

VESTEL



Led Lighting Solutions
2015 - 2016







Company Profile 2



Global Operations 3



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Company Profile



Vestel City, which comprises nine plants located in Manisa, is amongst the biggest industrial complexes of the world.

As one of the leading enterprises in Turkey, Vestel is a major player in consumer electronics, mobile technologies, household appliances, professional displays and LED lighting with renowned products, including television sets, educational, hospitality and digital signage solutions, digital set-top boxes, tablet PCs, smart phones, refrigerators, washing machines, cooking appliances, dishwashers, air conditioners, and water heaters.

The company is recognised for its cutting-edge designs, high product quality, large production capacity, and superior market share growth.



Vestel offers a wide range of LED Lighting solutions for retail, offices, hospitality, outdoor, healthcare, industrial and architectural use. Vestel LED Lighting solutions are designed to reduce the energy consumption significantly without compromising the light level and quality with a long lifecycle for these areas. The unique designs also help reducing operational and maintenance costs.

Manufacturing at the highest quality standards requires discipline as well as knowledge and experience.

All Vestel products are tested in-house in the company's certified quality labs to ensure electronic and mechanical sustainability.



Vestel places the utmost importance to product design and development. The company invests in new technological developments continuously to lead the electronics and household appliance markets.

R&D facilities located in Manisa, İstanbul, the UK, and China employ the highest caliber engineers to develop hardware and software solutions that provide clients with world-class quality products.

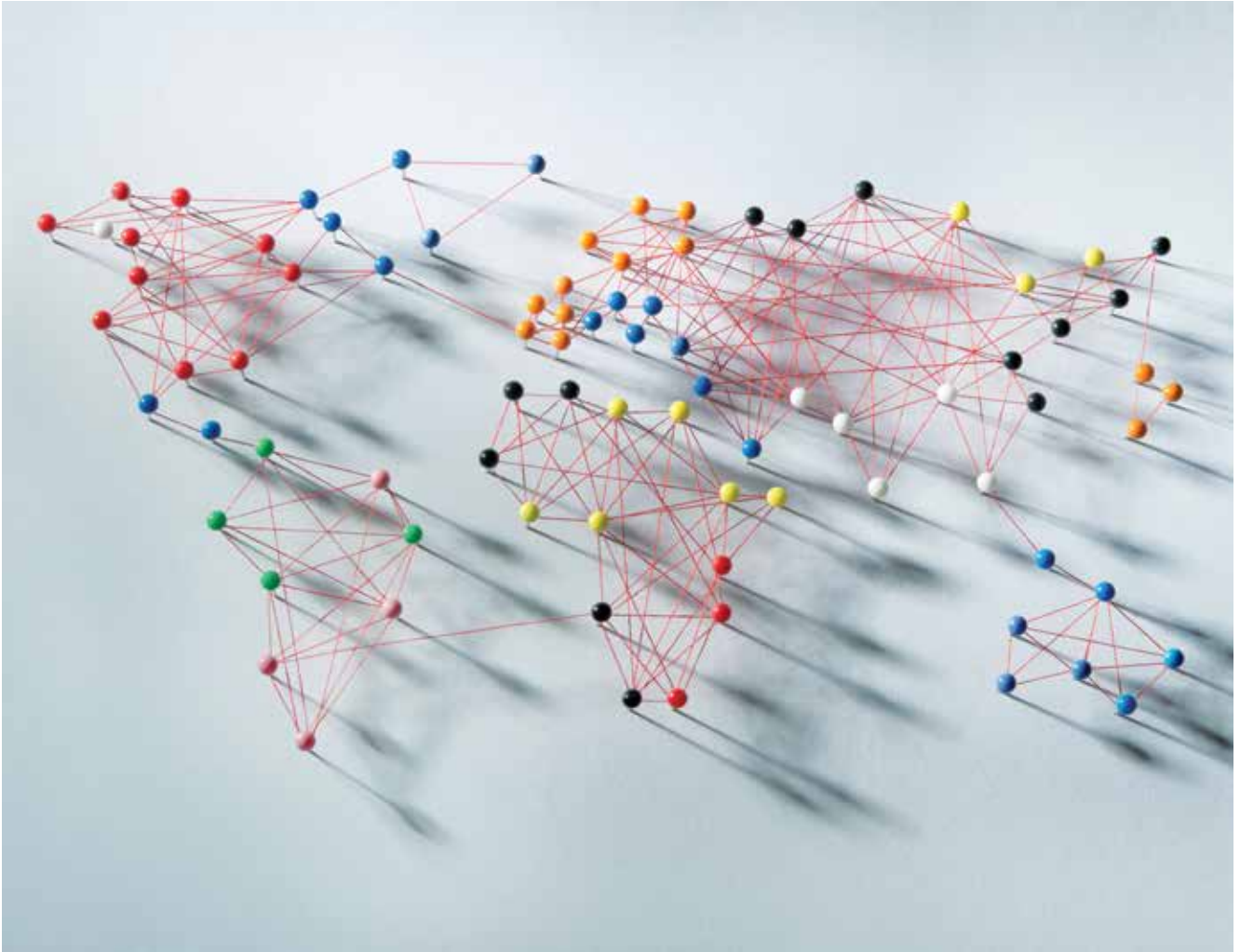
The total R&D investment exceeds 90 million US dollars.

Vestel has proven its success in product design by receiving the most prestigious design awards every year from well-known industrial design organisations for a variety of products.

Vestel Trade, the company responsible for the marketing and sales of Vestel products overseas, exports 73% percent of its production under leading Japanese and European brands to 150 countries.

Distributing its products to seven continents, Vestel takes its place as a world-class company.





Manufacturing & Assembly Plants

LED TV, HD, IP/OTT, PVR Set-top Boxes
– Manisa, Turkey

Professional Displays, Tablet PC, Smart
Phone, LED lighting – Manisa Turkey

TV – Alexandrov, Russia

Refrigerator, Washing Machine,
Dishwasher, Cooking Appliances,

Air Conditioner, Water Heater Manisa,
Turkey

Refrigerator, Washing Machine –
Alexandrov, Russia

Marketing & Sales Companies

Vestel Trade Co, Turkey

Vestel France, France

Vestel Germany GmbH, Germany

Vestel UK, The UK

Vestel Iberia, Spain

Gruppo Industriale Vesit, Italy

Vestel Benelux, The Netherlands

Vestel CIS Ltd, Russia

Vestel Electronica, Romania

Vestel Scandinavia, Finland

Vestfrost Household, Denmark

Vestel Central Asia, Kazakhstan

United Technical Services, Slovakia

Vestel Poland, Poland

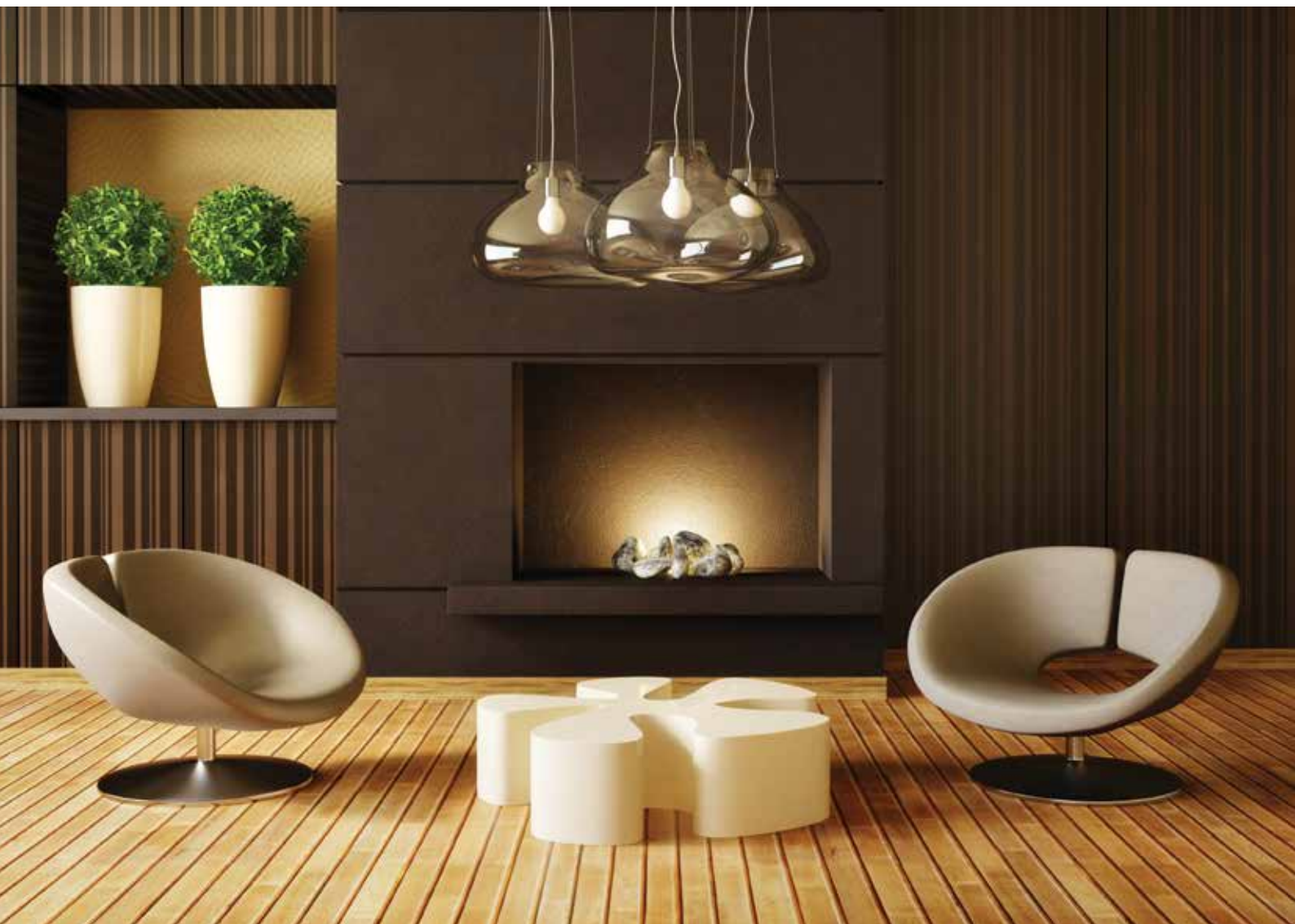
R&D Centers

Manisa, Turkey

Istanbul, Turkey

Bristol, UK

Shangai, China



LED Retrofit Lamps



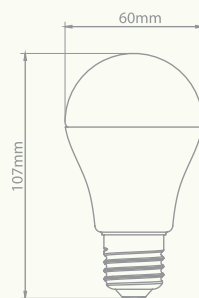
Optical and Electrical

Power	5 W	
Lumen output	450lm \pm 10%	450lm \pm 10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	88 lm/W	88 lm/W
Beam Angle	160°	
Dimming	-	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

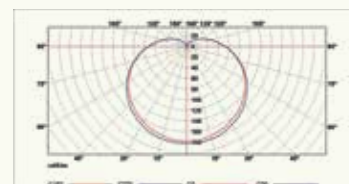
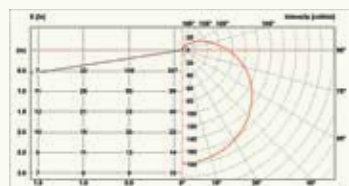
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	60x107 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Product Weight	0.080 kg

Dimensions (mm)



Light Curve





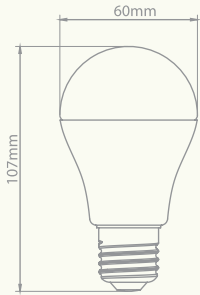
Optical and Electrical

Power	10 W	
Lumen output	800lm±10%	950lm±10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	80 lm/W	95 lm/W
Beam Angle	160°	
Dimming	-	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

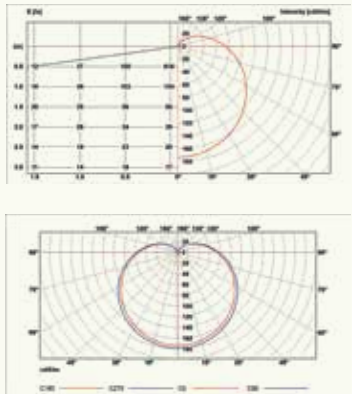
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	60x107 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Product Weight	0.080 kg

Dimensions (mm)



Light Curve





Dimmable

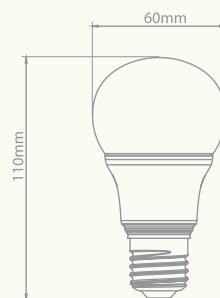
Optical and Electrical

Power	7 W	
Lumen output	500lm±10%	550lm±10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	77 lm/W	85 lm/W
Beam Angle	240°	
Dimming	Yes	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

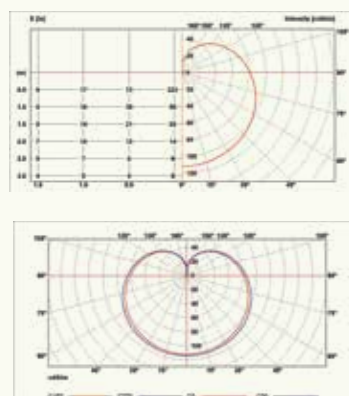
Mechanical

Operating Temperature	-40°C /+45°C
Dimensions	60x110 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Product Weight	0.085 kg

Dimensions (mm)



Light Curve





Dimmable

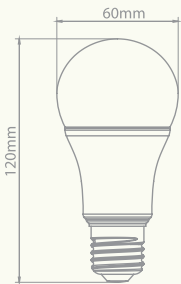
Optical and Electrical

Power	10 W	
Lumen output	820lm±10%	920lm±10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	78 lm/W	88 lm/W
Beam Angle	240°	
Dimming	Yes	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

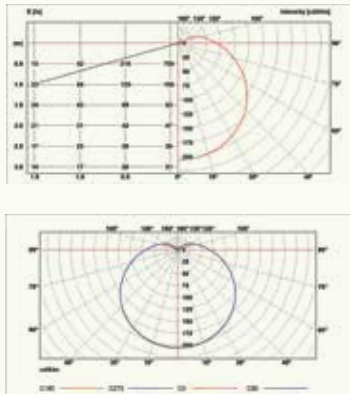
Mechanical

Operating Temperature	-40°C /+45°C
Dimensions	60x120 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Weight	0.085 kg

Dimensions (mm)



Light Curve





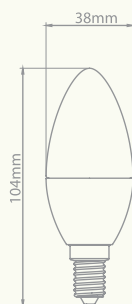
Optical and Electrical

Power	3 W	
Lumen output	250lm \pm 10%	300lm \pm 10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	71 lm/W	86 lm/W
Beam Angle	250°	
Dimming	-	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

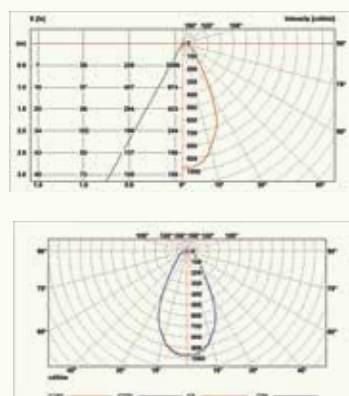
Mechanical

Operating Temperature	-40°C / +45°C
Dimensions	38x104 mm
Package Dimensions (WxLxH)	45x45x112 mm
Product Weight	0.053 kg

Dimensions (mm)



Light Curve





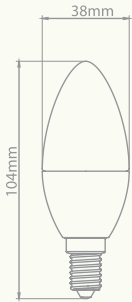
Optical and Electrical

Power	5,5 W	
Lumen output	470lm±10%	500lm±10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	77 lm/W	92 lm/W
Beam Angle	160°	
Dimming	-	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

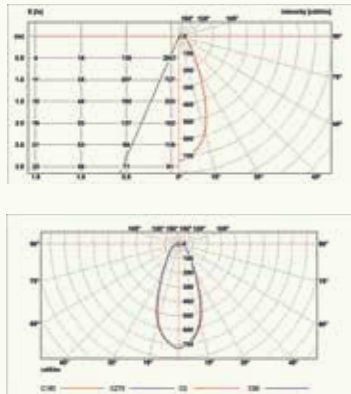
Mechanical

Operating Temperature	-40°C /+45°C
Dimensions	38x104 mm
Package Dimensions (WxLxH)	45x45x112 mm
Product Weight	0.053 kg

Dimensions (mm)



Light Curve





Dimmable

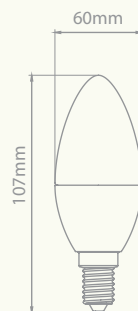
Optical and Electrical

Power	5,5 W	
Lumen output	470lm±10%	500lm±10%
Colour temperature	2700 K	5000K
CRI	>80	
Efficacy	85 lm/W	90 lm/W
Beam Angle	160°	
Dimming	Yes	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

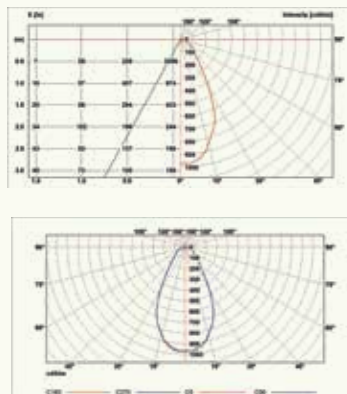
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	60x107 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Weight	0.053 kg

Dimensions (mm)



Light Curve





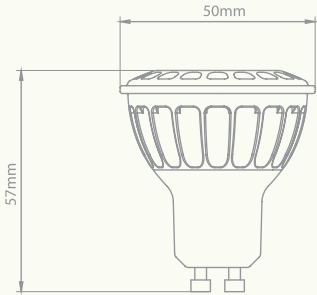
Optical and Electrical

Power	5 W	
Lumen output	330lm±10%	400lm±10%
Colour temperature	3000 K	5000K
CRI	>80	
Efficacy	66 lm/W	80 lm/W
Beam Angle	36°	
Dimming	-	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

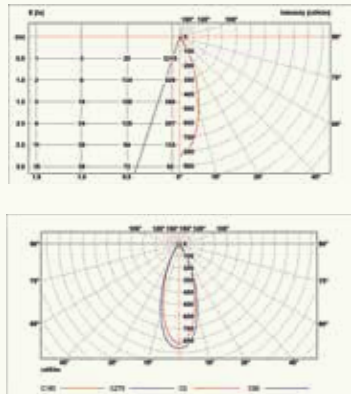
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	50x57 mm
Package Dimensions (WxLxH)	56x56x65 mm
Product Weight	0.05 kg

Dimensions (mm)



Light Curve





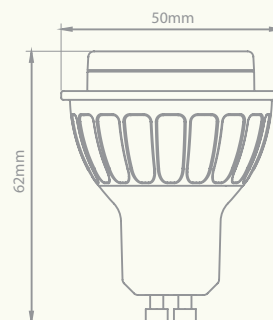
Optical and Electrical

Power	6,5 W	
Lumen output	450lm±10%	450lm±10%
Colour temperature	3000 K	5000K
CRI	>80	
Efficacy	69 lm/W	69 lm/W
Beam Angle	36°	
Dimming	-	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

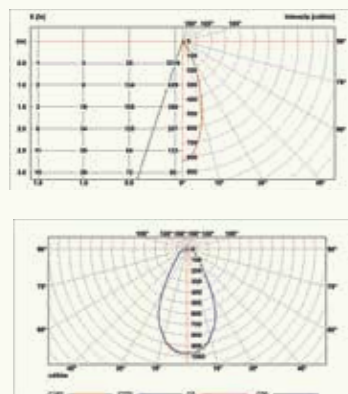
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	50x62 mm
Package Dimensions (WxLxH)	56x56x65 mm
Product Weight	0.05 kg

Dimensions (mm)



Light Curve





Dimmable

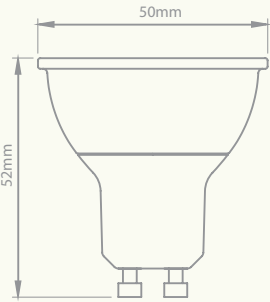
Optical and Electrical

Power	5 W	
Lumen output	350lm±10%	400lm±10%
Colour temperature	3000 K	5000K
CRI	>80	
Efficacy	66 lm/W	75 lm/W
Beam Angle	36°	
Dimming	Yes	
Life Time	35000 Hours	
IP Rating	IP20	
Emergency Kit	-	

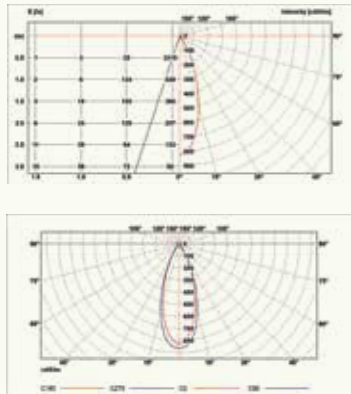
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	50x52 mm
Package Dimensions (WxLxH)	56x56x65 mm
Product Weight	0.05 kg

Dimensions (mm)



Light Curve





Dimmable

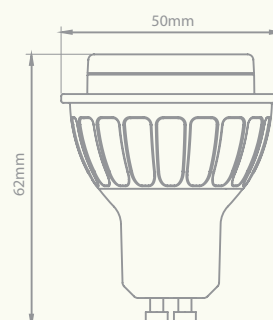
Optical and Electrical

Power	6,5 W	
Lumen output	450lm±10%	450lm±10%
Colour temperature	3000 K	5000K
CRI	>80	
Efficacy	69 lm/W	69 lm/W
Beam Angle	36°	
Dimming	Yes	
Life Time	35000 Hours	
IP Rating	IP20	
Emergency Kit	-	

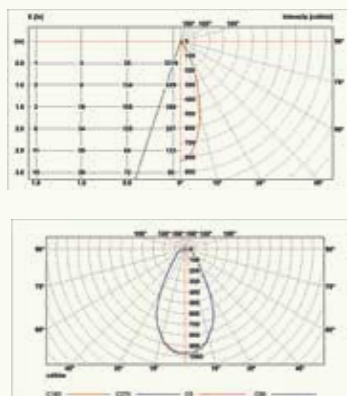
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	50x62 mm
Package Dimensions (WxLxH)	56x56x65 mm
Product Weight	0,05 kg

Dimensions (mm)



Light Curve





60 cm

Optical and Electrical

Power	9 W		
Lumen output	750 lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100 lm/W		
Beam Angle	120°		
Dimming	-		
Life Time	40000 Hours		
IP Rating	IP20		
Emergency Kit	-		

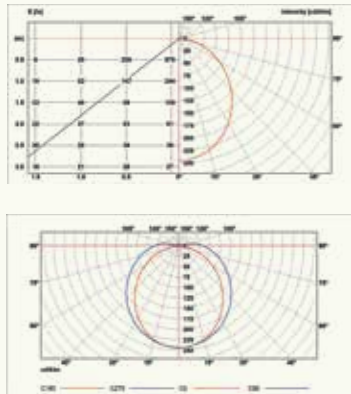
Mechanical

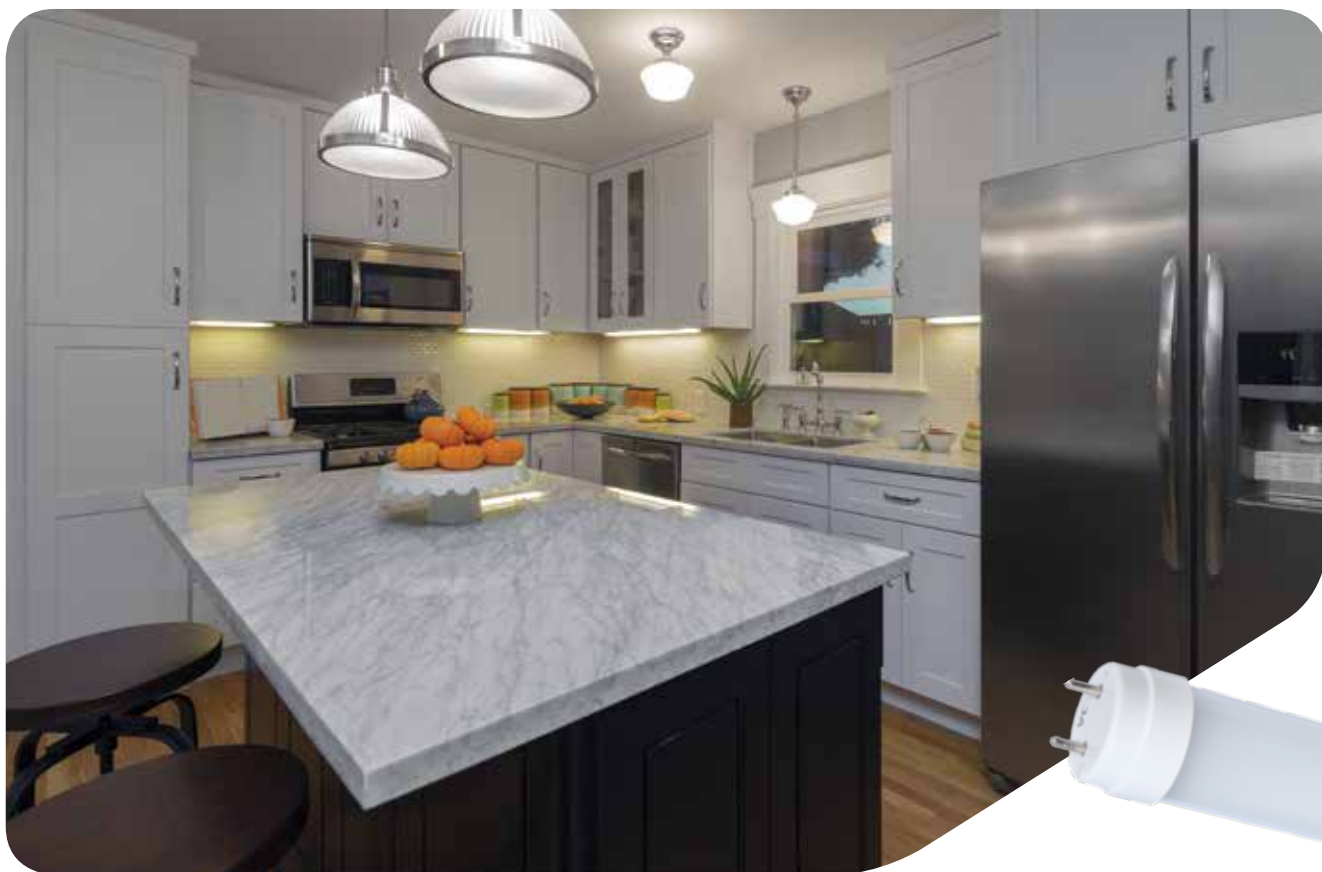
Operating Temperature	-20°C /+45°C
Dimensions	28x600 mm
Package Dimensions (WxLxH)	634x236x190 mm
Product Weight	180 gr

Dimensions (mm)



Light Curve





120 cm

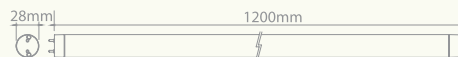
Optical and Electrical

Power	18 W		
Lumen output	1600 lm \pm 10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100 lm/W		
Beam Angle	120°		
Dimming	-		
Life Time	40000 Hours		
IP Rating	IP20		
Emergency Kit	-		

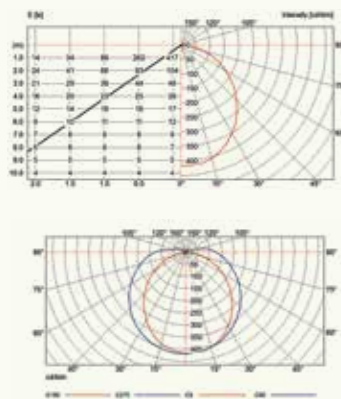
Mechanical

Operating Temperature	-20°C / +45°C
Dimensions	28x1200 mm
Package Dimensions (WxLxH)	1245x236x190 mm
Product Weight	310 gr

Dimensions (mm)



Light Curve





150 cm

Optical and Electrical

Power	22 W		
Lumen output	2000 lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100 lm/W		
Beam Angle	120°		
Dimming	-		
Life Time	40000 Hours		
IP Rating	IP20		
Emergency Kit	-		

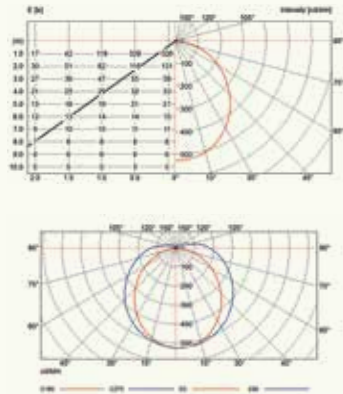
Mechanical

Operating Temperature	-20°C /+45°C
Dimensions	28x1500 mm
Package Dimensions (WxLxH)	1545x236x190 mm
Product Weight	370 gr

Dimensions (mm)



Light Curve





60 cm - High Lumen

Optical and Electrical

Power	10 W		
Lumen output	10500lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100lm/W		
Beam Angle	45°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

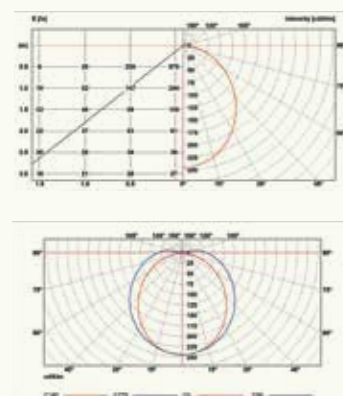
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	60x107 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Weight	180 gr

Dimensions (mm)



Light Curve





120 cm - High Lumen

Optical and Electrical

Power	20 W		
Lumen output	2100lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100lm/W		
Beam Angle	45°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

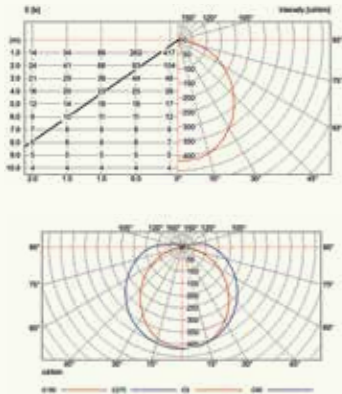
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm
Package Dimensions (WxLxH)	1245x236x190 mm
Product Weight	310 gr

Dimensions (mm)



Light Curve





150 cm - High Lumen

Optical and Electrical

Power	28 W		
Lumen output	3200lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	115lm/W		
Beam Angle	45°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

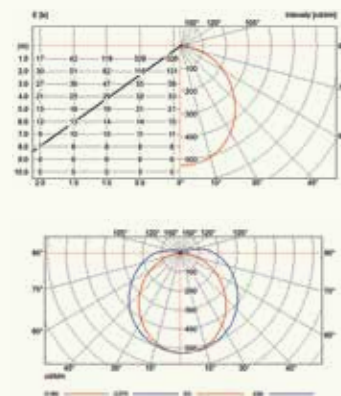
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	60x107 mm
Package Dimensions (WxLxH)	72x72x120 mm
Product Weight	370 gr

Dimensions (mm)



Light Curve





LED Luminaires



Anti-Glare Downlight - 3"

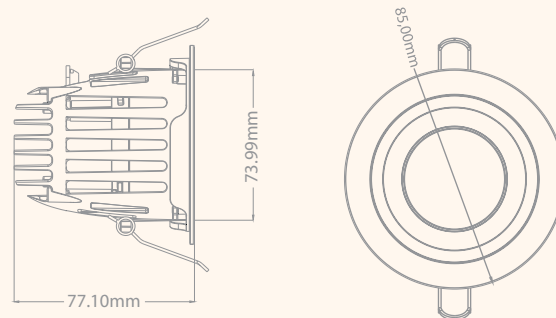
Optical and Electrical

Power	5 W
Lumen output	280lm±10%
Colour temperature	3000 K
CRI	>80
Efficacy	56lm/W
Beam Angle	45°
Dimming	1-10V Optional
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	Optional

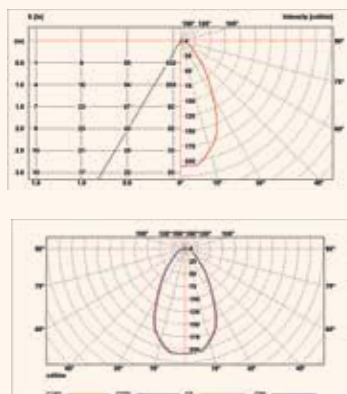
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	85x85x77 mm
Product Weight	0,33 kg

Dimensions (mm)



Light Curve





Anti-Glare Downlight - 4"

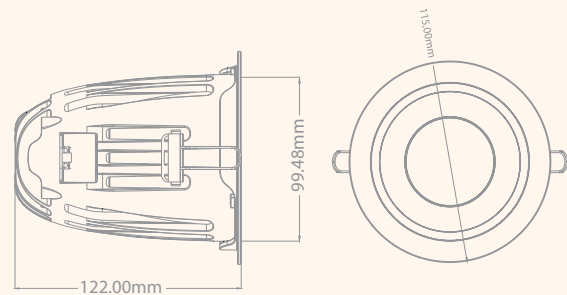
Optical and Electrical

Power	18 W
Lumen output	700lm±10%
Colour temperature	3000 K
CRI	>80
Efficacy	39lm/W
Beam Angle	45°
Dimming	1-10V Optional
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	Optional

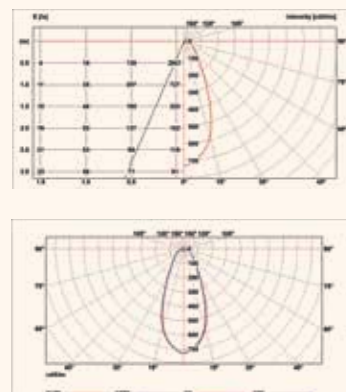
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	115x115x122 mm
Product Weight	0,6 kg

Dimensions (mm)



Light Curve





Anti-Glare Downlight - 6"

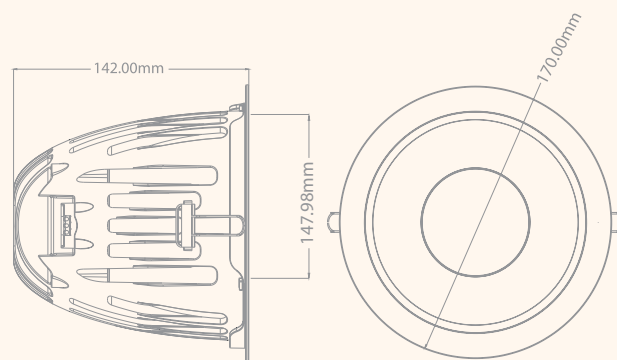
Optical and Electrical

Power	23 W
Lumen output	1250lm±10%
Colour temperature	3000 K
CRI	>80
Efficacy	54lm/W
Beam Angle	45°
Dimming	1-10V Optional
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	Optional

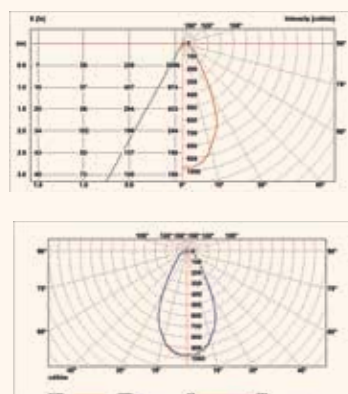
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm
Product Weight	1 kg

Dimensions (mm)



Light Curve





Pro Diffused Downlight - 4"

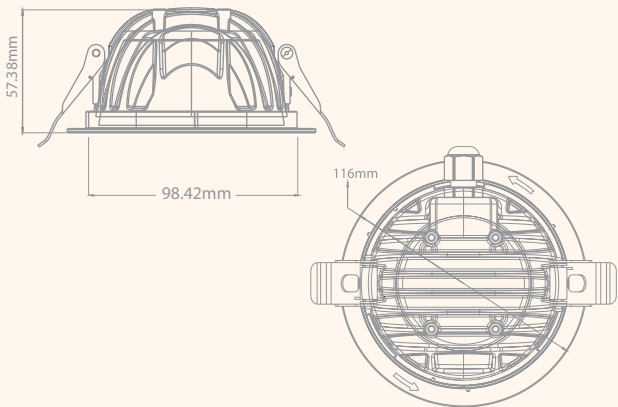
Optical and Electrical

Power	10 W		
Lumen output	800lm±10%		
Colour temperature	3000K	4000K	6500K
CRI	>80		
Efficacy	80lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

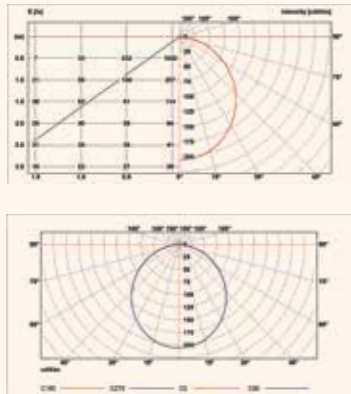
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	116x116x57,38 mm
Package Dimensions (WxLxH)	195x195x125 mm
Product Weight	0,4 kg

Dimensions (mm)



Light Curve





Pro Diffused Downlight - 6"

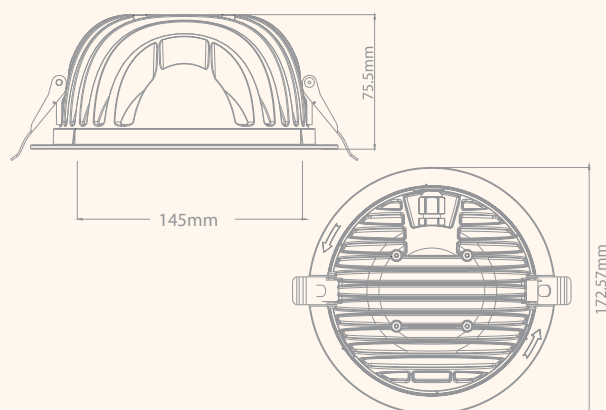
Optical and Electrical

Power	14,5 W		
Lumen output	1150lm±10%		
Colour temperature	3000K	4000K	6500K
CRI	>80		
Efficacy	80lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

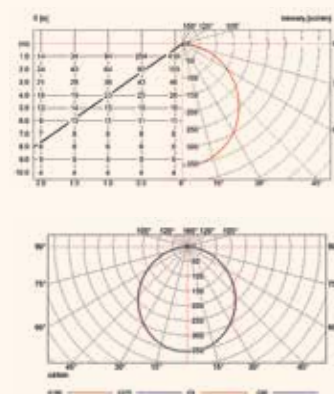
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	172,5x172,5x75,5 mm
Package Dimensions (WxLxH)	123x123x125 mm
Product Weight	0,71 kg

Dimensions (mm)



Light Curve





Pro Diffused Downlight - 8"

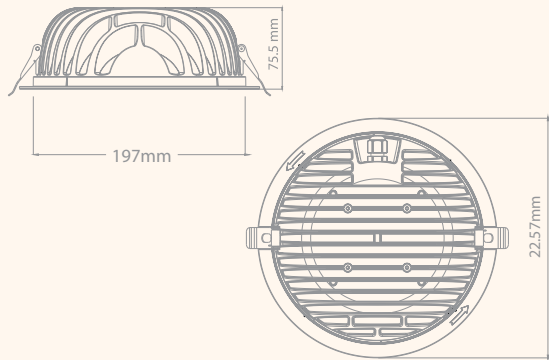
Optical and Electrical

Power	21,5 W		
Lumen output	1800lm±10%		
Colour temperature	3000K	4000K	6500K
CRI	>80		
Efficacy	83lm/W		
Beam Angle	110°		
Dimming	1-10V Optional DALI Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

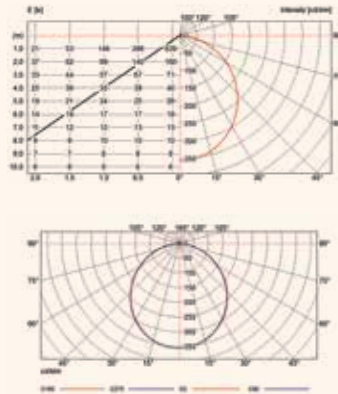
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	225,5x225,5x75,5 mm
Package Dimensions (WxLxH)	290x290x145 mm
Product Weight	1,1 kg

Dimensions (mm)



Light Curve





Eco Diffused Downlight - 4"

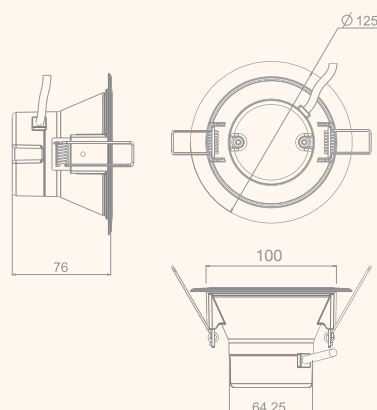
Optical and Electrical

Power	10 W		
Lumen output	750lm±10%		
Colour temperature	3000K	4000K	6500K
CRI	>80		
Efficacy	75lm/W		
Beam Angle	110°		
Dimming	1-10V Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

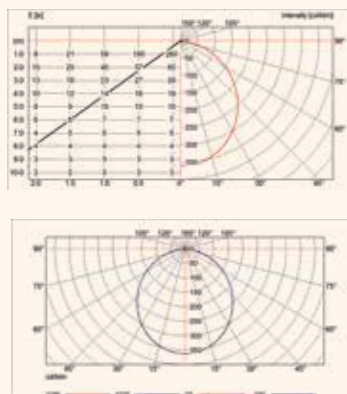
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm

Dimensions (mm)



Light Curve





Eco Diffused Downlight - 6"

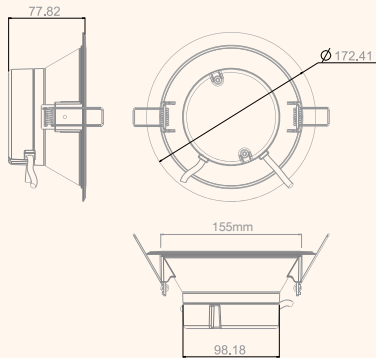
Optical and Electrical

Power	14,5 W		
Lumen output	1150lm±10%		
Colour temperature	3000K	4000K	6500K
CRI	>80		
Efficacy	80lm/W		
Beam Angle	110°		
Dimming	1-10V Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

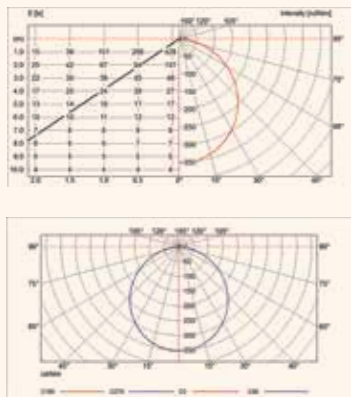
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm

Dimensions (mm)



Light Curve





Eco Diffused Downlight - 8"

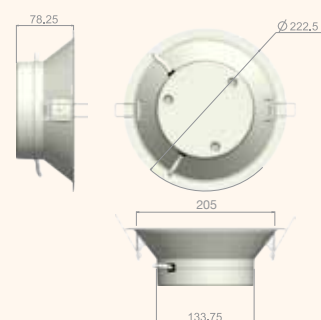
Optical and Electrical

Power	21,5 W		
Lumen output	18000lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	83lm/W		
Beam Angle	45°		
Dimming	1-10V Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

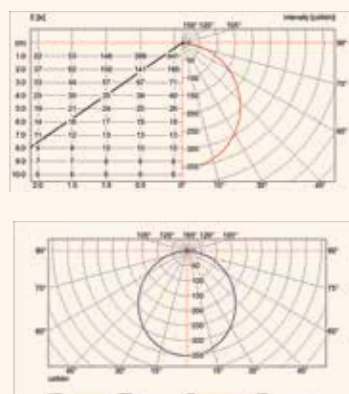
Mechanical

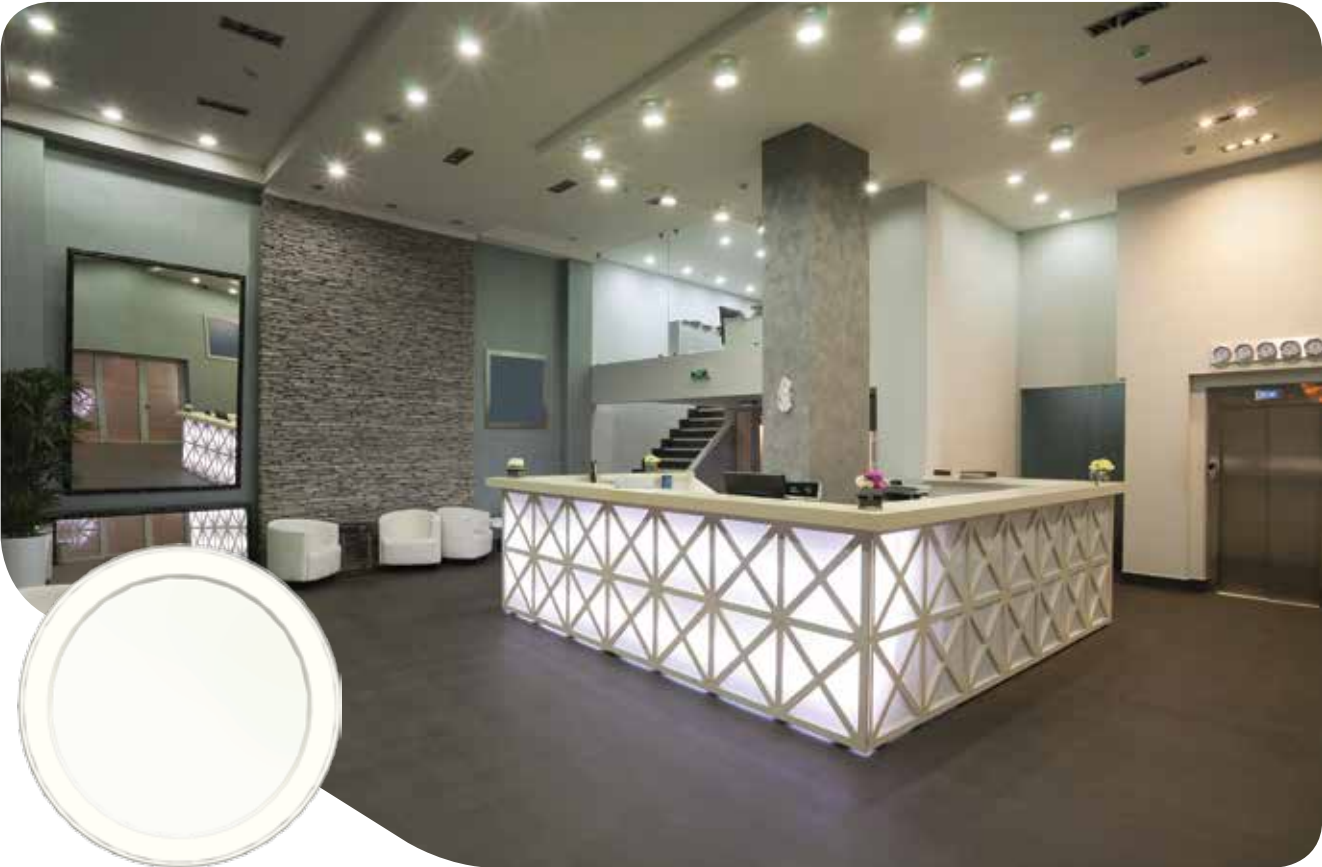
Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm

Dimensions (mm)



Light Curve





Wall Light - 6"

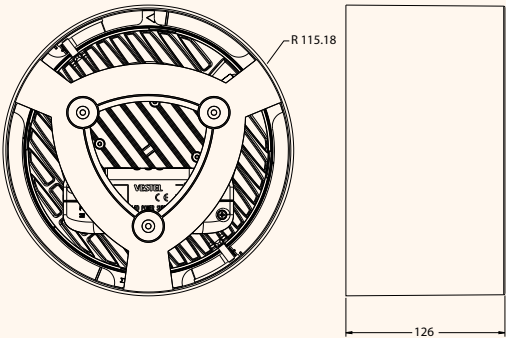
Optical and Electrical

Power	14,5 W		
Lumen output	1150lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	80lm/W		
Beam Angle	45°		
Dimming	1-10V Optional, DALI Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

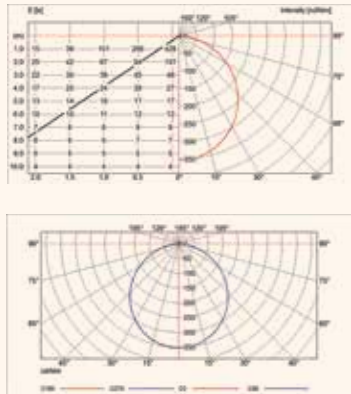
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm

Dimensions (mm)



Light Curve





Wall Light - 8"

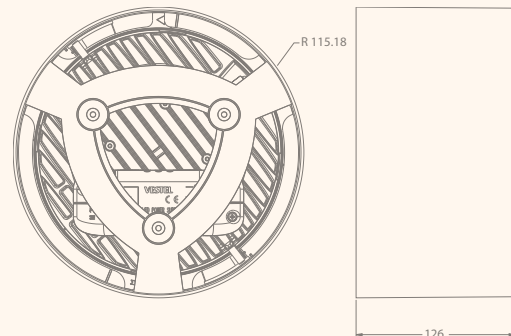
Optical and Electrical

Power	21,5 W		
Lumen output	1800lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	83lm/W		
Beam Angle	45°		
Dimming	1-10V Optional, DALI Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

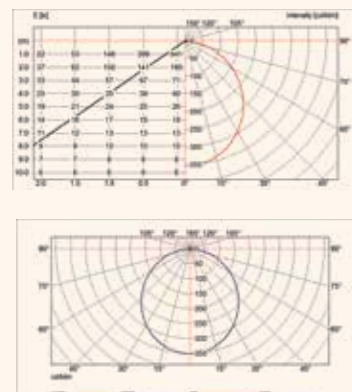
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm

Dimensions (mm)



Light Curve





Back lit - 30x30

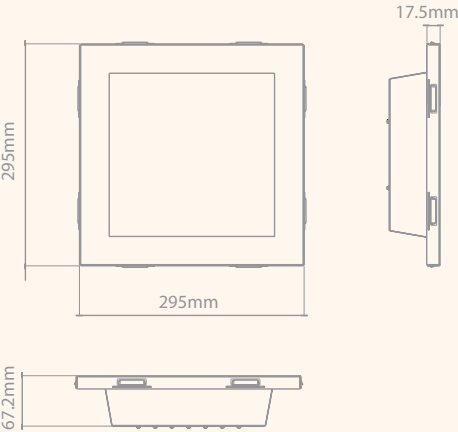
Optical and Electrical

Power	10 W		
Lumen output	800lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	80lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

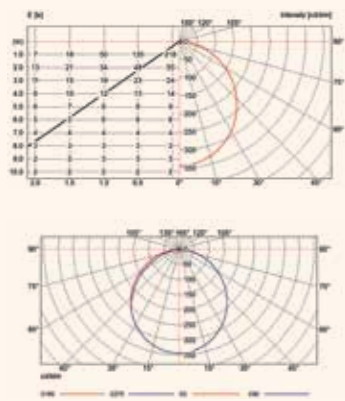
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	295x295x67,5 mm
Package Dimensions (WxLxH)	355x355x130 mm
Product Weight	1,5 kg

Dimensions (mm)



Light Curve





Back lit - 60x60

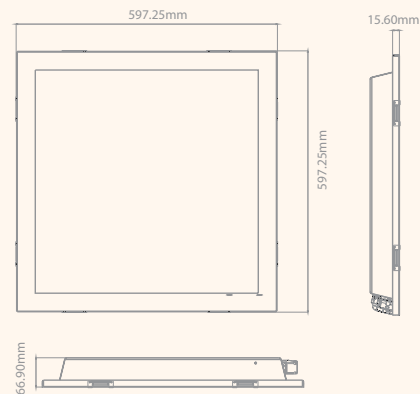
Optical and Electrical

Power	28 W		
Lumen output	2650lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	95 lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

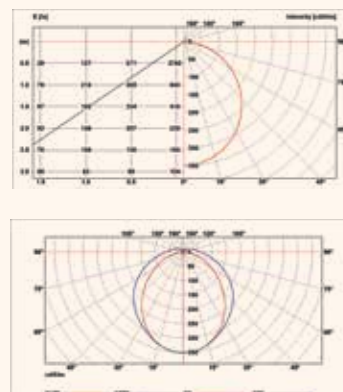
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	595x595x67 mm
Package Dimensions (WxLxH)	700x700x120 mm
Product Weight	5,1 kg

Dimensions (mm)



Light Curve





Back lit - 60x60 High Lumen

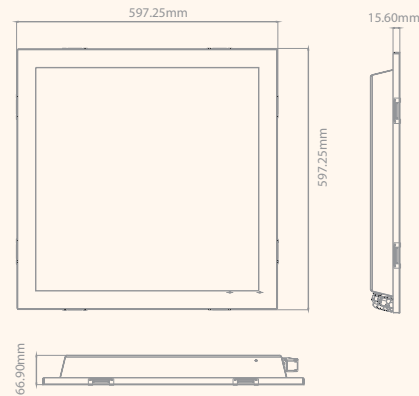
Optical and Electrical

Power	34 W		
Lumen output	3400lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

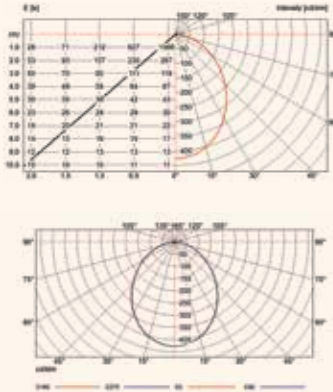
Mechanical

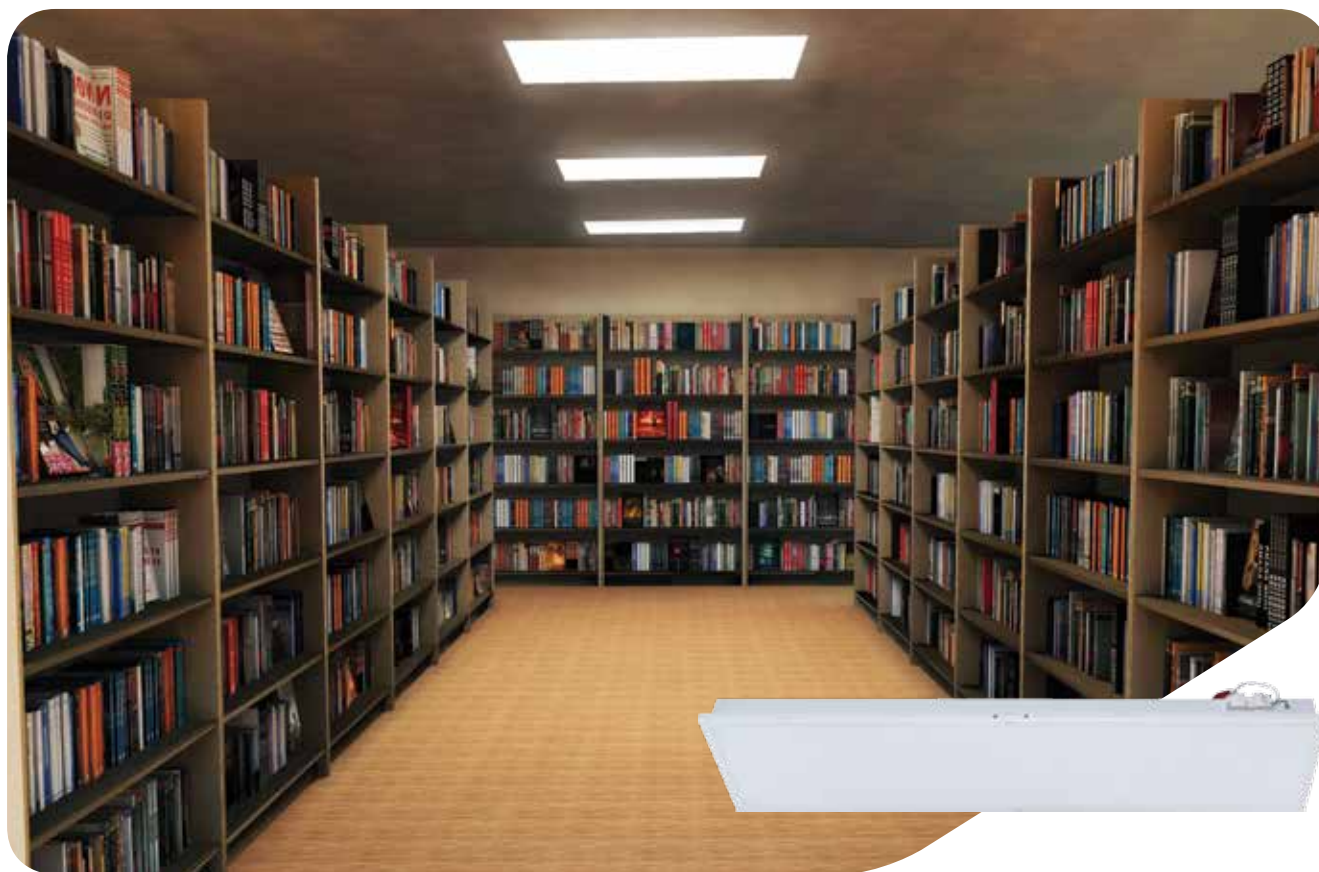
Operating Temperature	0°C /+40°C
Dimensions	595x595x67 mm
Package Dimensions (WxLxH)	700x700x120 mm
Product Weight	5,1 kg

Dimensions (mm)



Light Curve





Back lit - 30x120

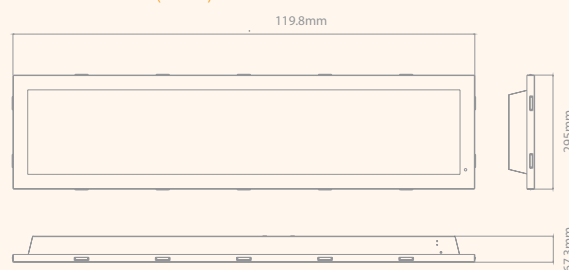
Optical and Electrical

Power	33 W		
Lumen output	3200lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	96lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

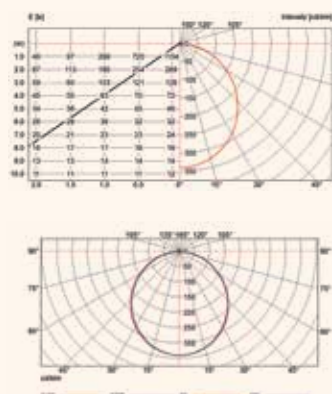
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1195x295x72,5 mm
Package Dimensions (WxLxH)	1260x355x125 mm
Product Weight	5,1 kg

Dimensions (mm)



Light Curve





Back lit - 60x120

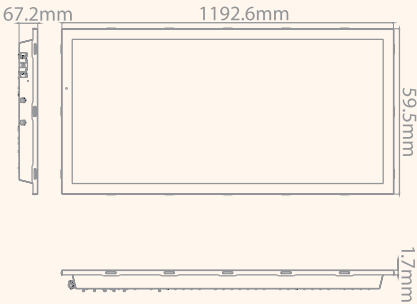
Optical and Electrical

Power	57 W		
Lumen output	5400lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	95lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

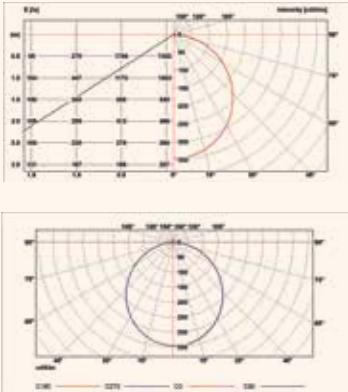
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	595x1195x67 mm
Package Dimensions (WxLxH)	700x1300x120 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Back lit - Eco 60x60

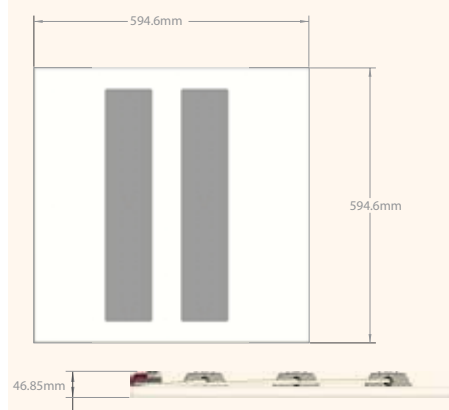
Optical and Electrical

Power	25 W
Lumen output	2300lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	92 lm/W
Beam Angle	110°
Dimming	1-10V Optional, DALI Optional
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	Optional

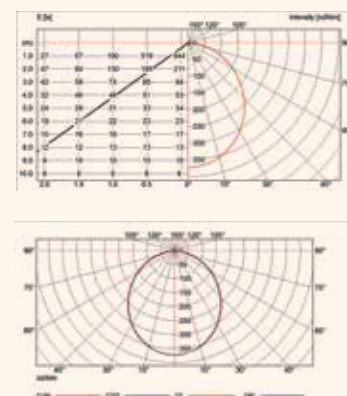
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	595x595x44 mm
Package Dimensions (WxLxH)	660x650x135 mm
Product Weight	1,85 kg

Dimensions (mm)



Light Curve





Back lit - Eco 60x60 High Lumen

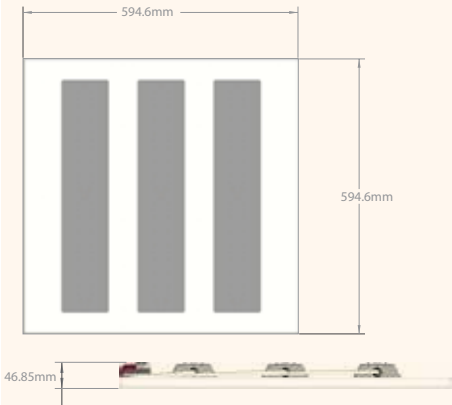
Optical and Electrical

Power	35 W
Lumen output	3000lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	85 lm/W
Beam Angle	110°
Dimming	1-10V Optional, DALI Optional
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	Optional

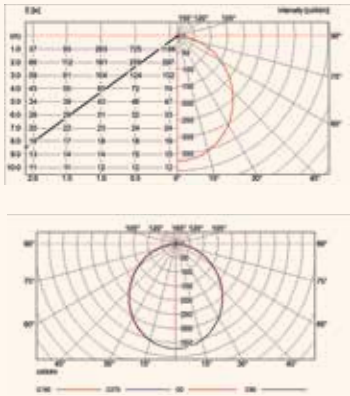
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	595x595x44 mm
Package Dimensions (WxLxH)	660x650x135 mm
Product Weight	2,15 kg

Dimensions (mm)



Light Curve





Diffused Linear Light - 60 cm

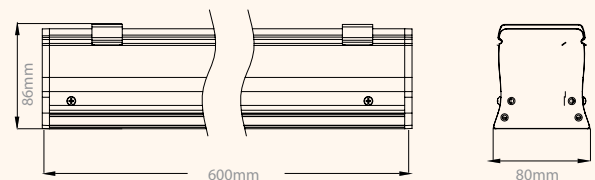
Optical and Electrical

Power	14 W		
Lumen output	1200lm ±10%	1300lm±10%	
Colour temperature	3000K	4000 K	6500 K
CRI	>80		
Efficacy	85lm/W	100lm/W	
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

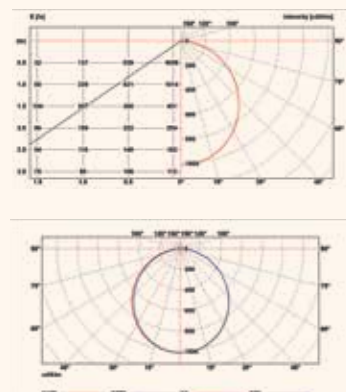
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	64,5x81x600,4 mm
Package Dimensions (WxLxH)	75x725x105 mm
Product Weight	1,8 kg

Dimensions (mm)



Light Curve





Diffused Linear Light - 90 cm

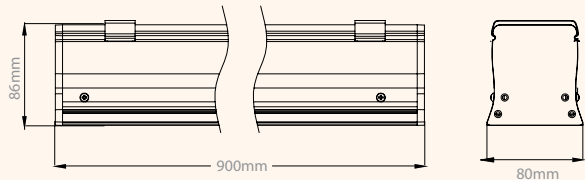
Optical and Electrical

Power	19 W		
Lumen output	1650lm ±10%	1850lm±10%	
Colour temperature	3000K	4000 K	6500 K
CRI	>80		
Efficacy	85lm/W	100lm/W	
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

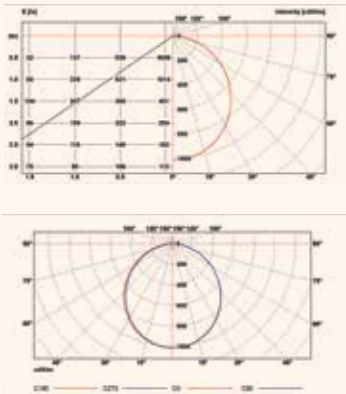
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	64,5x81x897,9 mm
Package Dimensions (WxLxH)	75x1025x105 mm
Product Weight	2,4 kg

Dimensions (mm)



Light Curve





Diffused Linear Light - 120 cm

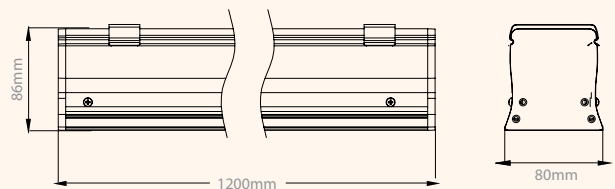
Optical and Electrical

Power	28 W		
Lumen output	2500lm ±10%	2700lm ±10%	3100lm ±10%
Colour temperature	3000K	4000 K	6500 K
CRI	>80		
Efficacy	90lm/W	100lm/W	110lm/W
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

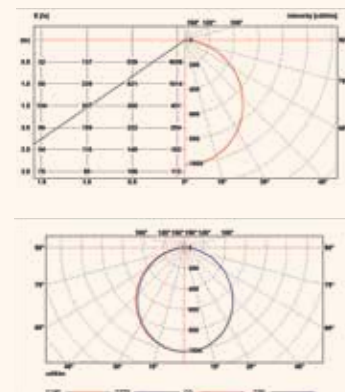
Mechanical

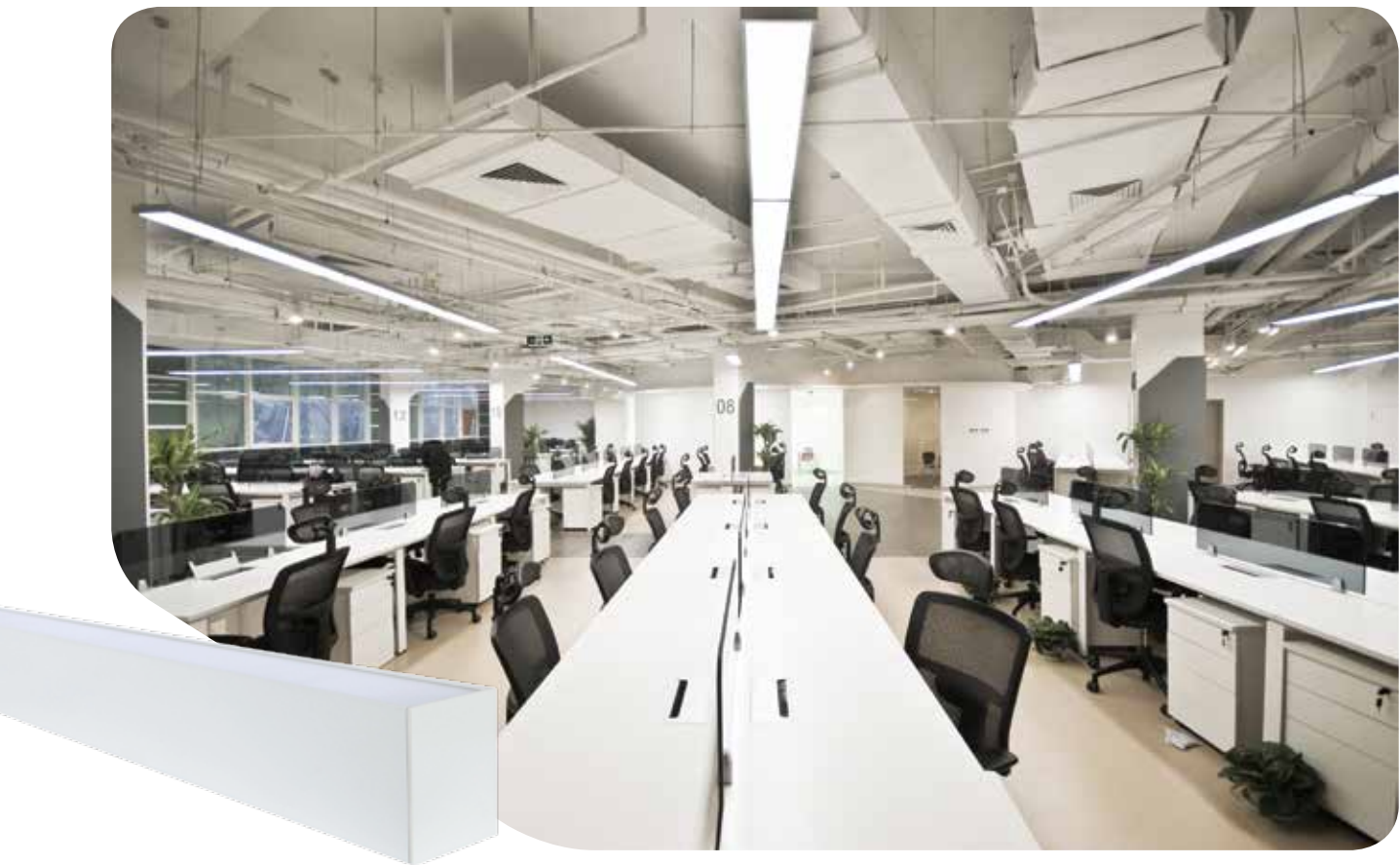
Operating Temperature	0°C /+40°C
Dimensions	64,5x81x1195,4 mm
Package Dimensions (WxLxH)	75x1325x105 mm
Product Weight	3 kg

Dimensions (mm)



Light Curve





Diffused Linear Light - 150 cm

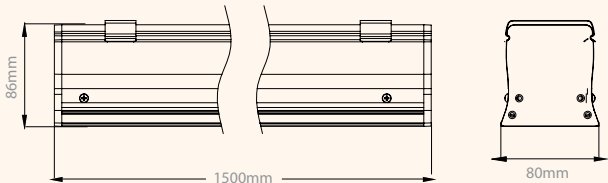
Optical and Electrical

Power	31 W		
Lumen output	3200lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	103lm/W		
Beam Angle	110°		
Dimming	1-10V Optional, DALI Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

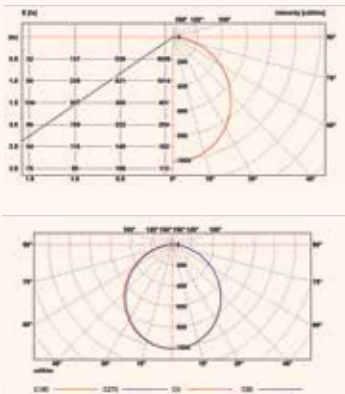
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	64,5x81x1495 mm
Package Dimensions (WxLxH)	75x1625x105 mm
Product Weight	3,5 kg

Dimensions (mm)



Light Curve





Linear Light with LED Tube - 150 cm

Optical and Electrical

Power	28 W
Lumen output	3200lm±10%
Colour temperature	3000 K
CRI	>80
Efficacy	114lm/W
Beam Angle	45°
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

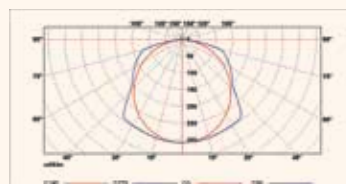
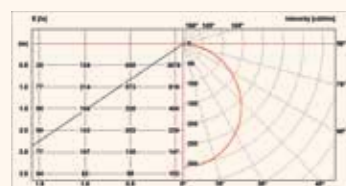
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	170x170x142 mm

Dimensions (mm)



Light Curve





Led Bar - 430 mm

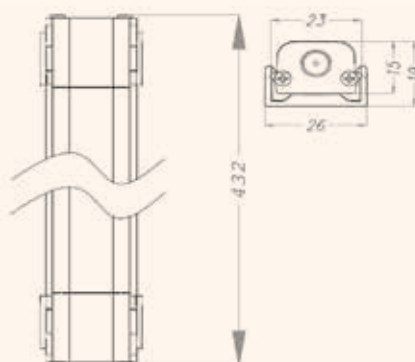
Optical and Electrical

Power	6 W
Lumen output	400lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	66lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

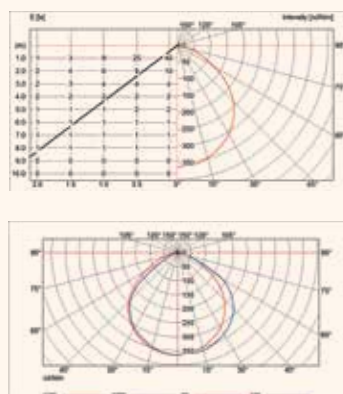
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	432x23x15 mm
Product Weight	130 gr

Dimensions (mm)



Light Curve





Led Bar - 595 mm

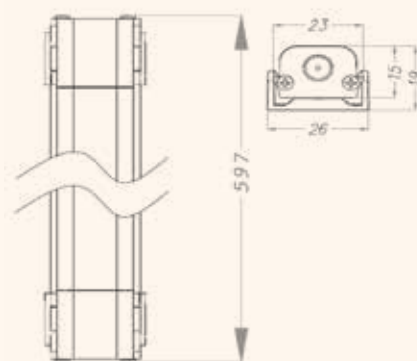
Optical and Electrical

Power	8,5 W
Lumen output	650lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	75lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

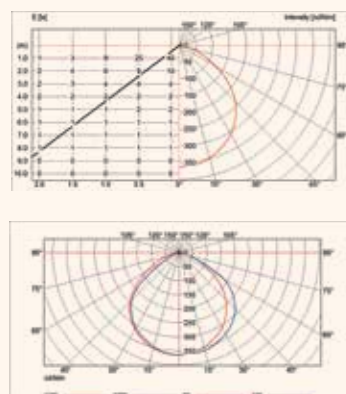
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	597x23x15 mm
Product Weight	170 gr

Dimensions (mm)



Light Curve





Led Bar - 930 mm

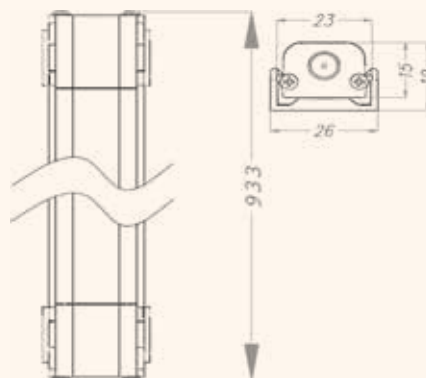
Optical and Electrical

Power	12 W
Lumen output	950lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	79lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

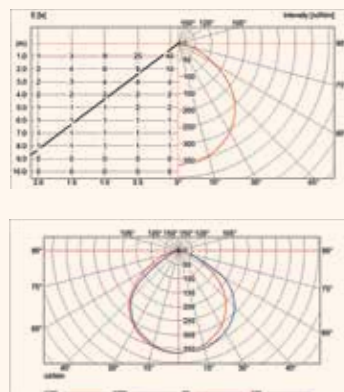
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	933x23x15 mm
Product Weight	235 gr

Dimensions (mm)



Light Curve





Led Bar - 1260 mm

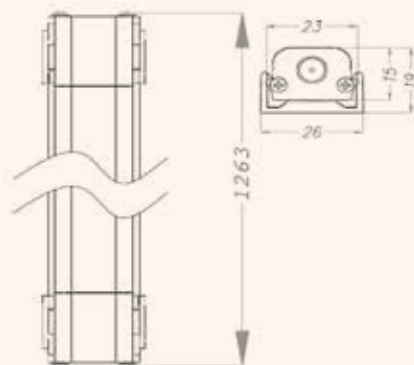
Optical and Electrical

Power	17,5 W
Lumen output	1250lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	70lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

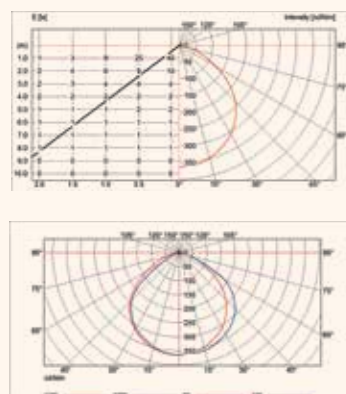
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1263x23x15 mm
Product Weight	310 gr

Dimensions (mm)



Light Curve





Led Bar - V2 900 mm

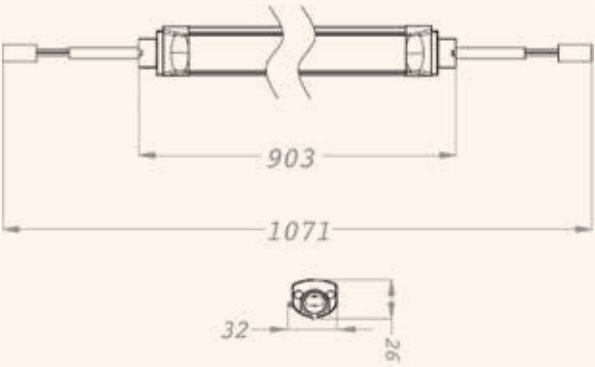
Optical and Electrical

Power	11 W
Lumen output	900lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	82lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

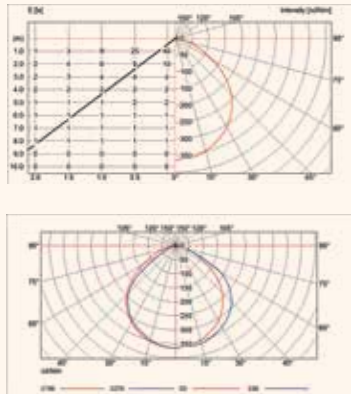
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	903x32x26 mm
Product Weight	600 gr

Dimensions (mm)



Light Curve





Led Bar - V2 1180 mm

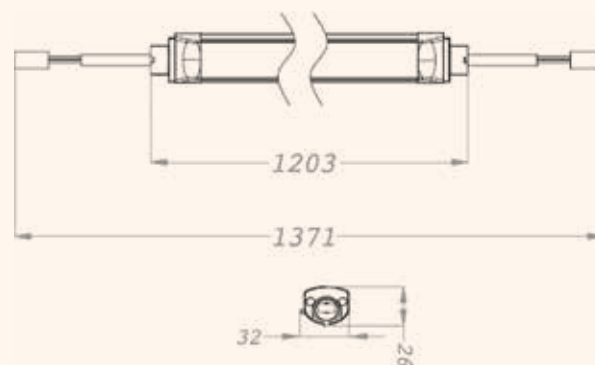
Optical and Electrical

Power	21 W
Lumen output	1400lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	67lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

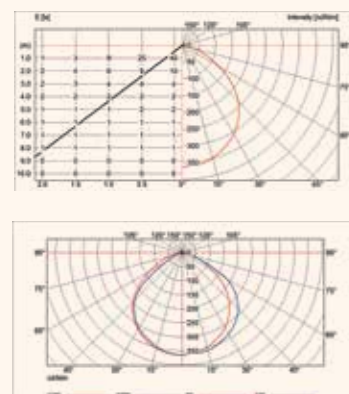
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1203x32x26 mm
Product Weight	600 gr

Dimensions (mm)



Light Curve





Led Bar - V2 1700 mm

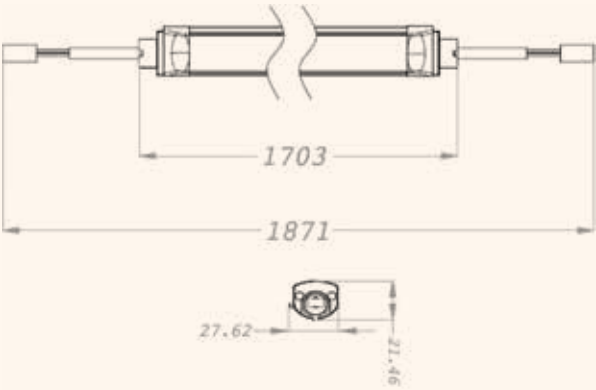
Optical and Electrical

Power	30 W
Lumen output	1600lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	54lm/W
Beam Angle	120°±10%
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

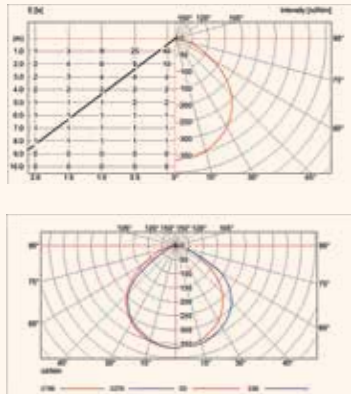
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1703x28x25 mm
Product Weight	820 gr

Dimensions (mm)



Light Curve





Tracklight V1 - 21 W

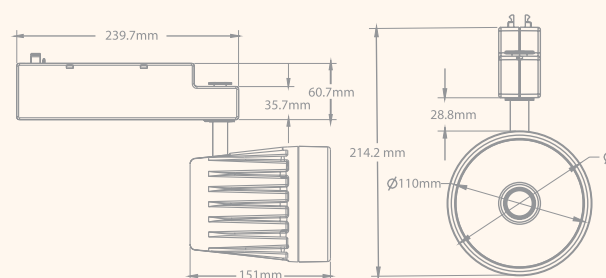
Optical and Electrical

Power	21 W	
Lumen output	1900lm±10%	
Colour temperature	3000K	4000K
CRI	>80	
Efficacy	90lm/W	
Beam Angle	20° / 36°	
Dimming	1-10V Optional	
Life Time	50000 Hours	
IP Rating	IP22	
Emergency Kit	-	

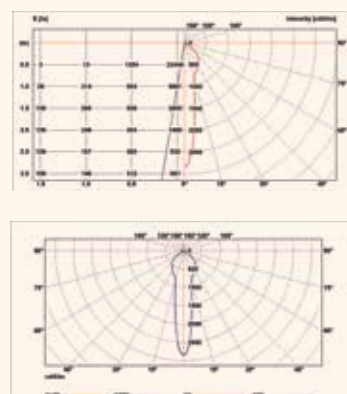
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	110x154 mm
Package Dimensions (WxLxH)	355x355x130 mm
Product Weight	1,5 kg

Dimensions (mm)



Light Curve





Tracklight V1 - 36 W

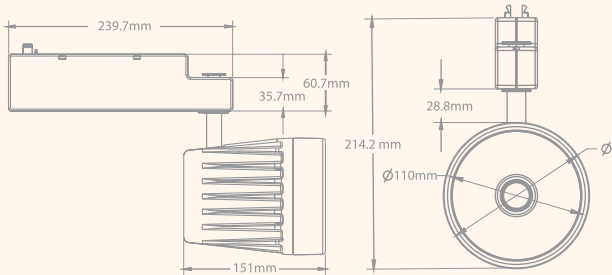
Optical and Electrical

Power	36 W	
Lumen output	3400lm±10%	
Colour temperature	3000K	4000K
CRI	>80	
Efficacy	94lm/W	
Beam Angle	20° / 36°	
Dimming	1-10V Optional	
Life Time	35000 Hours	
IP Rating	IP22	
Emergency Kit	-	

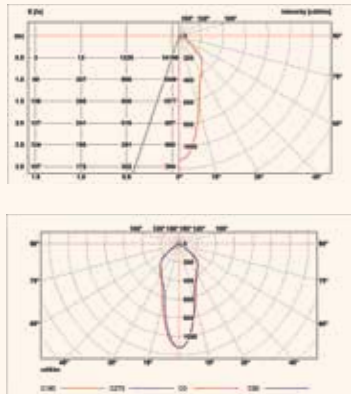
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	110x151 mm
Package Dimensions (WxLxH)	355x355x130 mm
Product Weight	1,5 kg

Dimensions (mm)



Light Curve





Tracklight V4 - 21 W

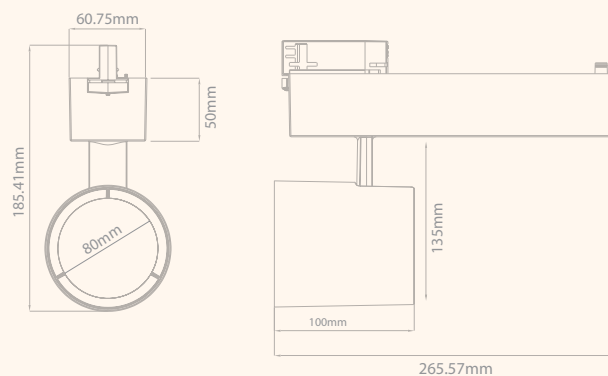
Optical and Electrical

Power	21 W	
Lumen output	1900lm±10%	
Colour temperature	3000K	4000K
CRI	>80	
Efficacy	90lm/W	
Beam Angle	25° / 50°	
Dimming	1-10V Optional	
Life Time	35000 Hours	
IP Rating	IP22	
Emergency Kit	-	

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	270x100x185 mm
Package Dimensions (WxLxH)	330x150x200 mm
Product Weight	1,070 kg

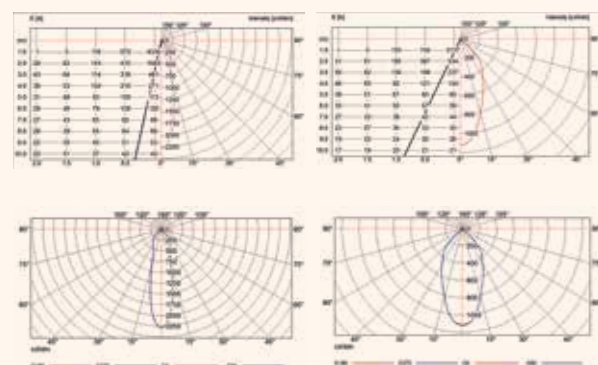
Dimensions (mm)



Light Curve

25°

50°





Tracklight V4 - 36 W

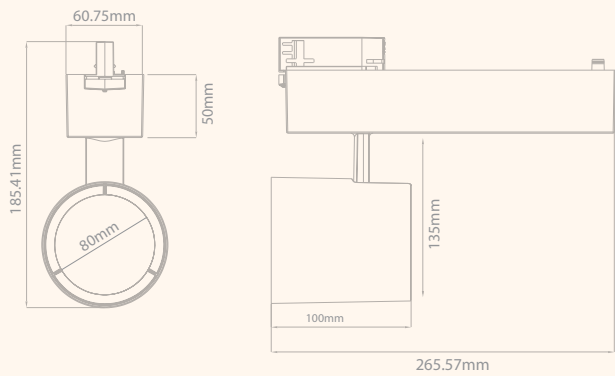
Optical and Electrical

Power	36 W	
Lumen output	3200lm±10%	
Colour temperature	3000 K	4000 K
CRI	>80	
Efficacy	88lm/W	
Beam Angle	25° / 50°	
Dimming	1-10V Optional	
Life Time	40000 Hours	
IP Rating	IP22	
Emergency Kit	-	

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	270x100x185 mm
Package Dimensions (WxLxH)	330x150x200 mm
Product Weight	1,070 kg

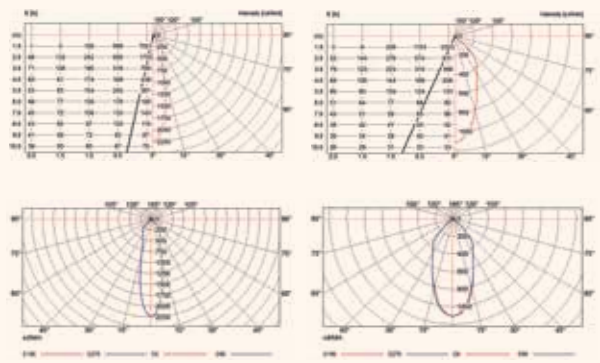
Dimensions (mm)

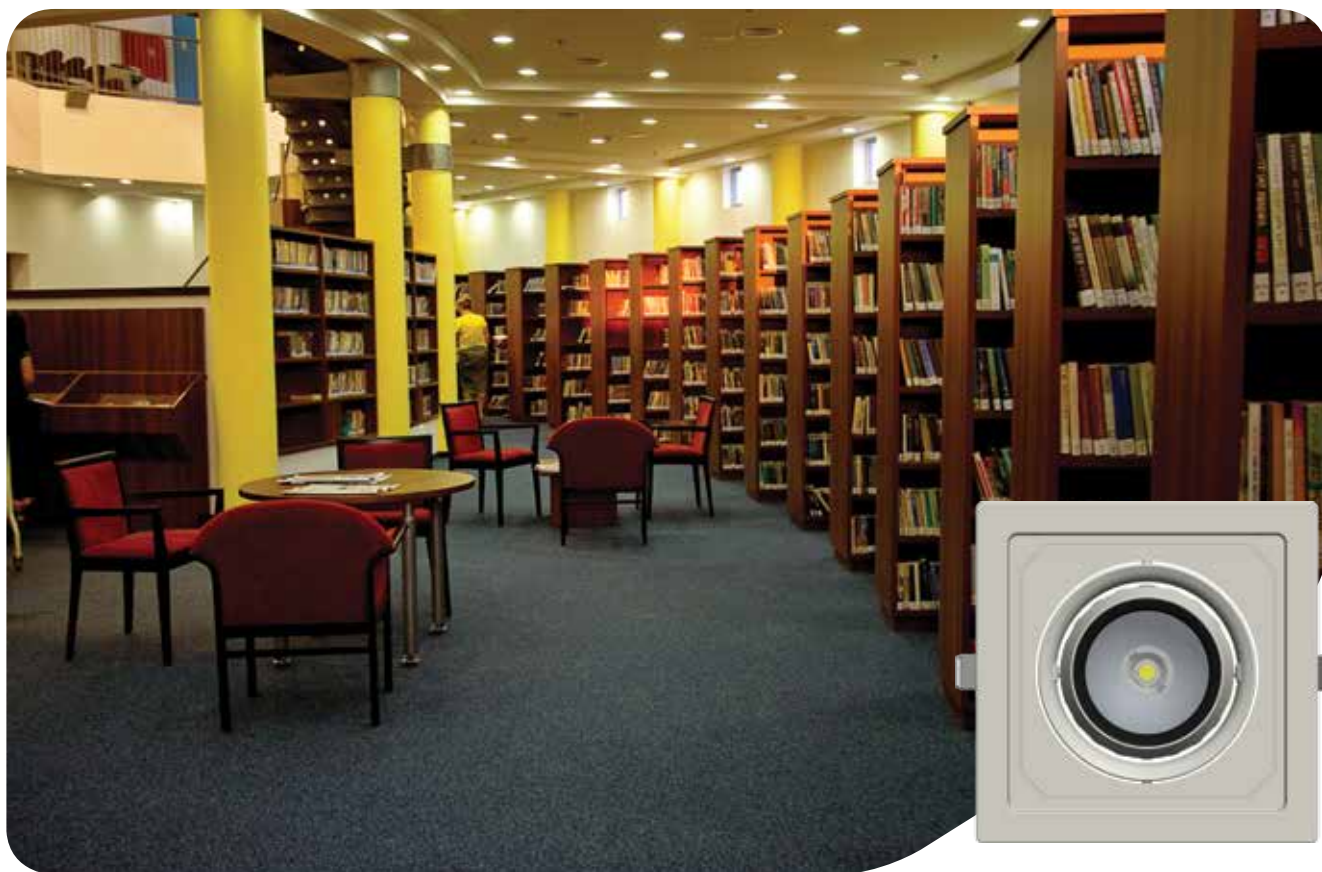


Light Curve

25°

50°





Square Spot

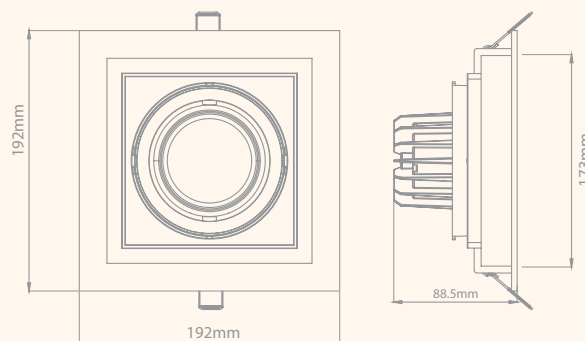
Optical and Electrical

Power	36 W	
Lumen output	3400lm±10%	
Colour temperature	3000 K	4000 K
CRI	>80	
Efficacy	94lm/W	
Beam Angle	20° / 36°	
Dimming	1-10V Optional	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

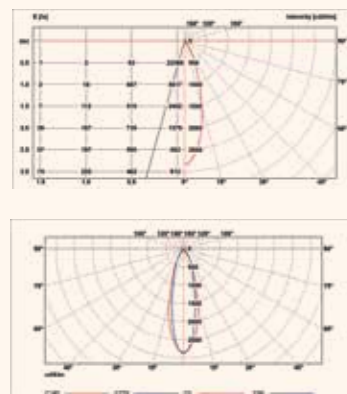
Mechanical

Operating Temperature	-40°C / +45°C
Dimensions	192x192x88,5 mm

Dimensions (mm)



Light Curve





Square Spot

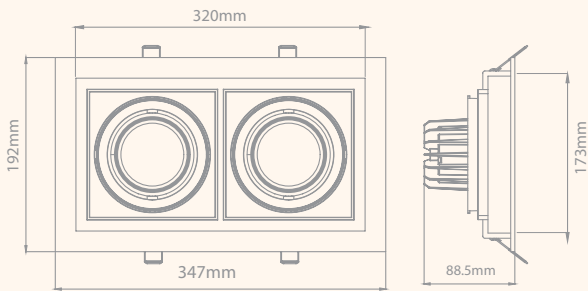
Optical and Electrical

Power	72 W	
Lumen output	6400lm±10%	
Colour temperature	3000 K	4000 K
CRI	>80	
Efficacy	88lm/W	
Beam Angle	25° / 36°	
Dimming	1-10V Optional	
Life Time	35000 Hours	
IP Rating	IP20	
Emergency Kit	-	

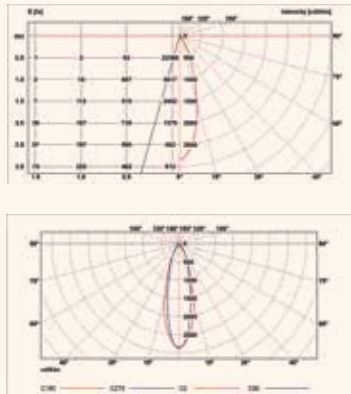
Mechanical

Operating Temperature	-40°C /+45°C
Dimensions	347x192x88,5 mm

Dimensions (mm)



Light Curve





Square Spot

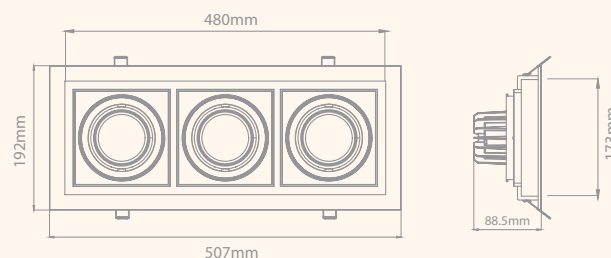
Optical and Electrical

Power	108 W	
Lumen output	10400lm±10%	
Colour temperature	3000 K	4000 K
CRI	>80	
Efficacy	88lm/W	
Beam Angle	25° / 30°	
Dimming	1-10V Optional	
Life Time	30000 Hours	
IP Rating	IP20	
Emergency Kit	-	

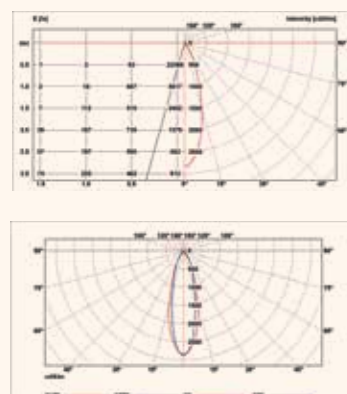
Mechanical

Operating Temperature	-40°C / +45°C
Dimensions	507x192x88,5 mm

Dimensions (mm)



Light Curve





Diffused Batten - 90 cm

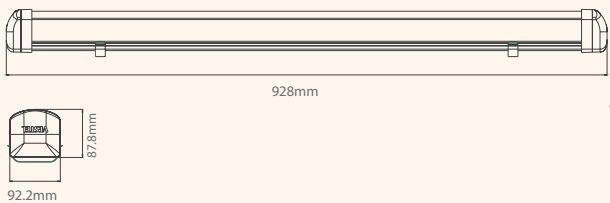
Optical and Electrical

Power	23 W
Lumen output	2300lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	100lm/W
Beam Angle	120
Dimming	1-10V Optional, DALI Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

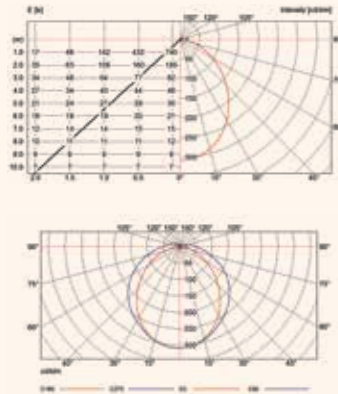
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	928x92,2x87,8 mm
Package Dimensions (WxLxH)	1015x108x108 mm
Product Weight	1,9 - 2,9 kg (Optional)

Dimensions (mm)



Light Curve





Diffused Batten - 120 cm

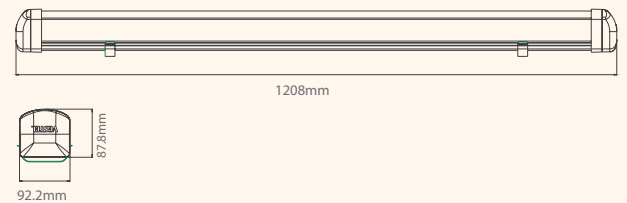
Optical and Electrical

Power	30 W
Lumen output	3000lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	100lm/W
Beam Angle	120
Dimming	1-10V Optional, DALI Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

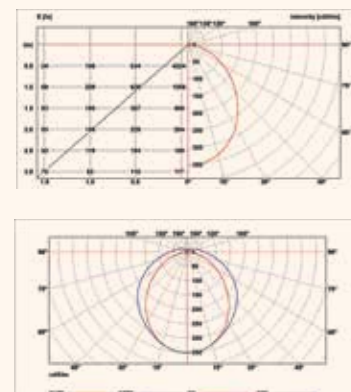
Mechanical

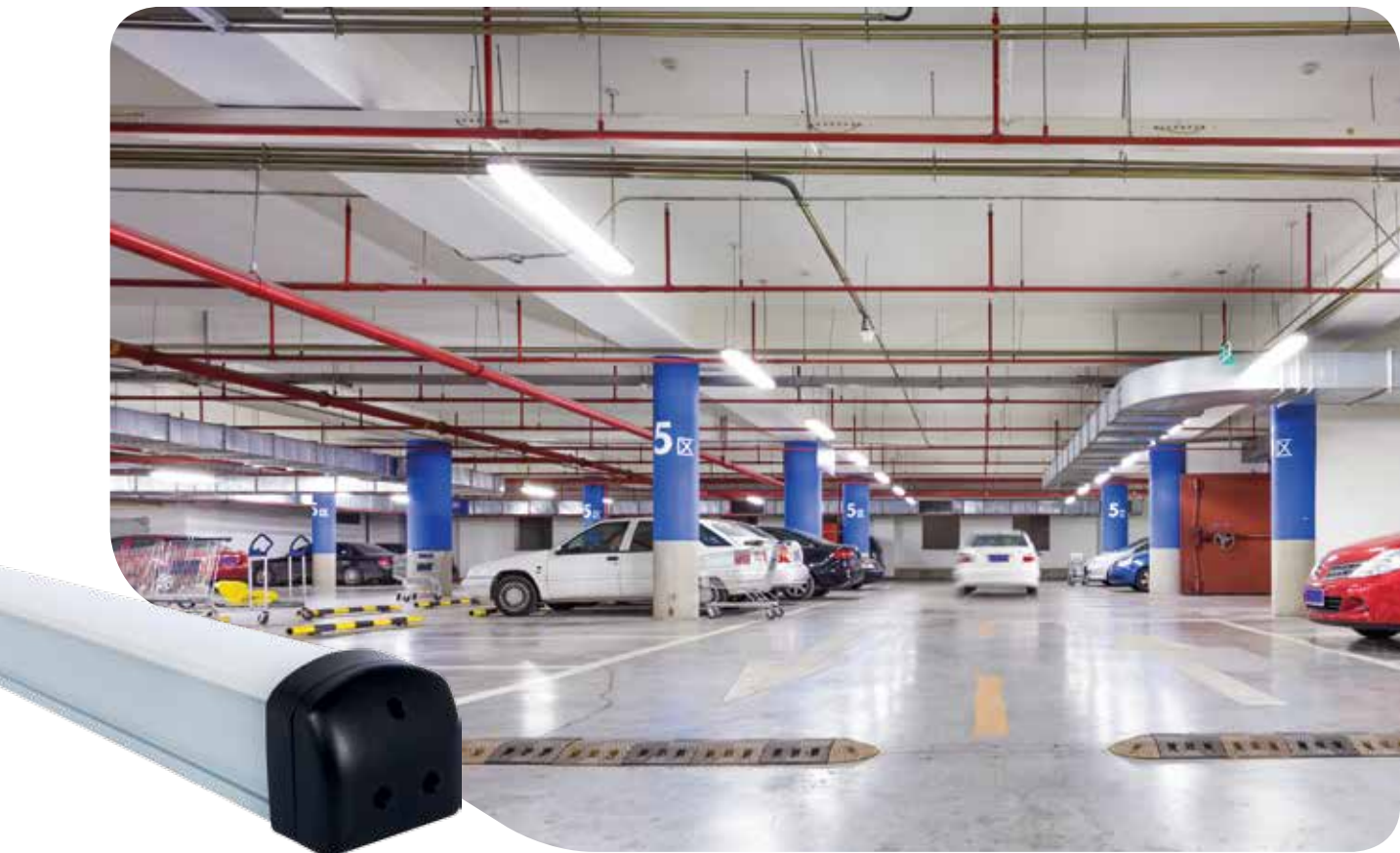
Operating Temperature	-20°C /+40°C
Dimensions	1208x92,2x87,8 mm
Package Dimensions (WxLxH)	1295x108x108 mm
Product Weight	2,4 - 3,4 kg (Optional)

Dimensions (mm)



Light Curve





Diffused Batten - 150 cm

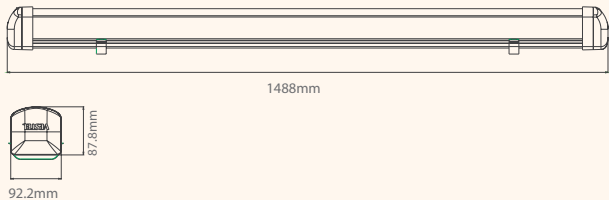
Optical and Electrical

Power	45 W
Lumen output	4500lm±10%
Colour temperature	4000 K
CRI	>80
Efficacy	100lm/W
Beam Angle	120
Dimming	1-10V Optional, DALI Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

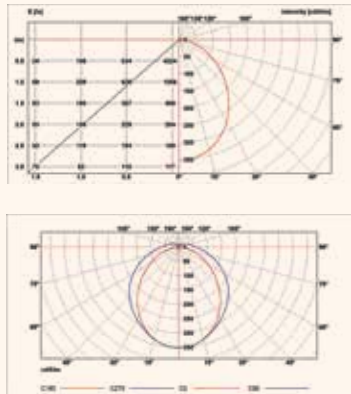
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	1488x92,2x87,8 mm
Package Dimensions (WxLxH)	1575x108x108 mm
Product Weight	2,8 - 3,8 kg (Optional)

Dimensions (mm)



Light Curve





Batten with Led Tube

Optical and Electrical

Power	30 W		
Lumen output	3000lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	100lm/W		
Beam Angle	120°		
Dimming	-		
Life Time	35000 Hours		
IP Rating	IP65		
Emergency Kit	-		

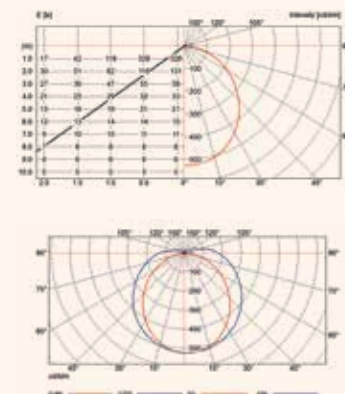
Mechanical

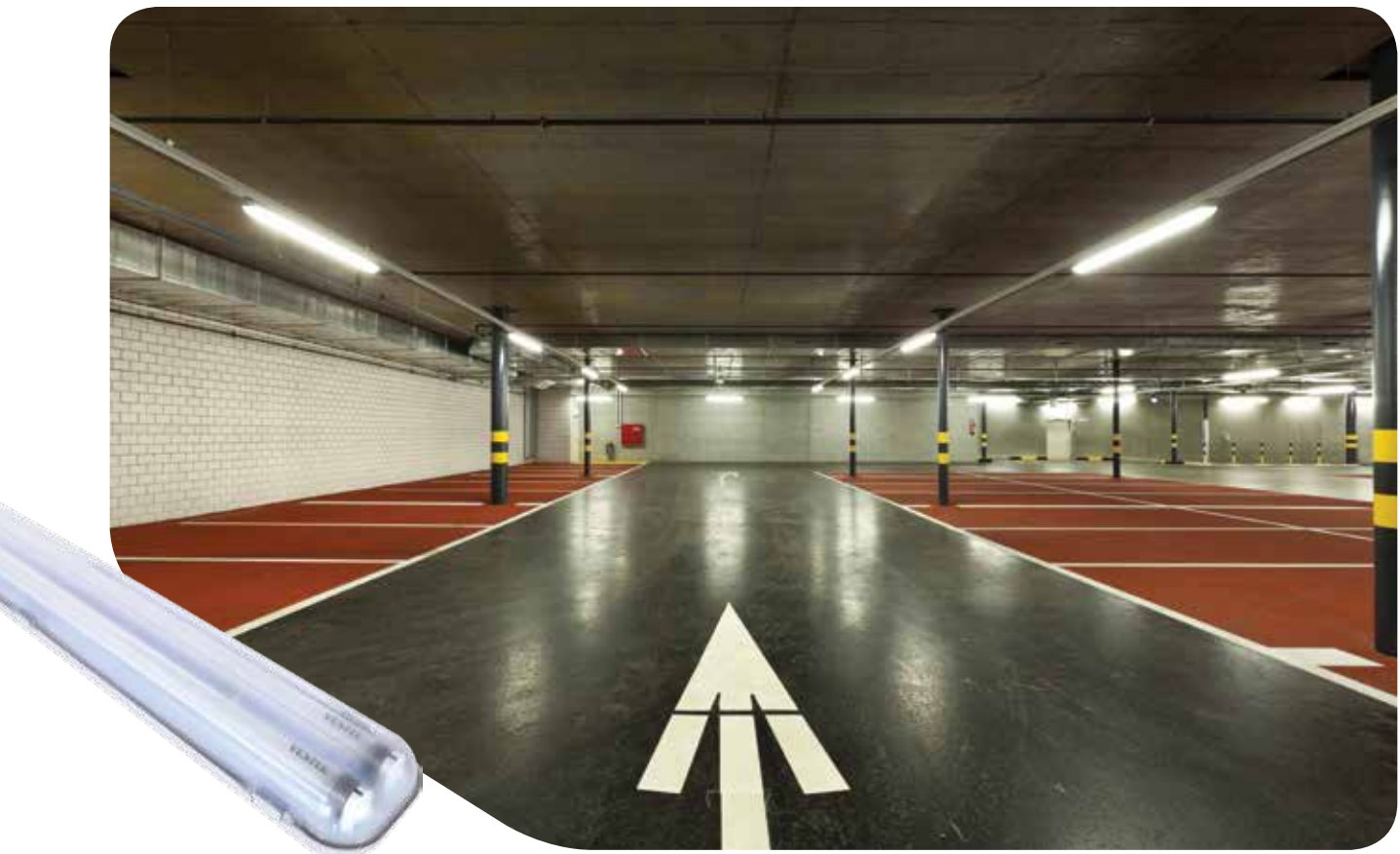
Operating Temperature	-40°C /+45°C
Dimensions	1570x110x100 mm
Package Dimensions (WxLxH)	1620x150x140 mm
Product Weight	2,5 kg

Dimensions (mm)



Light Curve





Batten with Led Tube

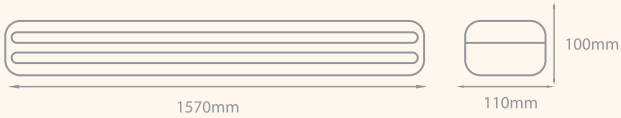
Optical and Electrical

Power	60 W		
Lumen output	6000lm±10%		
Colour temperature	3000 K	4500 K	6500 K
CRI	>80		
Efficacy	100lm/W		
Beam Angle	120°		
Dimming	-		
Life Time	35000 Hours		
IP Rating	IP65		
Emergency Kit	-		

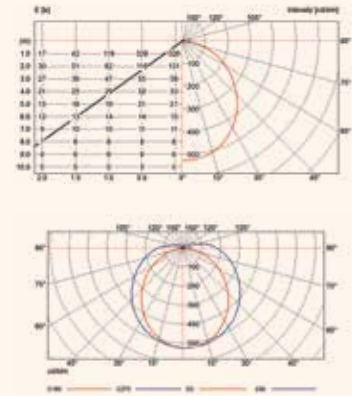
Mechanical

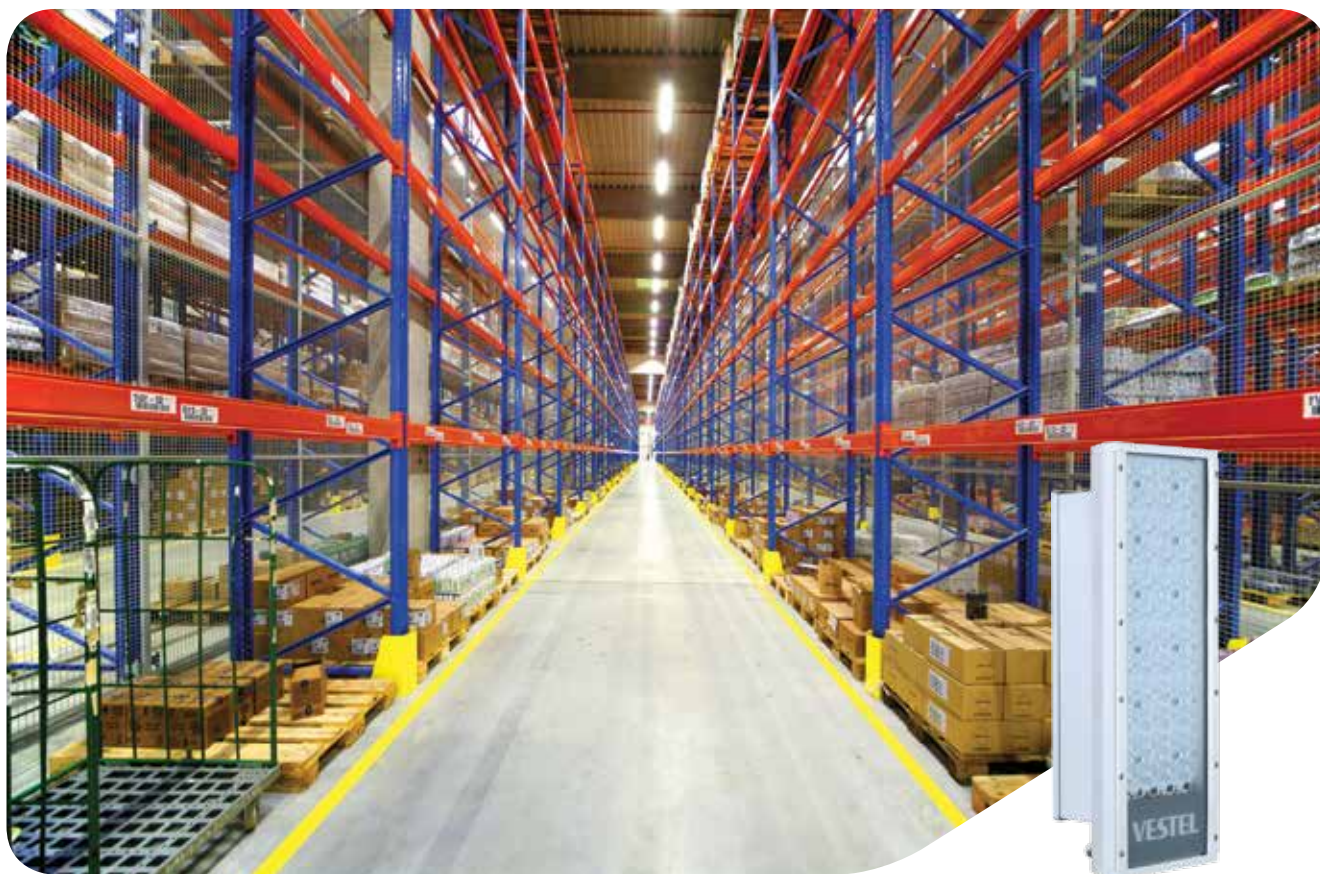
Operating Temperature	-40°C /+45°C
Dimensions	1570x110x100 mm
Package Dimensions (WxLxH)	1620x150x140 mm
Product Weight	2,5 kg

Dimensions (mm)



Light Curve





70 W

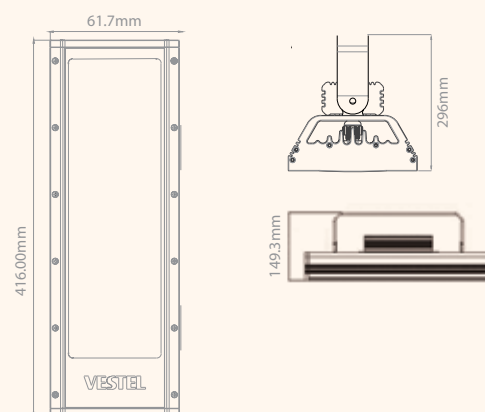
Optical and Electrical

Power	70 W	
Lumen output	7000lm±10%	
Colour temperature	4000K	6500 K
CRI	>70	
Efficacy	100lm/W	
Beam Angle	110°	
Dimming	1-10V Optional, DALI Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	Optional	

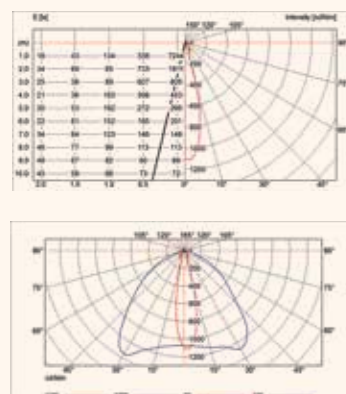
Mechanical

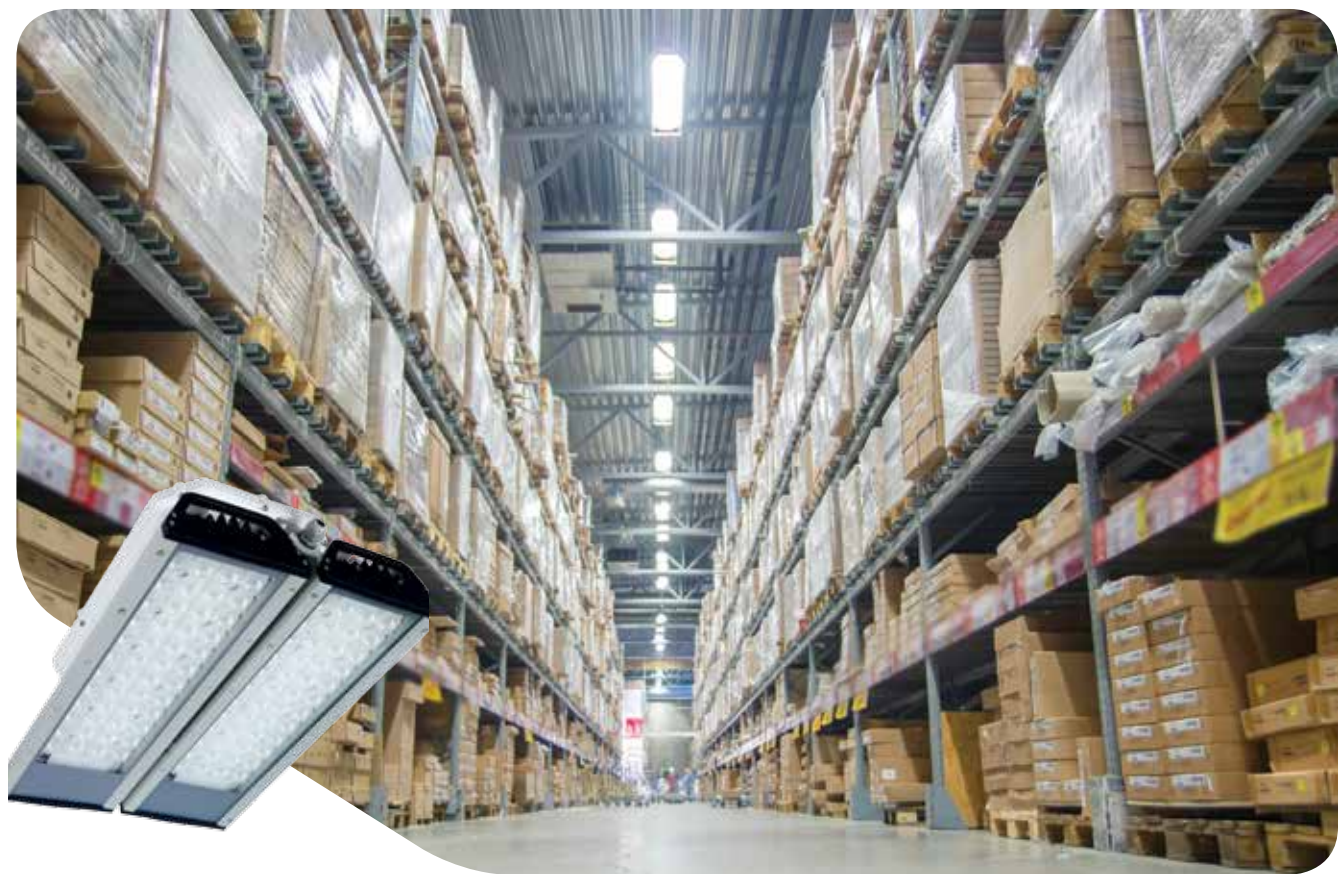
Operating Temperature	0°C /+40°C
Dimensions	416x61,7x296 mm
Package Dimensions (WxLxH)	600x350x300 mm
Product Weight	3,2 kg

Dimensions (mm)



Light Curve





95 W

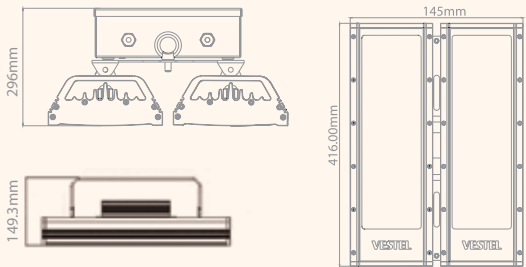
Optical and Electrical

Power	95 W	
Lumen output	10000lm±10%	
Colour temperature	4000K	6500 K
CRI	>70	
Efficacy	105lm/W	
Beam Angle	112°	
Dimming	1-10V Optional, DALI Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	Optional	

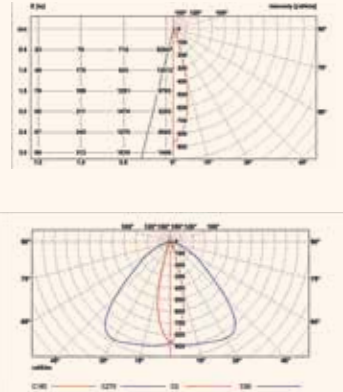
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	416x145x296 mm
Package Dimensions (WxLxH)	600x350x300 mm
Product Weight	9 kg

Dimensions (mm)



Light Curve





120 W

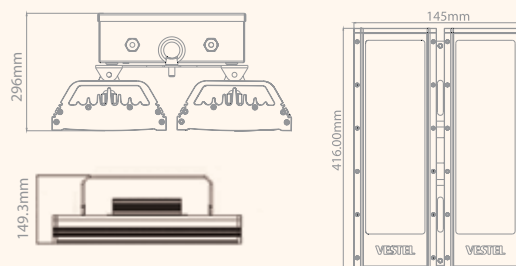
Optical and Electrical

Power	120 W	
Lumen output	12500lm±10%	
Colour temperature	4000K	6500 K
CRI	>70	
Efficacy	105lm/W	
Beam Angle	112°	
Dimming	1-10V Optional, DALI Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	Optional	

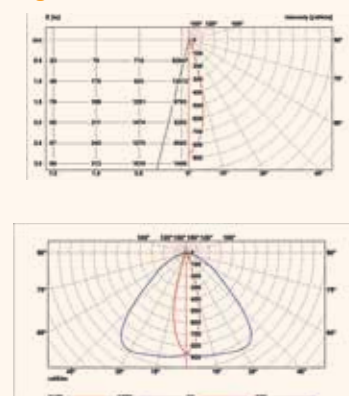
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	416x145x296 mm
Package Dimensions (WxLxH)	600x350x300 mm
Product Weight	9 kg

Dimensions (mm)



Light Curve





172 W

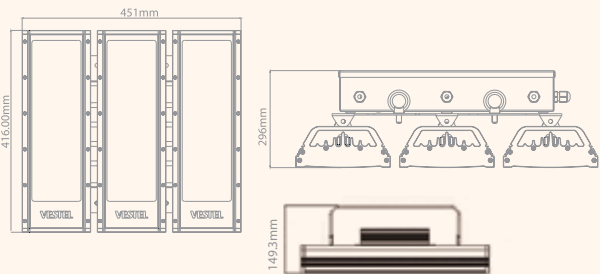
Optical and Electrical

Power	172 W	
Lumen output	18000lm±10%	
Colour temperature	4000K	6500 K
CRI	>70	
Efficacy	105lm/W	
Beam Angle	112°	
Dimming	1-10V Optional, DALI Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	Optional	

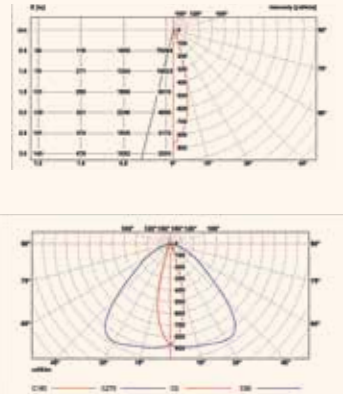
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	416x451x296 mm
Package Dimensions (WxLxH)	600x350x300 mm
Product Weight	12 kg

Dimensions (mm)



Light Curve





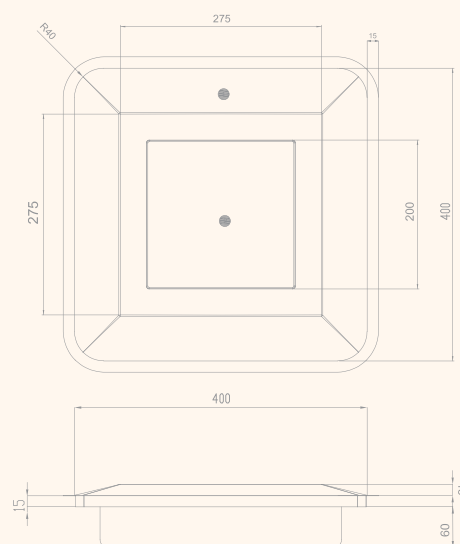
Optical and Electrical

Power	40 W	
Lumen output	4500lm±10%	
Colour temperature	4000K	5700 K
CRI	>70	
Efficacy	114lm/W	
Beam Angle	Symmetric	Asymmetric
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	-	

Mechanical

Operating Temperature	-30°C /+40°C
Dimensions	415x415x75

Dimensions (mm)





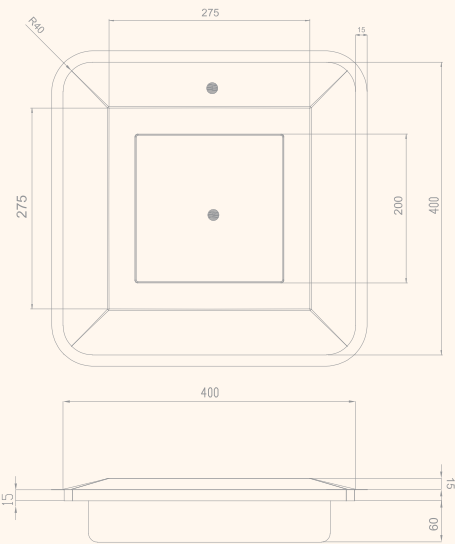
Optical and Electrical

Power	70 W	
Lumen output	8000lm±10%	
Colour temperature	4000K	5700 K
CRI	>70	
Efficacy	114lm/W	
Beam Angle	Symmetric	Asymmetric
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	-	

Mechanical

Operating Temperature	-30°C /+40°C
Dimensions	415x415x75

Dimensions (mm)





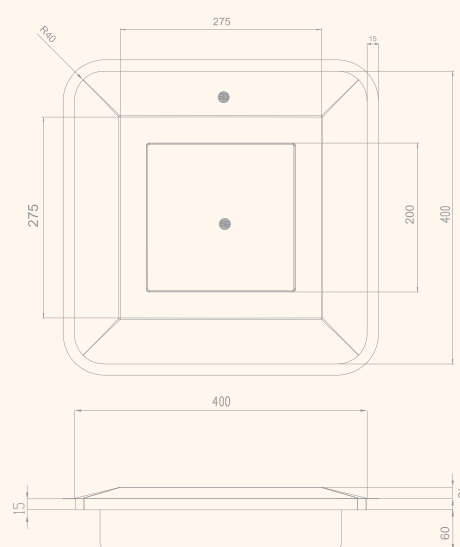
Optical and Electrical

Power	120 W	
Lumen output	13500lm±10%	
Colour temperature	4000K	5700 K
CRI	>70	
Efficacy	114lm/W	
Beam Angle	Symmetric	Asymmetric
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	-	

Mechanical

Operating Temperature	-30°C /+40°C
Dimensions	415x415x75

Dimensions (mm)





Wall-washer - RGBW - 30 cm

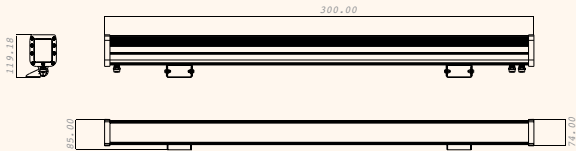
Optical and Electrical

Power	14 W	
Lumen output	Red: 150lm ±10%	Green: 250lm ±10%
	Blue: 90lm ±10%	White: 260lm ±10%
Colour temperature	RGBW (White optional)	
CRI	>60	
Efficacy	-	
Beam Angle	15° 30° 50°	
Dimming	DMX	
Life Time	40000 Hours	
IP Rating	IP65	
Emergency Kit	-	

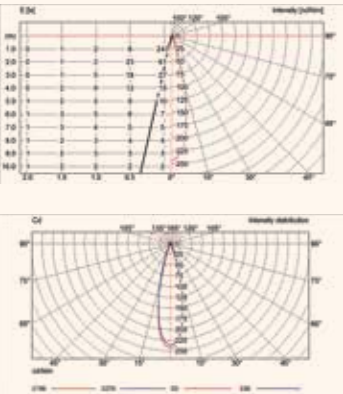
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	300x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - RGBW - 60 cm

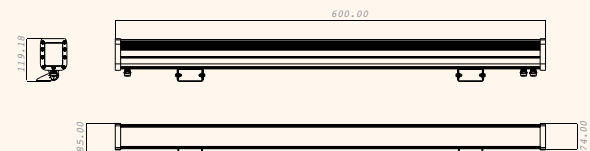
Optical and Electrical

Power	28 W	
Lumen output	Red: 300lm ±10%	Green: 500lm ±10%
	Blue: 270lm ±10%	White: 520lm ±10%
Colour temperature	RGBW (White optional)	
CRI	>60	
Efficacy	-	
Beam Angle	15° 30° 50°	
Dimming	DMX	
Life Time	40000 Hours	
IP Rating	IP65	
Emergency Kit	-	

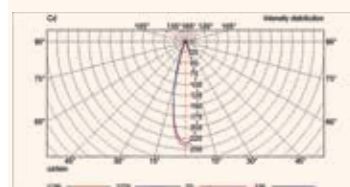
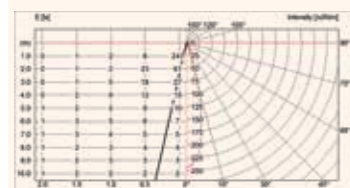
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	600x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - RGBW - 90 cm

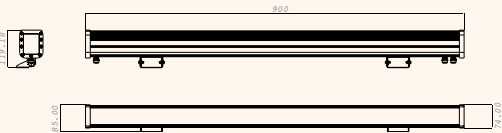
Optical and Electrical

Power	42 W	
Lumen output	Red: 450lm ±10%	Green: 750lm ±10%
	Blue: 250lm ±10%	White: 800lm ±10%
Colour temperature	RGBW (White optional)	
CRI	>60	
Efficacy	-	
Beam Angle	15° 30° 50°	
Dimming	DMX	
Life Time	40000 Hours	
IP Rating	IP65	
Emergency Kit	-	

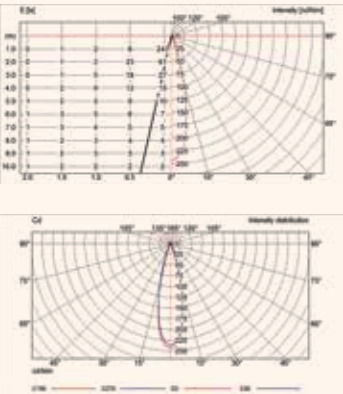
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	900x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - RGBW - 120 cm

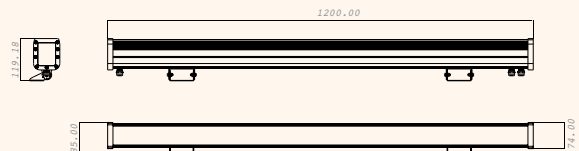
Optical and Electrical

Power	56 W	
Lumen output	Red: 600lm ±10%	Green: 1000lm ±10%
	Blue: 360lm ±10%	White: 1040lm ±10%
Colour temperature	RGBW (White optional)	
CRI	>60	
Efficacy	-	
Beam Angle	15° 30° 50°	
Dimming	DMX	
Life Time	40000 Hours	
IP Rating	IP65	
Emergency Kit	-	

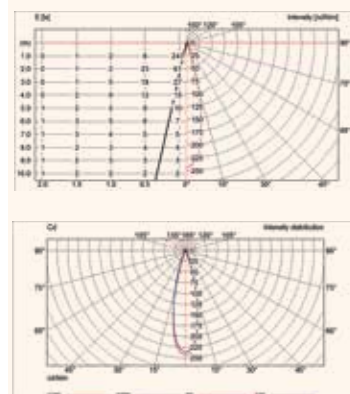
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	1200x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - NW - 30 cm

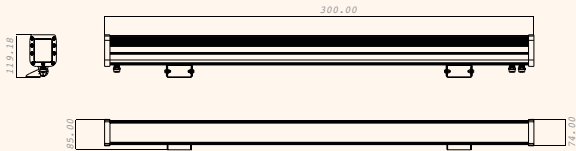
Optical and Electrical

Power	4 W
Lumen output	360lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	90lm/W
Beam Angle	15° 25° 50°
Dimming	-
Life Time	40000 Hours
IP Rating	IP65
Emergency Kit	-

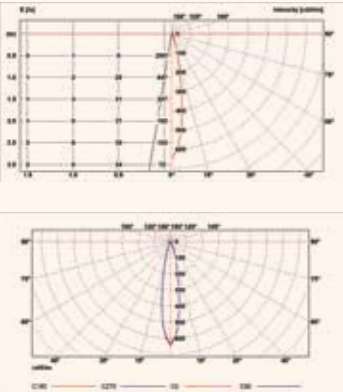
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	300x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - NW - 60 cm

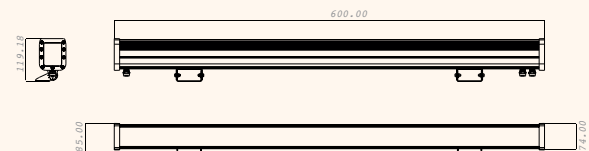
Optical and Electrical

Power	8 W
Lumen output	720lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	90lm/W
Beam Angle	15° 25° 50°
Dimming	-
Life Time	40000 Hours
IP Rating	IP65
Emergency Kit	-

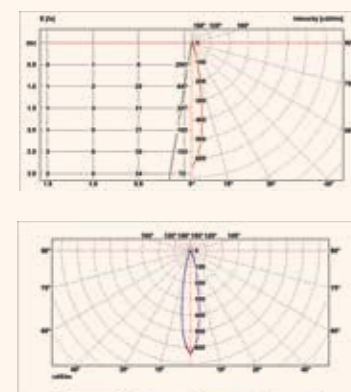
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	600x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - NW - 90 cm

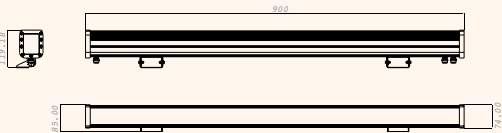
Optical and Electrical

Power	12 W
Lumen output	1080lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	90lm/W
Beam Angle	15° 25° 50°
Dimming	-
Life Time	40000 Hours
IP Rating	IP65
Emergency Kit	-

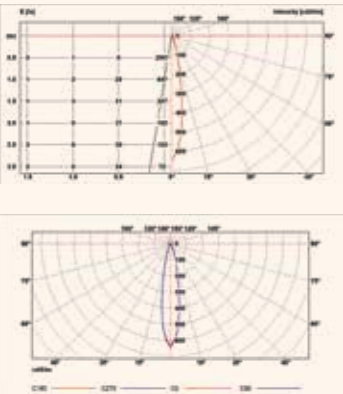
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	900x119x85 mm

Dimensions (mm)



Light Curve





Wall-washer - NW - 120 cm

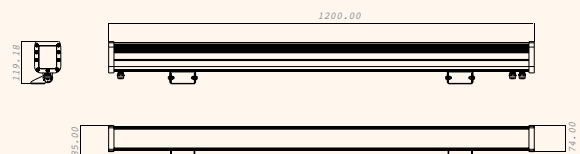
Optical and Electrical

Power	16 W
Lumen output	1440lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	90lm/W
Beam Angle	15° 25° 50°
Dimming	-
Life Time	40000 Hours
IP Rating	IP65
Emergency Kit	-

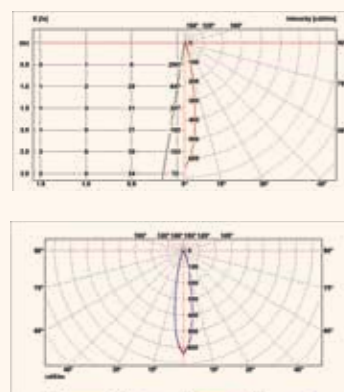
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	1200x119x85 mm

Dimensions (mm)



Light Curve





Color Line RGB - 28 cm

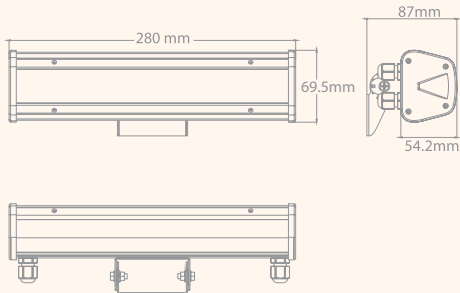
Optical and Electrical

Power	10,5 W
Lumen output	RGB
Colour temperature	-
CRI	-
Efficacy	-
Beam Angle	95°
Dimming	DMX Optional
Life Time	40000 Hours
IP Rating	IP65

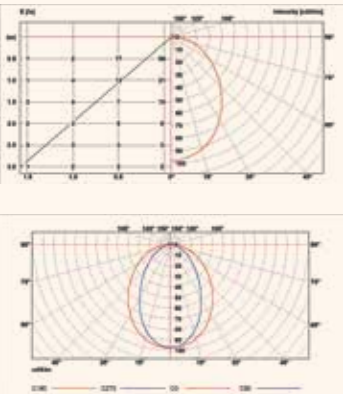
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	280x70x87 mm
Package Dimensions (WxLxH)	115x80x90 mm
Product Weight	0,7 kg

Dimensions (mm)



Light Curve



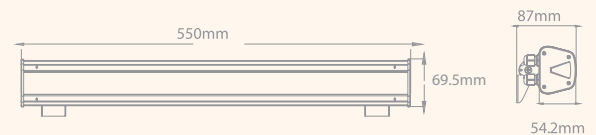


Color Line RGB - 55 cm

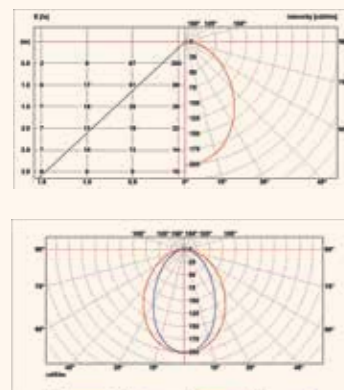
Optical and Electrical

Power	19 W
Lumen output	RGB
Colour temperature	-
CRI	-
Efficacy	-
Beam Angle	95°
Dimming	DMX Optional
Life Time	40000 Hours
IP Rating	IP65

Dimensions (mm)



Light Curve



Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	550x70x87 mm
Package Dimensions (WxLxH)	115x80x90 mm
Product Weight	1,4 kg



Color Line RGB - 108 cm

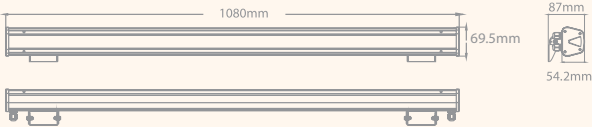
Optical and Electrical

Power	35 W
Lumen output	Red: 250lm±20%
	Green: 510lm±20%
	Blue: 130lm±20%
Colour temperature	RGB (Red, Green, Blue)
CRI	-
Efficacy	-
Beam Angle	95°
Dimming	DMX Optional
Life Time	40000 Hours
IP Rating	IP65

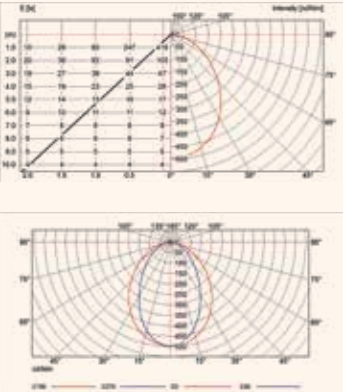
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	1080x70x87 mm
Package Dimensions (WxLxH)	115x80x90 mm
Product Weight	2,8 kg

Dimensions (mm)



Light Curve





RGB Projector

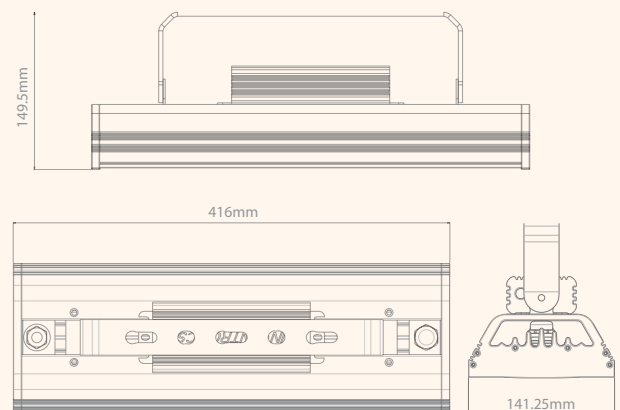
Optical and Electrical

Power	75 W
Lumen output	7000lm±10%
Colour temperature	RGB
CRI	>80
Efficacy	93lm/W
Beam Angle	27° / 112°
Dimming	DMX Optional
Life Time	50000 Hours
IP Rating	IP60
Emergency Kit	-

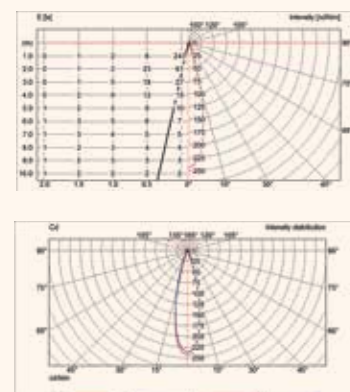
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	416x142x149,3 mm
Package Dimensions (WxLxH)	600x350x300 mm
Product Weight	3 kg

Dimensions (mm)



Light Curve





RGB Projector

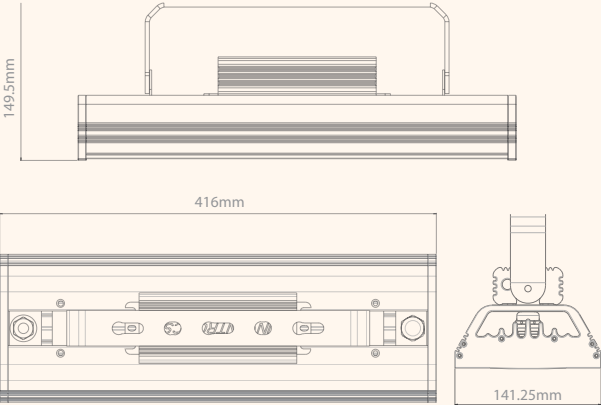
Optical and Electrical

Power	95 W
Lumen output	10000lm±10%
Colour temperature	RGB
CRI	>70
Efficacy	105lm/W
Beam Angle	27° / 112°
Dimming	DMX Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	-

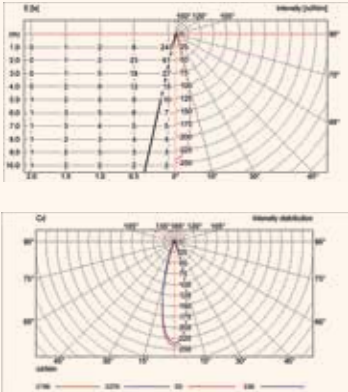
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	416x296x145 mm
Package Dimensions (WxLxH)	600x350x300 mm
Product Weight	9 kg

Dimensions (mm)



Light Curve





Garden Light

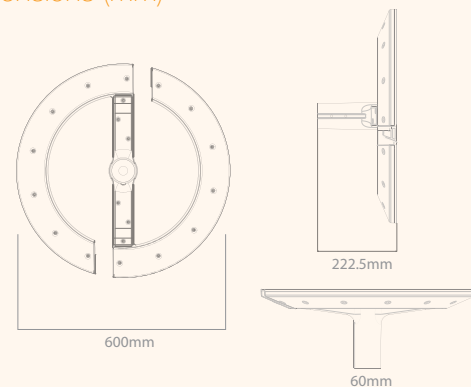
Optical and Electrical

Power	20 W		
Lumen output	1750lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	88lm/W		
Beam Angle	Asymmetric		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

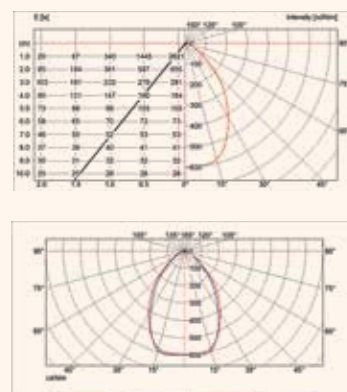
Mechanical

Operating Temperature	-30°C /+50°C
Dimensions	600x225 mm
Package Dimensions (WxLxH)	350x800x800 mm
Product Weight	6,5 kg

Dimensions (mm)



Light Curve





Garden Light

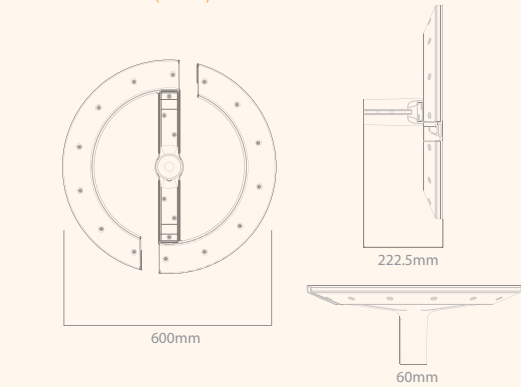
Optical and Electrical

Power	30 W		
Lumen output	2600lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	87lm/W		
Beam Angle	Asymmetric		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

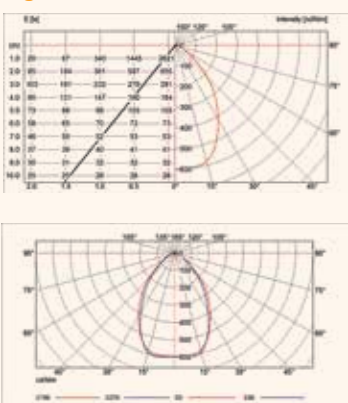
Mechanical

Operating Temperature	-30°C /+50°C
Dimensions	600x225 mm
Package Dimensions (WxLxH)	350x800x800 mm
Product Weight	6,5 kg

Dimensions (mm)



Light Curve





Garden Light

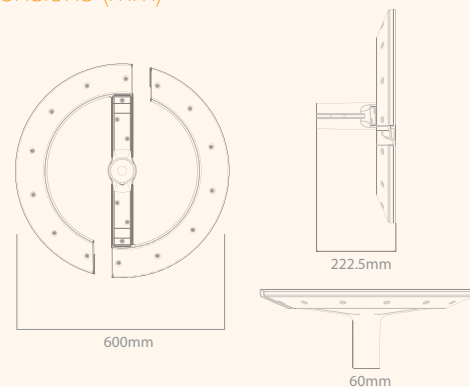
Optical and Electrical

Power	44 W		
Lumen output	4100lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	93lm/W		
Beam Angle	Asymmetric		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

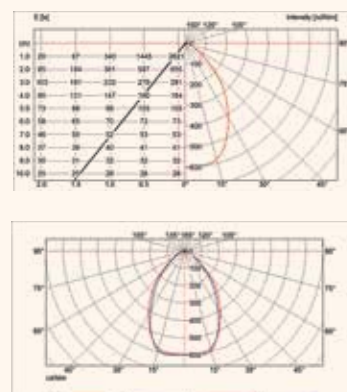
Mechanical

Operating Temperature	-30°C /+50°C
Dimensions	600x225 mm
Package Dimensions (WxLxH)	350x800x800 mm
Product Weight	6,5 kg

Dimensions (mm)



Light Curve





Garden Spot

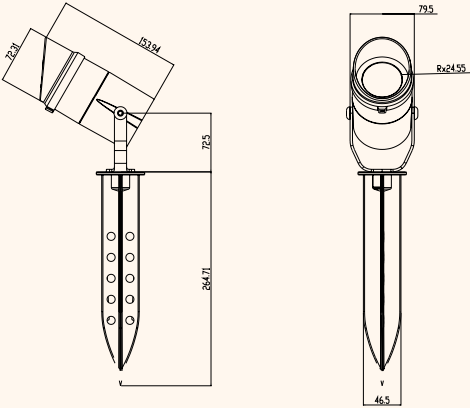
Optical and Electrical

Power	3 W		
Lumen output	200lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>70		
Efficacy	70lm/W		
Beam Angle	25° / 60°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP66		
Emergency Kit	-		

Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	170x170x142 mm

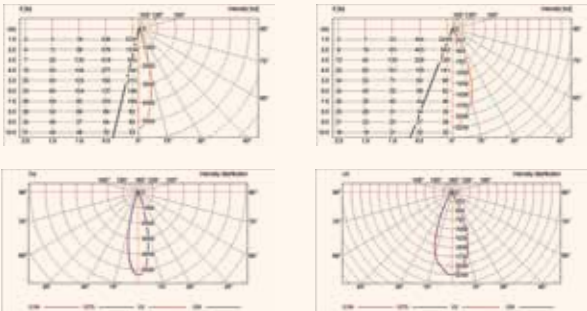
Dimensions (mm)



Light Curve

25°

60°





Garden Spot

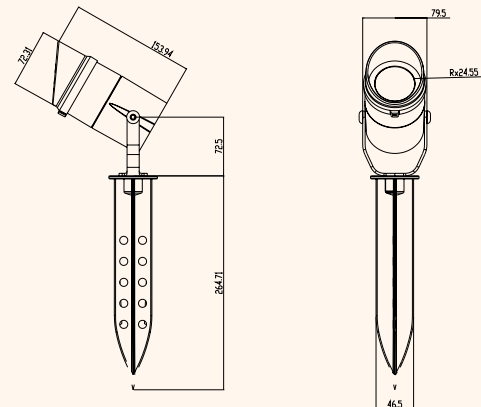
Optical and Electrical

Power	6 W		
Lumen output	4500lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	70lm/W		
Beam Angle	25° / 60°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP66		
Emergency Kit	-		

Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	170x170x142 mm

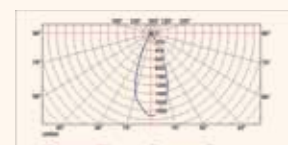
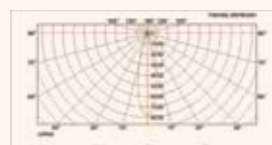
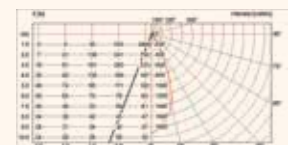
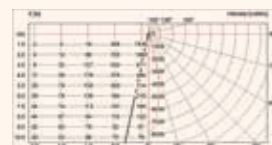
Dimensions (mm)



Light Curve

25°

60°





Garden Spot

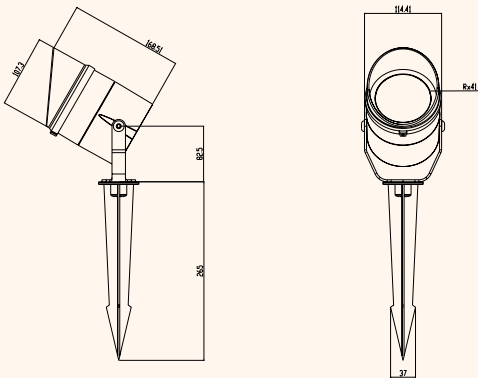
Optical and Electrical

Power	18 W		
Lumen output	12500lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	70lm/W		
Beam Angle	20° / 65°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP66		
Emergency Kit	-		

Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	170x170x142 mm

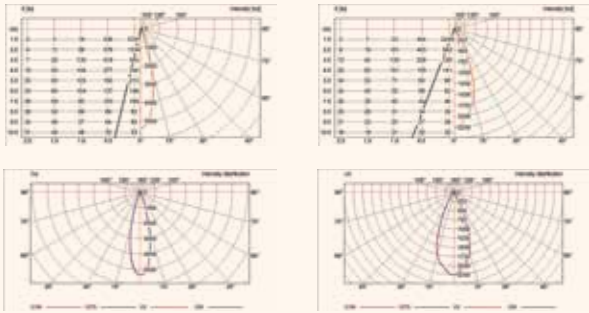
Dimensions (mm)



Light Curve

25°

60°





Garden Spot

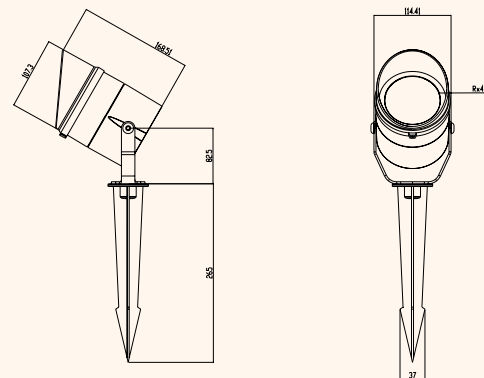
Optical and Electrical

Power	27 W		
Lumen output	1400lm±10%		
Colour temperature	3000 K	4000 K	6500 K
CRI	>80		
Efficacy	70lm/W		
Beam Angle	20° / 45°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP66		
Emergency Kit			

Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	170x170x142 mm

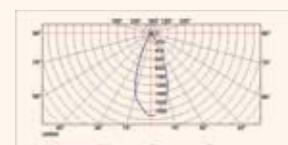
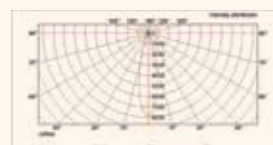
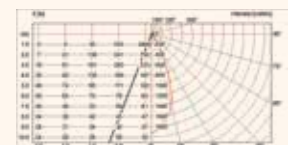
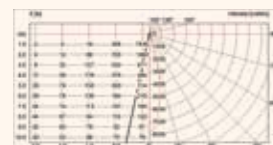
Dimensions (mm)



Light Curve

25°

60°





Bollard

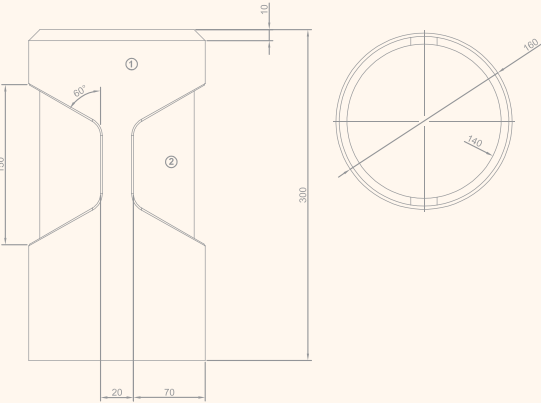
Optical and Electrical

Power	9 W	
Lumen output	800lm±10%	
Colour temperature	3000 K	4000 K
CRI	>80	
Efficacy	88lm/W	
Beam Angle	N/A	
Dimming	-	
Life Time	50000 Hours	
IP Rating	IP66	
Emergency Kit		

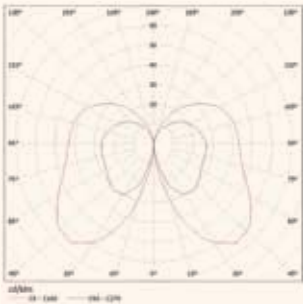
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	170x170x142 mm

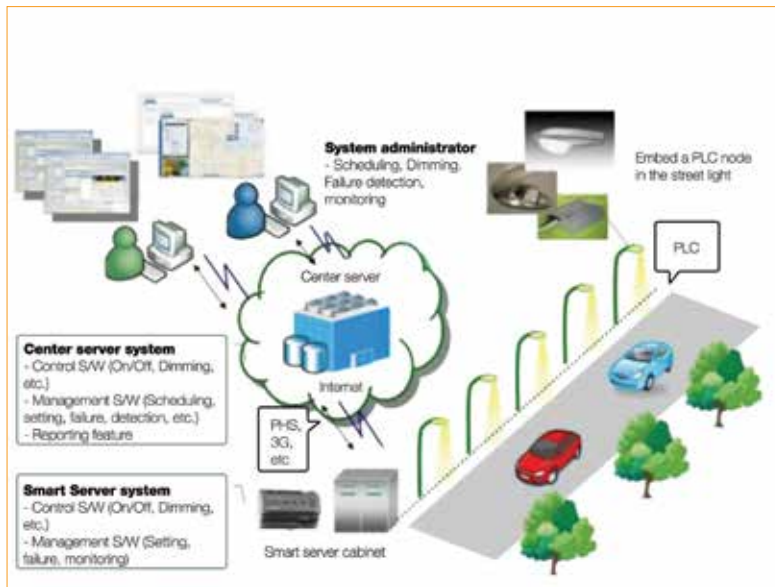
Dimensions (mm)



Light Curve

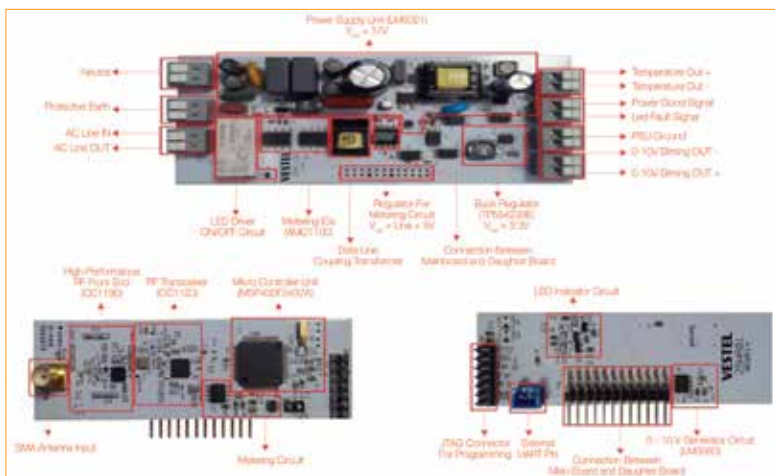


Street Light



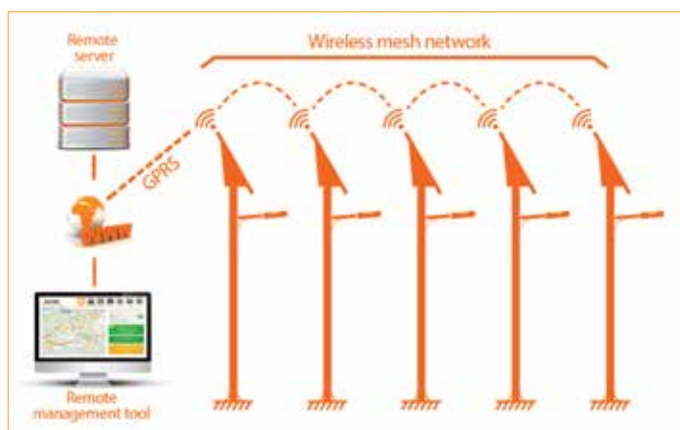
1. Power Line Communication (Plc) Systems

Easy to install by using existing power line infrastructure. No need for additional cabling. Smart server system located in the street can control each luminaire with the help of embedded nodes in the street lights.



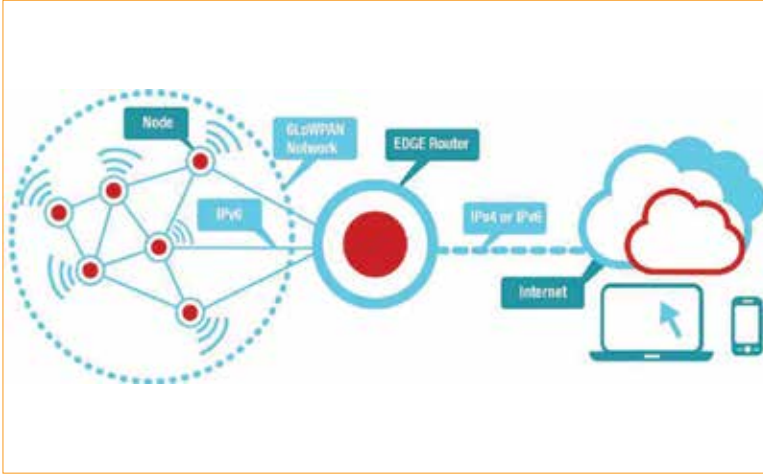
2. Vestel Plc Modules

Vestel Smart Street Lights help you to control every single unit remotely with the help of its own PLC modules. Reliable and sustainable VESTEL solution provides you more energy saving and reduced ROI with less initial investment.



3. Wireless (Wi-Fi) Systems

With the help of wireless mesh network topology, you can control and maintain streetlights in far distances. By using sub 1Ghz low frequency band, you can achieve longer distances



4. Vestel Wifi Modules

Vestel Smart Street Lights are using IP based mesh network for easy control and maintain. By 6-LoWPan technology, you can achieve up to 10km by transferring data in 250kbit/s bandwidth



5. Vestel Smart Street Software

Vestel provides easy to use software solution based on mapping system to control and maintain street lights. Control panel allows you to manage, get reports and get logs of the street lights for maintenance. You can significantly reduce your labor cost with VESTEL Smart Street Software



6. Remote Dimming

With the help of Vestel Smart Street Software, you can dim street light remotely to increase energy saving and reduce ROI.



Ephesus M2S - 165

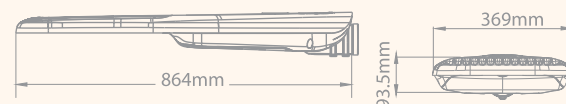
Optical and Electrical

Power	165 W
Lumen output	19000lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

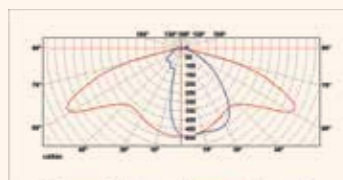
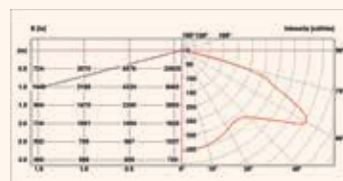
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	866x370x94 mm
Package Dimensions (WxLxH)	900x420x165 mm
Product Weight	11 kg

Dimensions (mm)



Light Curve





Ephesus M2S - 147

Optical and Electrical

Power	147 W
Lumen output	17000lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

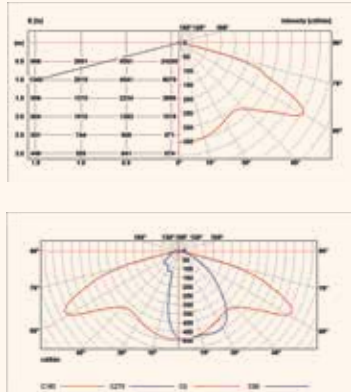
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	866x370x94 mm
Package Dimensions (WxLxH)	900x420x165 mm
Product Weight	11 kg

Dimensions (mm)



Light Curve





Ephesus M2S - 128

Optical and Electrical

Power	128 W
Lumen output	14800lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	Optional

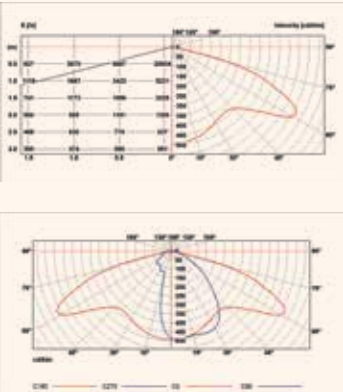
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	866x370x94 mm
Package Dimensions (WxLxH)	900x420x165 mm
Product Weight	11 kg

Dimensions (mm)



Light Curve





Ephesus M3S - 108

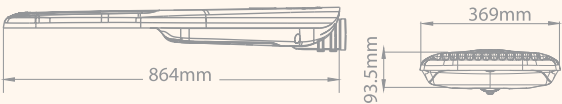
Optical and Electrical

Power	108 W
Lumen output	12500lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

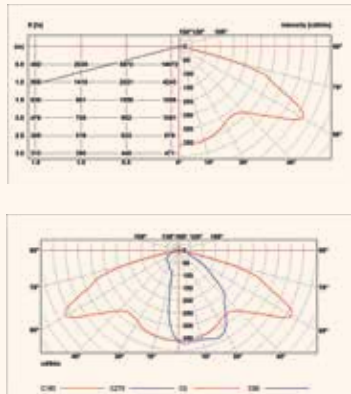
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	866x370x94 mm
Package Dimensions (WxLxH)	900x420x165 mm
Product Weight	11 kg

Dimensions (mm)



Light Curve





Ephesus M3S - 90

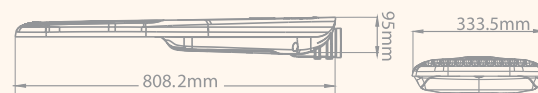
Optical and Electrical

Power	90 W
Lumen output	11400lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Y:65°/D:145°
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	Optional

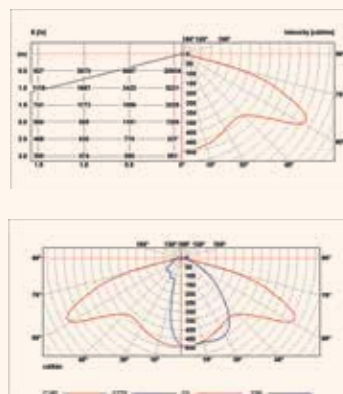
Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	808x333,5x95 mm
Package Dimensions (WxLxH)	870x385x150 mm
Product Weight	10,3 kg

Dimensions (mm)



Light Curve





Ephesus M4S - 68

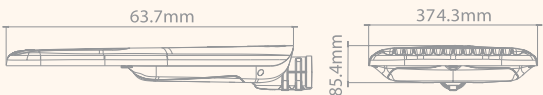
Optical and Electrical

Power	68 W
Lumen output	7800lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

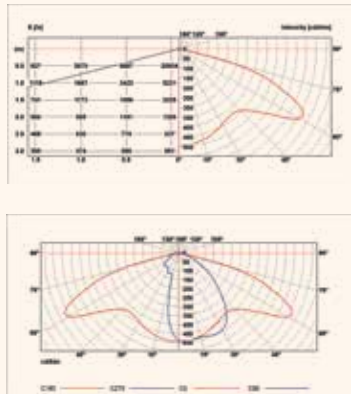
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Ephesus M4H - 48

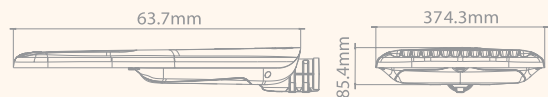
Optical and Electrical

Power	48 W
Lumen output	7000lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	145lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

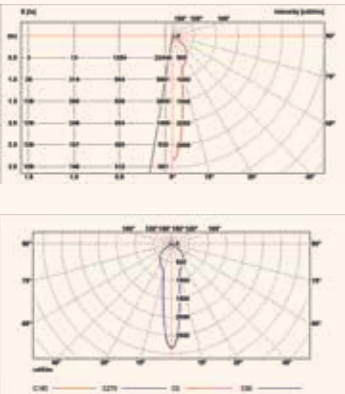
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Ephesus M5S - 47

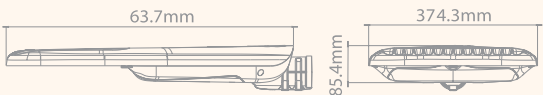
Optical and Electrical

Power	47 W
Lumen output	5400lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

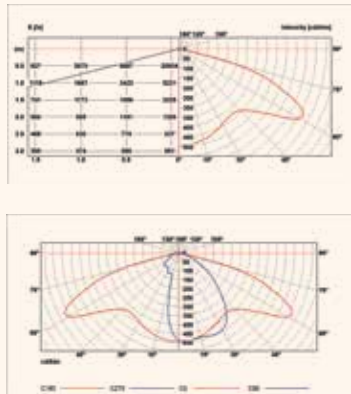
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Ephesus M5S - 35

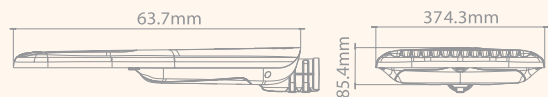
Optical and Electrical

Power	35 W
Lumen output	3280lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

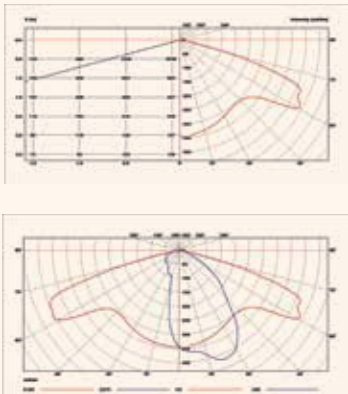
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Ephesus M6S - 24

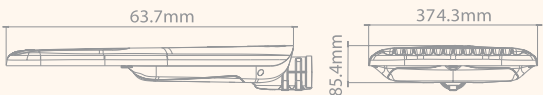
Optical and Electrical

Power	24 W
Lumen output	2800lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

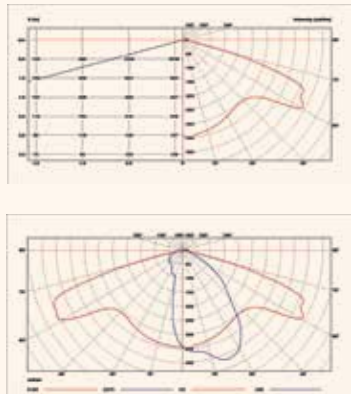
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Ephesus M6H - 13

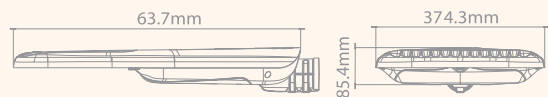
Optical and Electrical

Power	13 W
Lumen output	1900lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	145lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

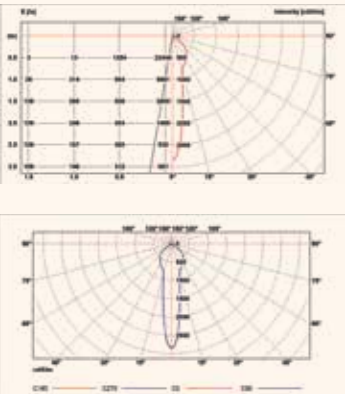
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Sardes M2S - 128

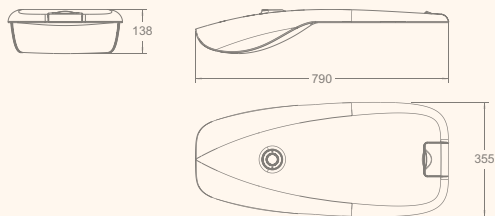
Optical and Electrical

Power	128 W
Lumen output	14800lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	Optional

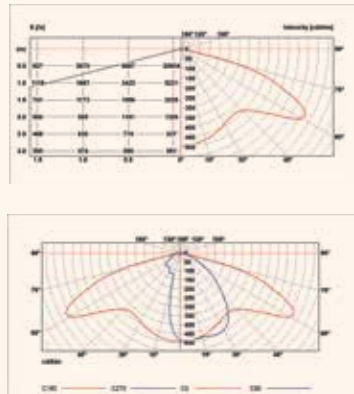
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	866x370x94 mm
Package Dimensions (WxLxH)	900x420x165 mm
Product Weight	11 kg

Dimensions (mm)



Light Curve





Sardes M3S - 90

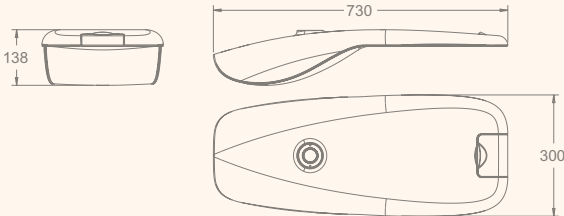
Optical and Electrical

Power	90 W
Lumen output	11400lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Y:65°/D:145°
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	Optional

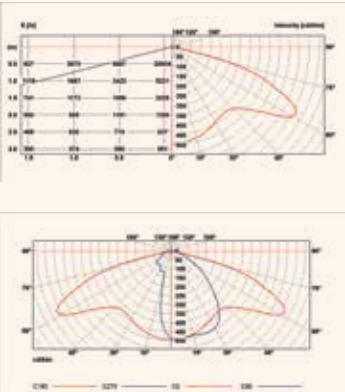
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	808x333,5x95 mm
Package Dimensions (WxLxH)	870x385x150 mm
Product Weight	10,3 kg

Dimensions (mm)



Light Curve





Sardes M4S - 68

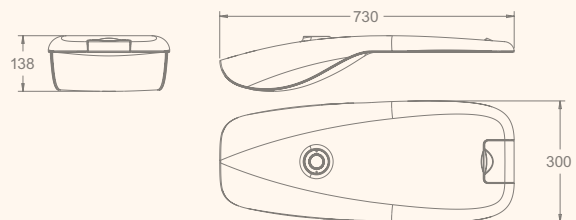
Optical and Electrical

Power	68 W
Lumen output	7800lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

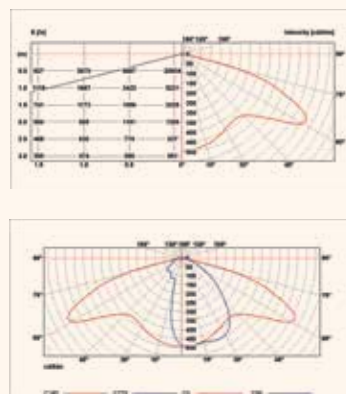
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Sardes M5S - 47

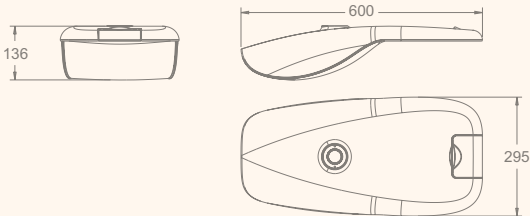
Optical and Electrical

Power	47 W
Lumen output	5400lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	-
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

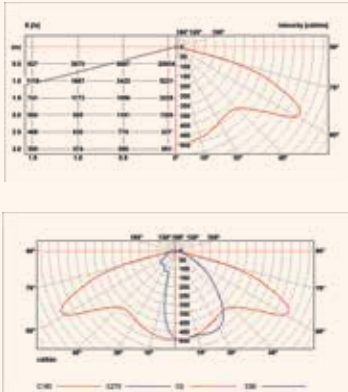
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve





Sardes M6S - 24

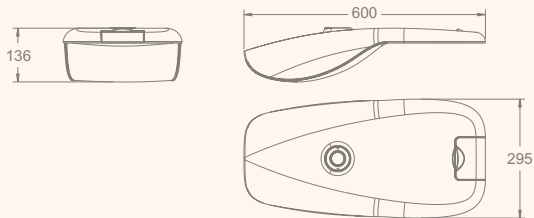
Optical and Electrical

Power	24 W
Lumen output	2800lm±10%
Colour temperature	4000 K
CRI	>70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	1-10V Optional PLC Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

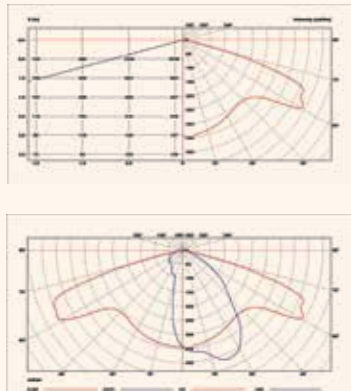
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637x374,3x85,4 mm
Package Dimensions (WxLxH)	715x420x145 mm
Product Weight	9,5 kg

Dimensions (mm)



Light Curve



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