



LED Lighting Solutions
2016-2017

VESTEL





LED Luminaires



Company Profile

04-05



Global Operations

06-07

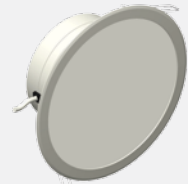


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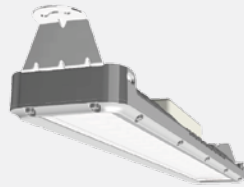
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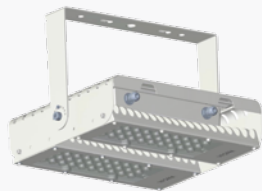
Garden Spot

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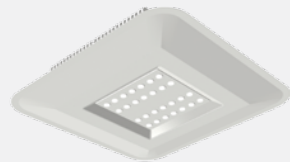
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Company Profile

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.

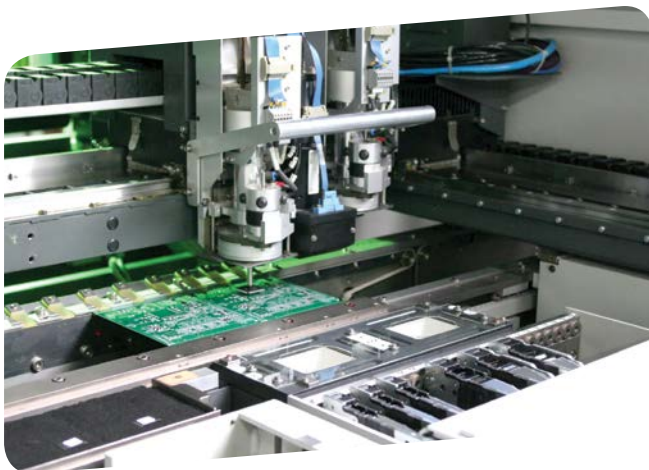
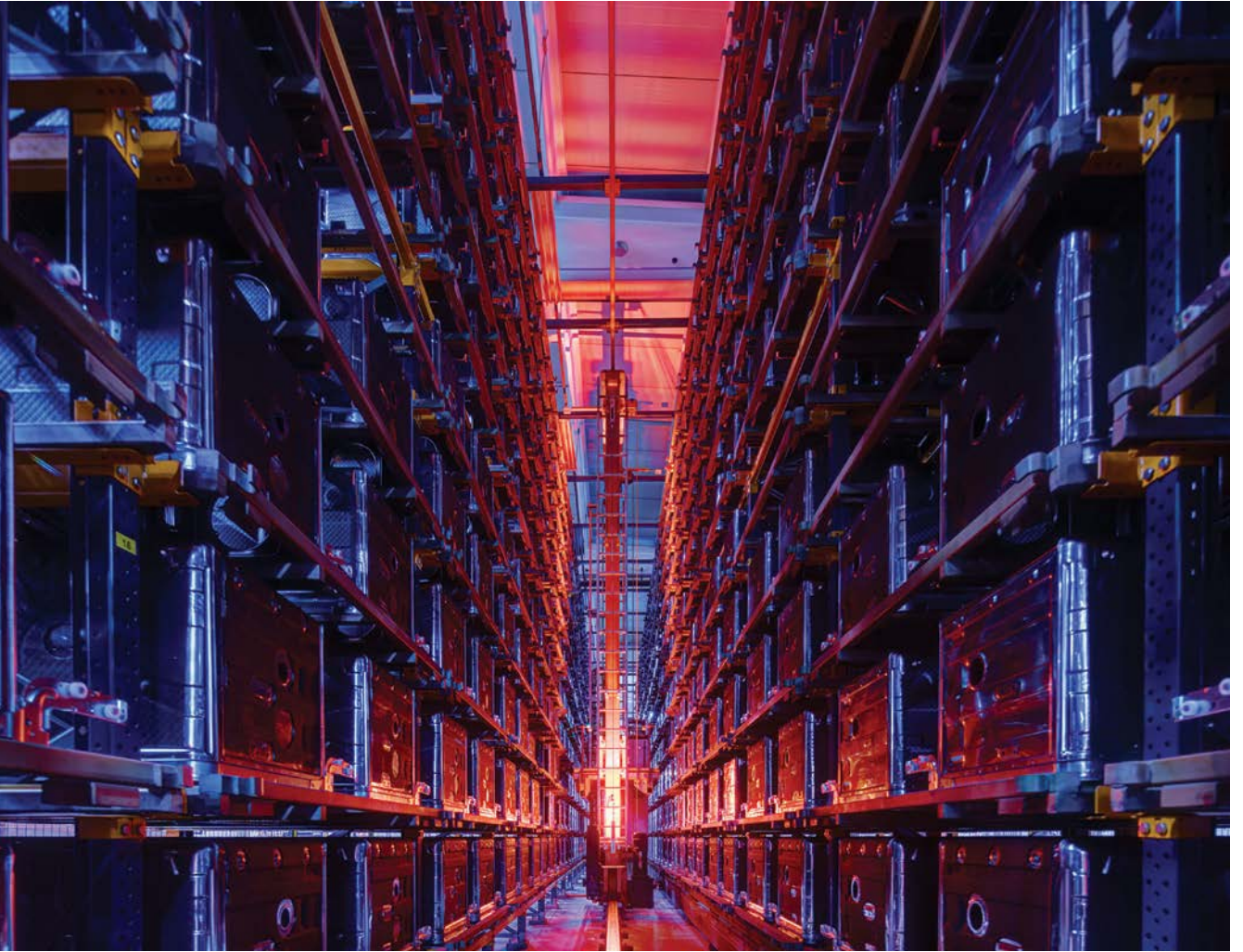
Vestel offers a wide range of LED Lighting solutions for retail, offices, hospitality, outdoor, healthcare, industrial and architectural use. Vestel LED Lighting solutions are designed



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, Istanbul, 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 152 countries.

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

 Global Operations



Manufacturing & Assembly Plants

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

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

Refrigerator, Washing Machine, Dishwasher, Cooking Appliances,

Air Conditioner, Water Heater Manisa, Turkey

Marketing & Sales Companies

Vestel Trade, Turkey

Vestel France, France

Vestel Germany, 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

R&D Centers

Manisa, Turkey

Istanbul, Turkey

Bristol, UK

Shanghai, China

Led Luminaires

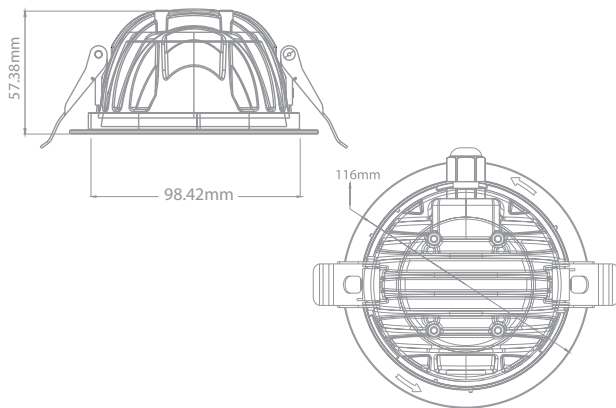


Downlight

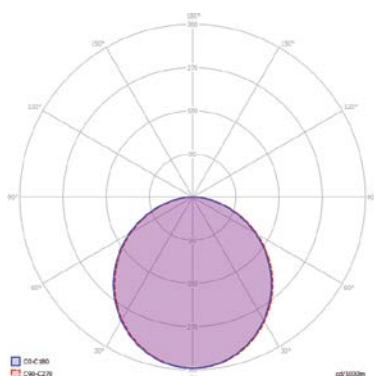
Aluminium Diffused Downlight - 4"



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

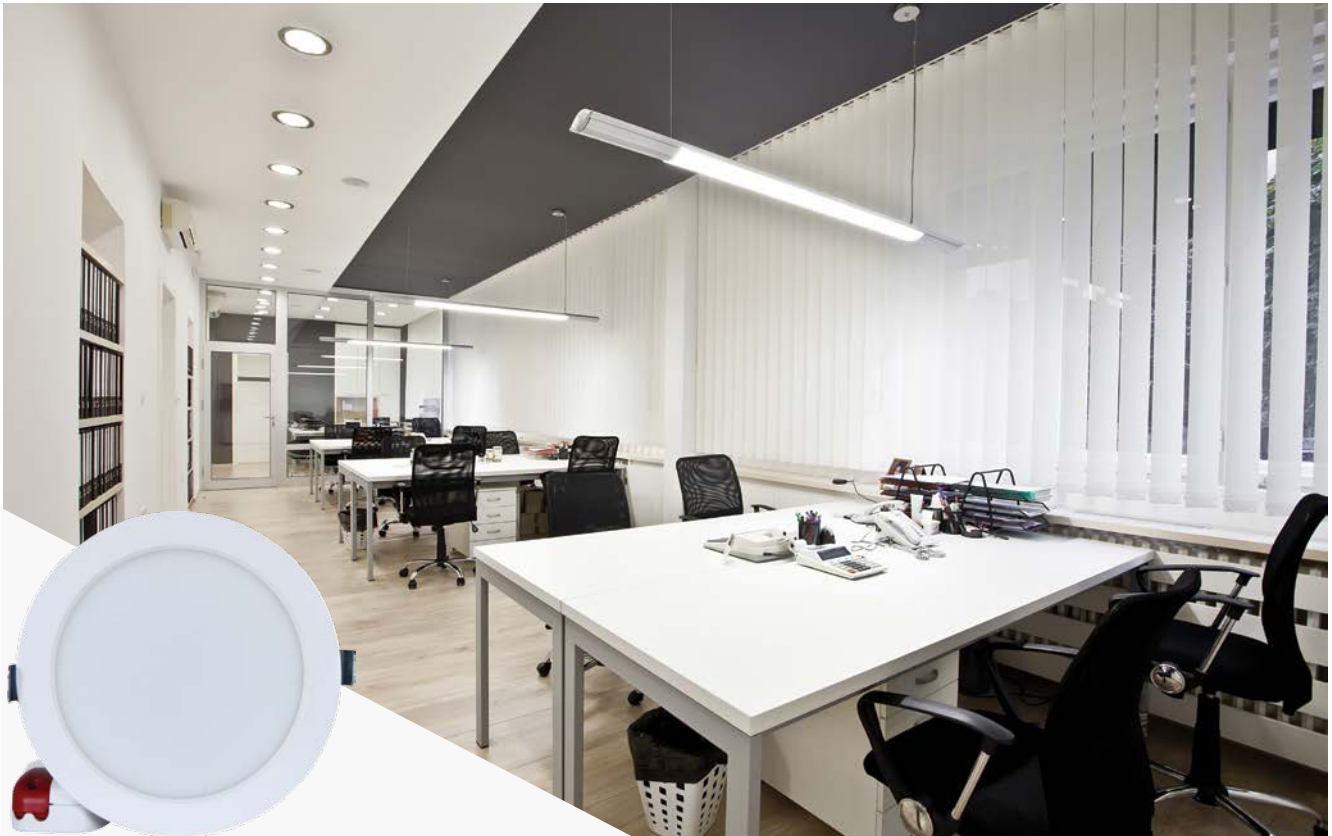
Power	10 W		
Lumen output	900lm	950lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	90lm/W	95lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C - +40°C
Dimensions	116 x 116 x 57,38 mm
Product Weight	0,5 kg
Mounting Options	Recessed

Downlight

Aluminium Diffused Downlight - 6"



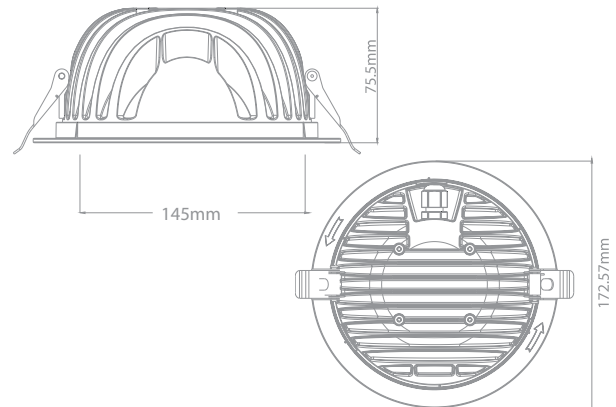
Optical and Electrical

Power	13W		
Lumen output	1150lm	1250lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	88lm/W	98lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

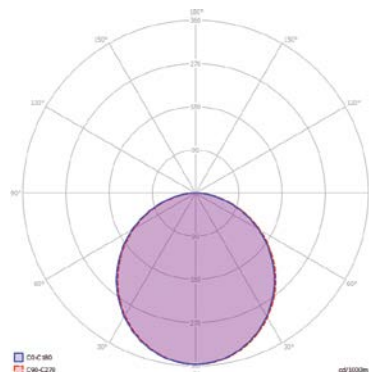
Mechanical

Operating Temperature	0°C - +40°C
Dimensions	172,57 x 172,57 x 75,5 mm
Product Weight	0,71 kg
Mounting Options	Recessed

DIMENSIONS (mm)



LIGHT CURVE

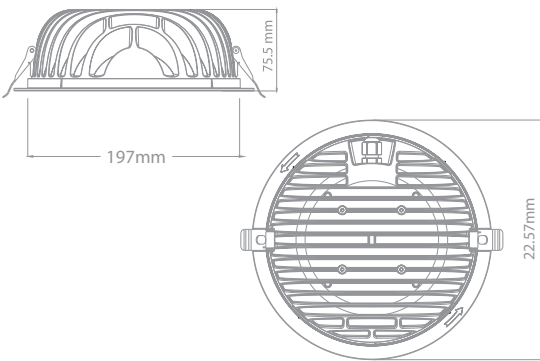


Downlight

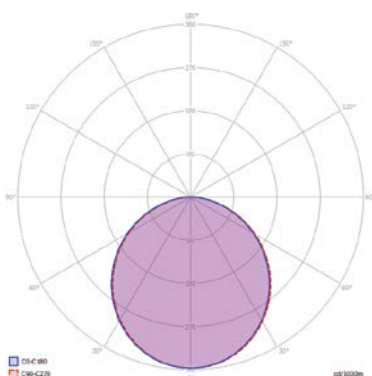
Aluminium Diffused Downlight - 8"



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	19W		
Lumen output	1800lm	1900lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	95lm/W	100lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0C° / +40°C		
Dimensions	222,57 x 222,57 x 75,5 mm		
Product Weight	1,1 kg		
Mounting Options	Recessed		

Downlight

Plastic Diffused Downlight - 4"



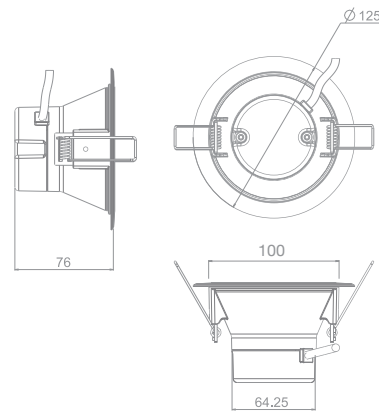
Optical and Electrical

Power	10W		
Lumen output	700lm	750lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	70lm/W	75lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	25000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

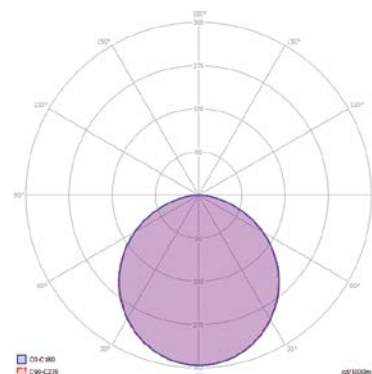
Mechanical

Operating Temperature	-
Dimensions	125 x 125 x 76 mm
Product Weight	0,187 kg
Mounting Options	Recessed

DIMENSIONS (mm)



LIGHT CURVE

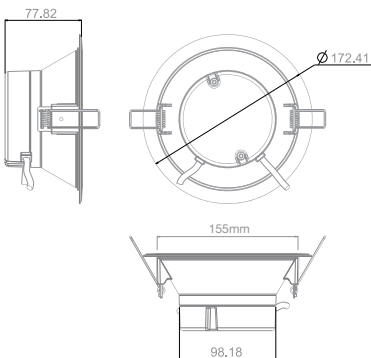


Downlight

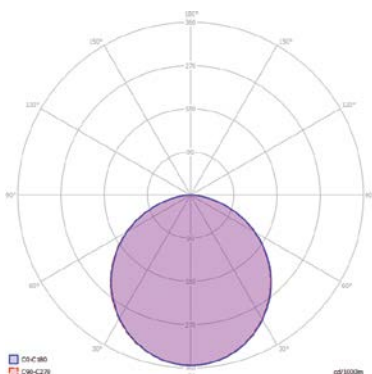
Plastic Diffused Downlight - 6"



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	13W		
Lumen output	900lm	1000lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	70lm/W	77lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	25000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	-
Dimensions	172,41 x 172,41 x 77,82 mm
Product Weight	0,262 kg
Mounting Options	Recessed

Downlight

Plastic Diffused Downlight - 8"



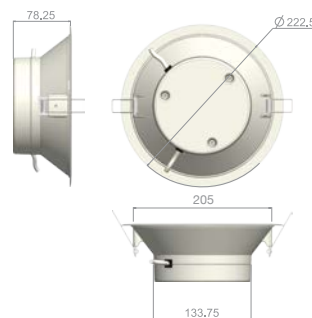
Optical and Electrical

Power	19W		
Lumen output	1500lm	1600lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	79lm/W	84lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	25000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

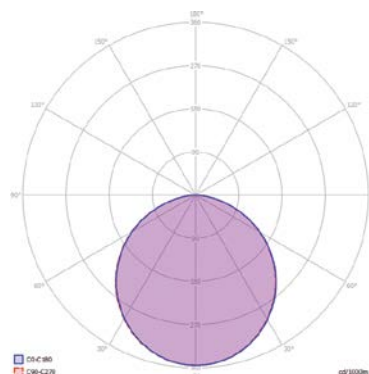
Mechanical

Operating Temperature	-
Dimensions	222,5 x 222,5 x 78,25 mm
Product Weight	0,396 kg
Mounting Options	Recessed

DIMENSIONS (mm)

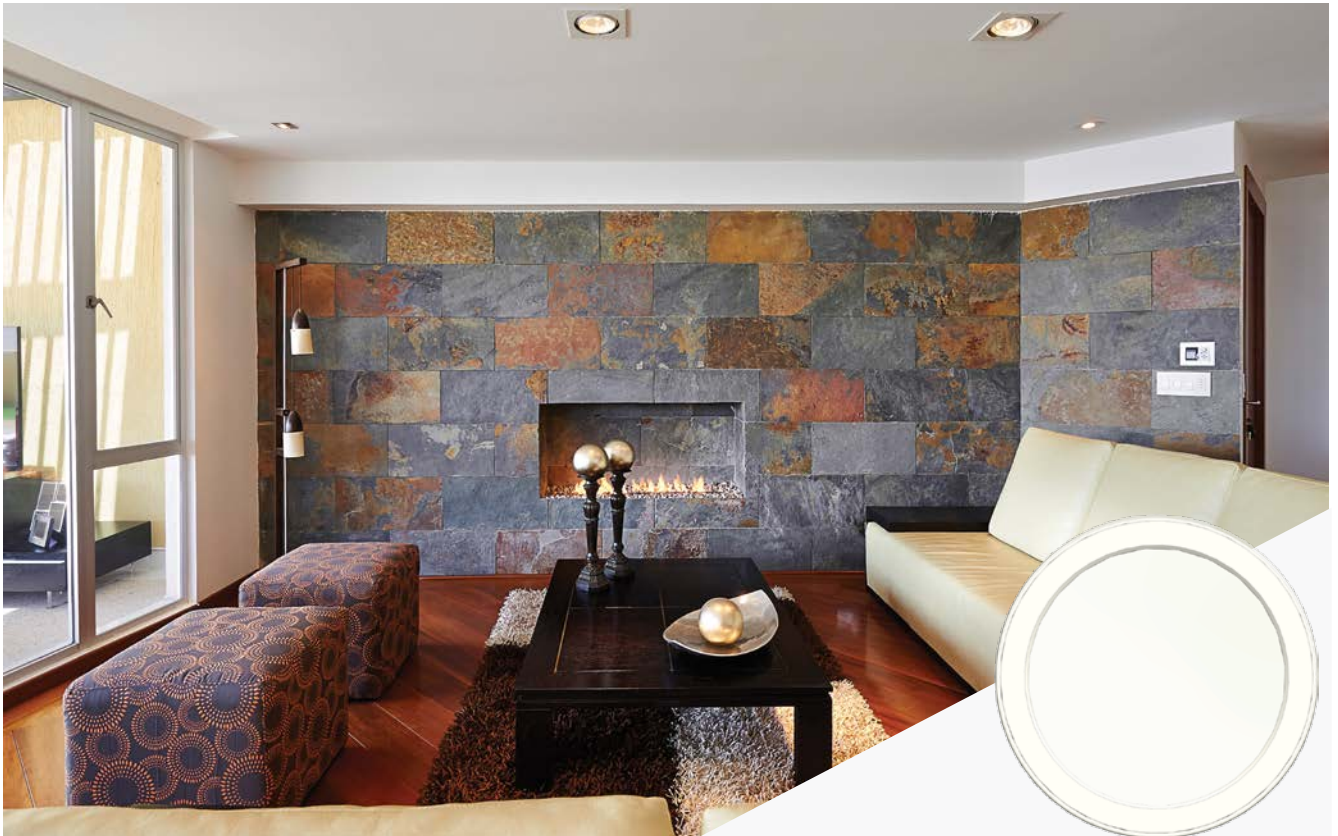


LIGHT CURVE

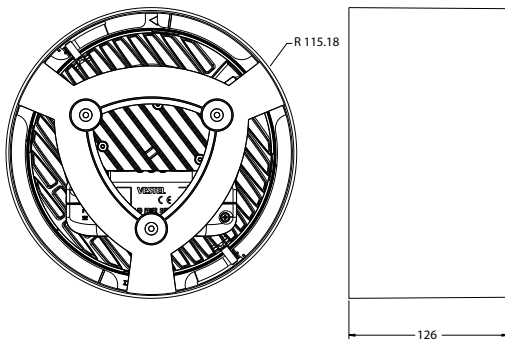


Downlight

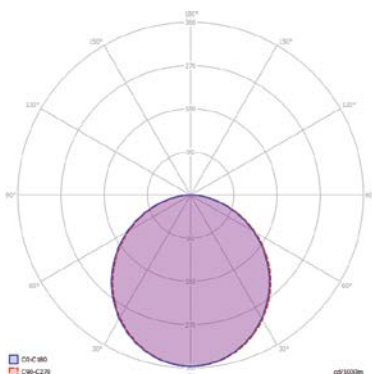
Wall light - 6"



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

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

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	181 x 181 x 126 mm
Product Weight	1,5 kg
Mounting Options	Surface Mounted

Downlight

Wall light - 8"



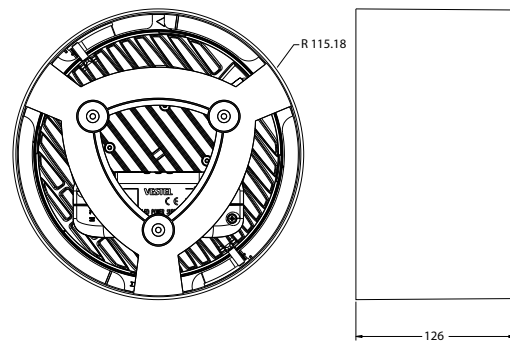
Optical and Electrical

Power	19 W		
Lumen output	1800lm	1900lm	
Colour temperature	3000 K	4000 K	6500 K
CRI	≥80		
Efficacy	95lm/W	100lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

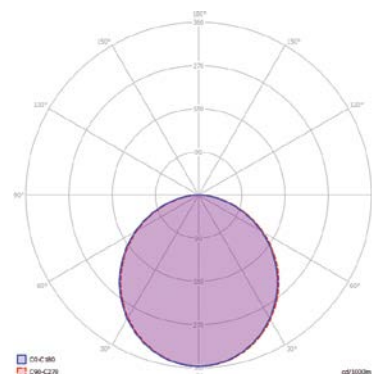
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	230 x 230 x 126 mm
Product Weight	2,5 kg
Mounting Options	Surface Mounted

DIMENSIONS (mm)



LIGHT CURVE



Panel Light

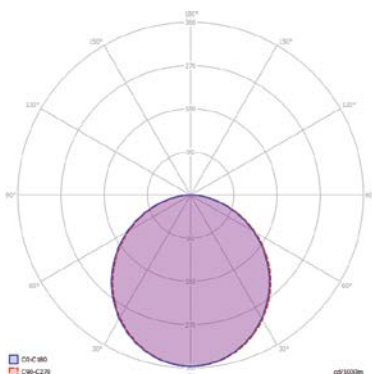
Back lit - Plastic 2M 60x60



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	20W		
Lumen output	2300lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	115lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	594,6 x 594,6 x 46,85 mm
Product Weight	1,85 kg
Mounting Options	Recessed

Panel Light

Back lit - Plastic 3M 60x60



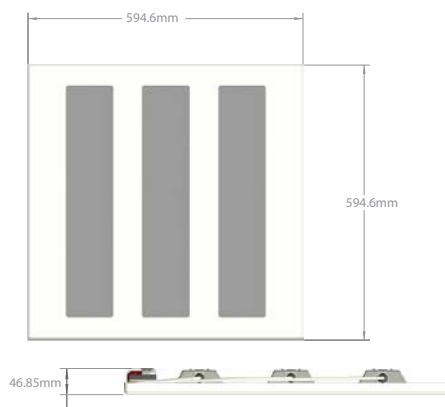
Optical and Electrical

Power	26W		
Lumen output	3200lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	123lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

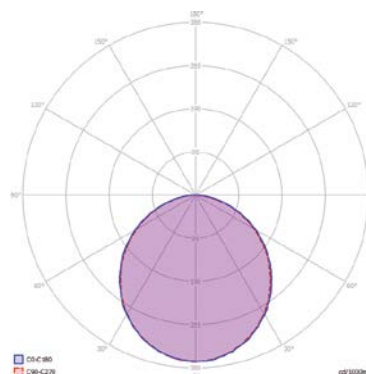
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	594,6 x 594,6 x 46,85 mm
Product Weight	2,15 kg
Mounting Options	Recessed

DIMENSIONS (mm)



LIGHT CURVE

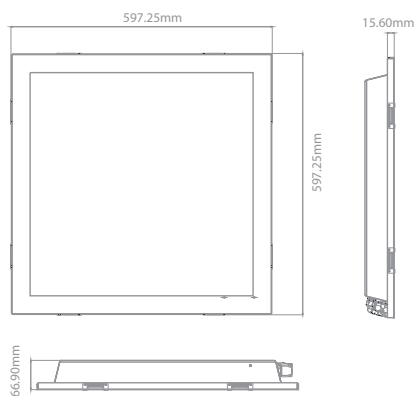


Panel Light

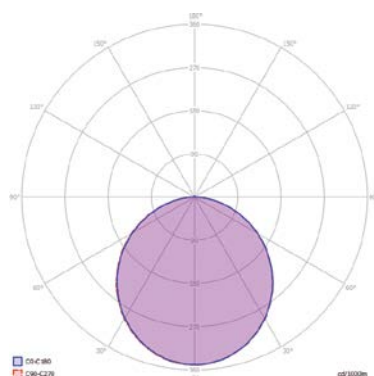
Back lit - 60x60



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

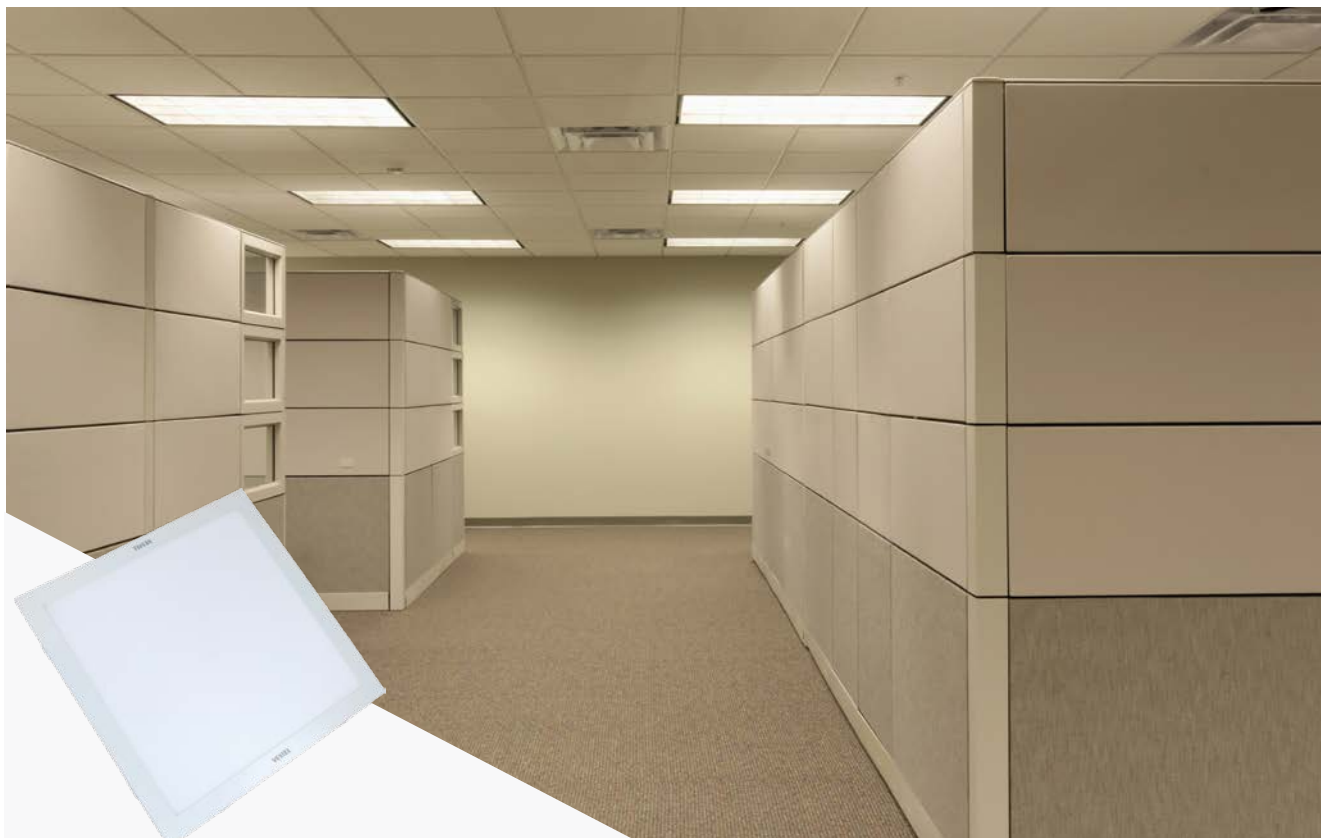
Power	23W		
Lumen output	3000 lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	130 lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	597,25 x 597,25 x 66,9 mm
Product Weight	5,1 kg
Mounting Options	Recessed, Surface Mounted

Panel Light

Back lit - 60x60



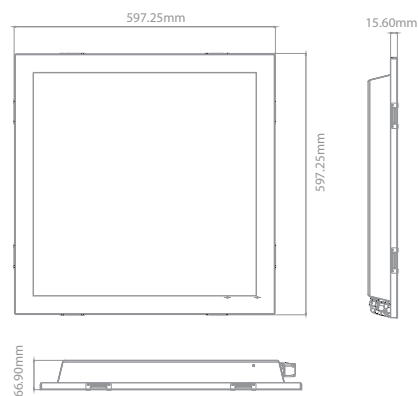
Optical and Electrical

Power	27W		
Lumen output	3400 lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	125lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

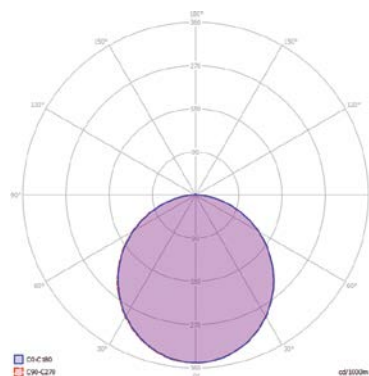
Mechanical

Operating Temperature	0°C /+40°C		
Dimensions	597,25 x 597,25 x 66,9 mm		
Product Weight	5,1 kg		
Mounting Options	Recessed, Surface Mounted		

DIMENSIONS (mm)



LIGHT CURVE

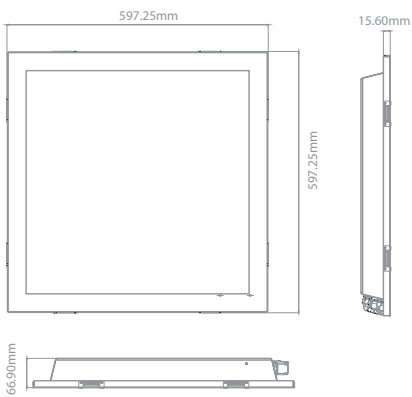


Panel Light

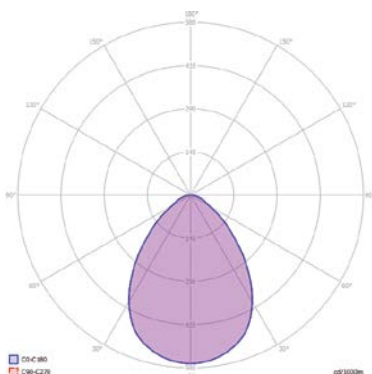
Back lit Prismatic - 60x60



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	27W		
Lumen output	3400 lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	125lm/W		
Beam Angle	85°		
UGR	19		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	597,25 x 597,25 x 66,9 mm
Product Weight	5,1 kg
Mounting Options	Recessed, Surface Mounted

Panel Light

Back lit - 30x120



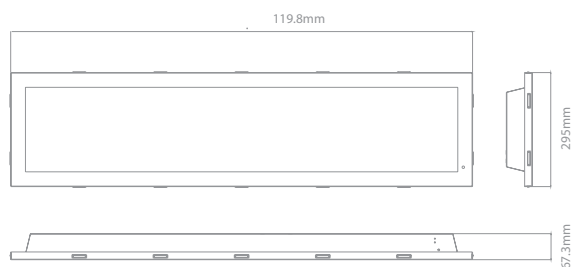
Optical and Electrical

Power	27W		
Lumen output	3200lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	118lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

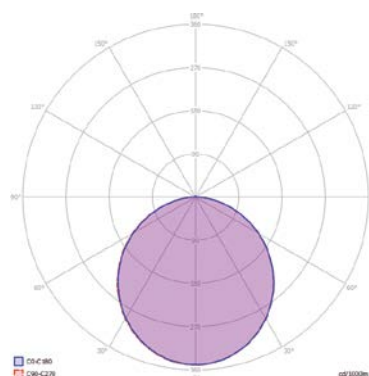
Mechanical

Operating Temperature	0°C / +40°C		
Dimensions	119,8 x 295 x 67,3 mm		
Product Weight	5,1 kg		
Mounting Options	Recessed		

DIMENSIONS (mm)



LIGHT CURVE

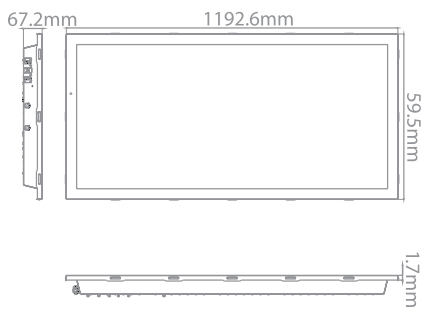


Panel Light

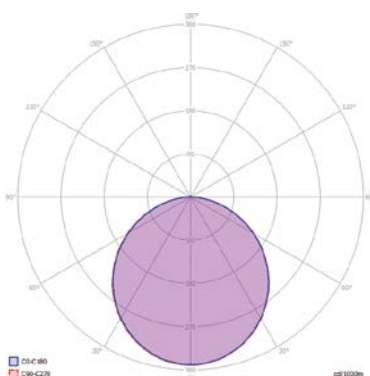
Back lit - 60x120



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	45W		
Lumen output	5400lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	120lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1192,6 x 59,5 x 67,2 mm
Product Weight	9,5 kg
Mounting Options	Recessed

Panel Light

Back lit - 30x30



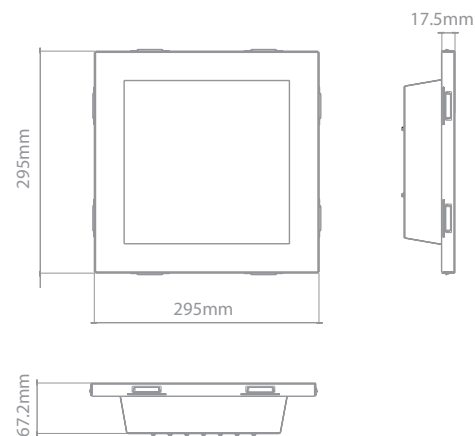
Optical and Electrical

Power	10W		
Lumen output	1000lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	100lm/W		
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

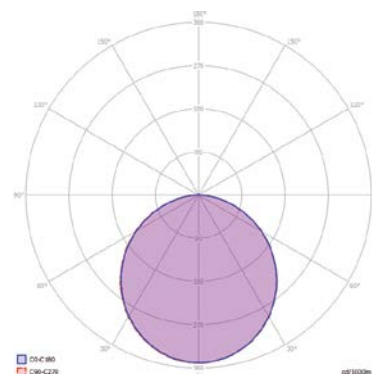
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	295 x 295 x 67,2 mm
Product Weight	1,5 kg
Mounting Options	Recessed

DIMENSIONS (mm)



LIGHT CURVE

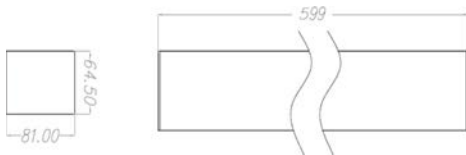


Linear Light

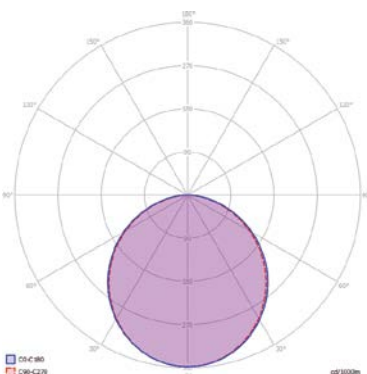
Diffused Linear Light - 60cm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	14W		
Lumen output	1200lm	1300lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	85lm/W	100lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	599 x 81 x 64,5 mm
Product Weight	1,8 kg
Mounting Options	Suspended, Recessed, Surface Mounted

Linear Light

Diffused Linear Light - 90cm



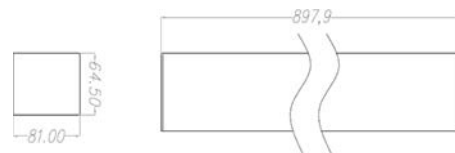
Optical and Electrical

Power	19W		
Lumen output	1650lm	1850lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	85lm/W	100lm/W	
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

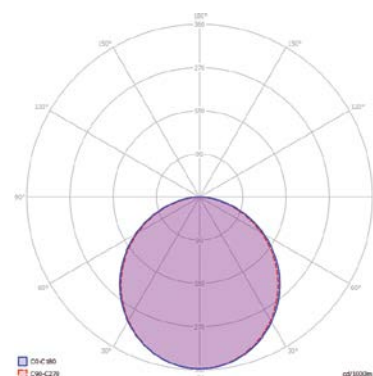
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	897,9 x 81 x 64,5 mm
Product Weight	2,4 kg
Mounting Options	Suspended, Recessed, Surface Mounted

DIMENSIONS (mm)



LIGHT CURVE

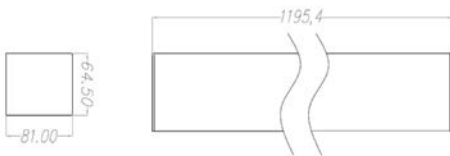


Linear Light

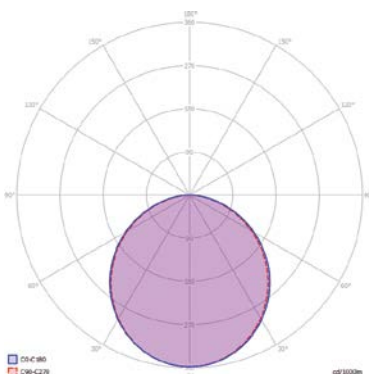
Diffused Linear Light - 120cm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	28W		
Lumen output	2500lm	2700lm	3100lm
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	90lm/W	100lm/W	110lm/W
Beam Angle	110°		
Dimming	Optional		
Life Time	50000 Hours		
IP Rating	IP20		
Emergency Kit	Optional		

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	1195,4 x 81 x 64,5 mm
Product Weight	3 kg
Mounting Options	Suspended, Recessed, Surface Mounted

Linear Light

Diffused Linear Light - 150cm



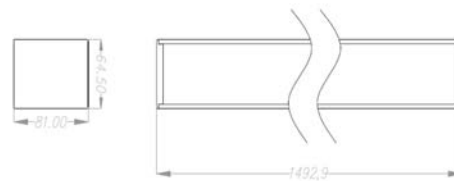
Optical and Electrical

Power	31W
Lumen output	3200lm
Colour temperature	3000K 4000K 6500K
CRI	≥80
Efficacy	103lm/W
Beam Angle	110°
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP20
Emergency Kit	Optional

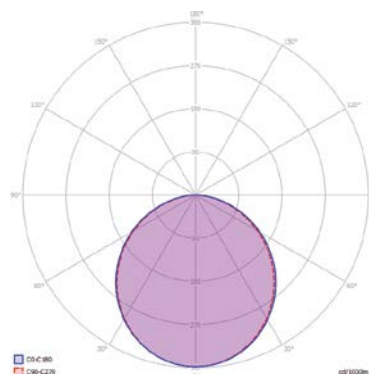
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	1492,9 x 81 x 64,5 mm
Product Weight	3,5 kg
Mounting Options	Suspended, Recessed, Surface Mounted

DIMENSIONS (mm)



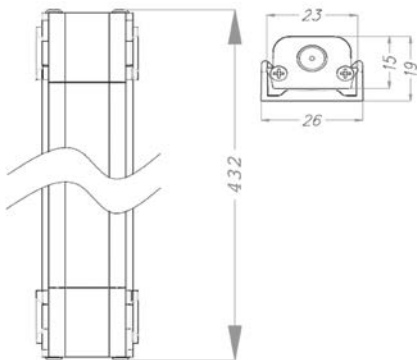
LIGHT CURVE



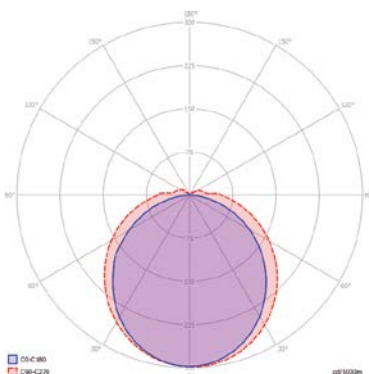
LED Bar 430 mm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

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

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	432 x 26 x 19 mm
Product Weight	0,13 kg
Mounting Options	-

LED Bar

595 mm



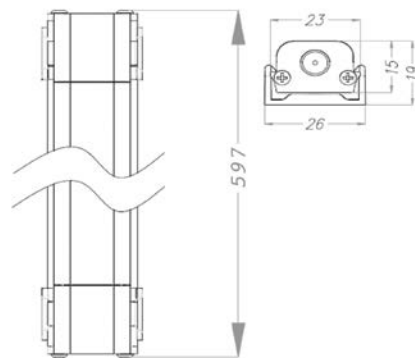
Optical and Electrical

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

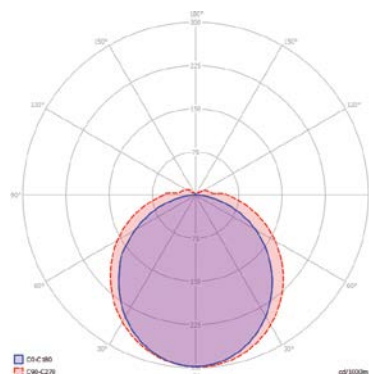
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	597 x 26 x 19 mm
Product Weight	0,17 kg
Mounting Options	-

DIMENSIONS (mm)



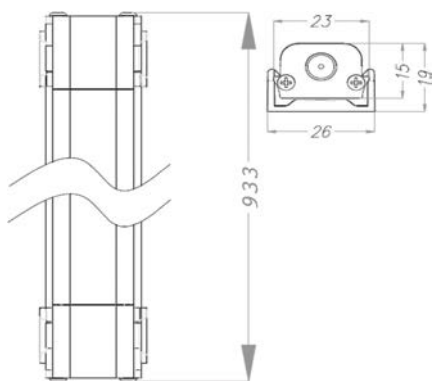
LIGHT CURVE



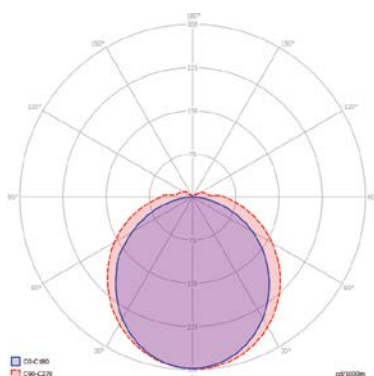
LED Bar 930 mm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

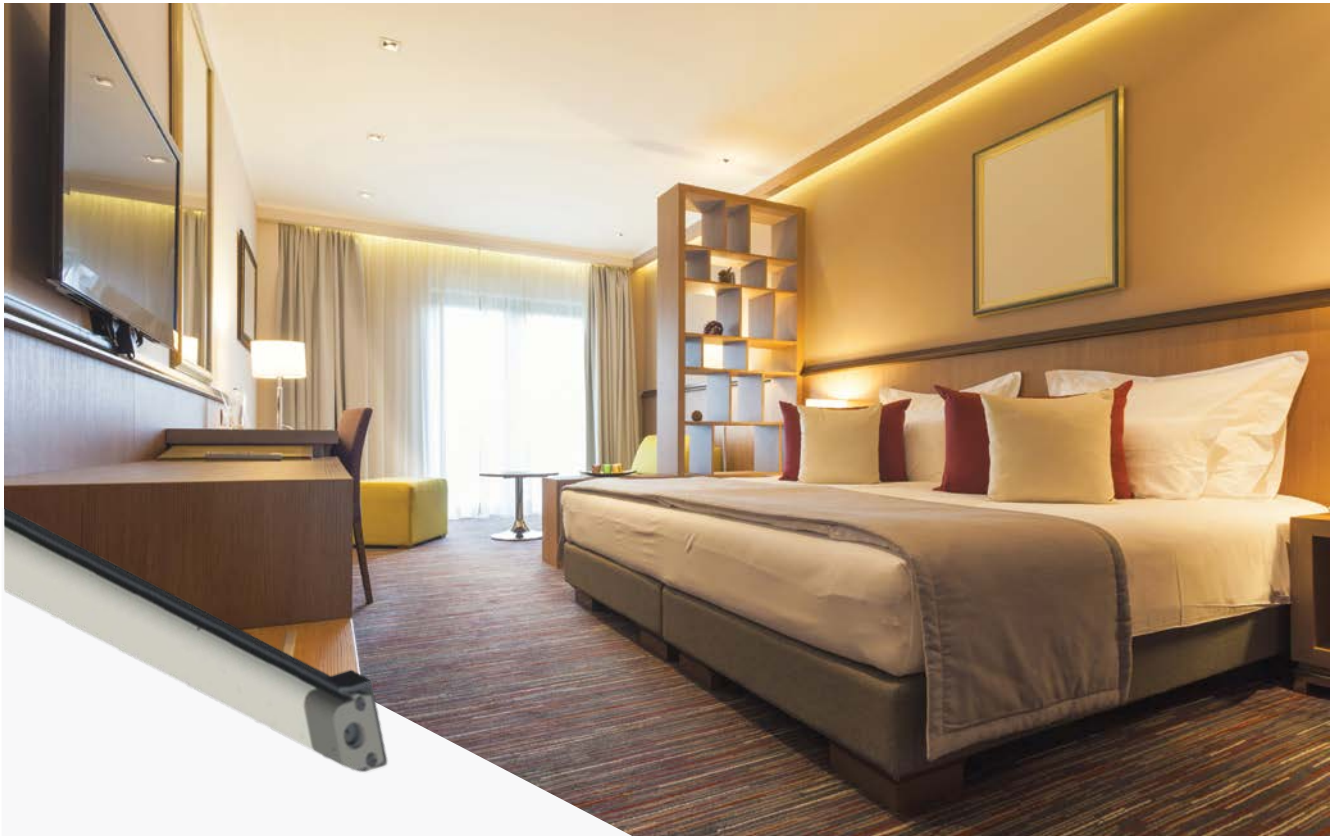
Power	12W
Lumen output	950lm
Colour temperature	4000 K
CRI	≥80
Efficacy	79lm/W
Beam Angle	120°
Dimming	-
Life Time	35000 Hours
IP Rating	IP20
Emergency Kit	-

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	933 x 26 x 19 mm
Product Weight	0,235 kg
Mounting Options	-

LED Bar

1260 mm



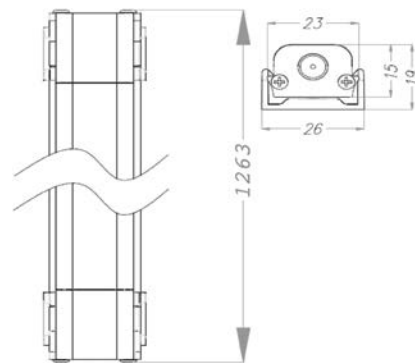
Optical and Electrical

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

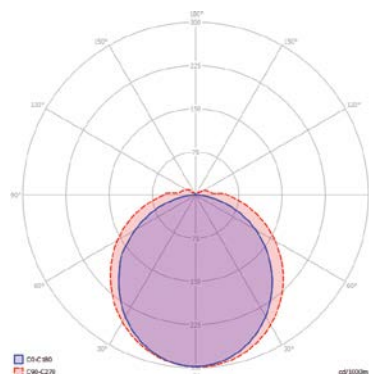
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1263 x 26 x 19 mm
Product Weight	0,31 kg
Mounting Options	-

DIMENSIONS (mm)



LIGHT CURVE

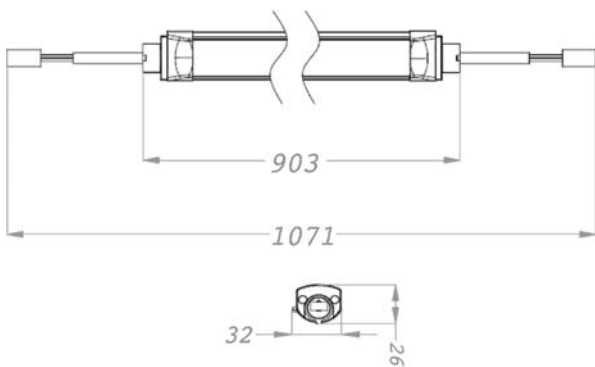


LED Bar V2

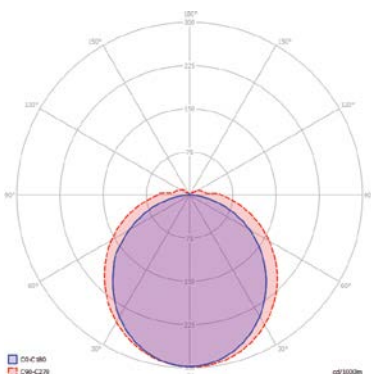
900 mm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

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

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	903 x 32 x 26 mm
Product Weight	0,6 kg
Mounting Options	-

LED Bar V2

1180 mm



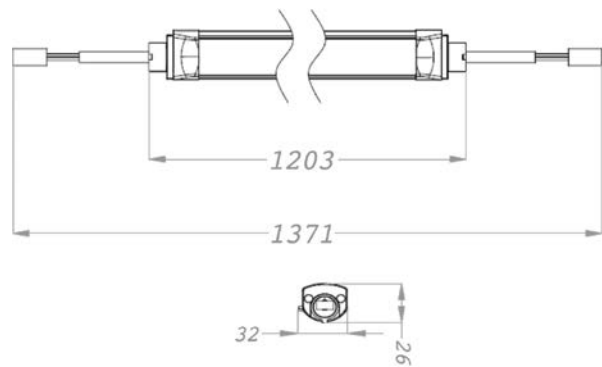
Optical and Electrical

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

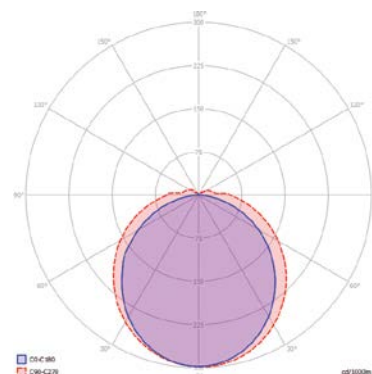
Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1203 x 32 x 26 mm
Product Weight	0,6 kg
Mounting Options	-

DIMENSIONS (mm)



LIGHT CURVE

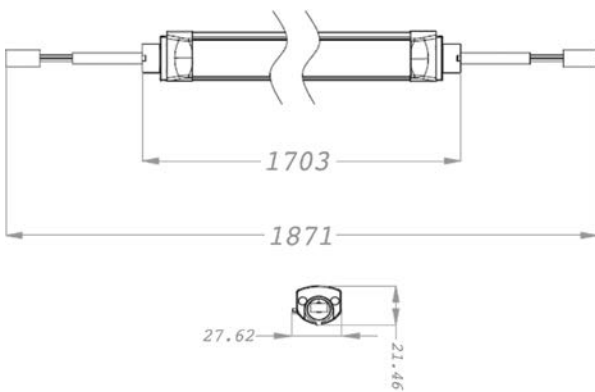


LED Bar V2

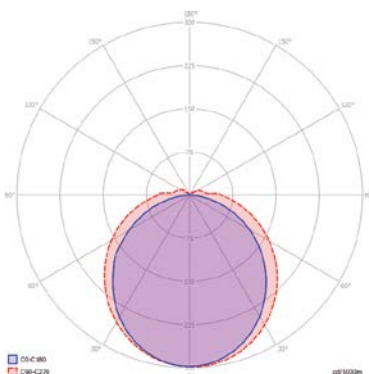
1700 mm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

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

Mechanical

Operating Temperature	0°C /+40°C
Dimensions	1703 x 27,62 x 21,46 mm
Product Weight	0,82 kg
Mounting Options	-

Tracklight V2



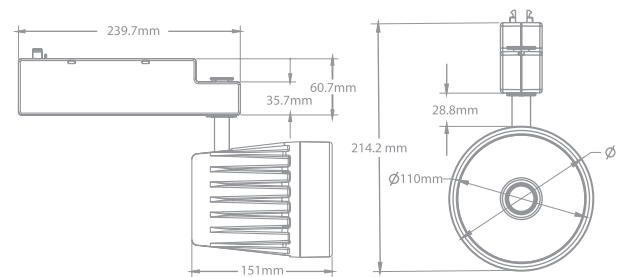
Optical and Electrical

Power	21W	
Lumen output	2000lm	
Colour temperature	3000K	4000K
CRI	≥80 (≥90 optional)	
Efficacy	95lm/W	
Beam Angle	20° / 36°	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP22	
Emergency Kit	-	

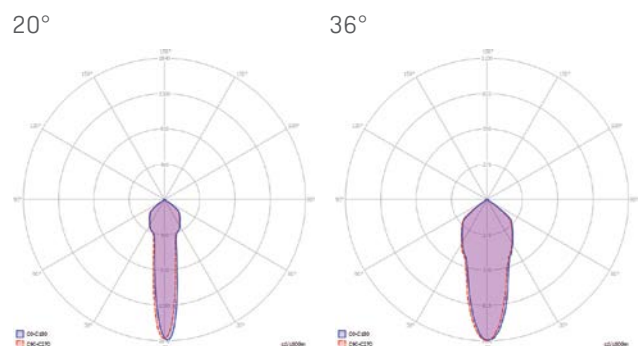
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	214,2 x 110 x 151 mm
Product Weight	1,5 kg
Mounting Options	-

DIMENSIONS (mm)



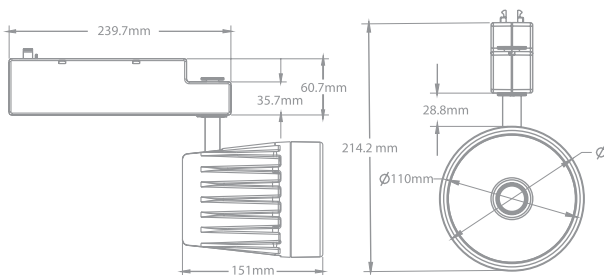
LIGHT CURVE



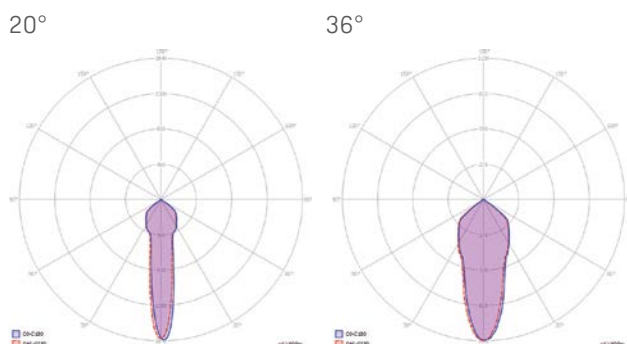
Tracklight V2



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	36 W	
Lumen output	3200lm	3400lm
Colour temperature	3000 K	4000 K
CRI	≥80 (≥90 optional)	
Efficacy	94lm/W	
Beam Angle	20° / 36°	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP22	
Emergency Kit	-	

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	214,2 x 110 x 151 mm
Product Weight	1,5 kg
Mounting Options	-

Tracklight V4



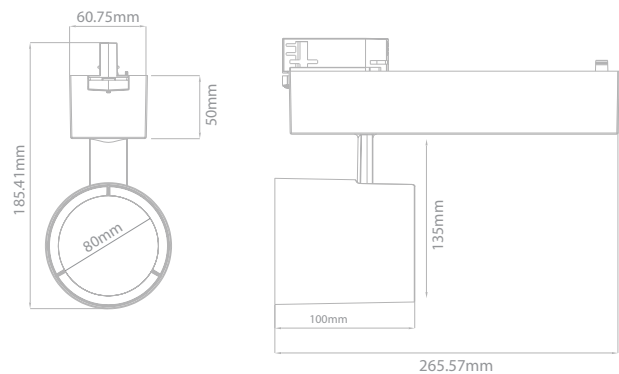
Optical and Electrical

Power	21W	
Lumen output	1800lm	1900lm
Colour temperature	3000K	4000K
CRI	≥80 (≥90 optional)	
Efficacy	85lm/W	90lm/W
Beam Angle	25° / 50°	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP22	
Emergency Kit	-	

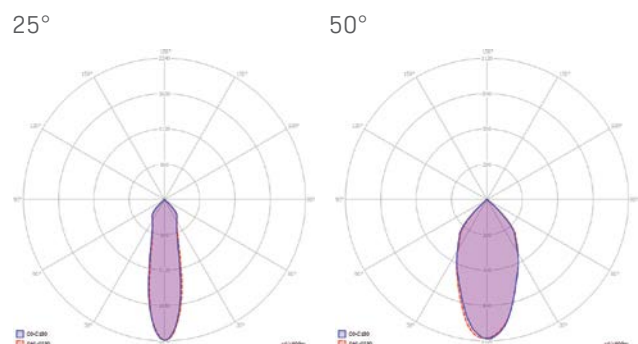
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	265,57 x 100 x 185,41 mm
Product Weight	1,07 kg
Mounting Options	-

DIMENSIONS (mm)



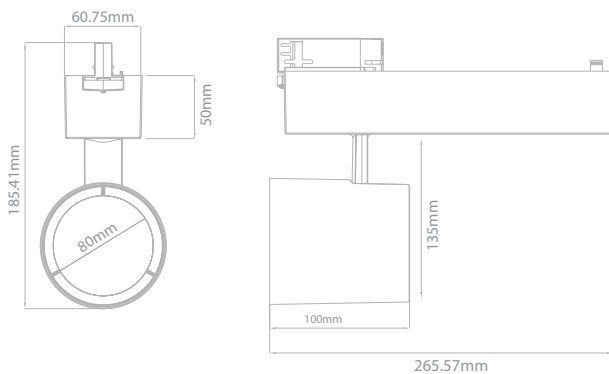
LIGHT CURVE



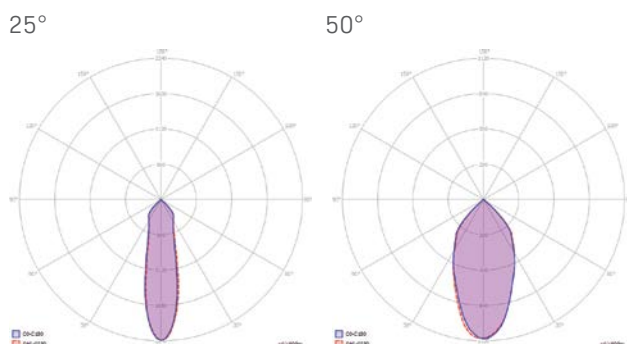
Tracklight V4



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	36W	
Lumen output	3100lm	3200lm
Colour temperature	3000K	4000K
CRI	≥80 (≥90 optional)	
Efficacy	86lm/W	88lm/W
Beam Angle	25° / 50°	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP22	
Emergency Kit	-	

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	265,57 x 100 x 185,41 mm
Product Weight	1,07 kg
Mounting Options	-

Grid Light

1M



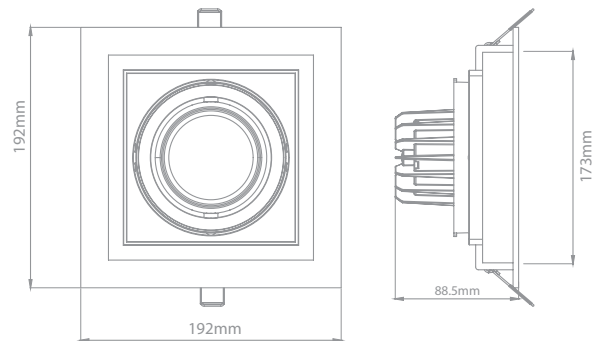
Optical and Electrical

Power	14W		
Lumen output	1400lm	1500lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	100lm/W	107lm/W	
Beam Angle	35°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

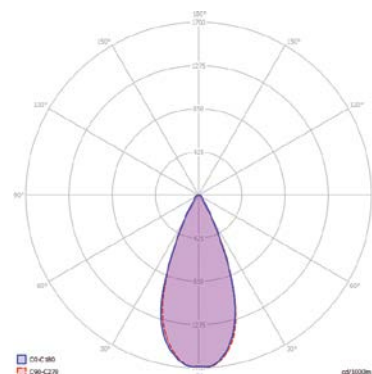
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	192 x 192 x 88,5 mm
Product Weight	1,20 kg
Mounting Options	Recessed

DIMENSIONS (mm)



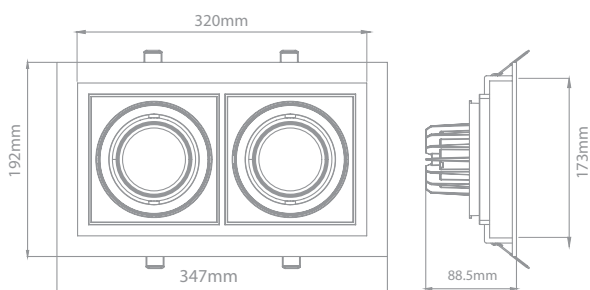
LIGHT CURVE



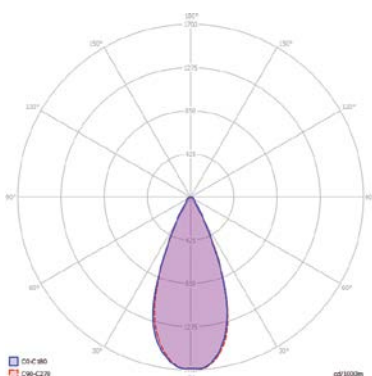
Grid Light 2M



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	28W		
Lumen output	2700lm	2800lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	96lm/W	100lm/W	
Beam Angle	35°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

Mechanical

Operating Temperature	0°C / +40°C
Dimensions	347 x 192 x 88,5 mm
Mounting Options	Recessed

Grid Light

3M



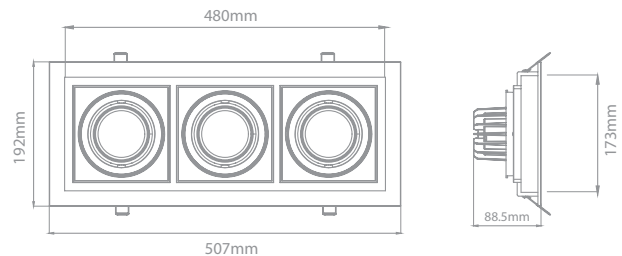
Optical and Electrical

Power	28W		
Lumen output	4000lm	4200lm	
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	95lm/W	100lm/W	
Beam Angle	35°		
Dimming	Optional		
Life Time	35000 Hours		
IP Rating	IP20		
Emergency Kit	-		

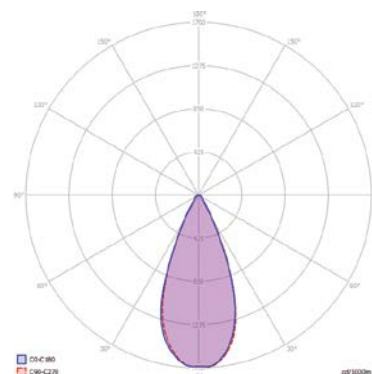
Mechanical

Operating Temperature	0°C / +40°C
Dimensions	507 x 192 x 88,5 mm
Product Weight	2,70 kg
Mounting Options	Recessed

DIMENSIONS (mm)



LIGHT CURVE

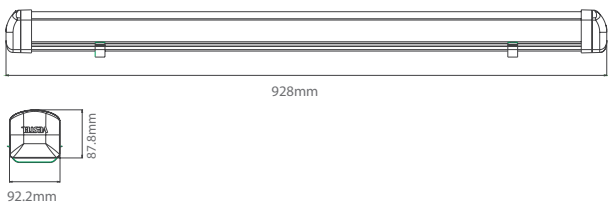


Weather-Proof Batten

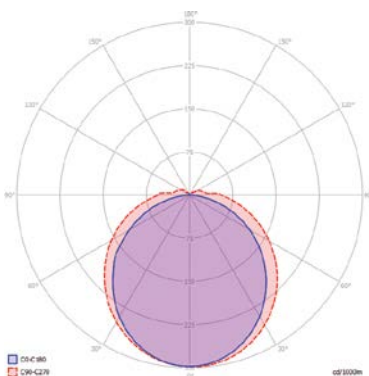
90 cm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

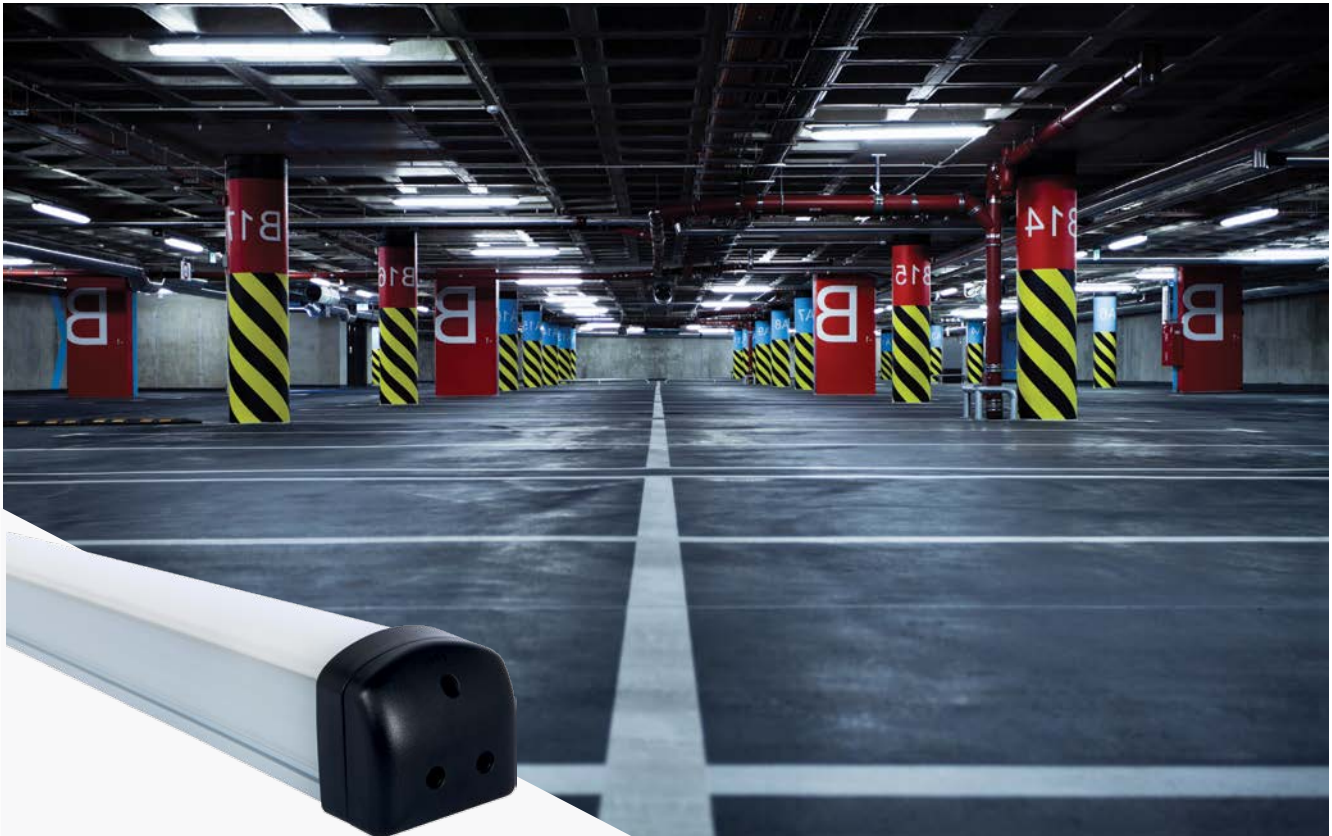
Power	23W
Lumen output	2500lm
Colour temperature	4000K
CRI	≥80
Efficacy	108lm/W
Beam Angle	100°
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

Mechanical

Operating Temperature	-40°C / +40°C
Dimensions	928 x 92,2 x 87,8 mm
Product Weight	3 kg
Mounting Options	-

Weather-Proof Batten

120 cm



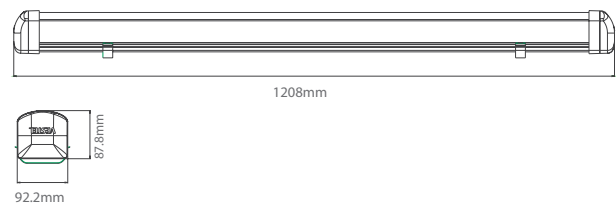
Optical and Electrical

Power	29W
Lumen output	3250lm
Colour temperature	4000K
CRI	≥80
Efficacy	112lm/W
Beam Angle	100°
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

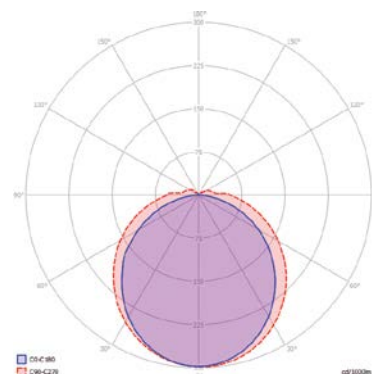
Mechanical

Operating Temperature	-40°C / +40°C
Dimensions	1208 x 92,2 x 87,8 mm
Product Weight	3,8 kg
Mounting Options	-

DIMENSIONS (mm)



LIGHT CURVE

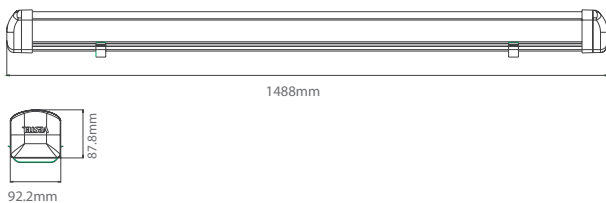


Weather-Proof Batten

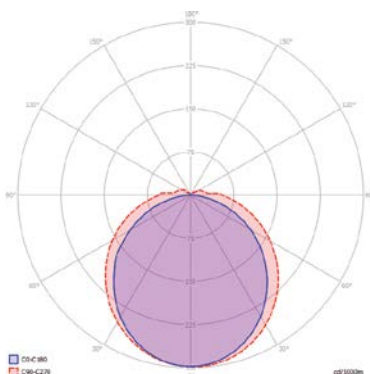
150 cm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	32W
Lumen output	3850lm
Colour temperature	4000K
CRI	≥80
Efficacy	120lm/W
Beam Angle	100°
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

Mechanical

Operating Temperature	-40°C / +40°C
Dimensions	1488 x 92,2 x 87,8 mm
Product Weight	4,5 kg
Mounting Options	-

Weather-Proof Batten

150 cm



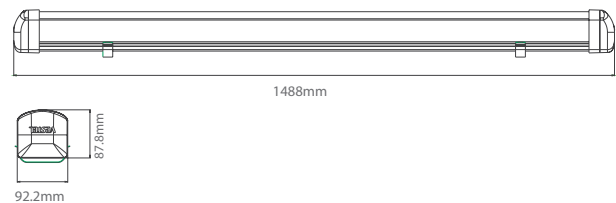
Optical and Electrical

Power	40W
Lumen output	4750lm
Colour temperature	4000K
CRI	≥80
Efficacy	118lm/W
Beam Angle	100°
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

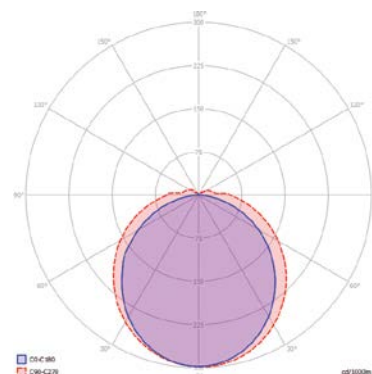
Mechanical

Operating Temperature	-40°C / +40°C
Dimensions	1488 x 92,2 x 87,8
Product Weight	4,5 kg
Mounting Options	-

DIMENSIONS (mm)



LIGHT CURVE

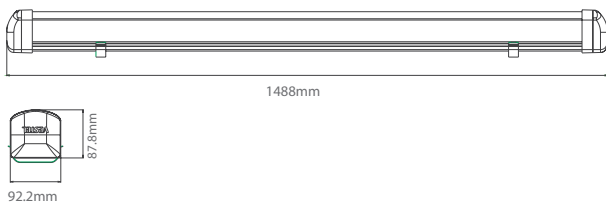


Weather-Proof Batten

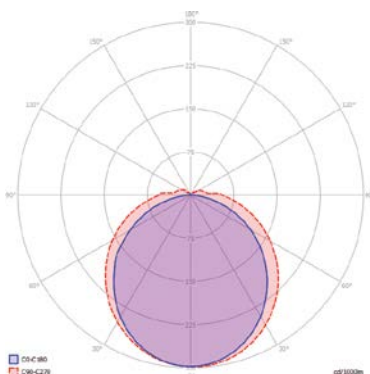
150 cm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	47W
Lumen output	6300lm
Colour temperature	4000K
CRI	≥80
Efficacy	134lm/W
Beam Angle	100°
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	Optional

Mechanical

Operating Temperature	-40°C / +40°C
Dimensions	1488 x 92,2 x 87,8 mm
Product Weight	4,5 kg
Mounting Options	-

Mid Bay



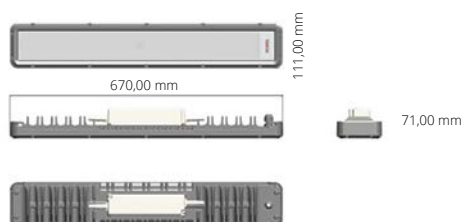
Optical and Electrical

Power	65W	
Lumen output	8000lm	7400lm
Colour temperature	4000K	
CRI	≥70	≥80
Efficacy	123lm/W	115lm/W
Beam Angle	65° / 78° / 95° / 110° / asym	
Dimming	Optional	
Life Time	60000 Hours	
IP Rating	IP65	
Emergency Kit	-	

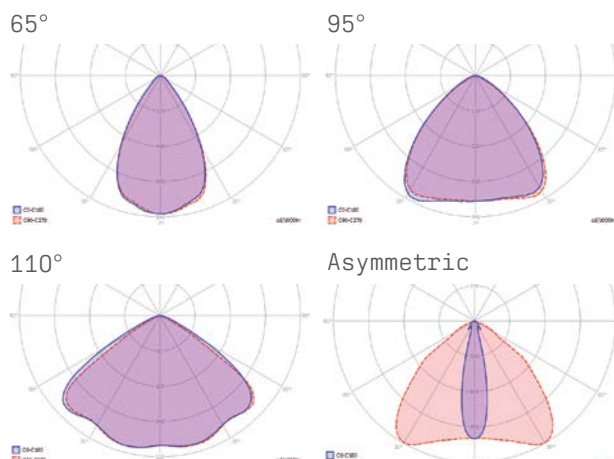
Mechanical

Operating Temperature	-40°C – +40°C
Dimensions	670x111x71 mm
Product Weight	4,25 kg
Mounting Options	-

DIMENSIONS (mm)



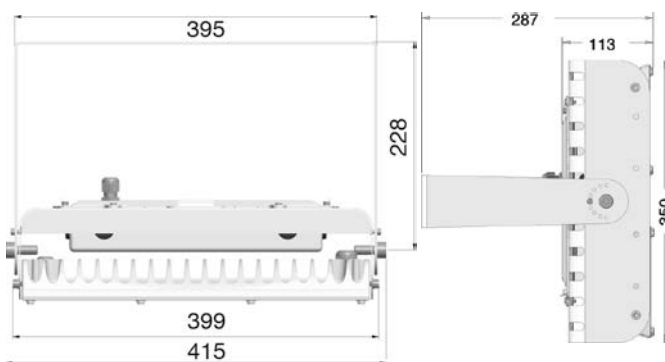
LIGHT CURVE



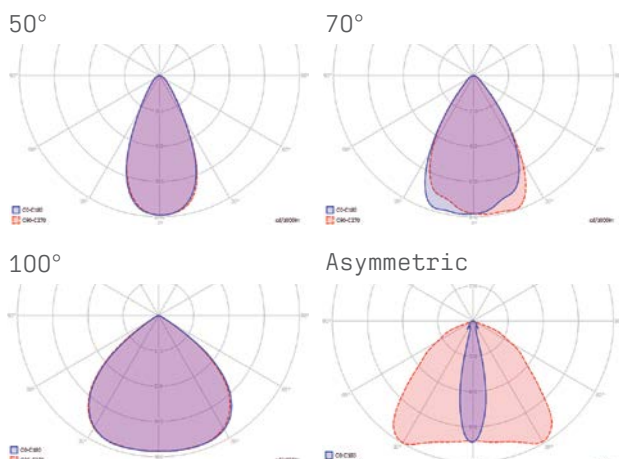
High Bay V2



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	80W
Lumen output	9600lm
Colour temperature	4000K 6500K
CRI	≥70
Efficacy	120lm/W
Beam Angle	50° / 70° / 100° / asym
Dimming	Optional
Life Time	60000 Hours
IP Rating	IP65
Emergency Kit	-

Mechanical

Operating Temperature	-40°C – +40°C
Dimensions	415 x 350 x 287 mm
Product Weight	12 kg
Mounting Options	Suspended, U bracket

High Bay V2



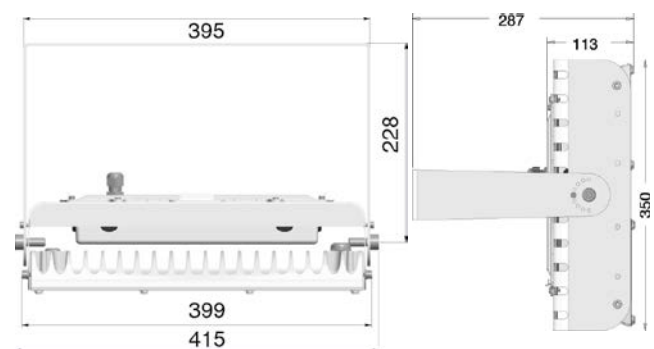
Optical and Electrical

Power	115W	
Lumen output	13000lm	
Colour temperature	4000K	6500K
CRI	≥70	
Efficacy	113lm/W	
Beam Angle	50° / 70° / 100° / asym	
Dimming	Optional	
Life Time	60000 Hours	
IP Rating	IP65	
Emergency Kit	-	

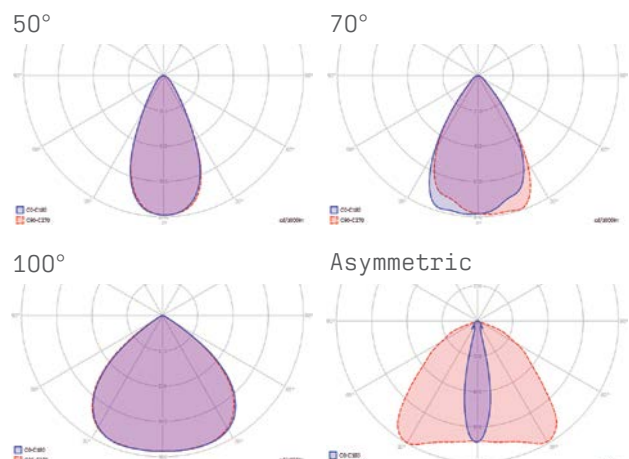
Mechanical

Operating Temperature	-40°C – +40°C	
Dimensions	415 x 350 x 287 mm	
Product Weight	12 kg	
Mounting Options	Suspended, U bracket	

DIMENSIONS (mm)



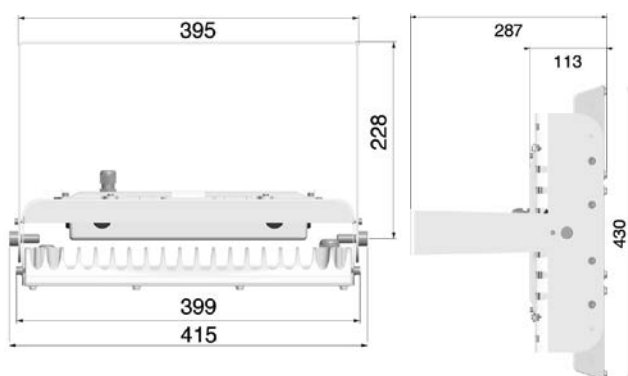
LIGHT CURVE



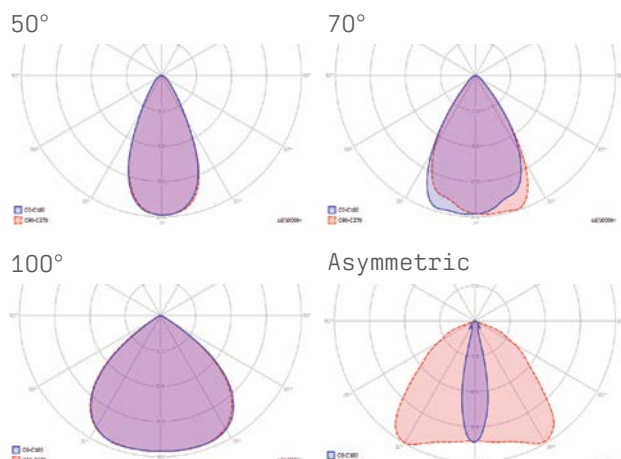
High Bay V2



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	150W
Lumen output	18400lm
Colour temperature	4000K 6500K
CRI	≥70
Efficacy	115lm/W
Beam Angle	50° / 70° / 100° / asym
Dimming	Optional
Life Time	60000 Hours
IP Rating	IP65
Emergency Kit	-

Mechanical

Operating Temperature	-40°C – +40°C
Dimensions	415 x 430 x 287 mm
Product Weight	12 kg
Mounting Options	Suspended, U bracket

High Bay Round



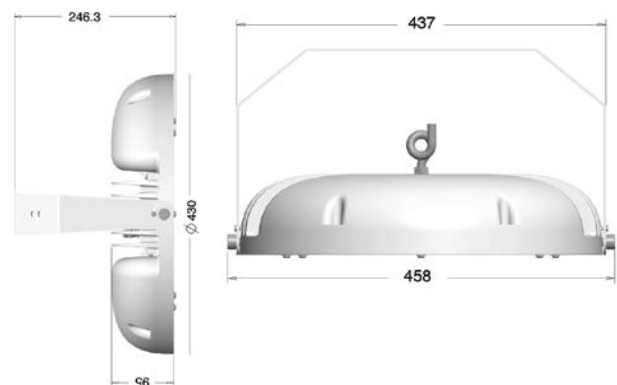
Optical and Electrical

Power	135W
Lumen output	15500lm
Colour temperature	4000K
CRI	≥80
Efficacy	115lm/W
Beam Angle	55° / 84° / 104°
Dimming	Optional
Life Time	60000 Hours
IP Rating	IP65
Emergency Kit	-

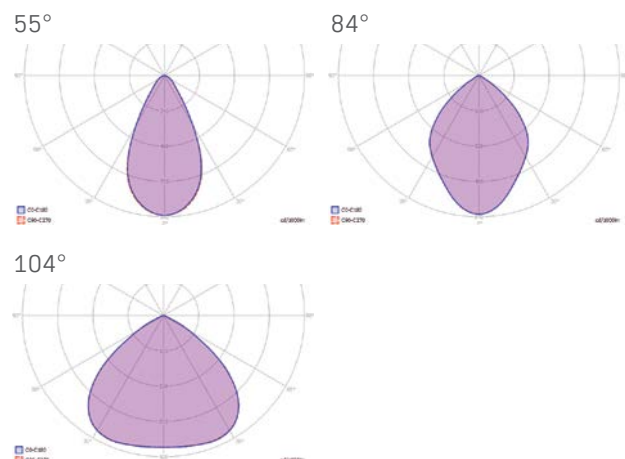
Mechanical

Operating Temperature	-40°C – +40°C
Dimensions	437 x 437 x 246,3 mm
Mounting Options	Suspended, U bracket

DIMENSIONS (mm)



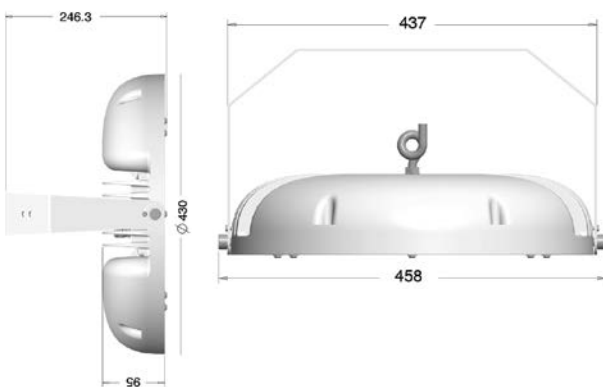
LIGHT CURVE



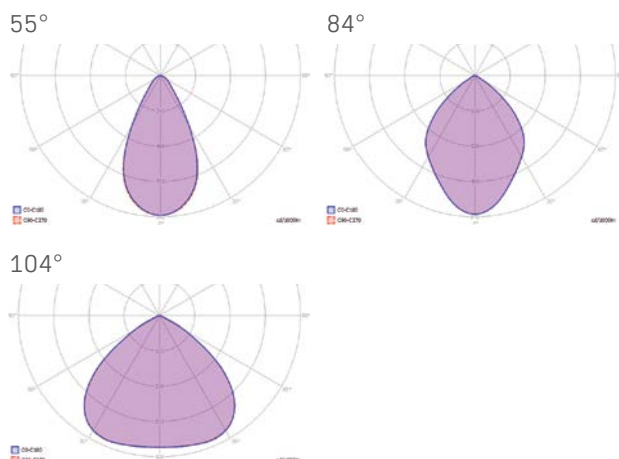
High Bay Round



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	182W
Lumen output	21000lm
Colour temperature	4000K
CRI	≥80
Efficacy	115lm/W
Beam Angle	60° / 90° / 110°
Dimming	Optional
Life Time	60000 Hours
IP Rating	IP65
Emergency Kit	-

Mechanical

Operating Temperature	-40°C – +40°C
Dimensions	437 x 437 x 246,3 mm
Mounting Options	Suspended, U bracket

High Bay Round



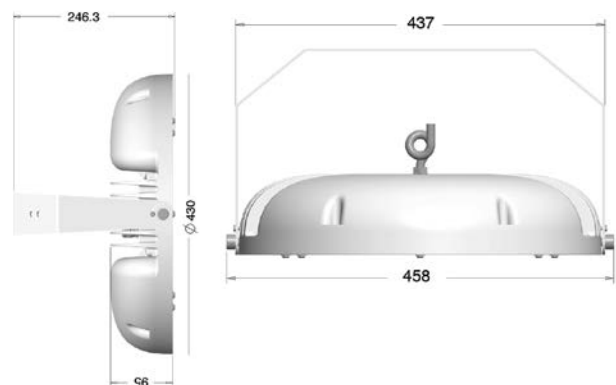
Optical and Electrical

Power	225W
Lumen output	26000lm
Colour temperature	4000K
CRI	≥80
Efficacy	115lm/W
Beam Angle	55° / 84° / 104°
Dimming	Optional
Life Time	60000 Hours
IP Rating	IP65
Emergency Kit	-

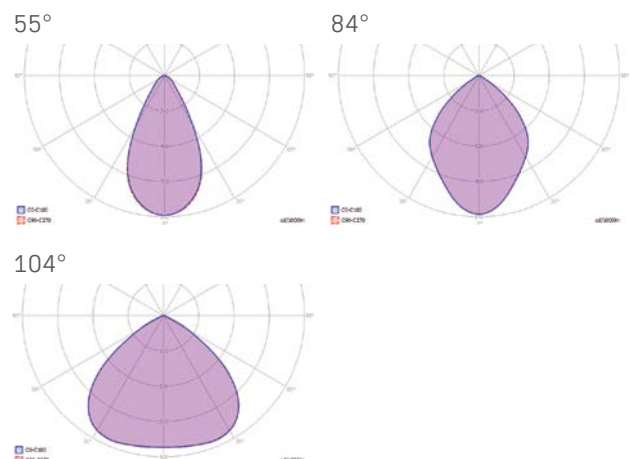
Mechanical

Operating Temperature	-40°C – +40°C
Dimensions	437 x 437 x 246,3 mm
Mounting Options	Suspended, U bracket

DIMENSIONS (mm)

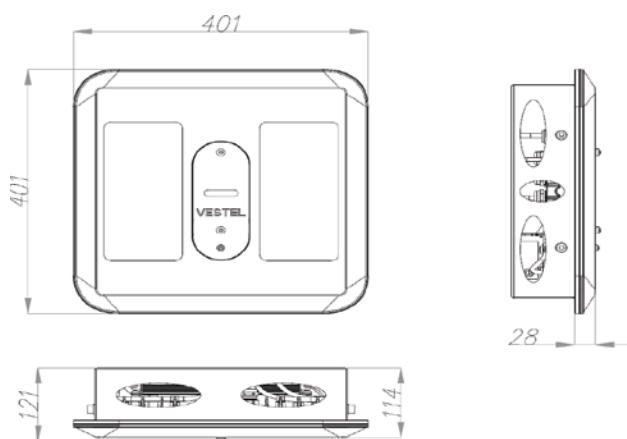


LIGHT CURVE

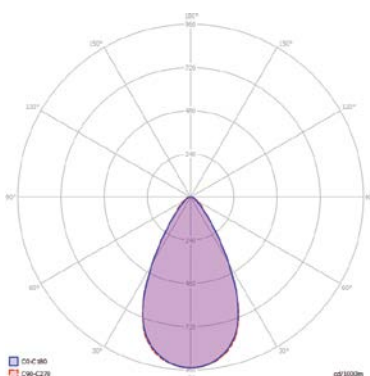




DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	108W	
Lumen output	13500lm	
Colour temperature	4000K	5700K
CRI	≥70	
Efficacy	125lm/W	
Beam Angle	30° / 50° / 65° / 100° / asym	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	-	

Mechanical

Operating Temperature	-20°C – +40°C
Dimensions	401x401x121 mm
Product Weight	13 kg
Mounting Options	Recessed, Surface Mounted

Canopy



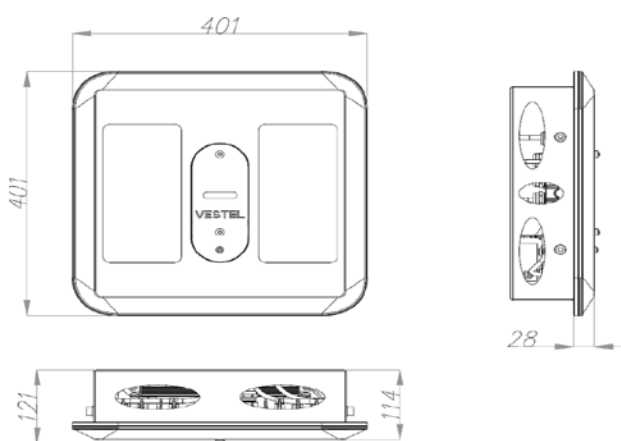
Optical and Electrical

Power	68W	
Lumen output	8000lm	
Colour temperature	4000K	5700K
CRI	≥70	
Efficacy	117lm/W	
Beam Angle	30° / 50° / 65° / 100° / asym	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	-	

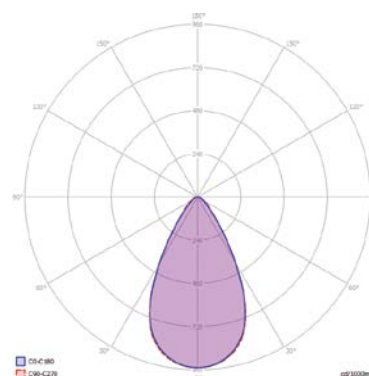
Mechanical

Operating Temperature	-20°C – +40°C
Dimensions	401x401x121 mm
Product Weight	13 kg
Mounting Options	Recessed, Surface Mounted

DIMENSIONS (mm)

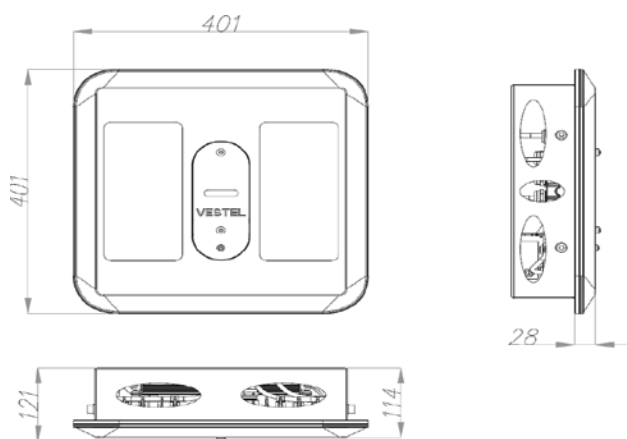


LIGHT CURVE

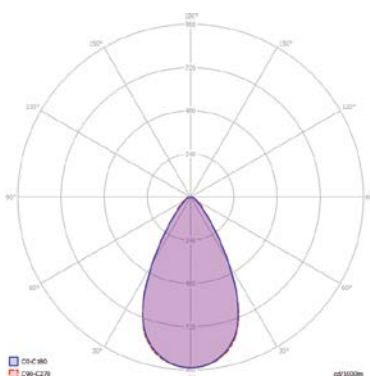




DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	35W	
Lumen output	4000lm	
Colour temperature	4000K	5700K
CRI	≥70	
Efficacy	114lm/W	
Beam Angle	30° / 50° / 65° / 100° / asym	
Dimming	Optional	
Life Time	50000 Hours	
IP Rating	IP65	
Emergency Kit	-	

Mechanical

Operating Temperature	-20°C – +40°C	
Dimensions	401x401x121 mm	
Product Weight	13 kg	
Mounting Options	Recessed, Surface Mounted	

Wall-washer

RGB - 30 cm



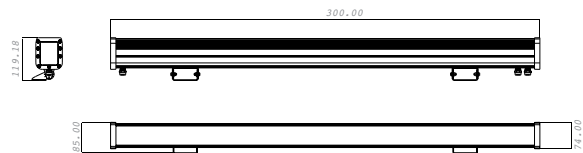
Optical and Electrical

Power	19W
Lumen output	900lm
Colour temperature	RGB
CRI	-
Efficacy	47lm/W
Beam Angle	20° / 40°
Dimming	DMX
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

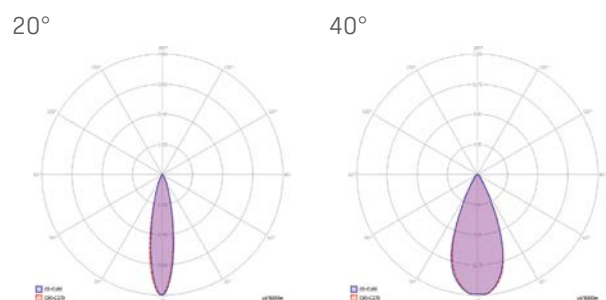
Mechanical

Operating Temperature	-30°C – +40°C
Dimensions	300 x 74 x 85 mm
Product Weight	1,960 kg
Mounting Options	-

DIMENSIONS (mm)



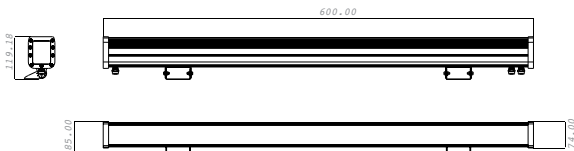
LIGHT CURVE



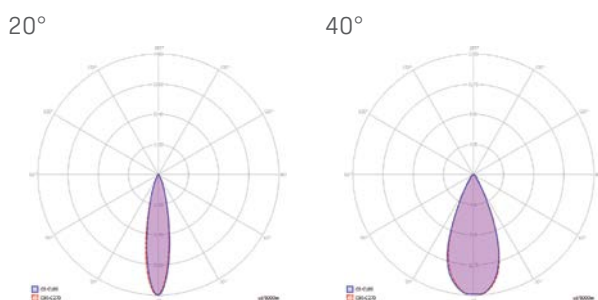
Wall-washer RGB - 60 cm



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	32W
Lumen output	1800lm
Colour temperature	RGB
CRI	-
Efficacy	56lm/W
Beam Angle	20° / 40°
Dimming	DMX
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-30°C – +40°C
Dimensions	120,6 x 85,4 x 599 mm
Product Weight	3 kg
Mounting Options	-

Wall-washer

RGB - 90 cm



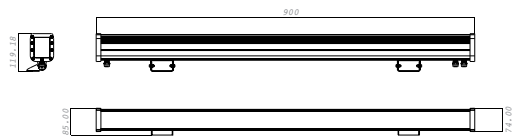
Optical and Electrical

Power	47W
Lumen output	2750lm
Colour temperature	RGB
CRI	-
Efficacy	58lm/W
Beam Angle	20° / 40°
Dimming	DMX
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

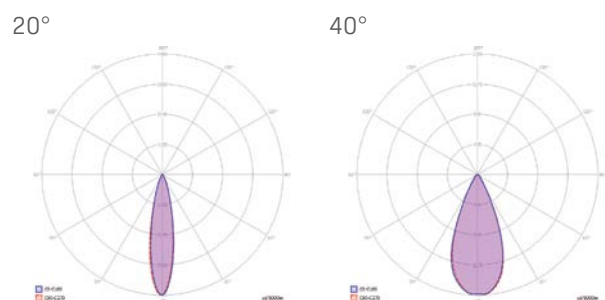
Mechanical

Operating Temperature	-30°C – +40°C
Dimensions	120,6x85,4x899 mm
Product Weight	3,95 kg
Mounting Options	-

DIMENSIONS (mm)



LIGHT CURVE

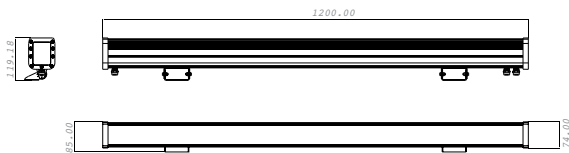


Wall-washer

RGB - 120 cm

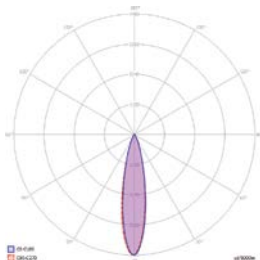


DIMENSIONS (mm)

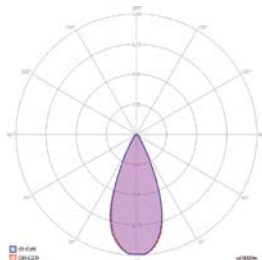


LIGHT CURVE

20°



40°



Optical and Electrical

Power	65W
Lumen output	3700lm
Colour temperature	RGB
CRI	-
Efficacy	62lm/W
Beam Angle	20° / 40°
Dimming	DMX
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-30°C – +40°C
Dimensions	120,6x85,4x1199 mm
Product Weight	6,32 kg
Mounting Options	-

Projector



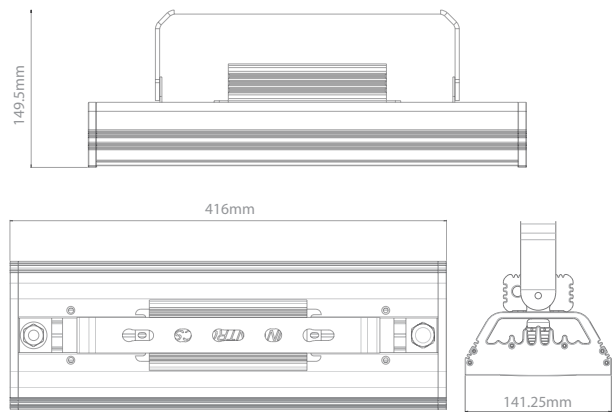
Optical and Electrical

Power	78W
Lumen output	7300lm
Colour temperature	4000K (RGB optional)
CRI	≥70
Efficacy	94lm/W
Beam Angle	20° / 45°
Dimming	DMX (RGB optional)
Life Time	50000 Hours
IP Rating	IP65
Emergency Kit	-

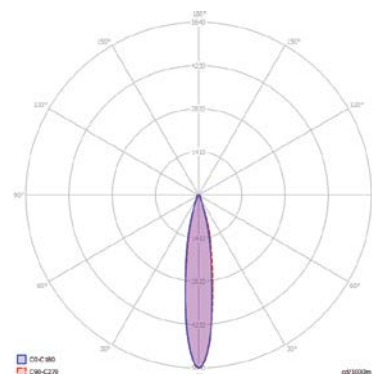
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	416 x 141,25 x 149,5 mm
Product Weight	3 kg
Mounting Options	-

DIMENSIONS (mm)



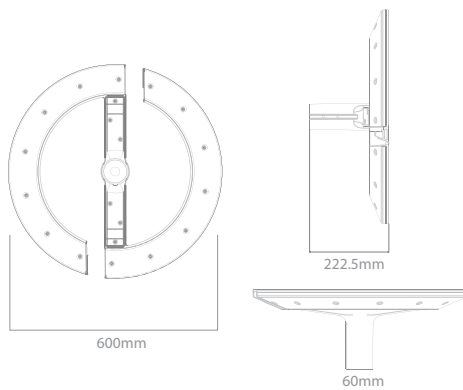
LIGHT CURVE



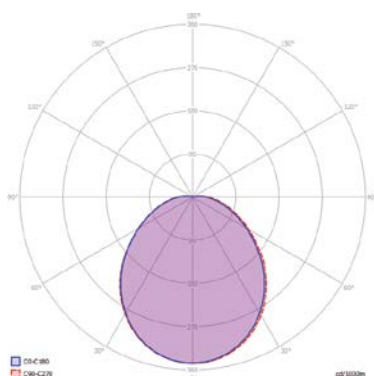
Garden Pole Light



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	17W		
Lumen output	1600 lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	94lm/W		
Beam Angle	100°		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	600 x 600 x 222,5 mm
Product Weight	8,2 kg
Mounting Options	Pole

Garden Pole Light



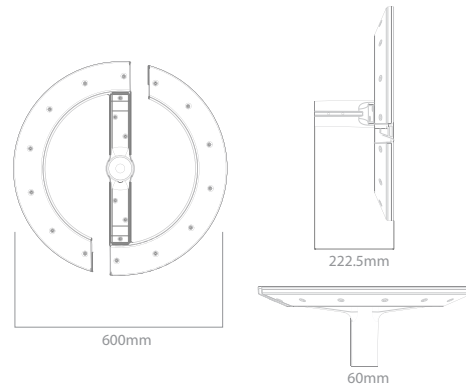
Optical and Electrical

Power	29W		
Lumen output	2600 lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	90lm/W		
Beam Angle	100°		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

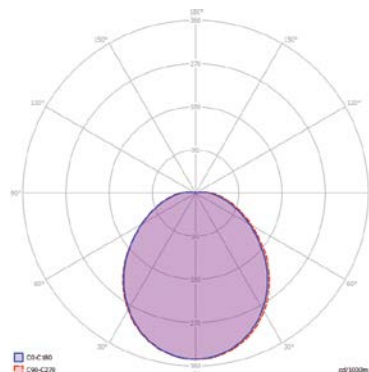
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	600 x 600 x 222,5 mm
Product Weight	8,2 kg
Mounting Options	Pole

DIMENSIONS (mm)



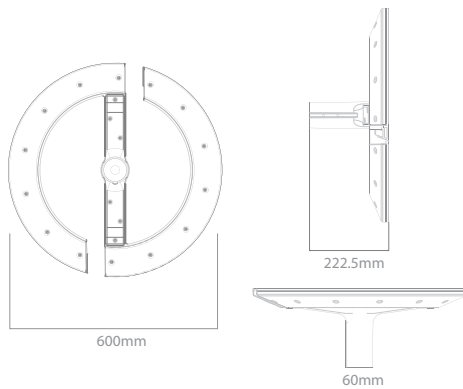
LIGHT CURVE



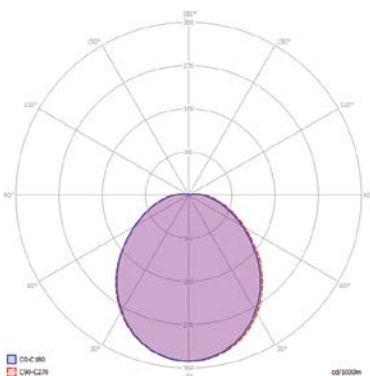
Garden Pole Light



DIMENSIONS (mm)



LIGHT CURVE



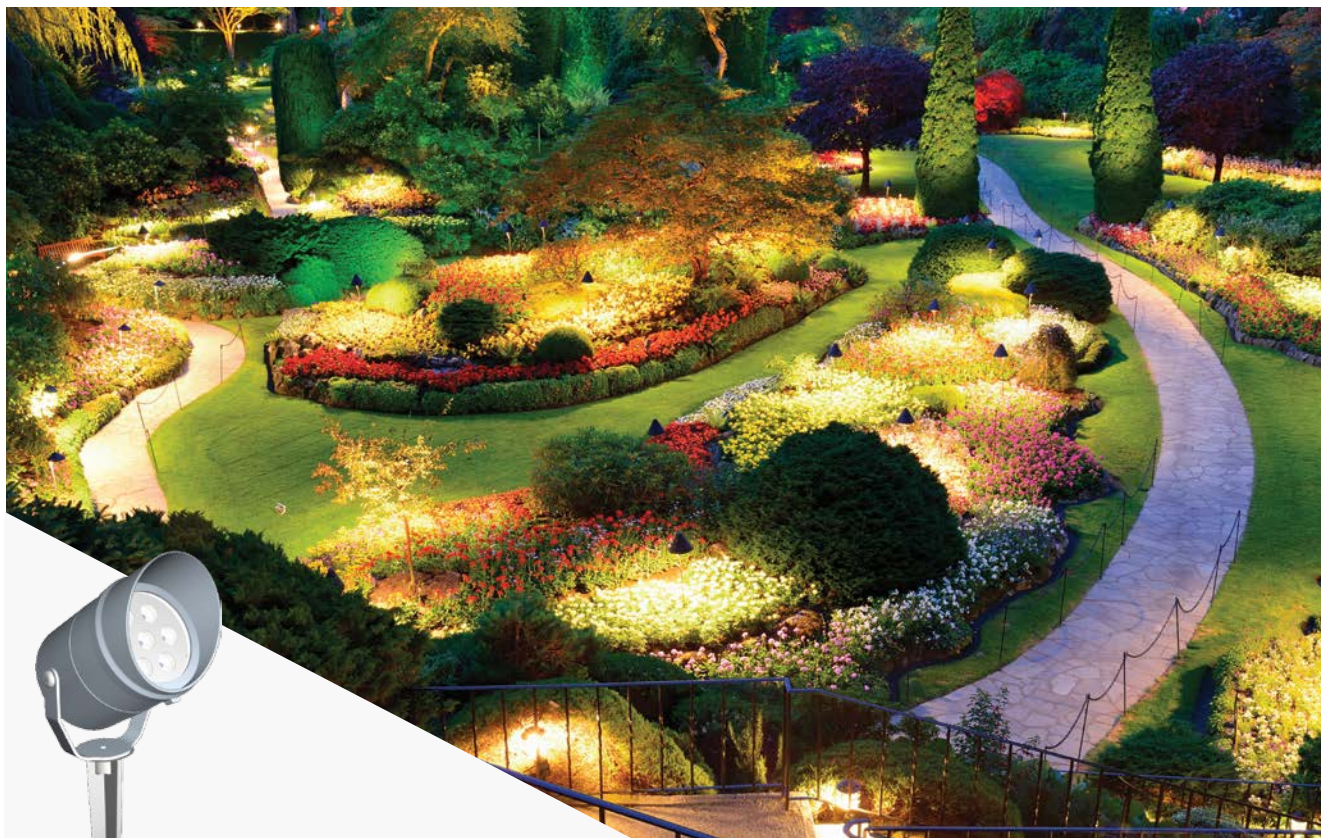
Optical and Electrical

Power	41W		
Lumen output	3600 lm		
Colour temperature	3000K	4000K	6500K
CRI	≥80		
Efficacy	88lm/W		
Beam Angle	100°		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	600 x 600 x 222,5 mm
Product Weight	8,2 kg
Mounting Options	Pole

Garden Spot



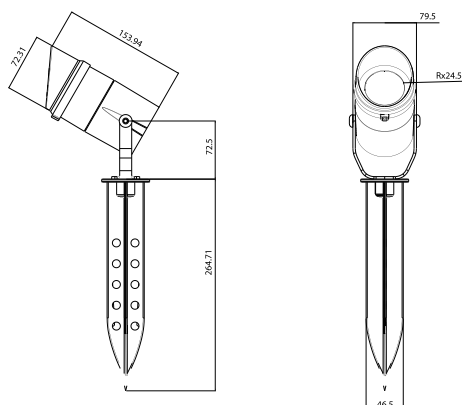
Optical and Electrical

Power	2,5W		
Lumen output	250lm		
Colour temperature	3000K	4000K	6500K
CRI	≥70		
Efficacy	80lm/W		
Beam Angle	10° / 25° / 40°		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

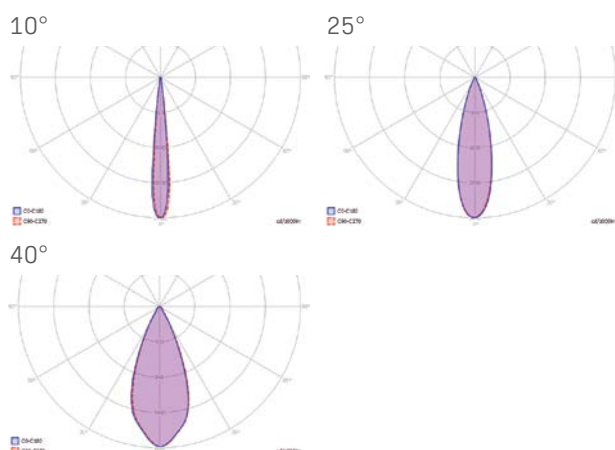
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	81 x 85,3 x 180 mm
Product Weight	0,9 kg
Mounting Options	-

DIMENSIONS (mm)



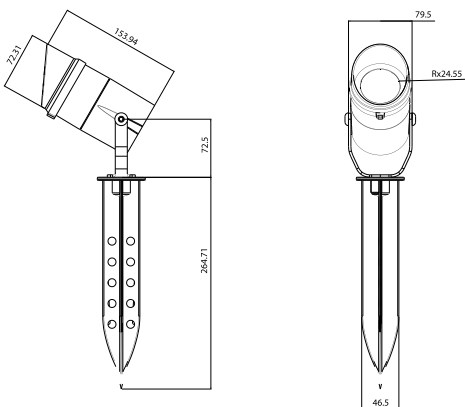
LIGHT CURVE



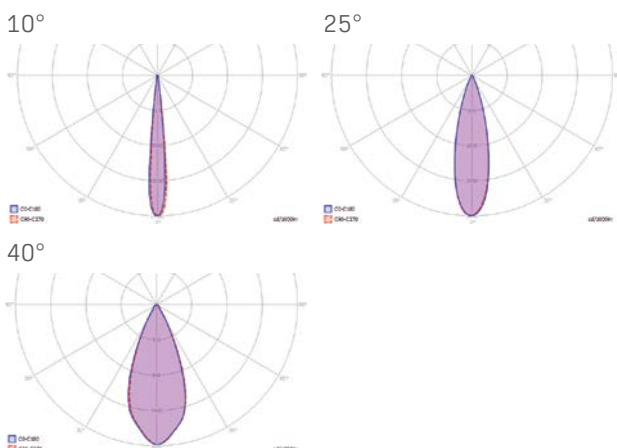
Garden Spot



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	5W		
Lumen output	400lm		
Colour temperature	3000K	4000K	6500K
CRI	≥70		
Efficacy	80lm/W		
Beam Angle	10° / 25° / 40°		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	81 x 85,3 x 180 mm
Product Weight	0,9 kg
Mounting Options	-

Garden Spot



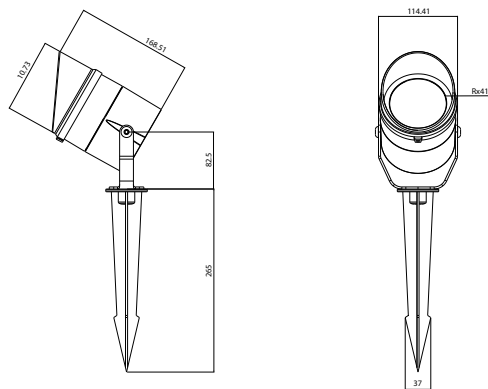
Optical and Electrical

Power	15W		
Lumen output	1300lm		
Colour temperature	3000K	4000K	6500K
CRI	≥70		
Efficacy	85lm/W		
Beam Angle	10° / 25° / 40°		
Dimming	-		
Life Time	50000 Hours		
IP Rating	IP66		
Emergency Kit	-		

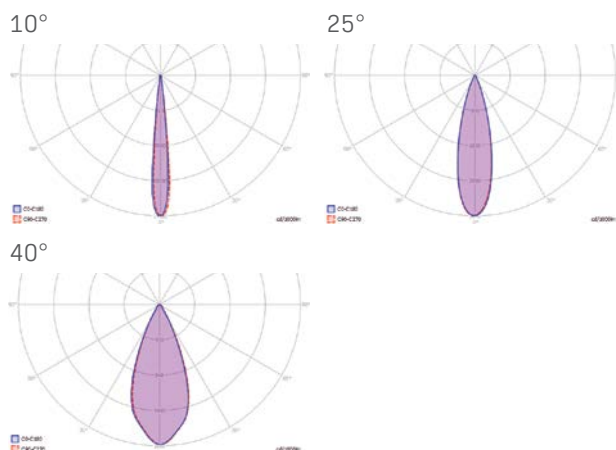
Mechanical

Operating Temperature	-20°C / +40°C
Dimensions	116.1x123.3x426 mm
Product Weight	1,46 kg
Mounting Options	-

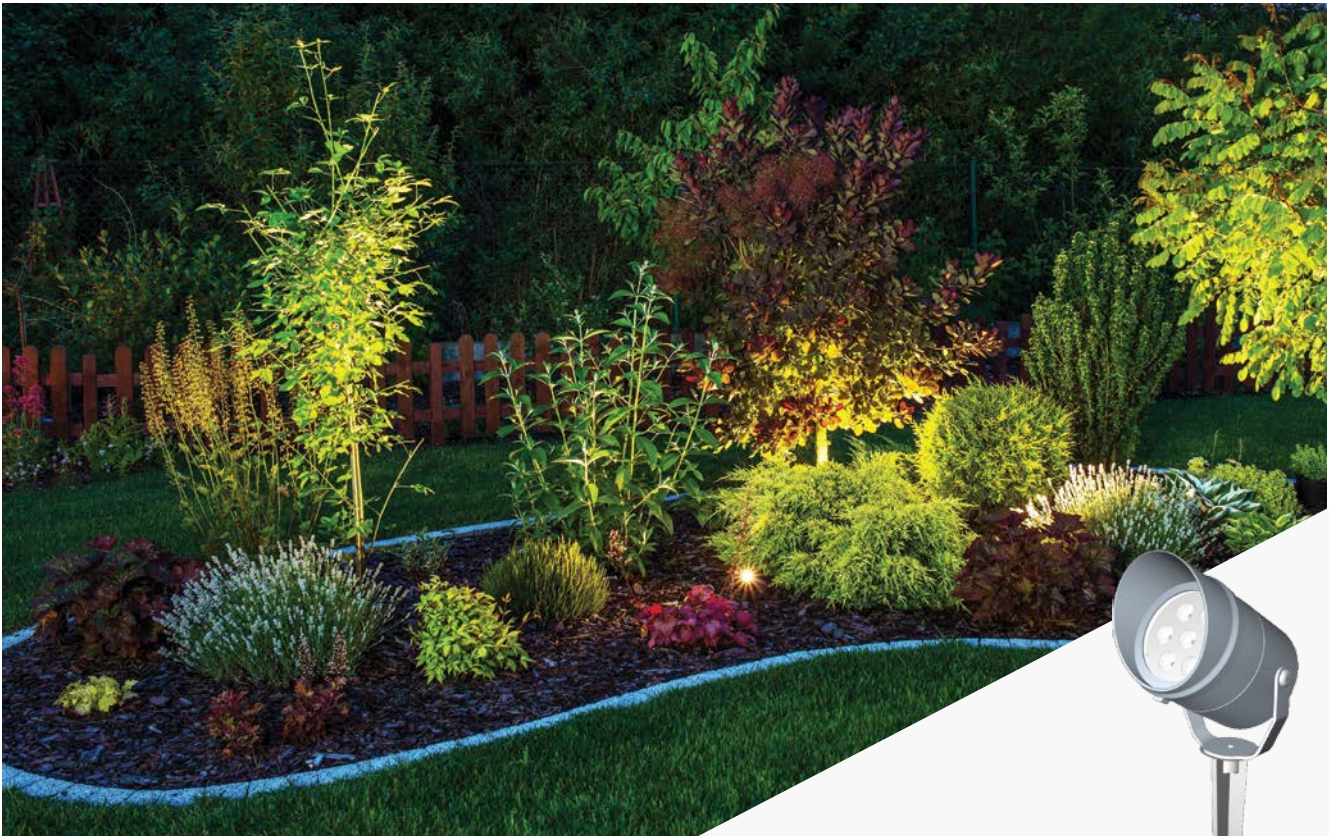
DIMENSIONS (mm)



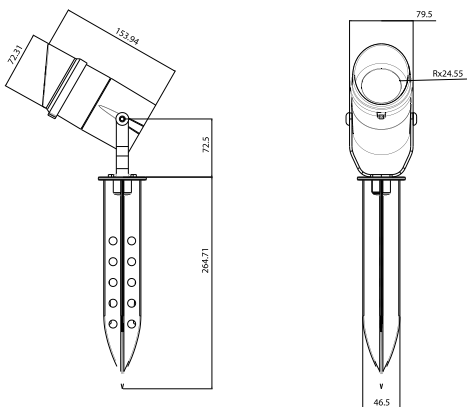
LIGHT CURVE



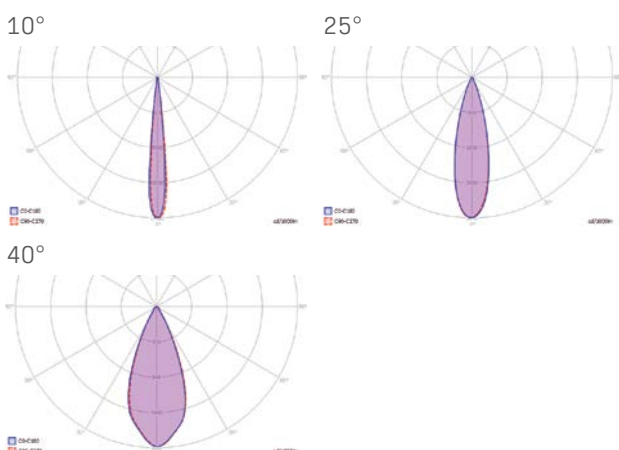
Garden Spot



DIMENSIONS (mm)



LIGHT CURVE



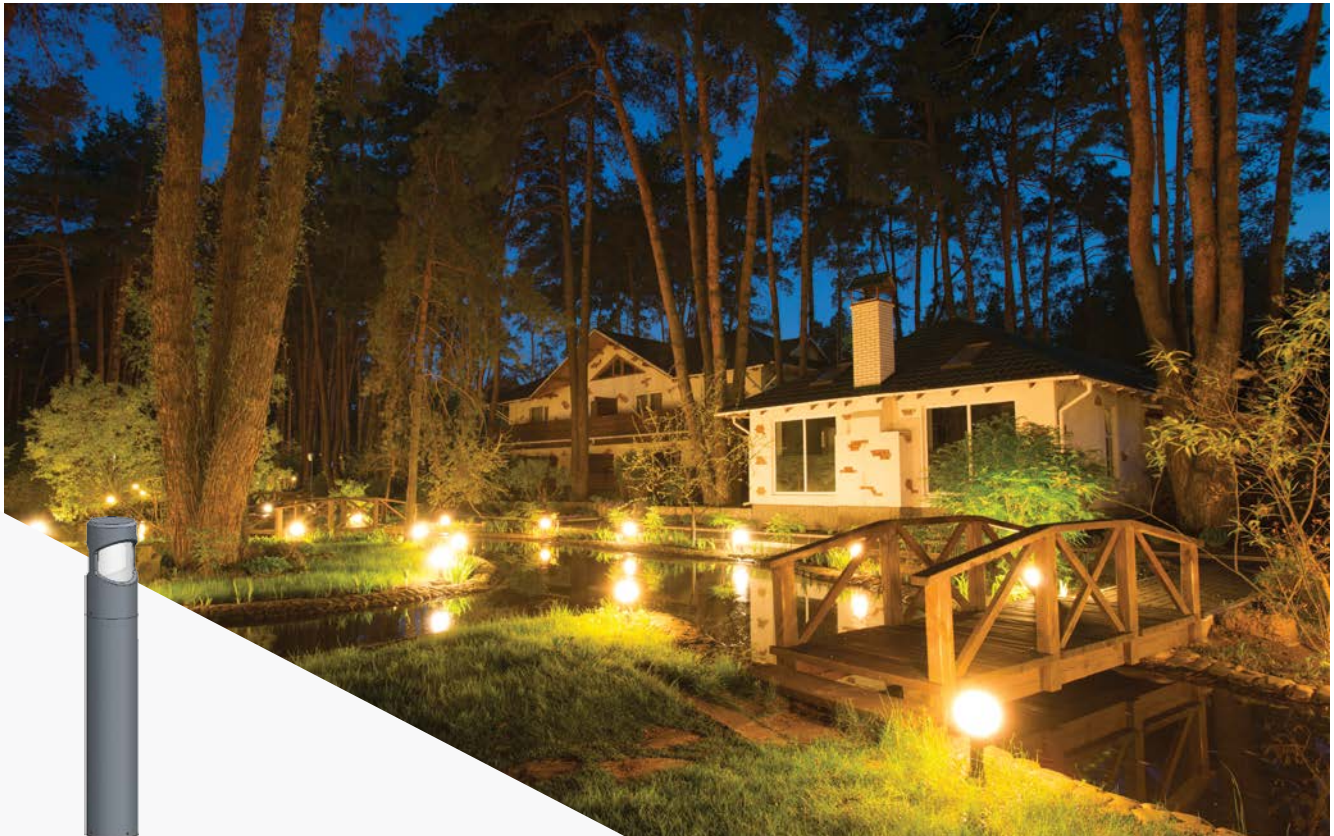
Optical and Electrical

Power	11W	5W
Lumen output	650lm	300lm
Colour temperature	Amber	
CRI	≥70	
Efficacy	54lm/W	60lm/W
Beam Angle	10° / 25° / 40°	
Dimming	-	
Life Time	50000 Hours	
IP Rating	IP66	
Emergency Kit	-	

Mechanical

Operating Temperature	-20°C / +40°C	
Dimensions	116,1 x 123,3 x 426 mm 81x 85.3 x 180 mm	
Product Weight	1,46 kg	0,9 kg
Mounting Options	-	

Bollard



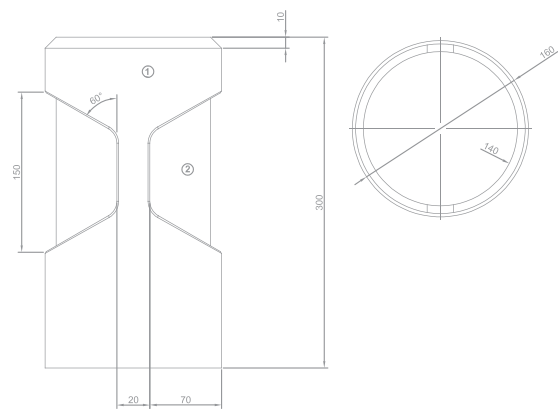
Optical and Electrical

Power	7,5W	
Lumen output	350lm	400lm
Colour temperature	3000K	4000K
CRI	≥70	
Efficacy	46lm/W	53lm/W
Beam Angle	Asymmetric	
Dimming	-	
Life Time	50000Hours	
IP Rating	IP65	
Emergency Kit	-	

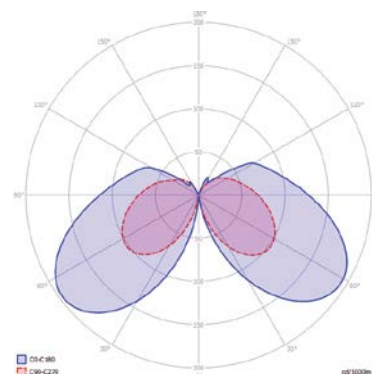
Mechanical

Operating Temperature	-20°C /+40°C
Dimensions	160 x 160 x 1002 mm
Product Weight	6,5 kg
Mounting Options	-

DIMENSIONS (mm)



LIGHT CURVE



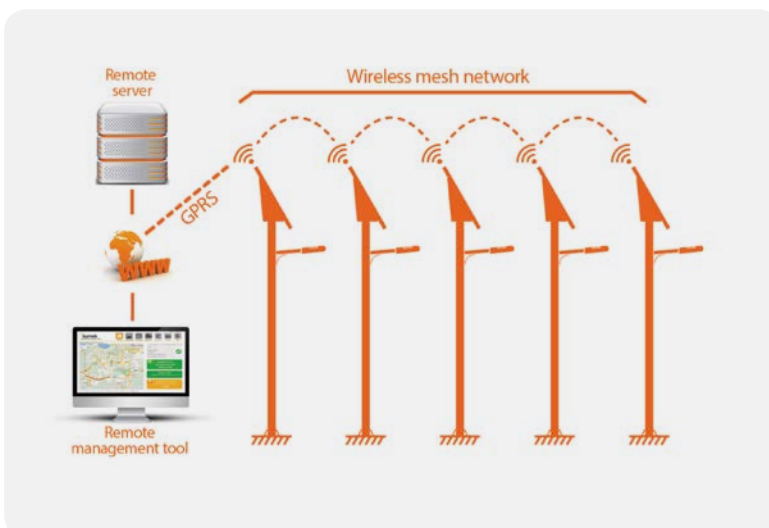
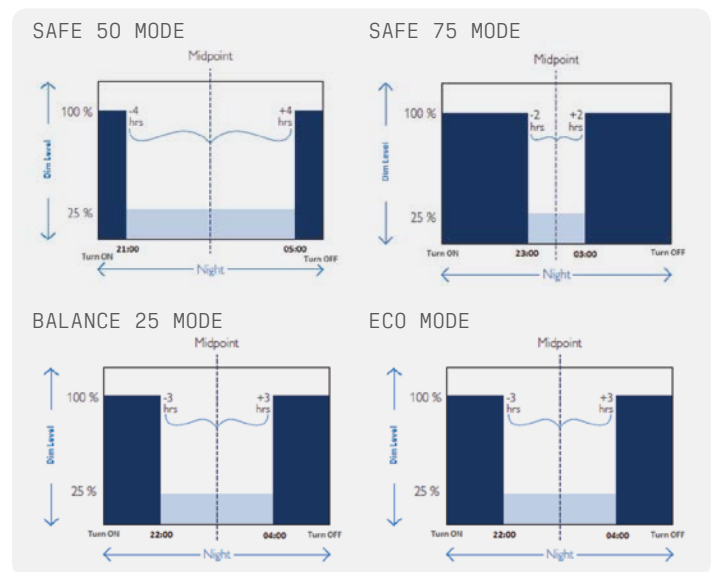
Street Lights Smart Lighting



1. AUTODIMMER

AutoDimmer is an external, stand alone dimming control device developed by Vestel that enables a simple, automatic dimming. AutoDimmer reduces the power consumption of outdoor LED luminaires in a variety of preset or custom scenarios. This stand-alone solution allows owners to operate a greener business, and ultimately save energy and costs while creating an inviting nighttime environment.

The self-updating Vestel's embedded firmware determines the night real time without an internal real time clock. This means no battery inside, therefore no field maintenance. Just turning the lighting fixture ON/OFF, the custom light profile shape will be self synchronized to the real time zone, without any clock setting in the installation area. Our pre-programmed dimming profiles automatically take into account seasonal changes based on geographical locations by continuously monitoring the working day's midpoint. All profiles can be adjusted in the field for additional adaptability.



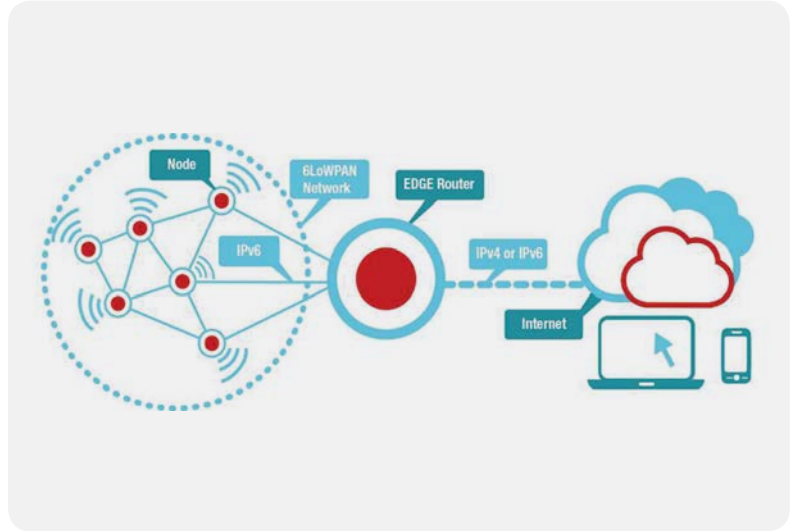
2. WIRELESS (WI-FI) SYSTEMS

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

Street Lights Smart Lighting

VESTEL WI-FI 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

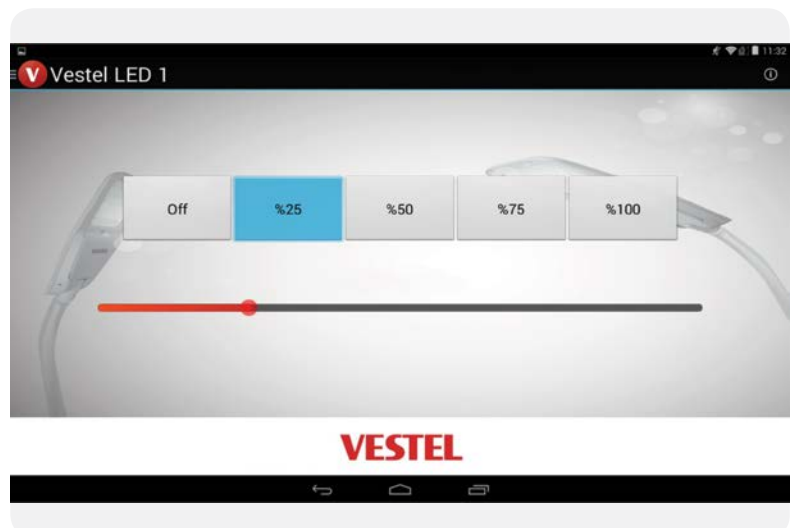


3. VESTEL SMART STREET SOFTWARE

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 you labor cost with Vestel Smart Street Software

REMOTE DIMMING

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

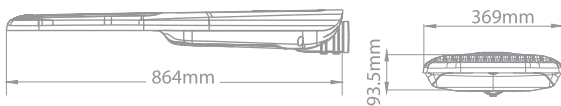


Street Light

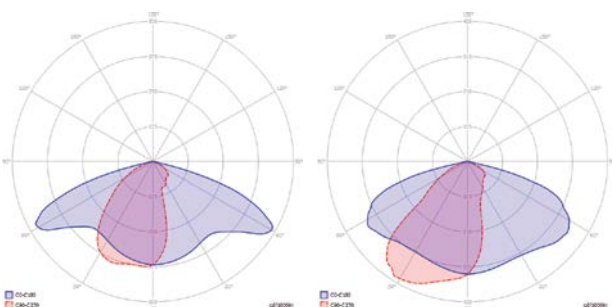
Ephesus- M2S-165



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	165 W
Lumen output	19000lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	864 x 369 x 93,5 mm
Product Weight	11 kg
Mounting Options	Post-top , Side

Street Light

Ephesus- M2S-147



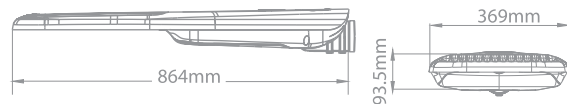
Optical and Electrical

Power	147 W
Lumen output	17000lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

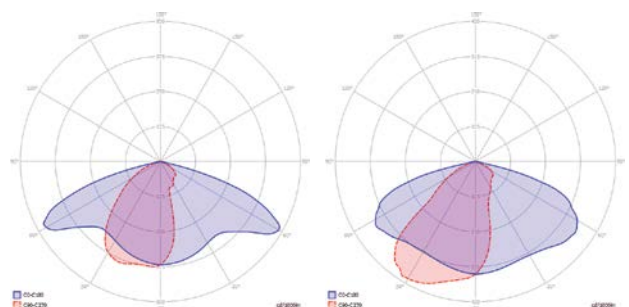
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	864 x 369 x 93,5 mm
Product Weight	11 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

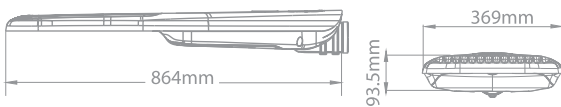


Street Light

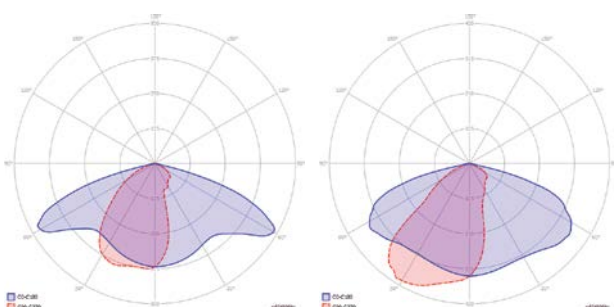
Ephesus- M2S-128



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	128 W
Lumen output	14800lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	864 x 369 x 93,5 mm
Product Weight	11 kg
Mounting Options	Post-top , Side

Street Light

Ephesus- M3S-108



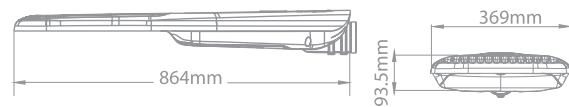
Optical and Electrical

Power	108 W
Lumen output	12500lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

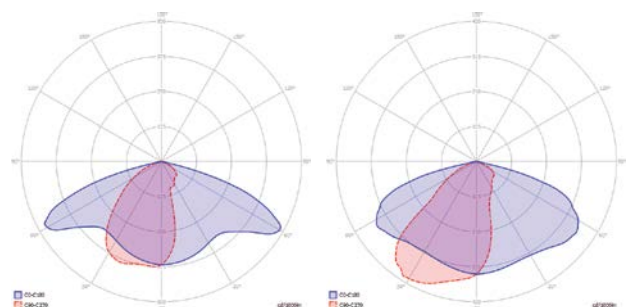
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	864 x 369 x 93,5 mm
Product Weight	11 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE



Street Light

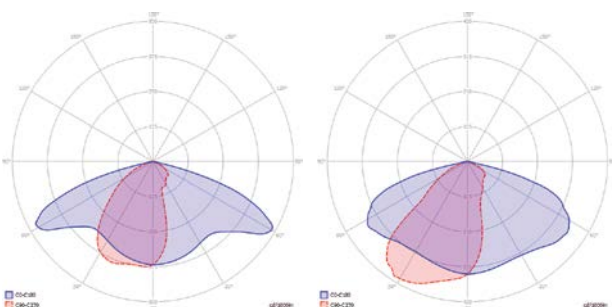
Ephesus- M3S-90



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	90 W
Lumen output	11400lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	808,2 x 333,5 x 95 mm
Product Weight	10,3 kg
Mounting Options	Post-top , Side

Street Light

Ephesus- M4S-68



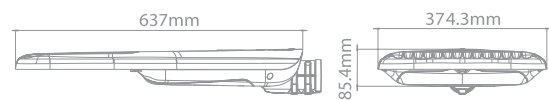
Optical and Electrical

Power	68 W
Lumen output	7800lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

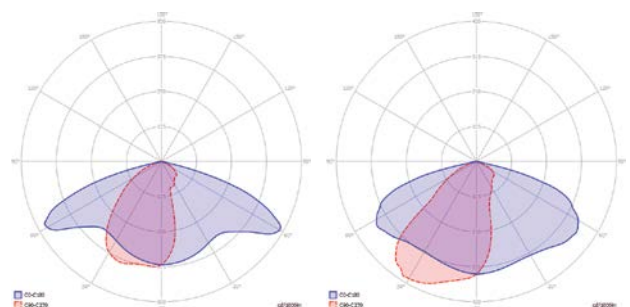
Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	637 x 374,3 x 85,4 mm
Product Weight	9,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

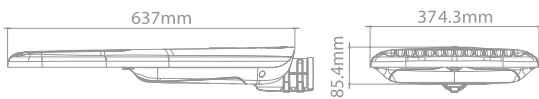


Street Light

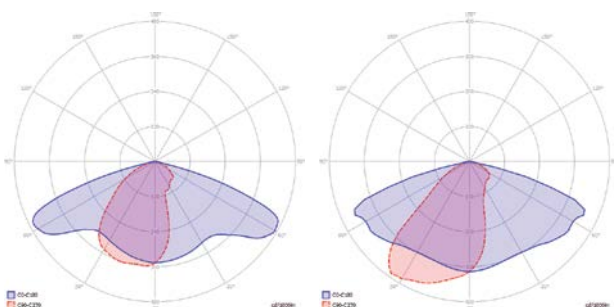
Ephesus- M4H-48



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	48 W
Lumen output	7000lm
Colour temperature	4000 K
CRI	≥70
Efficacy	145lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	637 x 374,3 x 85,4 mm
Product Weight	9,5 kg
Mounting Options	Post-top , Side

Street Light

Ephesus- M5S-47



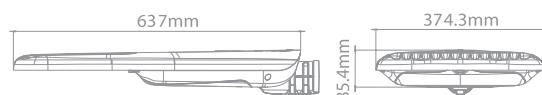
Optical and Electrical

Power	47 W
Lumen output	5400lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

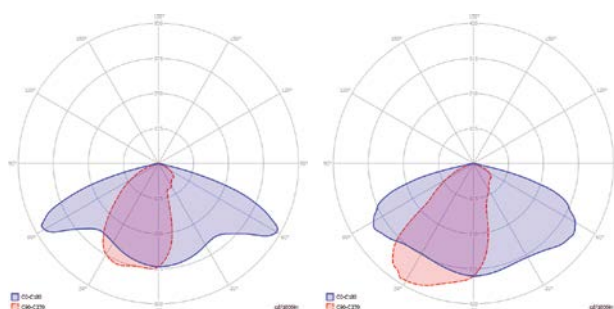
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	637 x 374,3 x 85,4 mm
Product Weight	9,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

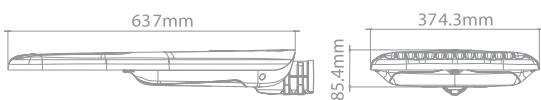


Street Light

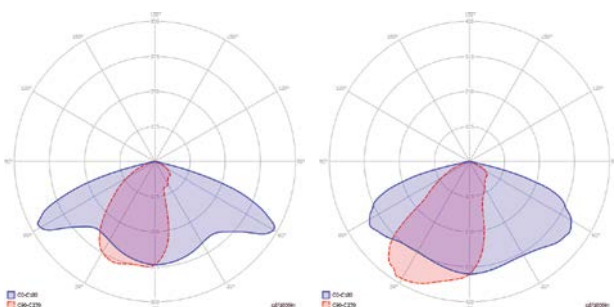
Ephesus- M5S-35



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	35 W
Lumen output	3280lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	637 x 374,3 x 85,4 mm
Product Weight	9,5 kg
Mounting Options	Post-top , Side

Street Light

Ephesus- M6S-24



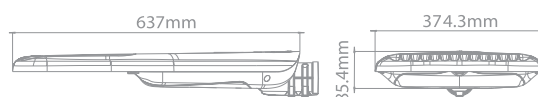
Optical and Electrical

Power	24 W
Lumen output	2800lm
Colour temperature	4000 K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

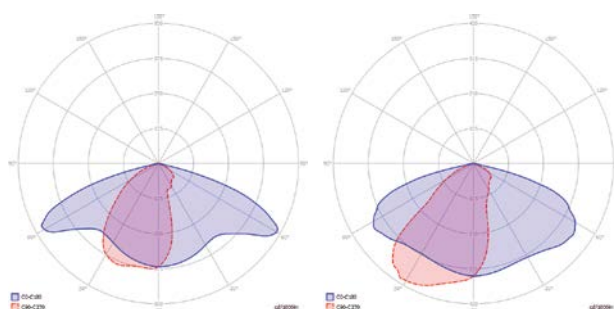
Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	637 x 374,3 x 85,4 mm
Product Weight	9,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

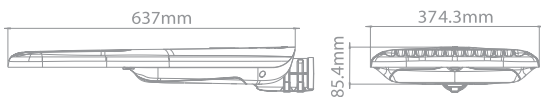


Street Light

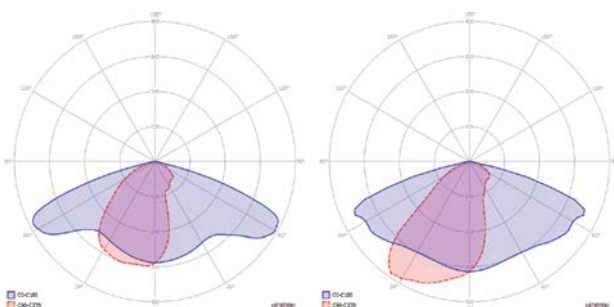
Ephesus- M6H-13



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	13 W
Lumen output	1900lm
Colour temperature	4000 K
CRI	≥70
Efficacy	145lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	50000 Hours
IP Rating	IP66
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	637 x 374,3 x 85,4 mm
Product Weight	9,5 kg
Mounting Options	Post-top , Side

Street Light

Sardes S2 - 182



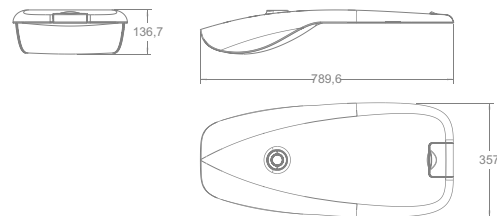
Optical and Electrical

Power	182W
Lumen output	21000lm
Colour temperature	4000K
CRI	≥70
Efficacy	115lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

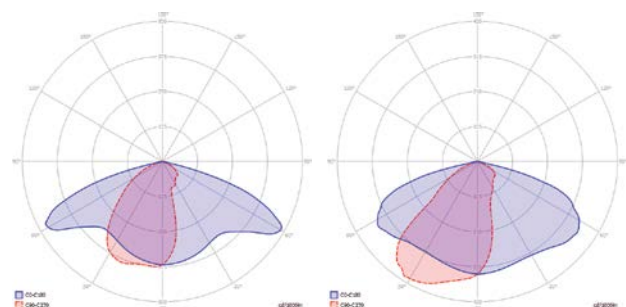
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	789,6 x 357 x 136,7 mm
Product Weight	10,3 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

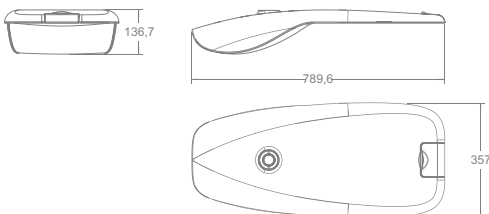


Street Light

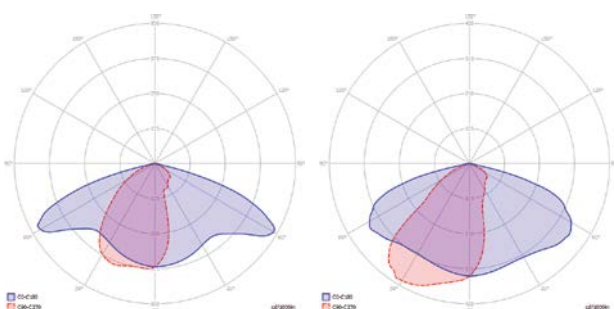
Sardes S2 - 165



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	165W
Lumen output	19000lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	789,6 x 357 x 136,7 mm
Product Weight	10,3 kg
Mounting Options	Post-top , Side

Street Light

Sardes S2 - 140



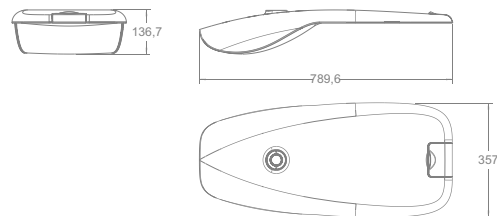
Optical and Electrical

Power	140W
Lumen output	16000lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

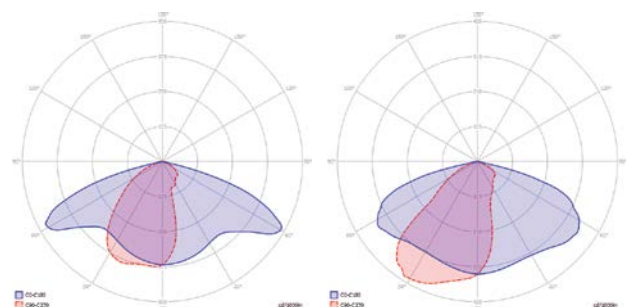
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	789,6 x 357 x 136,7 mm
Product Weight	10,3 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

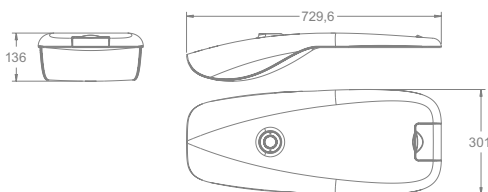


Street Light

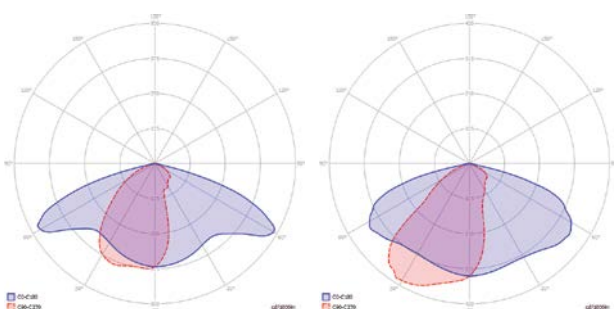
Sardes S3 - 121



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	121W
Lumen output	14000lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	729,6 x 301 x 136 mm
Product Weight	8,5 kg
Mounting Options	Post-top , Side

Street Light

Sardes S3 - 100



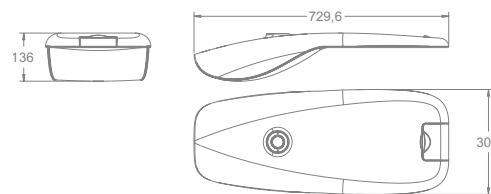
Optical and Electrical

Power	100W
Lumen output	11500lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

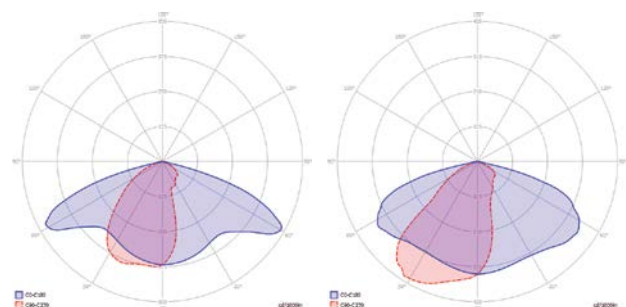
Mechanical

Operating Temperature	-40°C /+50°C
Dimensions	729,6 x 301 x 136 mm
Product Weight	8,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

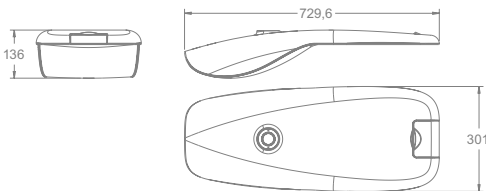


Street Light

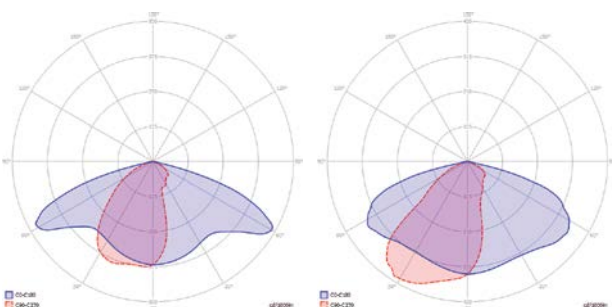
Sardes S3 - 78



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	78W
Lumen output	9000lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	729,6 x 301 x 136 mm
Product Weight	8,5 kg
Mounting Options	Post-top , Side

Street Light

Sardes S5 - 60



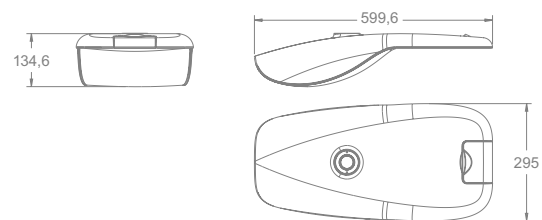
Optical and Electrical

Power	60W
Lumen output	7000lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

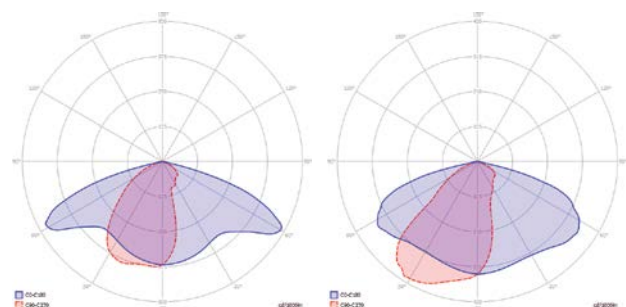
Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	599,6 x 295 x 134,6 mm
Product Weight	6,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

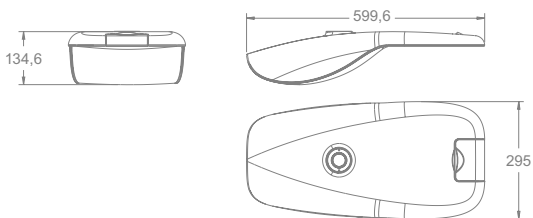


Street Light

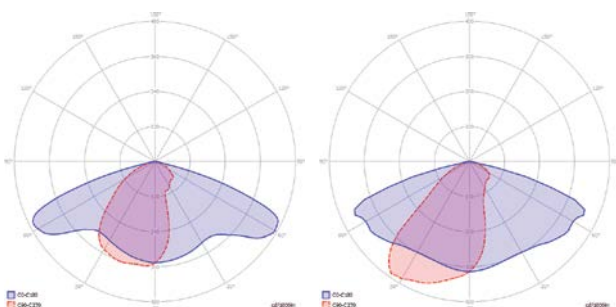
Sardes S5H - 50



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	50,5W
Lumen output	6600lm
Colour temperature	4000K
CRI	≥70
Efficacy	130 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	599,6 x 295 x 134,6 mm
Product Weight	6,5 kg
Mounting Options	Post-top , Side

Street Light

Sardes S5 - 35



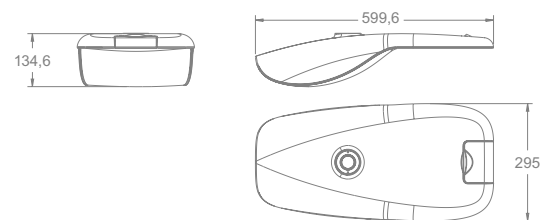
Optical and Electrical

Power	35W
Lumen output	4025lm
Colour temperature	4000K
CRI	≥70
Efficacy	115 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

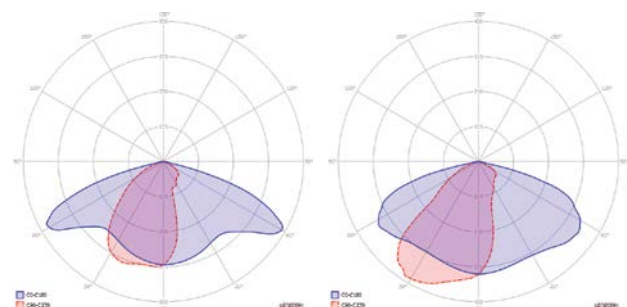
Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	599,6 x 295 x 134,6 mm
Product Weight	6,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE

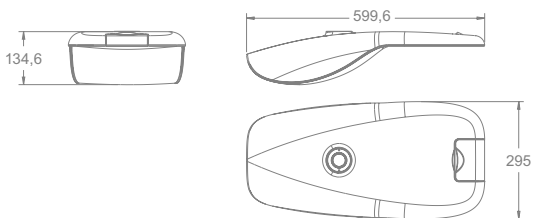


Street Light

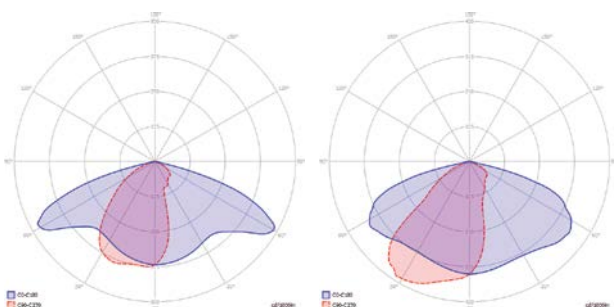
Sardes S5 - 24



DIMENSIONS (mm)



LIGHT CURVE



Optical and Electrical

Power	24W
Lumen output	2800lm
Colour temperature	4000K
CRI	≥70
Efficacy	116 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	599,6 x 295 x 134,6 mm
Product Weight	6,5 kg
Mounting Options	Post-top , Side

Street Light

Sardes S5H - 13



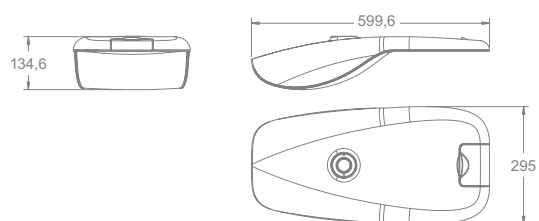
Optical and Electrical

Power	13W
Lumen output	1900lm
Colour temperature	4000K
CRI	≥70
Efficacy	146 lm/W
Beam Angle	Asymmetric
Dimming	Optional
Life Time	100,000 Hours
IP Rating	IP66/IK08
Emergency Kit	-

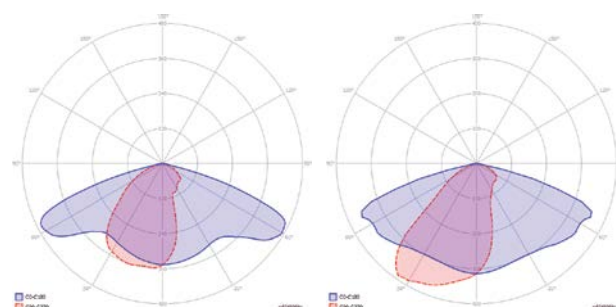
Mechanical

Operating Temperature	-40°C / +50°C
Dimensions	599,6 x 295 x 134,6 mm
Product Weight	6,5 kg
Mounting Options	Post-top , Side

DIMENSIONS (mm)



LIGHT CURVE



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