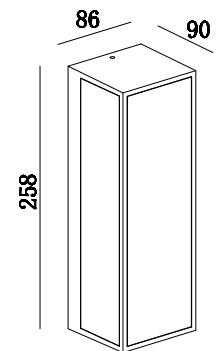
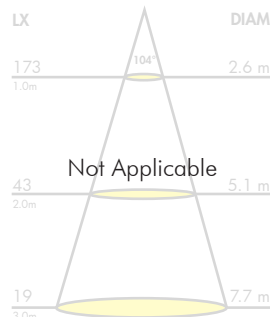


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not Included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	86*90mm	258mm	NA			

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE878 Upto 15W/E27/GREY

TRIBE

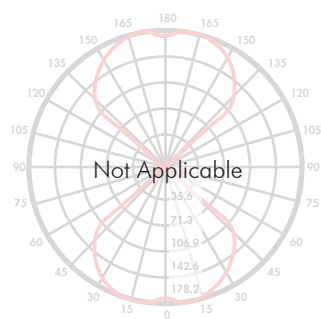


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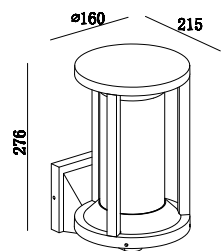
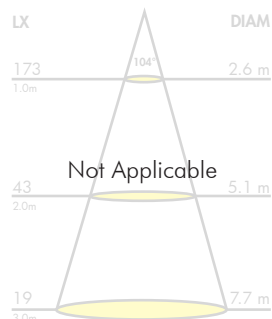


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not Included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	ø160*215mm	276mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE879 Upto 15W/E27/GREY

BRAVO

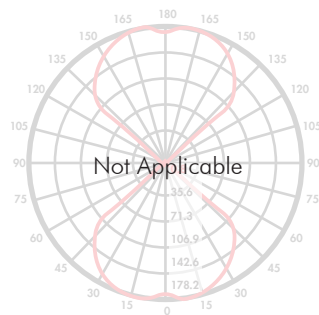


FPE882

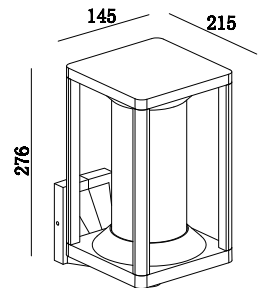
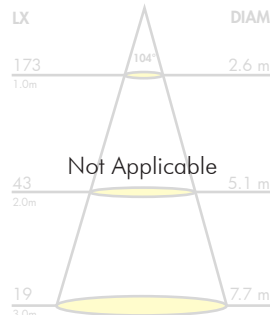


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not Included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	145*215(mm)	276mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE882 Upto 15W/E27/GREY

AURA



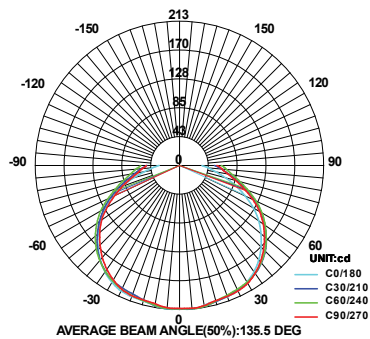
FPE885



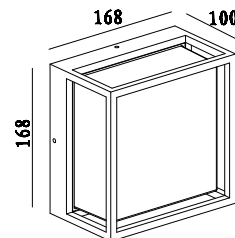
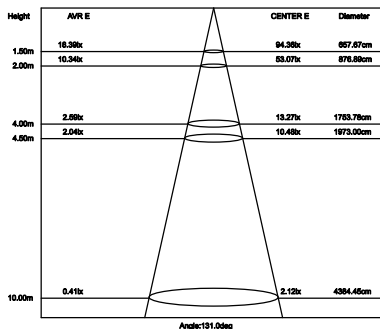
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	150°	3000K	80+	600 lm	66 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	168*100mm	168mm		NA		

AURA-15W-FPE885

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE885 9W/GREY/3000K

MODE



FPE886

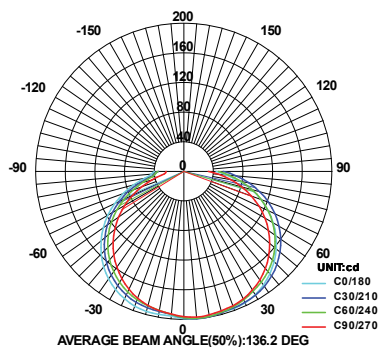


MODE

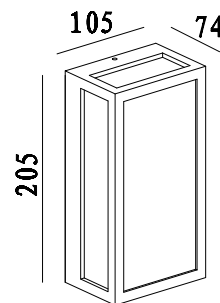
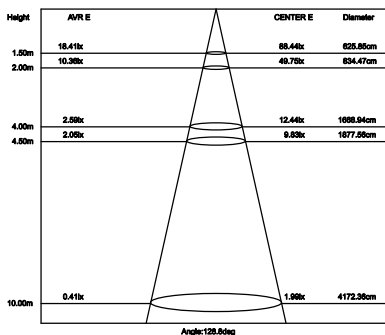
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	138°	3000K	80+	550 lm	61 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	105*74mm	205mm		NA		

MODE -15W-FPE886

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ○ FPE886 9W/GREY/3000K

ULTRA



FPE887

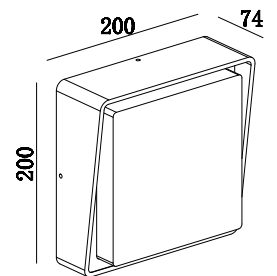
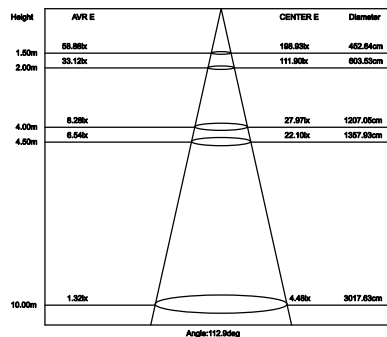
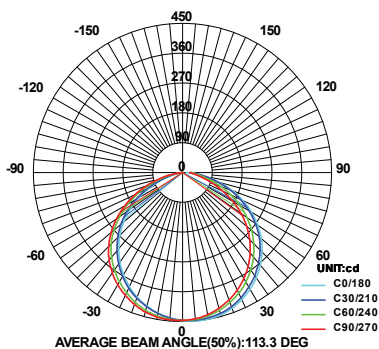


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	109°	3000K	80+	700 lm	77 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	200*74mm	200mm	NA			

ULTRA -15W-FPE887

Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ○ FPE887 9W/GREY/3000K

EXTERIOR FLOOR RECESSED OVERVIEW



Exterior floor recessed lights are a special class of lighting products. Apart from exposure to the weather it has also to withstand physical impacts. Their optics help create visuals that take lighting to a different level. It complements façade lighting and offers character to the building.

INDEX

EXTERIOR FLOOR RECESSED



FASCIO
INT 183



DOCK
INT 187



NESIS
INT 191



NEAT
INT 193



MARINE
INT 195



AQUA
INT 197



SUB
INT 199



ALOHA
INT 201



INSIDE
INT 203



SEBE
INT 205



DELI
INT 207



LAVAR
INT 209



PRATI
INT 211



AKIN
INT 213



RARE
INT 215



ICON
INT 217



LOAD
INT 219



OCULUS
INT 221



STEP
INT 223



OLYMPUS
INT 225

FASCIO
DOCK
NESIS
NEAT
MARINE
AQUA
SUB
ALOHA
INSIDE
SEBE
DELI
LAVAR
PRATI
AKIN
RARE
ICON
LOAD
OCULUS
STEP
OLYMPUS

INDEX

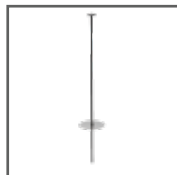
EXTERIOR FLOOR RECESSED



BRICK
INT 229



TULIP
INT 233



STICK
INT 235



NERA
INT 237



TELE
INT 239



ERBA
INT 241



KITE
INT 243

BRICK
TULIP
STICK
NERA
TELE
ERBA
KITE





FASCIO



FPE551



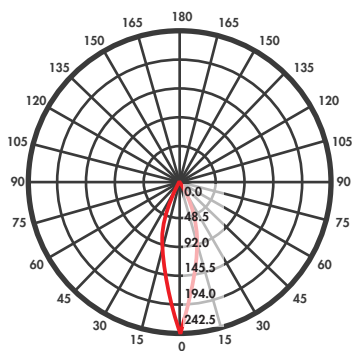
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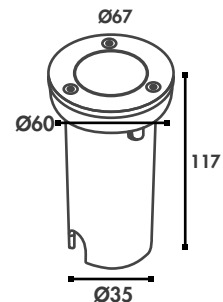
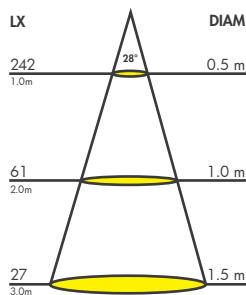
FASCIO - 1W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	28°	3000K	80+	89 lm	89 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	1W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP67	Outdoor	Floor Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	67mm	117mm	60mm			

FASCIO-FPE551
Polar Luminous Intensity Graph



Illuminance Cone Diagram

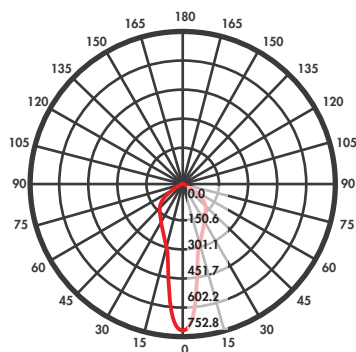


ITEM CODE ● FPE551 1W/SS/3000K

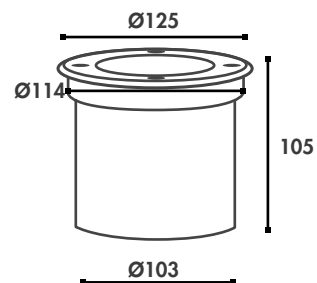
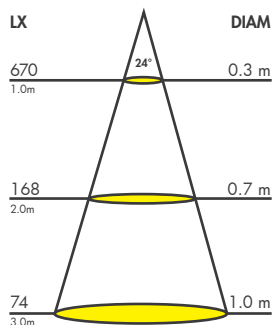
FASCIO - 7W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	28°	3000K	80+	597 lm	85 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP67	Outdoor	Floor Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	125*103mm	105mm	114mm			

FASCIO-FPE552
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE552 7W/BK/3000K



DOCK



FPE088



FPE089



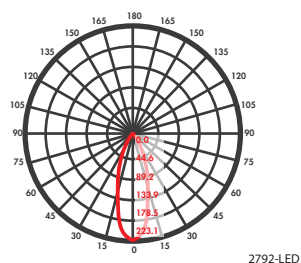
We continuously invest in people, in new markets, in production techniques and in our infrastructure – aiming to further upgrade our service abilities, expand our R&D department, testing and laboratories facilities, increase warehouse automation and extend the House of Light training center.

DOCK - 3W

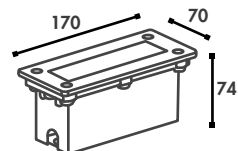
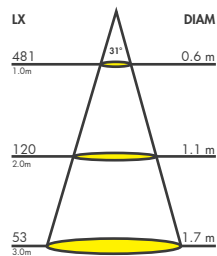
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	30°	3000K	80+	270 lm	90 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
DOCK 3W/5W- FPE088/FPE089	IP67	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	170*70(mm)	74mm		160*58(mm)		

DOCK - FPE088

Polar Luminous Intensity Graph



Illuminance Cone Diagram



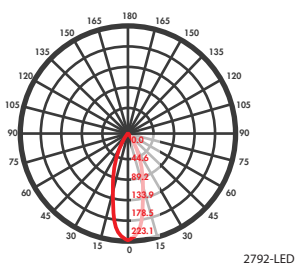
ITEM CODE ● FPE088 3W/SS/3000K

DOCK - 5W

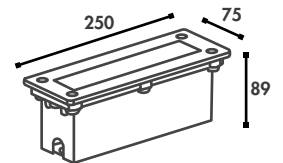
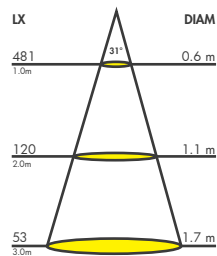
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	30°	3000K	80+	445 lm	89 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	5W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP67	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	250*75mm	89mm		240*58(mm)		

DOCK - FPE089

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE089 5W/SS/3000K

NESIS

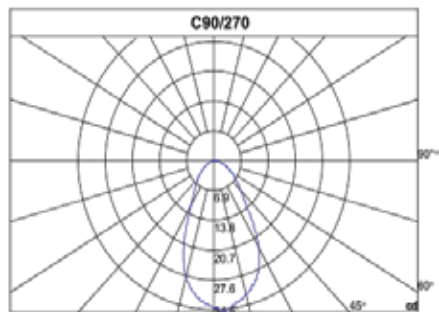


FPE1189

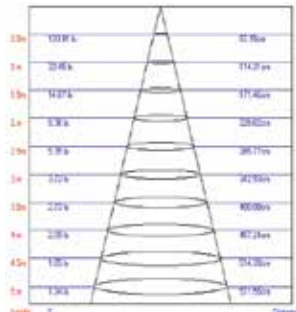
NESIS

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Aluminium			Diffuser		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	59°	3000K	80+	44 lm		18 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP67	IK08	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	42mm	63mm	40mm				

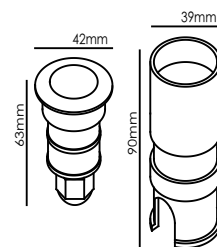
NESIS - FPE1189
Polar Luminous Intensity Graph



Illuminance Cone Diagram



Mounting Box



ITEM CODE ● FPE1189 2.4W/AL/3000K

NEAT



FPE1191

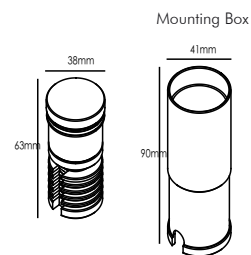
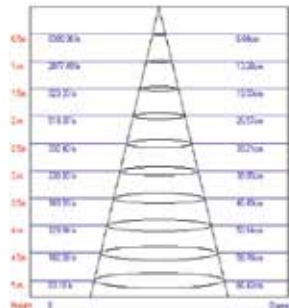
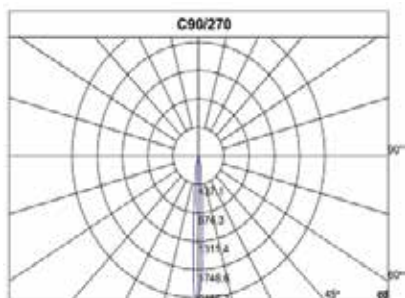
NEAT

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Black Glass			Lens		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY	
	CREE	8°	3000K	80+	114 lm	47 lm/W	
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP67	IK08	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	38mm	63mm	42 mm				

NEAT - FPE1191

Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE1191 2.4W/BK/3000K

MARINE



FPE1198

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Stainless Steel	Lens

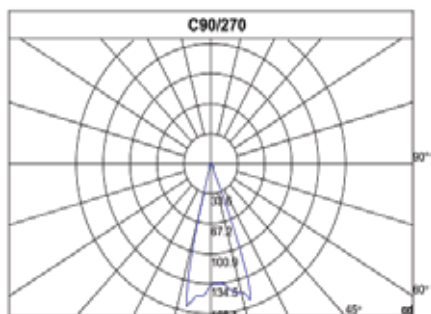
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	35°	3000K	80+	57 lm	23 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4W	90-270V	50/60 Hz	0.9	3.5V DC	700mA

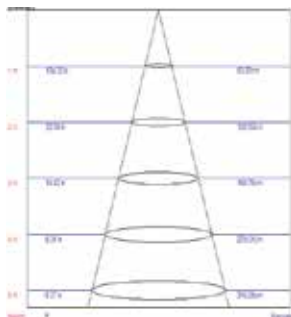
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION
	IP68	NA	Outdoor	Floor Recessed

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	40mm	26mm	27mm

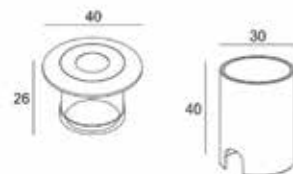
MARINE- FPE1198
Polar Luminous Intensity Graph



Illuminance Cone Diagram



Mounting Box



ITEM CODE ● FPE1198 2.4W/SS/3000K

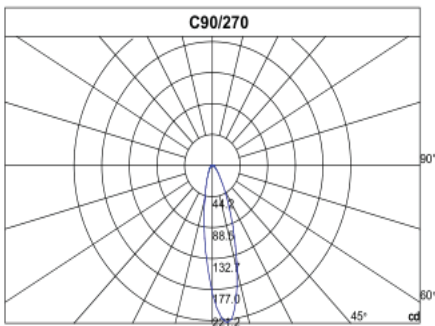
AQUA



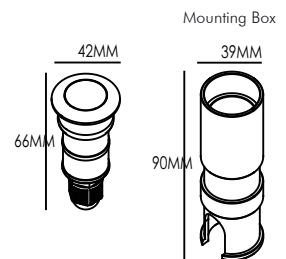
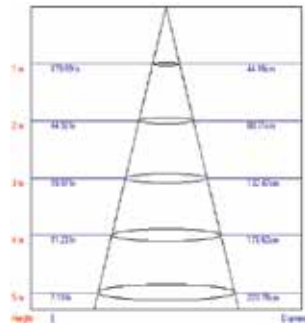
FPE1197

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Stainless Steel			Lens / Frosted Acrylic		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY	
	CREE	23°	3000K	80+	83 lm	34 lm/W	
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4 W	90-270V	50/60 Hz	0.9	3.5V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP68	IK07	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	42mm	66mm	40 mm				

AQUA -FPE1197
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1197 2.4W/SS/3000K

SUB



FPE1196

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Aluminium	Lens

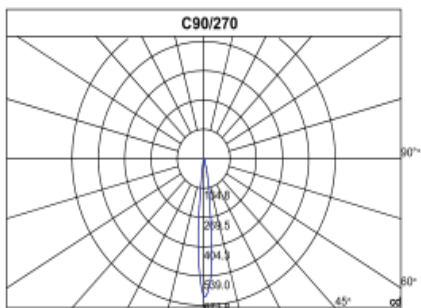
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	17°	3000K	80+	68 lm	22 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	3W	90-270V	50/60 Hz	0.9	3V DC	700mA

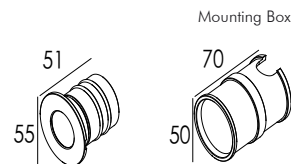
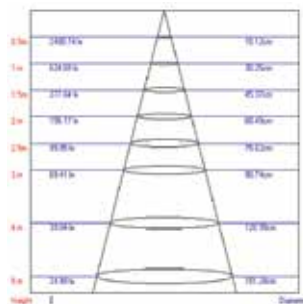
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION
	IP67	IK08	Outdoor	Floor Recessed

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	55mm	51mm	51 mm

SUB - FPE1196
Polar Luminous Intensity Graph



Illuminance Cone Diagram

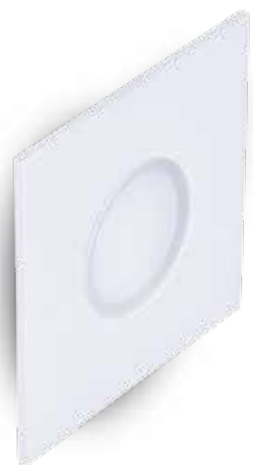


ITEM CODE ● FPE1196 3W/AL/3000K

ALOHA



FPE1207

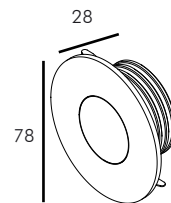
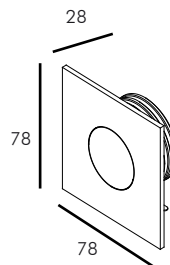
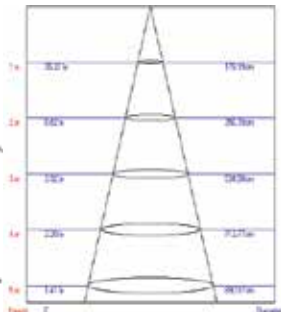
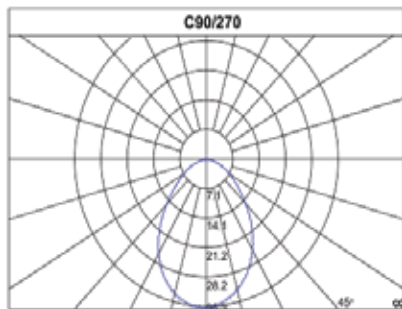


FPE1208

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Aluminium			Diffuser		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	83°	3000K	80+	66 lm		27 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4 W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP65	IK06	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	○ 78mm	28mm	55 mm				
	□ 78*78mm	28mm	55 mm				

Aloha -FPE1207/FPE1208
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ○ FPE1207 2.4W/AL/3000K/RD
 □ FPE1208 2.4W/AL/3000K/SQ

INSIDE



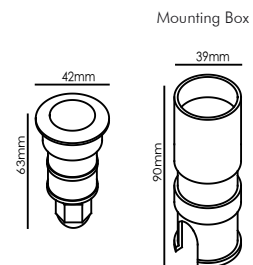
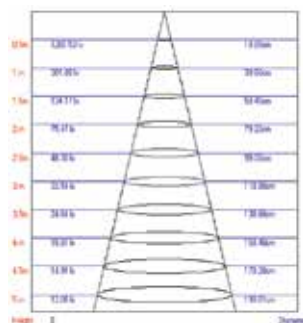
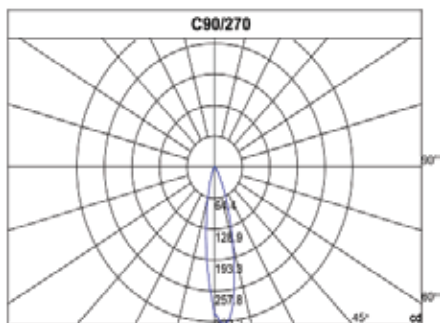
FPE1190

INSIDE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Aluminium			Lens with Honey comb Filter		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	15°	3000K	80+	79 lm		33 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	2.4 W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING		RECOMMENDED USE		INSTALLATION	
	IP67	IK08		Outdoor		Floor Recessed	
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT			
	42mm	63mm		39 mm			

INSIDE - FPE1190
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE1190 2.4W/AL/3000K

SEBE



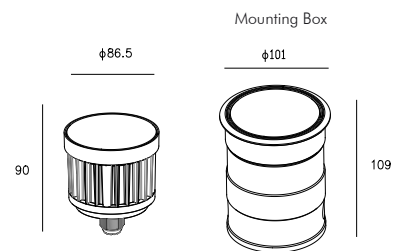
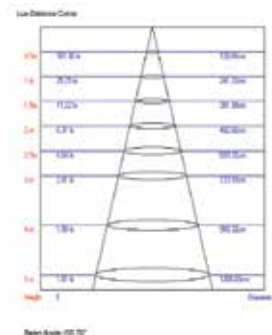
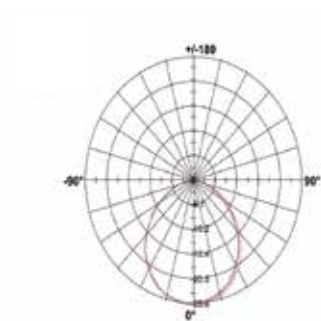
FPE1201

SEBE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Aluminium			Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	Lumileds	100°	3000K	80+	46 lm	15 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura 24V DC Optional	3W	24V DC	NA	NA	
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION		
	IP67	IK08	Outdoor	Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	86.5mm	90mm	91mm			

SEBE- FPE1201
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE1201 3W/AL/3000K

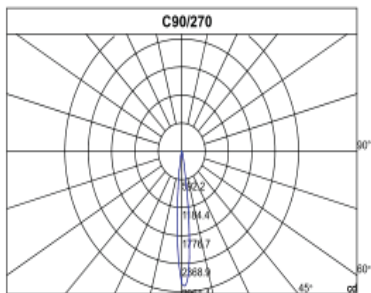
DELI



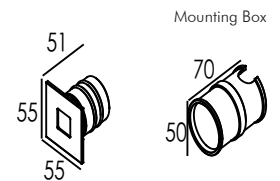
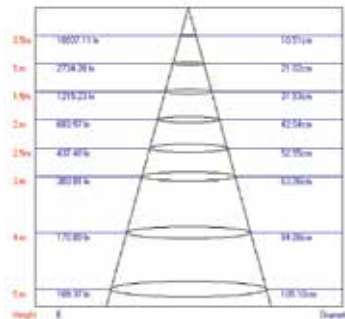
FPE1205

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	12°	3000K	80+	162 lm	55 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura 24V DC Optional	3W	24V DC	NA	NA	
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION	
	IP67	IK08	Outdoor		Floor Recessed	
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	55*55mm	51mm	42mm			

DELI - FPE1205
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1205 3W/SS/3000K

LAVAR



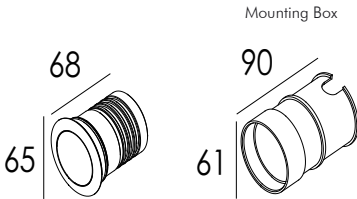
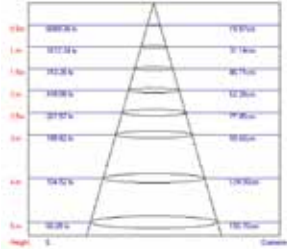
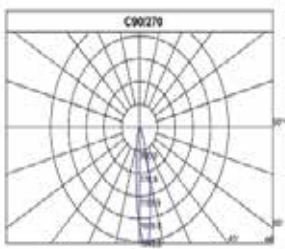
FPE1202

LAVAR

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	18°	3000K	80+	332 lm	66 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura 24V DC Optional	5W	24V DC	NA	NA	
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION	
	IP67	IK06	Outdoor		Floor Recessed	
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	65mm	68mm	62 mm			

LAVAR-FPE1202
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE1202 5W/SS/3000K

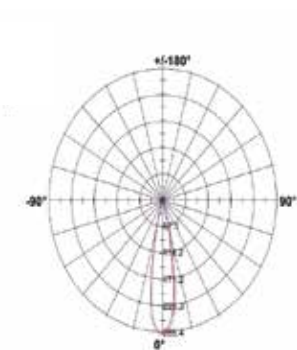
PRATI



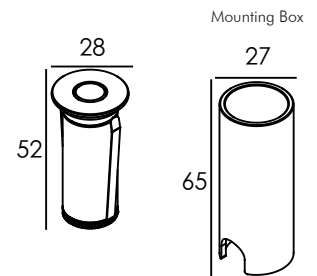
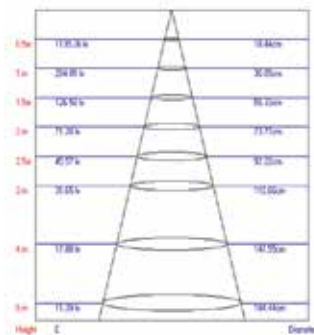
FPE1200

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Stainless Steel			lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	21°	3000K	80+	39 lm	39 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura 24V DC Optional	1W	24V DC	NA	NA	
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION	
	IP66	IK06	Outdoor		Floor Recessed	
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	28mm	52mm	29 mm			

PRATI-FPE1200
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1200 1W/SS/3000K

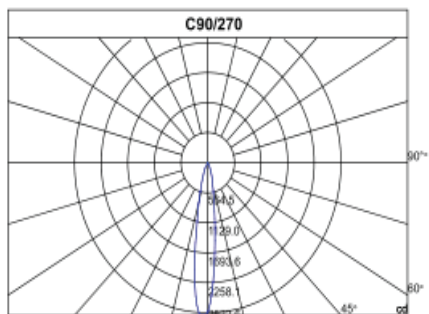
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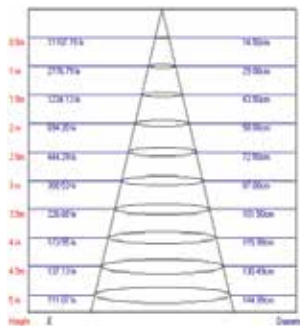
FPE1194

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Stainless Steel			Lens with Honey Comb Filter		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	16°	3000K	80+	396 lm		56 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	7 W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING		RECOMMENDED USE		INSTALLATION	
	IP67	IK08		Outdoor		Floor Recessed	
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT			
	80mm	117mm		75 mm			

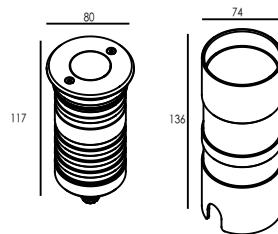
AKIN - FPE1194
Polar Luminous Intensity Graph



Illuminance Cone Diagram



Mounting Box



ITEM CODE ● FPE1194 7W/SS/3000K

RARE



FPE1192

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Stainless Steel	Lens with Honey Comb Filter

TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	16°	3000K	80+	533 lm	62 lm/W

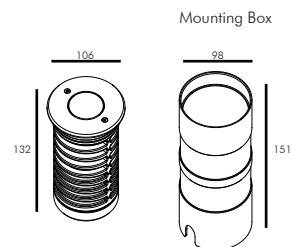
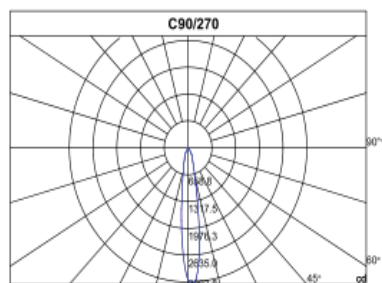
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	8.5W	90-270V	50/60 Hz	0.9	3V DC	700mA

APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION
	IP67	IK08	Outdoor	Floor Recessed

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	106mm	132mm	99mm

Rare -FPE1192
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE1192 8.5W/SS/3000K

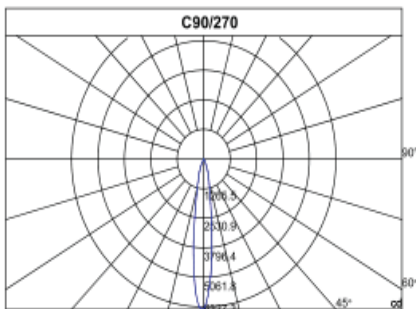
ICON



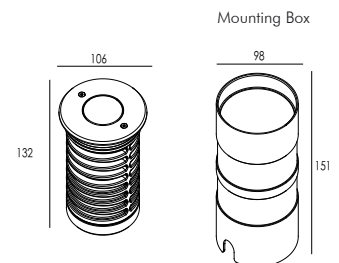
FPE1195

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Stainless Steel			Lens with Honey comb filter		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	15°	3000K	80+	615 lm		47 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	13W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP67	IK08	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	106mm	132mm	99 mm				

ICON - FPE1195
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1195 13W/SS/3000K

LOAD



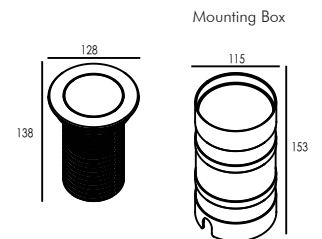
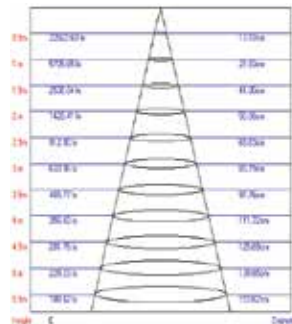
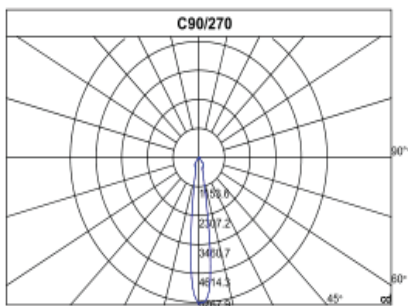
FPE1193

LOAD

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Stainless Steel			Lens		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	CREE	16°	3000K	80+	975 lm		62 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	15.6 W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP67	IK08	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	128mm	138mm	112mm				

LOAD - FPE1193
Polar Luminous Intensity Graph

Illuminance Cone Diagram



ITEM CODE ● FPE1193 15.6W/SS/3000K

OCULUS



FPE082



FPE083



FPE084



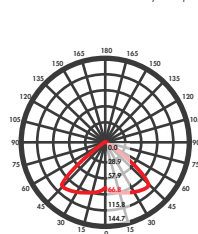
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	110°	3000K	80+	67 lm 1 way	9 lm
		99°	3000K	80+	135 lm 2 way	19 lm
		70°	3000K	80+	188 lm 4W	26 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP67	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	125mm	140mm		115mm		

OCULUS- 7W- FPE082

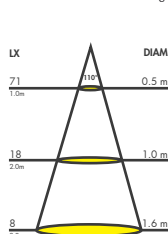
OCULUS- 7W- FPE083

OCULUS- 7W- FPE084

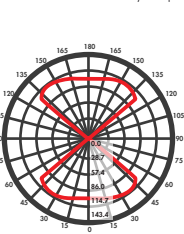
Polar Luminous Intensity Graph



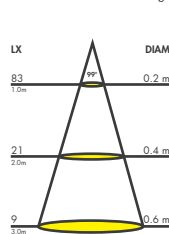
Illuminance Cone Diagram



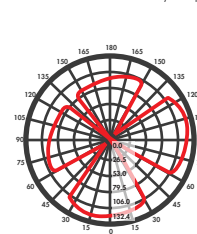
Polar Luminous Intensity Graph



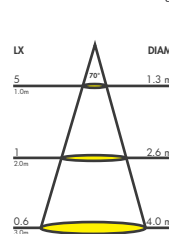
Illuminance Cone Diagram



Polar Luminous Intensity Graph

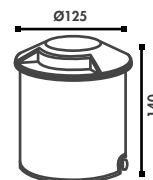


Illuminance Cone Diagram



ITEM CODE

- FPE082 7W/GREY/3000K/1 Way
- FPE083 7W/GREY/3000K/2 Way
- FPE084 7W/GREY/3000K/4 Way



FPE082 / FPE083 / FPE084

STEP



FPE1221



FPE1222



FPE1223

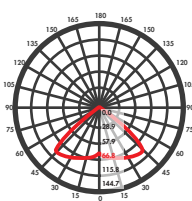


STEP

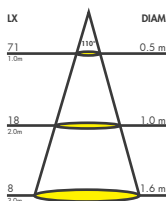
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	125°	3000K	80+	33 lm 1 way	11 lm
		130°	3000K	80+	67 lm 2 way	22 lm
		360°	3000K	80+	94 lm 4W	31 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	3W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP67	Outdoor	Floor Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	1 Way	60mm	56mm	62mm		
	2 Way	58.5mm	58mm	62mm		
	4 Way	58.5mm	58mm	65mm		

STEP - FPE1221

Polar Luminous Intensity Graph

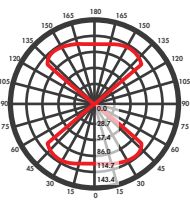


Illuminance Cone Diagram

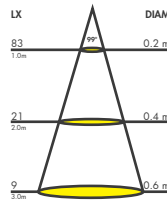


STEP - FPE1222

Polar Luminous Intensity Graph

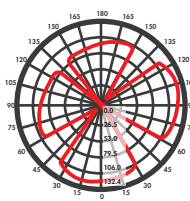


Illuminance Cone Diagram

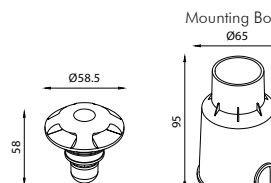
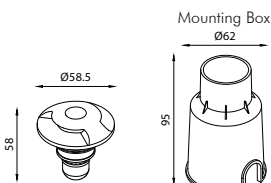
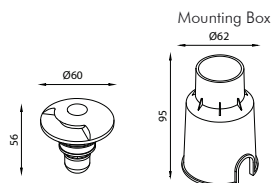
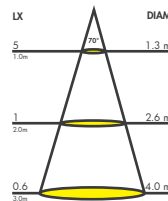


STEP - FPE1223

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1221 3W/GREY/3000K/
1 Way

● FPE1222 3W/GREY/3000K/
2 Way

● FPE1223 3W/GREY/3000K/
4 Way

OLYMPUS



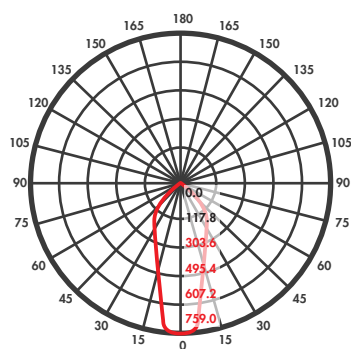
FPE066 / FPE067



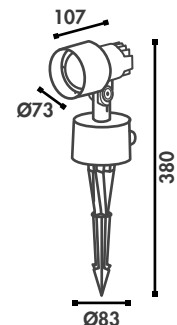
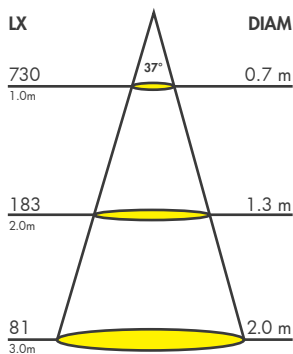
OLYMPUS - 7W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	37°	3000K	80+	436 lm	62 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	73*107mm	380mm		NA		

OLYMPUS - FPE066
Polar Luminous Intensity Graph



Illuminance Cone Diagram

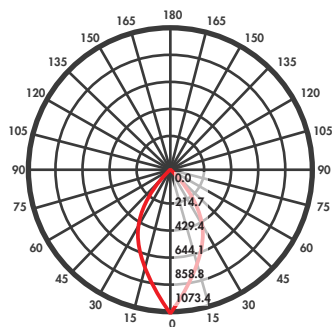


ITEM CODE ● FPE066 7W/GREY/3000K

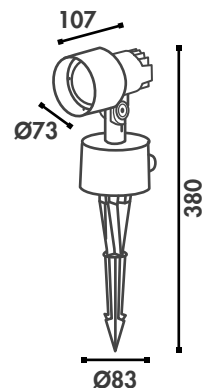
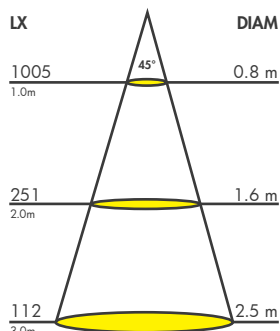
OLYMPUS - 15W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	45°	3000K	80+	786 lm	52 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	15W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	73*107mm	380mm		NA		

OLYMPUS - FPE067
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE067 15W/GREY/3000K

BRICK



FPE724



FPE725

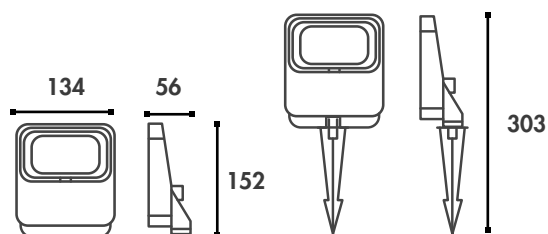
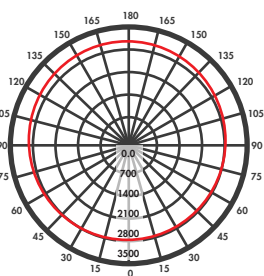
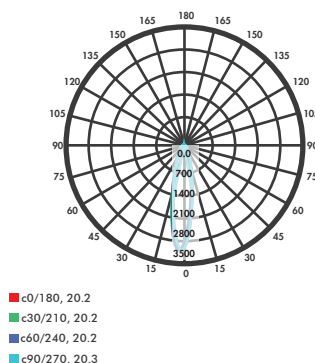


BRICK - 9W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	20°	3000K	80+	800 lm	88 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	134*56mm	152mm	NA			

BRICK - FPE724

Polar Luminous Intensity Graph



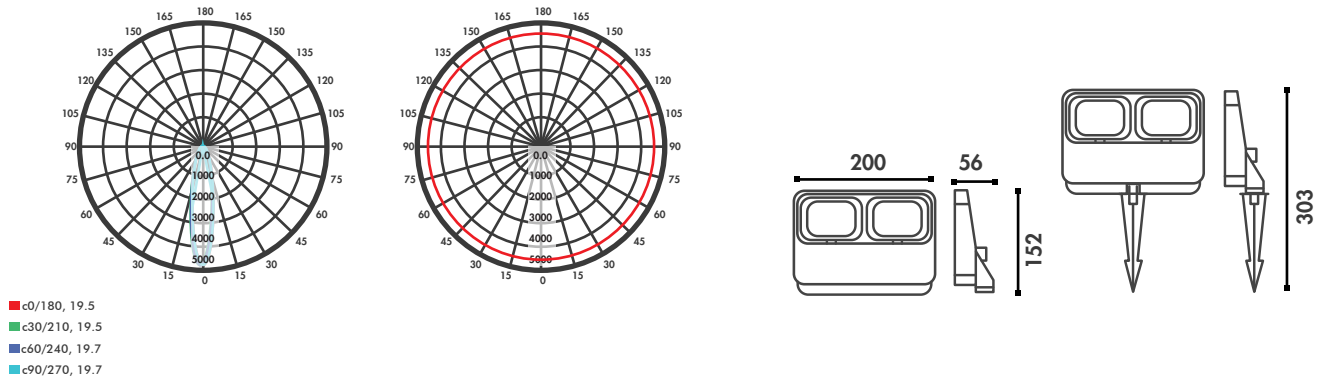
ITEM CODE ● FPE724 9W/GREY/3000K

BRICK - 12W

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	20°	3000K	80+	1300 lm	108 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	12W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	200*56mm	152mm	NA			

BRICK - FPE725

Polar Luminous Intensity Graph



ITEM CODE ● FPE725 12W/GREY/3000K

TULIP

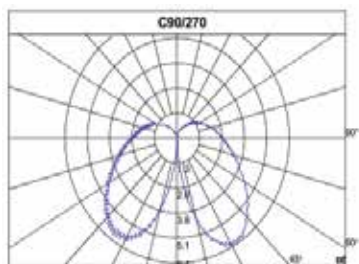


FPE1204

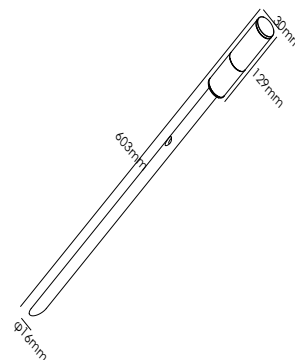
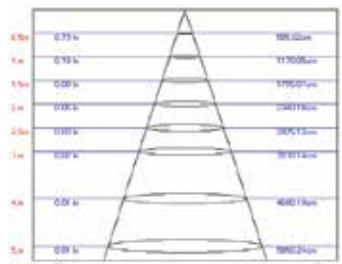
TULIP

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Black			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	160°	3000K	80+	36 lm	12 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura 24V DC Optional	3W	24V DC	NA	NA	
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION		
	IP65	IK06	Outdoor	Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	30mm	603mm	NA			

TULIP-FPE1204
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1204 3W/BK/3000K

STICK

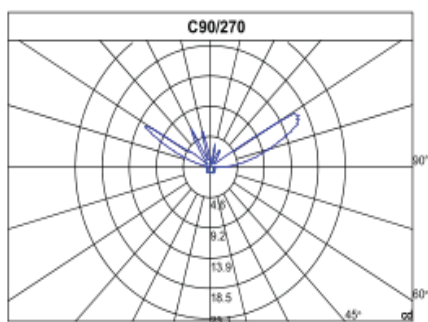


FPE1199

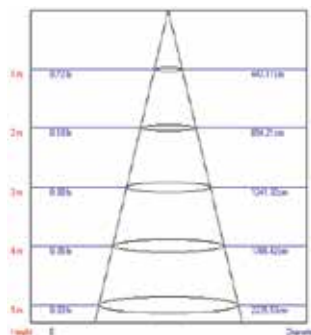
STICK

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Graphite Grey Powder cotaing			Lens		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX		SYSTEM EFFICIENCY
	OSRAM	132°	3000K	80+	172 lm		57 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	3W	90-270V	50/60 Hz	0.9	3V DC	700mA
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE		INSTALLATION		
	IP67	IK06	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	70mm	987.5mm	NA				

STICK - FPE1199
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1199 3W/Grey/3000K

NERA



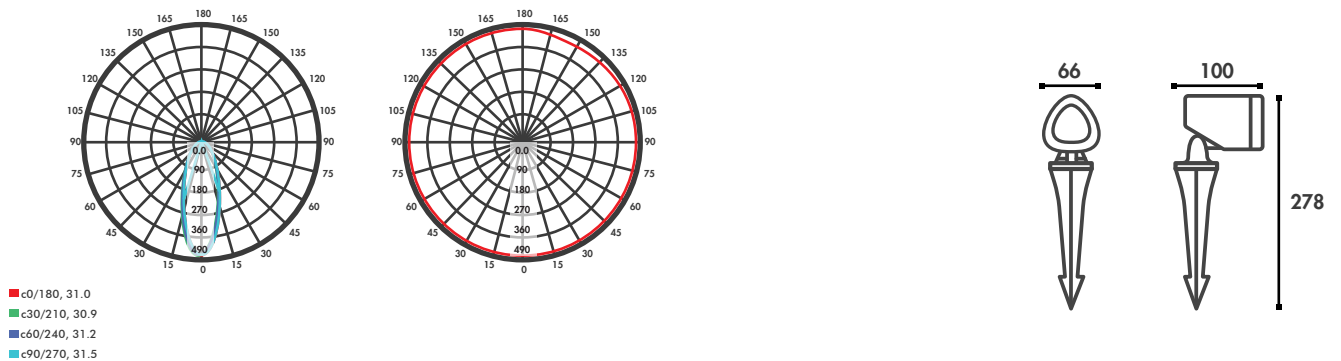
FPE726



LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	31°	3000K	80+	175 lm	50 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	3.5W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	66*100mm	278mm		NA		

NERA - FPE726

Polar Luminous Intensity Graph



ITEM CODE ● FPE726 3.5W/GREY/3000K

TELE

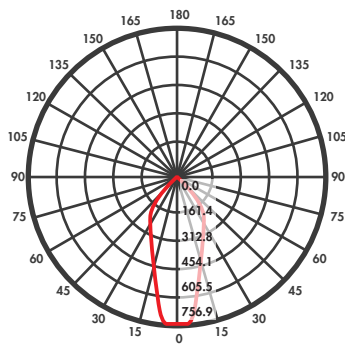


FPE086

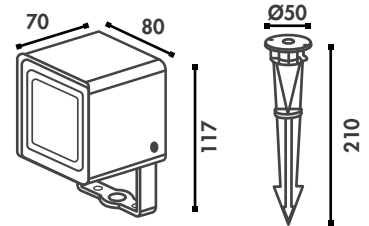
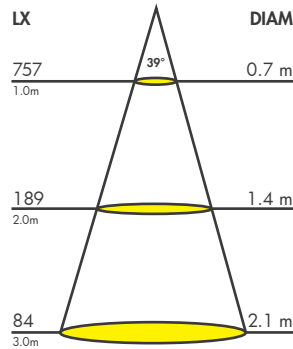


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	41°	3000K	80+	546 lm	78 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	7W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	80*70mm	117mm		NA		

TELE - FPE086
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE086 7W/GREY/3000K

ERBA

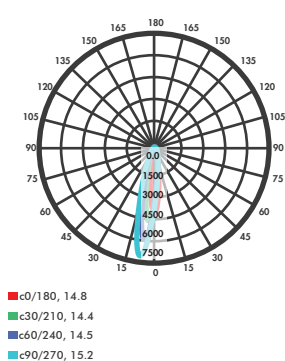


FPE715 / FPE716

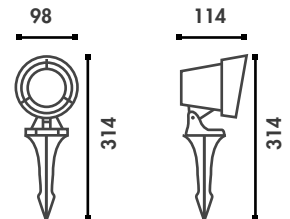
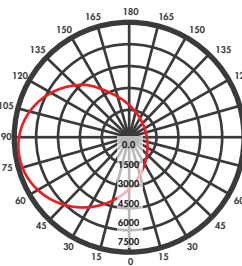


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	15° 36°	3000K 3000K	80+ 80+	985 lm 985 lm	82 lm/W 82 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	12W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Recessed			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	98*114mm	314mm	NA			

ERBA-FPE715 / FPE716
Polar Luminous Intensity Graph



Polar Luminous Intensity Graph



ITEM CODE	
● FPE715	12W/Grey/3000K/15°
● FPE716	12W/Grey/3000K/36°

KITE

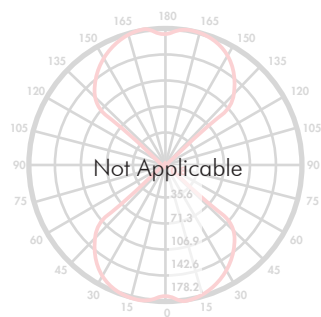


FPE719

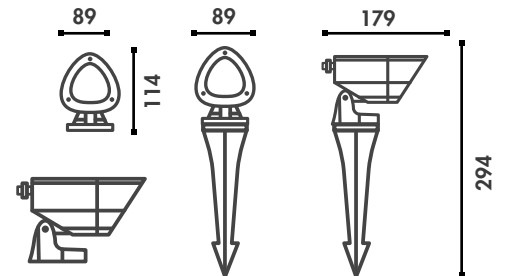
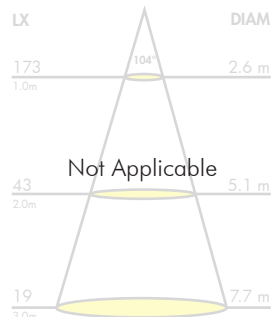


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	GU10 Lamp Base (Lamp not Included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 20W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	89*179mm	294mm		NA		

Polar Luminous Intensity Graph

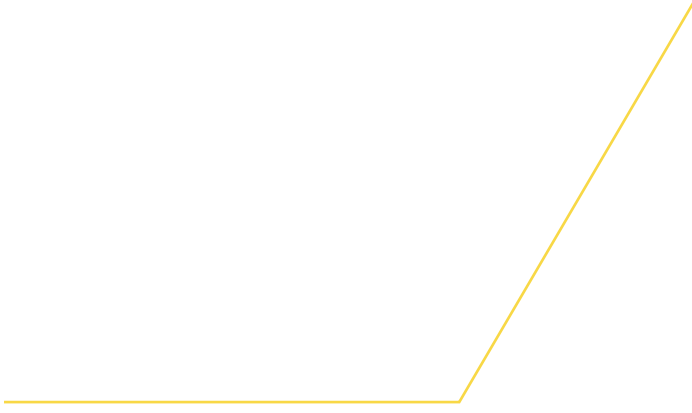


Illuminance Cone Diagram



ITEM CODE FPE719 Max 20W/Gu10

EXTERIOR FLOOR SURFACE OVERVIEW



Exterior floor surface lights come in a variety of designs. They infuse life into the landscape and transform the scene to a visual delight. Be it a bollard, spike, or a pole we have a vast range to suit every application. Outdoor architectural lights enhance the aesthetics, accessibility and safety for the user.

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EXTERIOR FLOOR SURFACE



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EXTERIOR FLOOR SURFACE



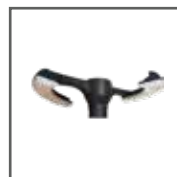
NOHO
INT 301



ADRIAN
INT 303



LOTUS
INT 305



FEDORA
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SKY
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FUSE
INT 311



TRIBE
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BRAVO
INT 317

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ADRIAN
LOTUS
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SKY
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BRAVO







TARDIS



FPE051



FPE052



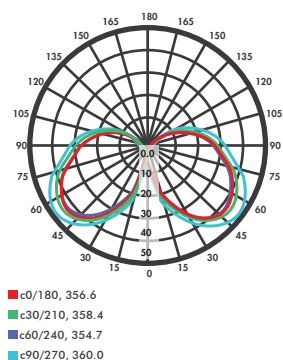
FPE050



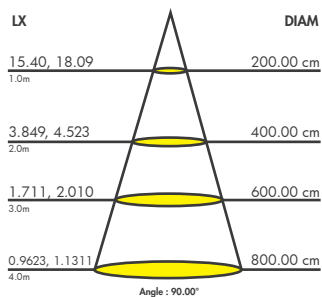
TARDIS

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	360°	3000K	80+	228 lm	38 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	108mm	145mm		NA		

TARDIS - FPE050
Polar Luminous Intensity Graph



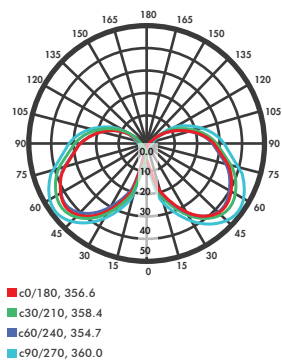
Illuminance Cone Diagram



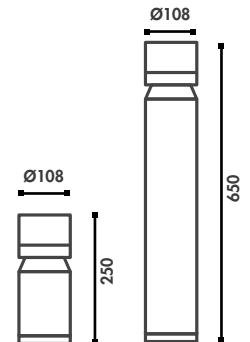
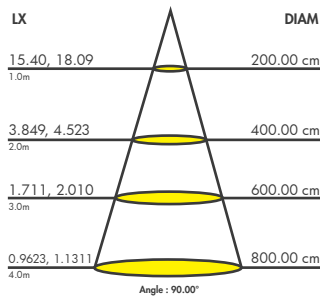
ITEM CODE FPE050 6W/Grey/3000K

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	360° 360°	3000K 3000K	80+ 80+	228 lm BL/S 228 lm BL/L	38 lm/W 38 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	6W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	108mm	650mm	NA			
	108mm	250mm	NA			

TARDIS FPE051/52
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE	BL/L	FPE051	6W/Grey/3000K
	BL/S	FPE052	6W/Grey/3000K

TOWER



FPE080



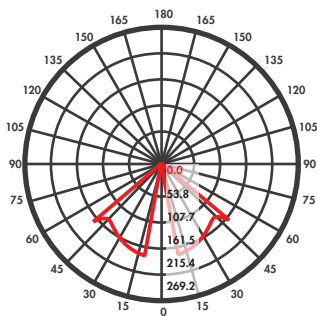
FPE081



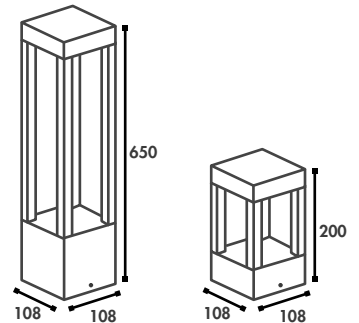
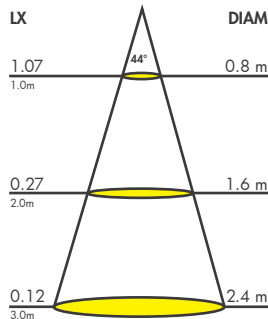
TOWER

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	36° 44°	3000K 3000K	80+ 80+	400 lm BL/S 422 lm BL/L	57 lm/W 60 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	BL/S 108*108mm	200mm	NA			
	BL/L 108*108mm	650mm	NA			

TOWER - FPE080/FPE081
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE	BL/S FPE080	7W/GREY/3000K
	BL/L FPE081	7W/GREY/3000K

STUDIO



FPE016



FPE017



LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Lens

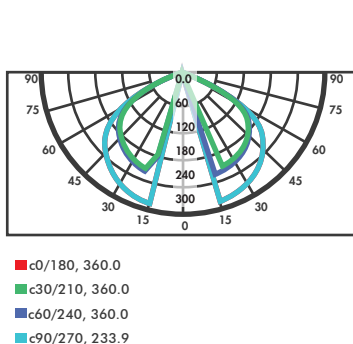
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	330° 330°	3000K 3000K	80+ 80+	497 lm BL/S 497 lm BL/M	71 lm/W 71 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	7W	90-270V	50/60 Hz	0.9

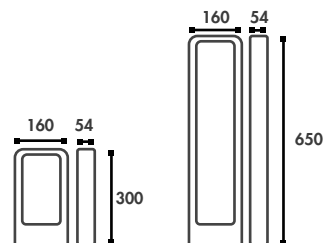
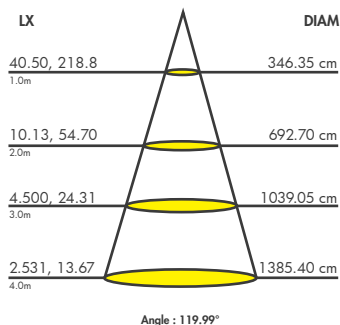
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP54	Outdoor	Floor Surface

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
BL/S	160*54mm	300mm	NA
BL/M	160*54mm	650mm	NA

STUDIO - FPE016/FPE017
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE	BL/S	FPE016	7W/GREY/3000K
	BL/M	FPE017	7W/GREY/3000K

CURL



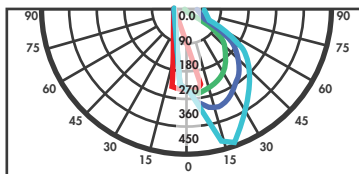
FPE026



CURL - Bollard

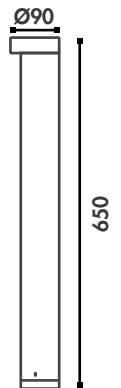
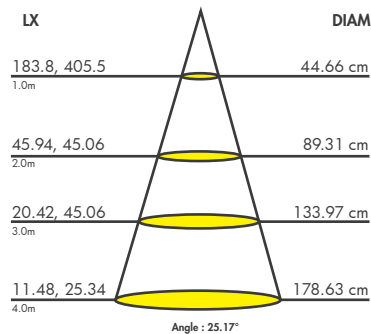
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	50°	3000K	80+	427 lm	61 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	90mm	650mm	NA			

CURL FPE026
Polar Luminous Intensity Graph



- c0/180, 25.1
- c30/210, 66.5
- c60/240, 67.6
- c90/270, 62.3

Illuminance Cone Diagram



ITEM CODE FPE026 7W/Grey/3000K

ODIN



FPE078

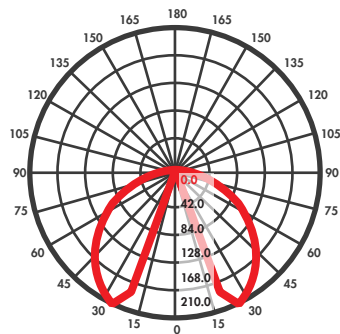


FPE079

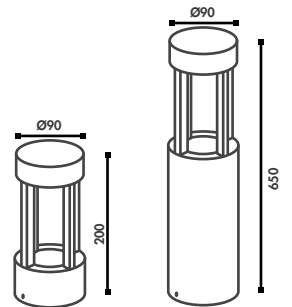
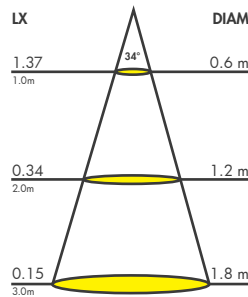


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	40°	3000K	80+	419 lm BL/S	59 lm/W
		40°	3000K	80+	419 lm BL/L	59 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	BL/S	90mm	200mm	NA		
	BL/L	90mm	650mm	NA		

ODIN - FPE078/FPE079
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE	BL/S	FPE078	7W/Grey/3000K
	BL/L	FPE079	7W/Grey/3000K



REVERE



FPE274



FPE542



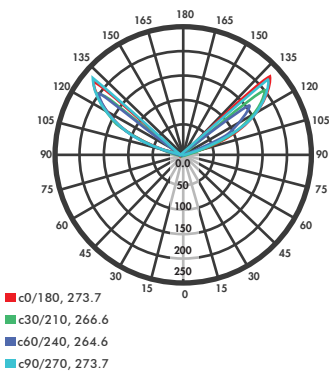
FPE273



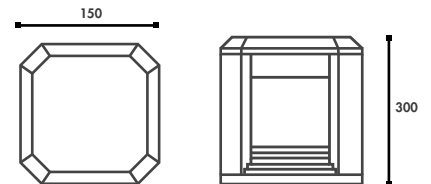
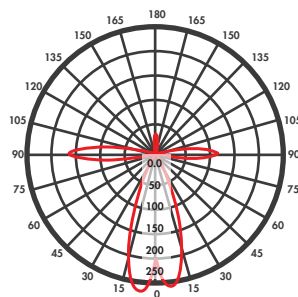
REVERE

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	267°	3000K	80+	1200 lm	92 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	13W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	150*150(mm)	300mm	NA			

Revere - FPE273
Polar Luminous Intensity Graph



Polar Luminous Intensity Graph

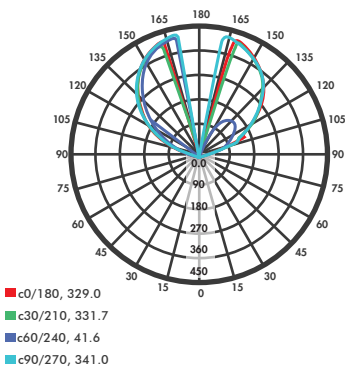


ITEM CODE ● FPE273 13W/GREY/3000K

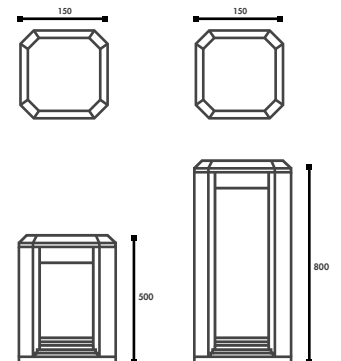
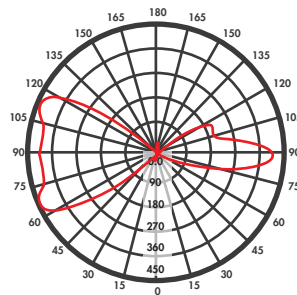
REVERE

LUMINAIRE	FIXTURE		SURFACE FINISH		OPTICS	
	Aluminium Die Cast		Graphite Grey Powder Coating		PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	267° 267°	3000K 3000K	80+ 80+	1200 lm BL/S 1200 lm BL/L	92 lm 92 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR		TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated		13W	90-270V	50/60 Hz	0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB		HEIGHT		CUTOUT	
	BL/S	150mm	500mm		NA	
	BL/L	150mm	800mm		NA	

Revere - FPE274 / FPE542
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE

- FPE542 13W/GREY/3000K/BL/S
- FPE274 13W/GREY/3000K/BL/L

ARC



FPE721



FPE722



FPE723



LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Lens / PC Diffuser

TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	253.9°	3000K	80+	1200 lm BL/S	92 lm/W
		253.9°	3000K	80+	1200 lm BL/M	92 lm/W
		253.9°	3000K	80+	1200 lm BL/L	92 lm/W

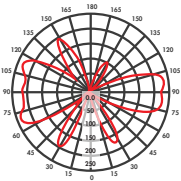
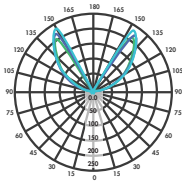
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	13W	90-270V	50/60 Hz	0.9

APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP65	Outdoor	Floor Surface

DIMENSIONS	DIA/LX8	HEIGHT	CUTOUT
BL/S	121*152mm	300mm	NA
BL/M	121*152mm	500mm	NA
BL/L	121*152mm	800mm	NA

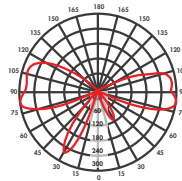
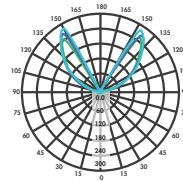
Arc - FPE721

Polar Luminous Intensity Graph



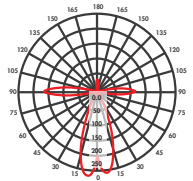
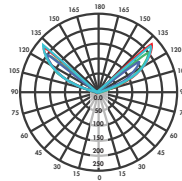
Arc - FPE272

Polar Luminous Intensity Graph



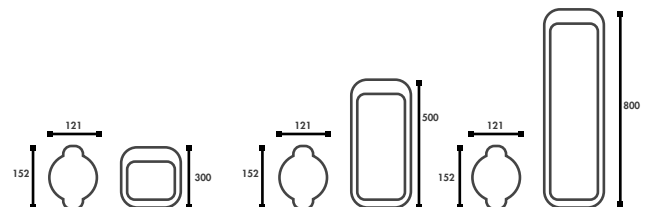
Arc - FPE273

Polar Luminous Intensity Graph



ITEM CODE

BL/S	FPE721	13W/Grey/3000K
BL/M	FPE722	13W/Grey/3000K
BL/L	FPE723	13W/Grey/3000K





CITY



FPE744



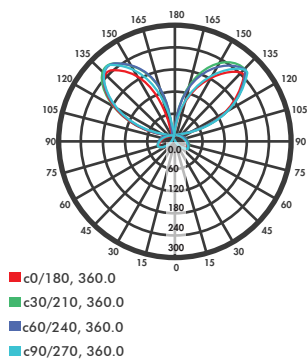
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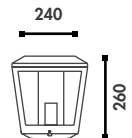
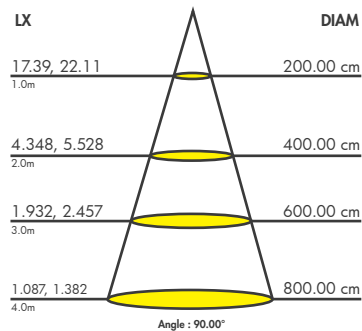
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	Osram	360°	3000K	80+	1118 lm	62 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	18W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	240*240mm	260mm	NA			

CITY - FPE744

Polar Luminous Intensity Graph



Illuminance Cone Diagram

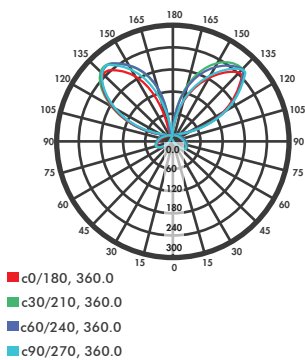


ITEM CODE FPE744 18W/Grey/3000K

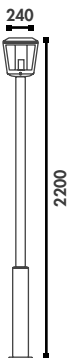
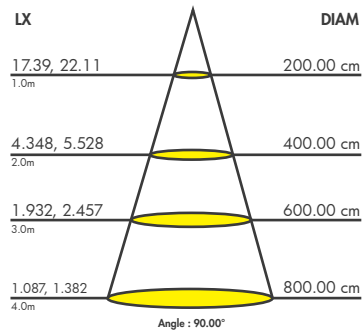
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	Osram	360°	3000K	80+	1118 lm	62 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	18W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	240*240mm	2200mm		NA		

CITY - FPE745

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE745 18W/Grey/3000K

CUBIC



FPE116 / FPE115



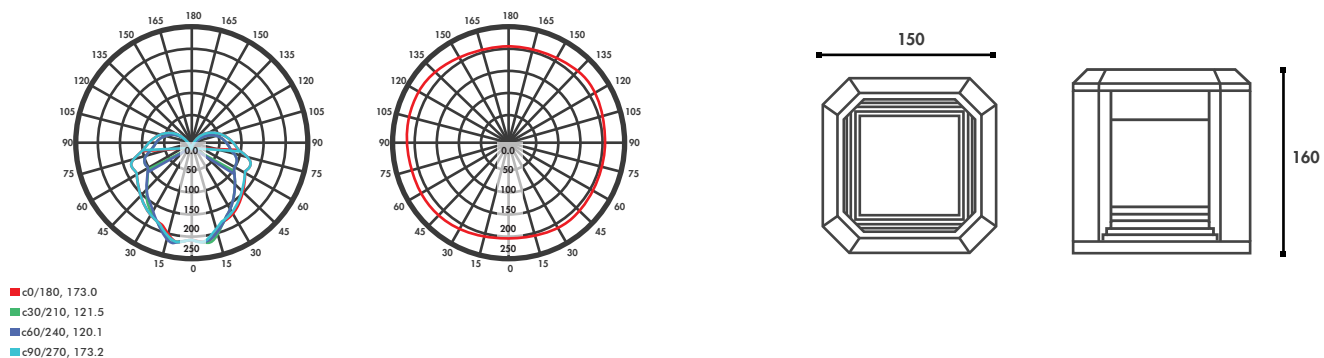
FPE271



CUBIC

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	147°	3000K	80+	1200 lm	100 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	12W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	150*150mm	160mm		NA		

CUBIC - FPE116
Polar Luminous Intensity Graph

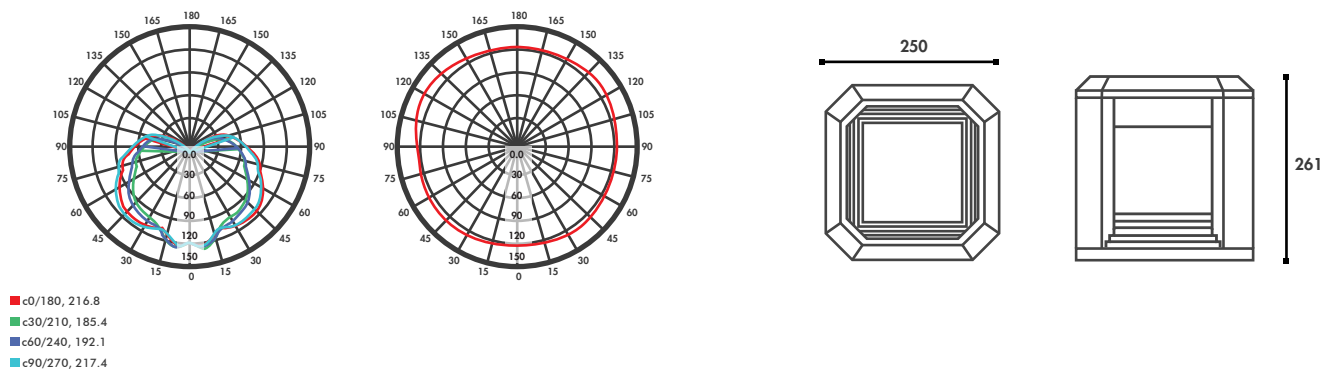


ITEM CODE FPE116 12W/GREY/3000K

CUBIC

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	OSRAM	147°	3000K	80+	2000 lm	100 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	20W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	250*250mm	261mm	NA			

CUBIC - FPE115
Polar Luminous Intensity Graph

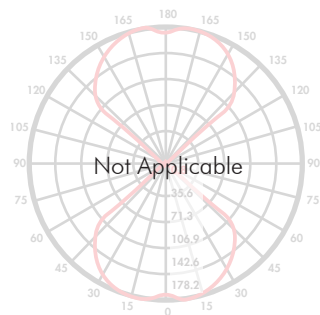


ITEM CODE FPE115 20W/GREY/3000K

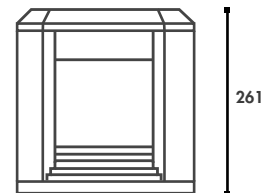
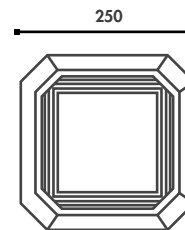
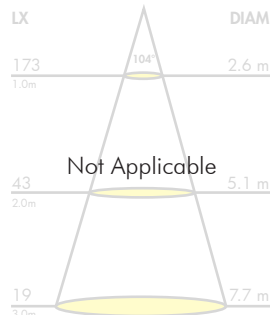
CUBIC

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	upto 23W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	250*250mm	261mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE

FPE271 Upto 23W/GREY / E27



MAGNA



FPE037

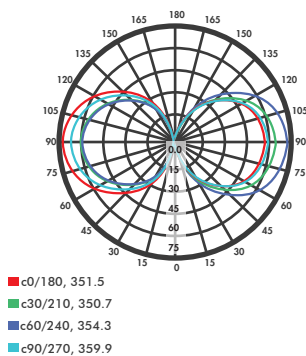


FPE038

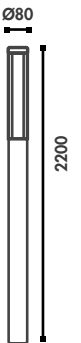
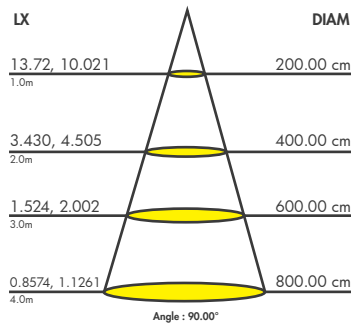


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	350°	3000K	80+	1600 lm	59 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY		POWER FACTOR
	Futura Integrated	27W	90-270V	50/60 Hz		0.9
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP54	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	80mm	2200mm		NA		

MAGNA - FPE037
Polar Luminous Intensity Graph



Illuminance Cone Diagram

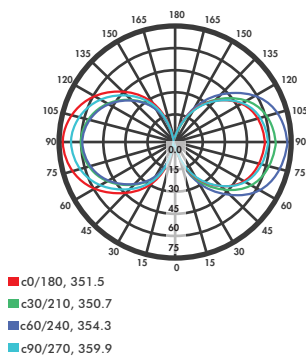


ITEM CODE FPE037 27W/Grey/3000K

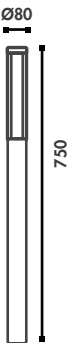
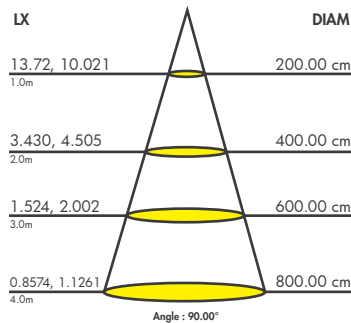
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	350°	3000K	80+	535 lm	59 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	9W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	80mm	750mm	NA			

MAGNA FPE038

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE038 9W/Grey/3000K

ARCH



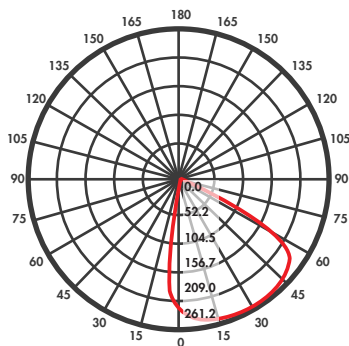
FPE085



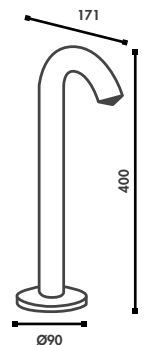
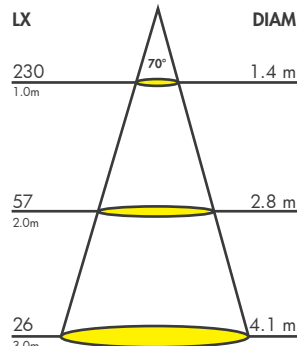
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	70°	3000K	80+	317 lm	79 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	4W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	171mm	400mm	NA			

ARCH - FPE085

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE

FPE085 4W/Grey/3000K

SPIRE



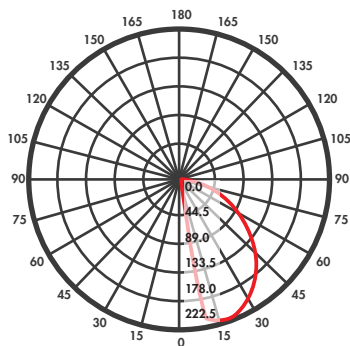
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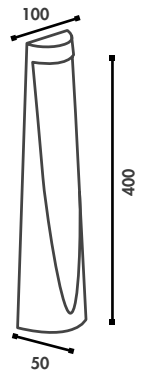
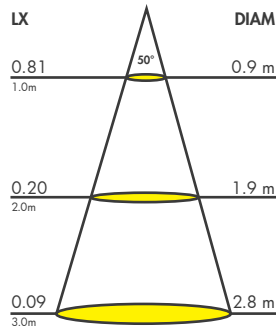
SPIRE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	50°	3000K	80+	303 lm	43 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	100mm	400mm		NA		

SPIRE - FPE091
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE091 7W/Grey/3000K

BEAM



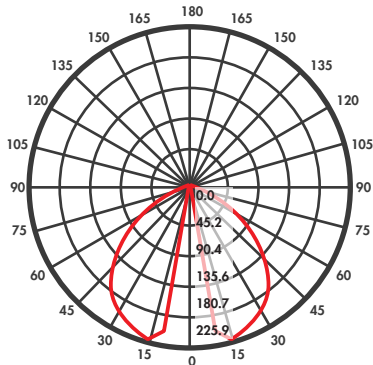
FPE759



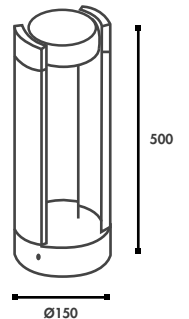
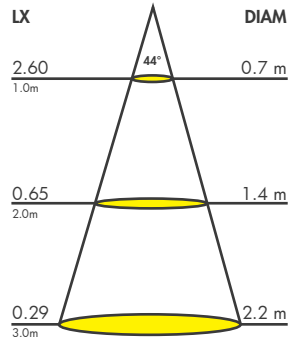
BEAM

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	44°	3000K	80+	534 lm	76 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	7W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	150mm	500mm		NA		

BEAM - FPE759
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE759 7W/Grey/3000K

GAZEBO



FPE043



GAZEBO

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	NA

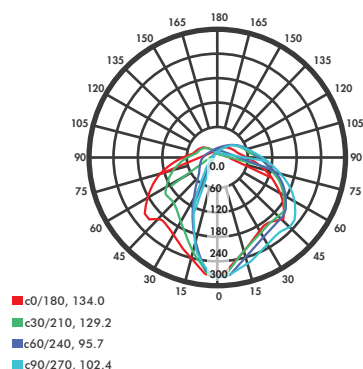
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	360°	3000K	80+	870 lm	72 lm

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	12W	90-270V	50/60 Hz	0.9

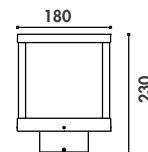
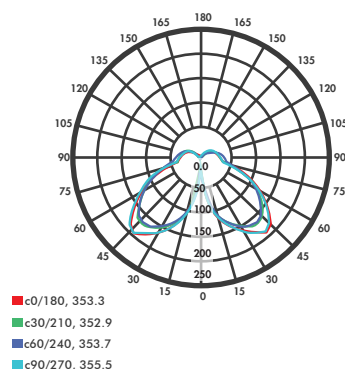
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP54	Outdoor	Floor Surface

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	230mm	180mm	NA

GAZEBO - FPE043
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE043 12W/Grey/3000K

HOODIE



FPE031



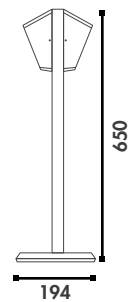
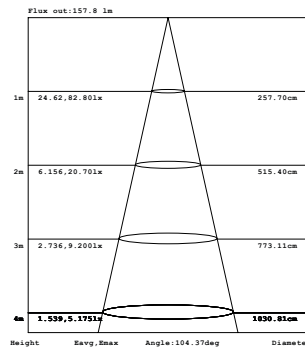
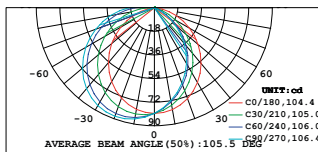
HOODIE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	111°	3000K	80+	812 lm	67 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	12W (2X6W)	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMENDED USE		INSTALLATION		
	IP54	Outdoor		Floor Surface		
DIMENSIONS	DIA/LX8	HEIGHT		CUTOUT		
	194mm	650mm		NA		

Hoodie - FPE031

Polar Luminous Intensity Graph

Polar Luminous Intensity Graph



ITEM CODE

FPE031 12W/Grey/3000K

BASE



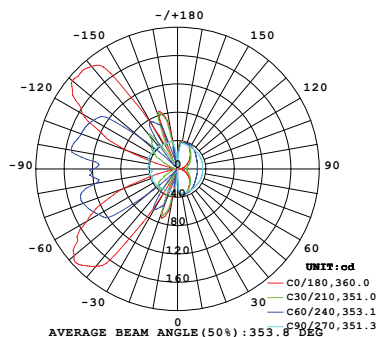
FPE845



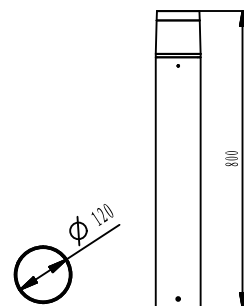
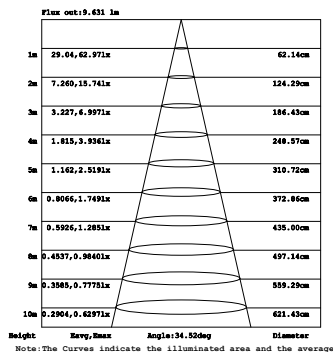
BASE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EDISION	360°	3000K	80+	650 lm	43 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	15W	220-240V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Recessed		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT	REMARK	
	120mm	800mm		NA	Floor Lamp	

BASE-FPE845
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE845 15W/Grey/3000K

GYRO



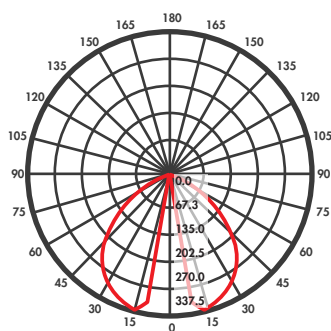
FPE058



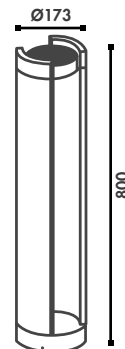
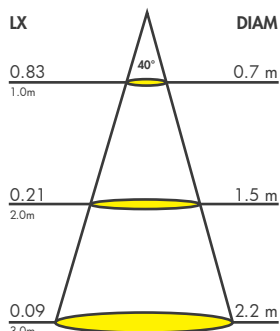
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			PC Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	58°	3000K	80+	722 lm	48 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	15W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	173mm	800mm	NA			

GYRO - FPE058

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE058 15W/Grey/3000K

HALO

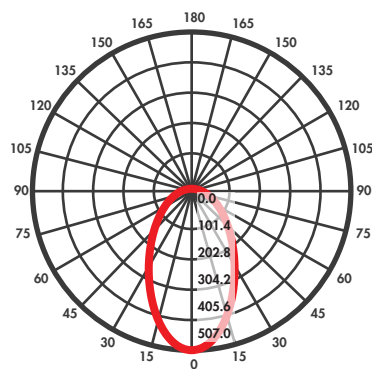


FPE553

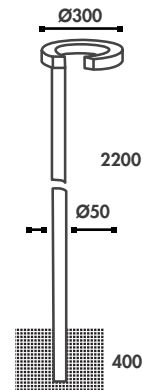
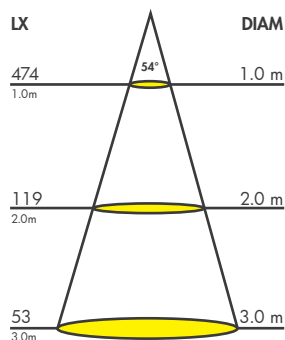


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens with diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	54°	3000K	80+	873 lm	36 lm/W
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	24W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP54	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	300mm	2200mm	NA			

HALO - FPE553
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE553 24W/Grey/3000K

PHANTOM

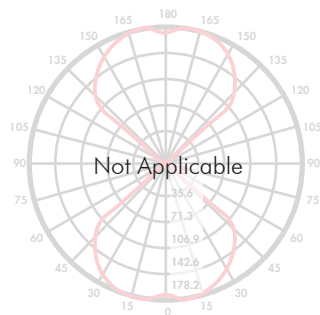


FPE049

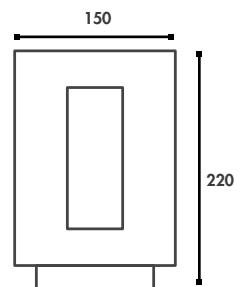
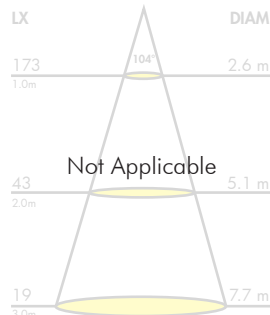


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 26W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP44	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	150*150mm	220mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE FPE049 Upto 26W-E27/Grey



ERBA



FPE714 / FPE718



FPE717



LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Reflector

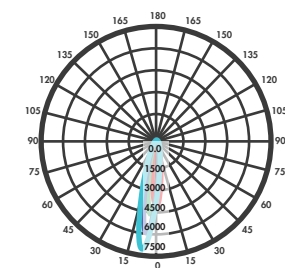
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	24°	3000K	80+	1000 lm	83 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR
	Futura Integrated	12W	90-270V	50/60 Hz	0.9

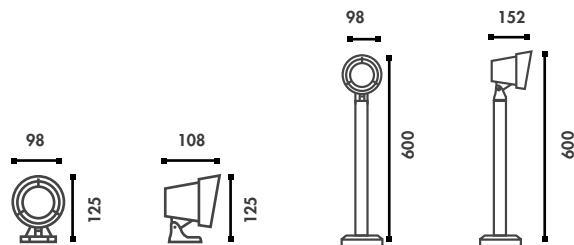
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION
	IP65	Outdoor	Floor Recessed

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT	REMARK
	98*108(mm)	125mm	NA	Floor Lamp
	98*152(mm)	600mm	NA	Floor Lamp

ERBA-FPE714/715/715/717
Polar Luminous Intensity Graph



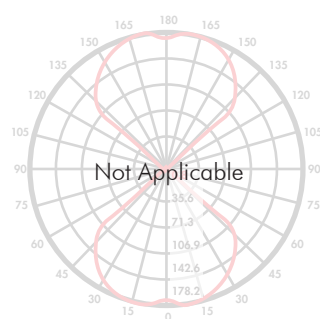
■ c0/180, 14.8
■ c30/210, 14.4
■ c60/240, 14.5
■ c90/270, 15.2



ITEM CODE	
● FPE714	12W/Grey/3000K/FL
● FPE717	12W/Grey/3000K/FL

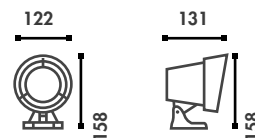
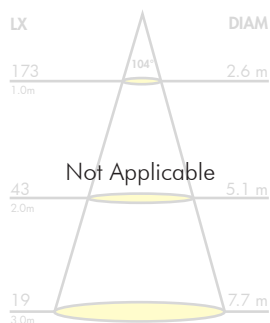
LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Reflector	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	GU10 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	Upto 35W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	122*131mm	158mm		NA		

Polar Luminous Intensity Graph



■ c90/270, 15.2

Illuminance Cone Diagram



ITEM CODE ● FPE718 Upto 35W-GU10/Grey

NOHO



FPE1203

LUMINAIRE	FIXTURE	SURFACE FINISH	OPTICS
	Aluminium Die Cast	Graphite Grey Powder Coating	Lens + Honey Comb Filter

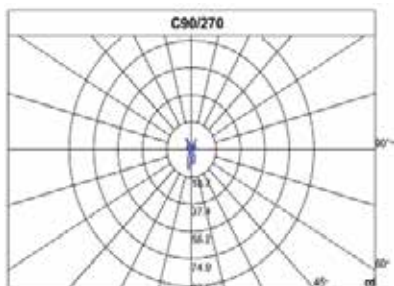
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	CREE	172°	3000K	80+	67 lm	9 lm/W

ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTGE	RATED FREQUENCY	POWER FACTOR	OUTPUT VOLTGE	OUTPUT CURRENT
	External HEP	7.2W	90-270V	50/60 Hz	0.9	18V DC	350mA

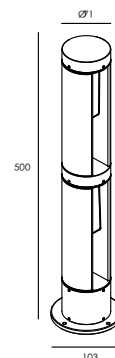
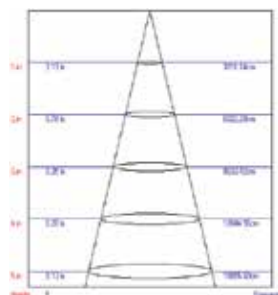
APPLICATION	IP RATING	IK RATING	RECOMMENDED USE	INSTALLATION
	IP65	IK06	Outdoor	Floor Surface

DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT
	71mm Base - 103mm	500mm	NA

NOHO - FPE1203
Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE1203 7.2W/Grey/3000K

ADRIAN



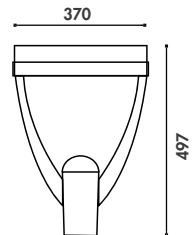
FPE1212



ADRIAN

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	LUMILEDS	120°	3000K	80+	2625 lm	75 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	35W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	Head Size	370mm	497mm	NA		
	Pole Size	76mm	NA	NA		

Note : For Photometric/IES details please refer our website www.futuralights.com
Mounting pole for the lamp can be customized based on the requirement.



ITEM CODE FPE1212 35W/GREY/3000K

LOTUS

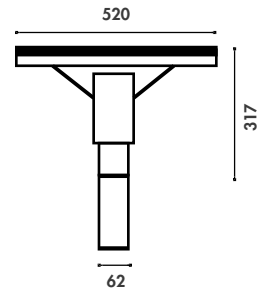


FPE1213



LOTUS - Lamp Post

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	LUMILEDS	120°	4000K	80+	4500 lm	75 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	60W	90-270V	50/60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	Head Size	520mm	317mm	NA		
	Pole Size	62mm	NA	NA		



Note : For Photometric/IES details please refer our website www.futuralights.com
Mounting pole for the lamp can be customized based on the requirement.

ITEM CODE FPE1213 60W/GREY/4000K

FEDORA

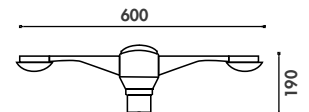


FPE1214



FEDORA

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS		
	Aluminium Die Cast	Graphite Grey Powder Coating			Diffuser		
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY	
	EPISTAR	120°	3000K	80+	3000 lm	75 lm	
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR		
	Futura Integrated	40W	90-270V	50/60 Hz	0.9		
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION				
	IP65	Outdoor	Floor Surface				
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT				
	Head Size	600mm	190mm	NA			
	Pole Size	80mm	NA	NA			



Note : For Photometric/IES details please refer our website www.futuralights.com
Mounting pole for the lamp can be customized based on the requirement.

ITEM CODE FPE1214 40W/Grey/3000K

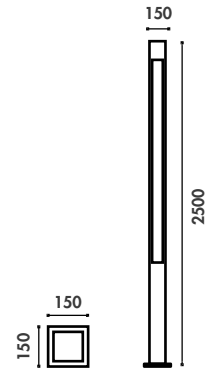
SKY



FPE1216



LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Lens	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	EPISTAR	120°	4000K	80+	2800 lm	80 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	35W	90-270V	50-60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Floor Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	150*150(mm)	2500mm	NA			



Note : For Photometric/IES details please refer our website www.futuralights.com

ITEM CODE FPE1216 35W/GREY/4000K

FUSE

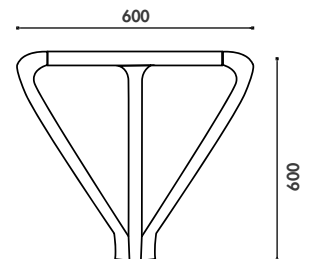


FPE1215



FUSE

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			Diffuser	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	SAMSUNG	120°	3000K	80+	4500 lm	75 lm
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	Futura Integrated	60W	90-270V	50-60 Hz	0.9	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Floor Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	Head Size	600mm	600mm	NA		
	Pole Size	76mm	NA	NA		



Note : Mounting pole for the lamp can be customized based on the requirement.

ITEM CODE FPE1215 60W/Grey/3000K



TRIBE



FPE880

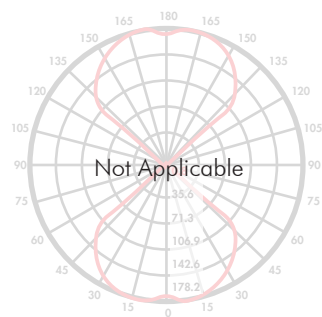


FPE881

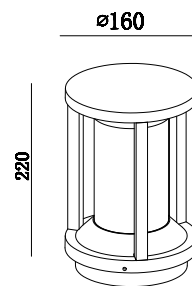
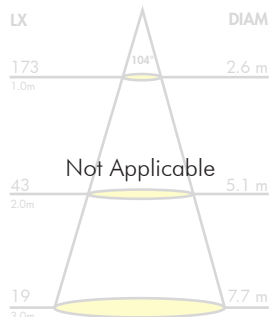


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (lamp not Included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	160mm	220mm		NA		

Polar Luminous Intensity Graph



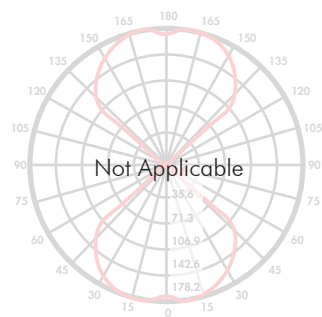
Illuminance Cone Diagram



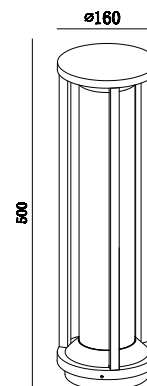
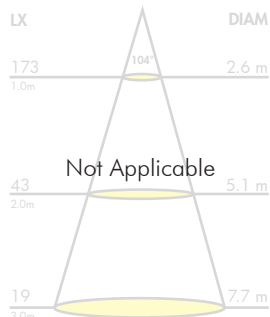
ITEM CODE ● FPE880 Upto 15W/E27/GREY

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (lamp not Included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT		CUTOUT		
	160mm	500mm		NA		

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE881 Upto 15W/E27/GREY



BRAVO



FPE883

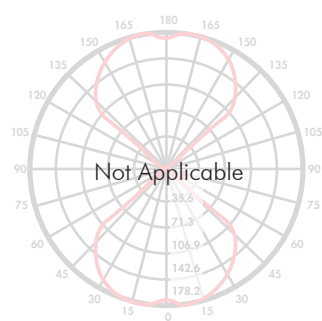


FPE884

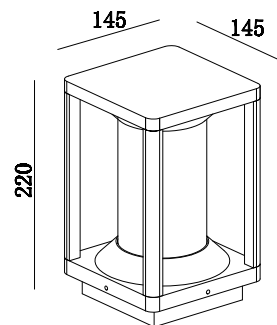
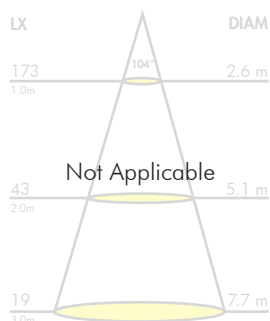


LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE		INSTALLATION		
	IP65	Outdoor		Wall Surface		
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	145*145(mm)	220mm	NA			

Polar Luminous Intensity Graph



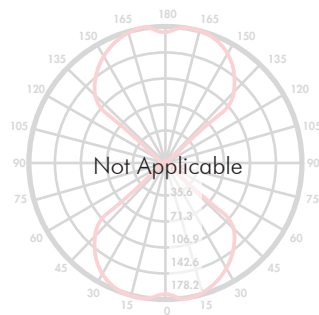
Illuminance Cone Diagram



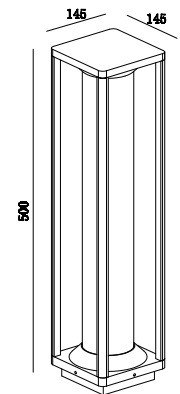
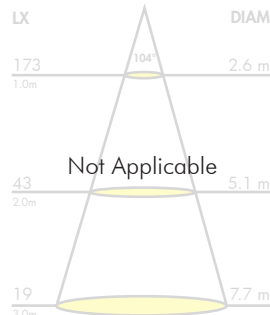
ITEM CODE ● FPE883 Upto 15W/E27/GREY

LUMINAIRE	FIXTURE	SURFACE FINISH			OPTICS	
	Aluminium Die Cast	Graphite Grey Powder Coating			NA	
TECHNICAL SPECIFICATIONS	LED LIGHT SOURCES	BEAM ANGLE	CCT	CRI	SYSTEM LUMINOUS FLUX	SYSTEM EFFICIENCY
	E27 Lamp Base (Lamp not included)	NA	NA	NA	NA	NA
ELECTRICAL SPECIFICATION	POWER CONTROL GEAR	TOTAL POWER	INPUT VOLTAGE	RATED FREQUENCY	POWER FACTOR	
	NA	UPTO 15W	NA	NA	NA	
APPLICATION	IP RATING	RECOMMENDED USE	INSTALLATION			
	IP65	Outdoor	Wall Surface			
DIMENSIONS	DIA/LXB	HEIGHT	CUTOUT			
	145*145(mm)	500mm	NA			

Polar Luminous Intensity Graph



Illuminance Cone Diagram



ITEM CODE ● FPE884 Upto 15W/E27/GREY



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ARCH	EXTERIOR FLOOR SURFACE	INT 279
ARTE	EXTERIOR WALL SURFACE	INT 51
AQUA	EXTERIOR FLOOR RECESSED	INT 197
AURA	EXTERIOR WALL SURFACE	INT 173
ADRIAN	EXTERIOR FLOOR SURFACE	INT 303
BARON	EXTERIOR WALL SURFACE	INT 133
BASE	EXTERIOR FLOOR SURFACE	INT 289
BEAM	EXTERIOR FLOOR SURFACE	INT 283
BOOSTER	EXTERIOR CEILING SURFACE	INT 13
BRICK	EXTERIOR FLOOR RECESSED	INT 229
BRAVO	EXTERIOR WALL SURFACE	INT 171
BRAVO	EXTERIOR FLOOR SURFACE	INT 317
CAPSULE	EXTERIOR WALL SURFACE	INT 135
CARBON	EXTERIOR CEILING SURFACE	INT 15
CARBON	EXTERIOR WALL SURFACE	INT 79
CASSINI	EXTERIOR WALL SURFACE	INT 95
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CUBIC	EXTERIOR FLOOR SURFACE	INT 271
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CURL	EXTERIOR FLOOR SURFACE	INT 257
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DELI	EXTERIOR FLOOR RECESSED	INT 207
DOCK	EXTERIOR FLOOR RECESSED	INT 187
DORIS	EXTERIOR WALL RECESSED	INT 35
DREAM	EXTERIOR WALL SURFACE	INT 153

ALPHABETICAL INDEX

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EDITION	EXTERIOR WALL SURFACE	INT 167
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FLOW	EXTERIOR WALL RECESSED	INT 27
FRAME	EXTERIOR WALL SURFACE	INT 155
FUSE	EXTERIOR FLOOR SURFACE	INT 311
GAZEBO	EXTERIOR FLOOR SURFACE	INT 285
GYRO	EXTERIOR FLOOR SURFACE	INT 291
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HEBE	EXTERIOR WALL RECESSED	INT 29
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HOODIE	EXTERIOR FLOOR SURFACE	INT 287
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IMPULSE	EXTERIOR WALL RECESSED	INT 25
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JIVA	EXTERIOR WALL SURFACE	INT III
KITE	EXTERIOR FLOOR RECESSED	INT 243
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LANTERN	EXTERIOR WALL SURFACE	INT 59

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MANTLE	EXTERIOR WALL SURFACE	INT 71
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NERA	EXTERIOR FLOOR RECESSED	INT 237
NESIS	EXTERIOR FLOOR RECESSED	INT 191
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ODINO	EXTERIOR WALL RECESSED	INT 39
OLYMPUS	EXTERIOR FLOOR RECESSED	INT 225
ORB	EXTERIOR WALL SURFACE	INT 147
PHANTOM	EXTERIOR FLOOR SURFACE	INT 295
POD	EXTERIOR WALL SURFACE	INT 105
POLAR	EXTERIOR WALL SURFACE	INT 63
PRATI	EXTERIOR FLOOR RECESSED	INT 211
PRIME	EXTERIOR WALL SURFACE	INT 143

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STAR	EXTERIOR WALL SURFACE	INT 149
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XANADU	EXTERIOR WALL SURFACE	INT 137
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WARRANTY

All FUTURA Products are manufactured to the highest quality standards and processes.
Images shown in this catalogue are only for reference.
Warranty for the products is for 1 years.
FUTURA reserves the right to change specifications of the product.

The Warranty specifies the following terms and conditions on warranty of all the LED Lights and Luminaries. These shall be referred to as "Products".

Warranty applies to any product that has a defect in material or workmanship which cause the Product to fail to operate in accordance with the specifications.

Warranty is applicable only to the said product(s) and not for any loss or damages caused because of the product defect to the end user.

WARRANTY does not apply for the product failure due to :

Electrical supply conditions, including supply spikes, over-voltage/under-voltage and ripple current control systems that are beyond the specified limits of the Products.

Improper wiring and installation or maintenance of Products.

Failure to adhere to installation, operating, application, maintenance or environmental instructions or prescribed guidelines.

Failure to use the Products for the purposes for which these have been designed.
Subject to corrosive environments, excessive wear and tear, neglect, carelessness, accident, abuse, misuse, improper or abnormal use of the Products.

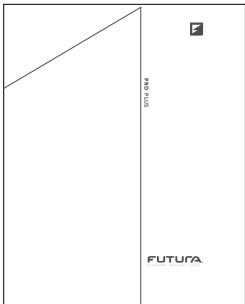
Any unauthorised attempt at repair, alteration, or modification.

The Product warranty is void when used with non-compatible power control gear.

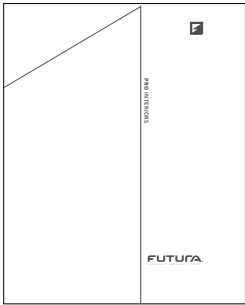
Any Force Majeure events.

The product warranty is void when used with non-compatible power control gear.

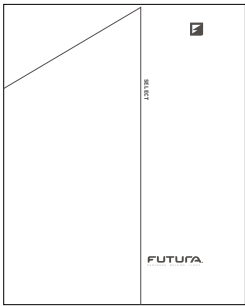
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