

LED LIGHTING SOLUTIONS
2019-2020



VESTEL

www.vestelinternational.com





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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, tumble dryers, 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



1.100.000 m²
Closed Production Area



35 Million
Device Production
Capacity



16.000
Employees



\$ 4 Billion
Turnover



18 Million
TV Production Capacity



Export Leader of Turkey with
\$ 2,5 Billion

continuously to lead the electronics and household appliance markets.

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

Vestel has proven its success in product design by receiving the most prestigious design awards every year from well-known

industrial design organizations 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 155 countries.

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



GLOBAL OPERATIONS

Manufacturing & Assembly Plants

TV, Set-top Boxes

Manisa, Turkey

Professional Displays, Tablet PC, Smart Phone, LED lighting

Manisa, Turkey

**Refrigerator, Washing Machine, Dishwasher, Tumble Dryer, Cooking Appliances,
Air Conditioner, Water Heater**

Manisa, Turkey



Marketing & Sales Companies

Vestel Trade, Turkey
Vestel France, France
Vestel Germany, Germany
Vestel UK, United Kingdom
Vestel Iberia, Spain
Vestel Poland, Poland

Vestel Benelux, Netherlands
Vestel CIS Ltd, Russia
Vestel Electronica, Romania
Vestel Central Asia, Kazakhstan
Vestel Electronics Gulf, Dubai

R&D Centers

Manisa, Turkey
Istanbul, Turkey
Bristol, United Kingdom
Shanghai, China



STANDARD FEATURES

IEC/EN
60598

Lumianire is produced and certified in conformity with relevant IEC/EN 60598 safety standard series:

IEC/EN 60598-1 (General requirements and tests)

IEC/EN 60598-2-1 (Particular requirements for fixed general purpose luminaires)

IEC/EN 60598-2-2 (Particular requirements for recessed luminaires)

IEC/EN 60598-2-3 (Particular requirements for road and street lighting luminaires)

IEC/EN 60598-2-5 (Particular requirements for floodlights)



CE certified luminaire in conformity with in conformity with the relevant European Union harmonisation legislation:

2014/30/EU – Electromagnetic Compatibility (EMC) Directive

2014/35/EU – Low Voltage Directive (LVD)

2011/65/EU – RoHS Directive



ENEC approved luminaire

IESNA
LM-79

Luminaire is tested according to Im 79

IESNA
LM-80

Led chip is tested according to Im 80"

IEC/EN
55015
61547

Lumianire is produced and certified in conformity with relevant EMC norms:

IEC/EN 55015

IEC/EN 61000-3-2

IEC/EN 61000-3-3

IEC/EN 61547



OPTIONAL FEATURES



SMART

wireless/autodimmer/HNS



NEMA

compliant socket



SENSOR

motion control



DALI

control



1-10V

dimming



EMG

3 hours



CLASS II

protection



through wiring



High color rendering



High Bay

Applications



Factory



Warehouse



Tunnel



V2

HP 73 W MP 80 W
HP 108 W MP 108 W
HP 147 W MP 132 W
MP 142 W



Round

HP 124 W
HP 168 W
MP 104 W
MP 132 W



UFO

75 W
102 W
150 W

High Bay V2 HP 73 W



IP66



IK08

optional



DALI



1-10V



SMART



certificates



Optical and electrical features

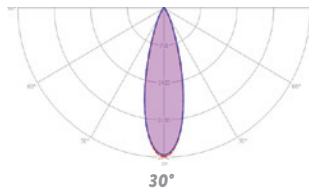
Power	73 W
Colour Temperature	4000 / 6500 K
Lumen Output	10.800 lm
Efficacy	148 lm/W
CRI	>70
Beam Angle	30°/50°/70°/100°/asym
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

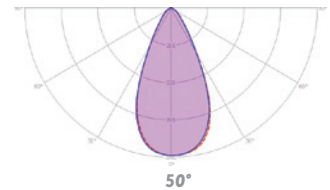
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 350 x 113/287 mm
Product Weight	9,2 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

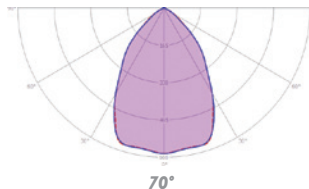
■ C0-C180 ■ C90-C270 cd/100lm



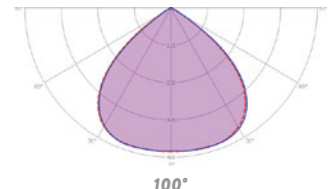
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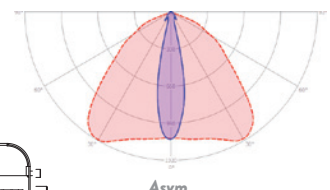
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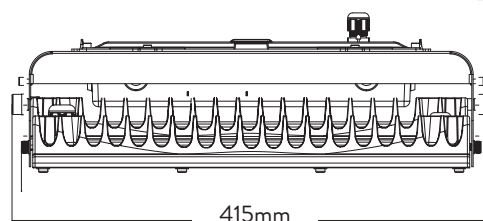
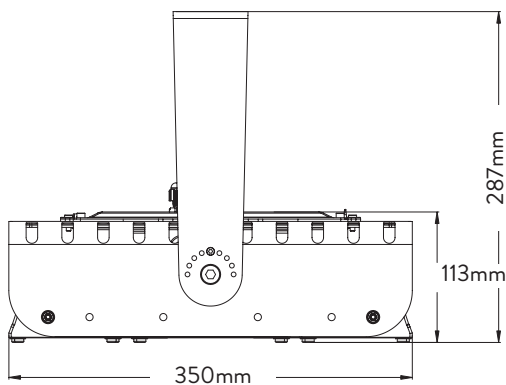
70°



100°



Asym



High Bay V2 HP 108 W



IP66



IK08

optional



DALI



1-10V



SMART



80+
CRI

certificates



Optical and electrical features

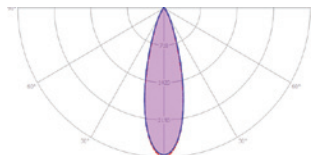
Power	108 W
Colour Temperature	4000 / 6500 K
Lumen Output	15.000 lm
Efficacy	138 lm/W
CRI	>70
Beam Angle	30°/50°/70°/100°/asym
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

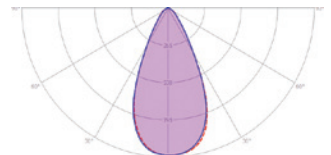
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 350 x 113/287 mm
Product Weight	9,2 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

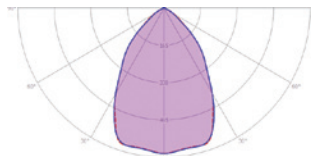
■ C0-C180 ■ C90-C270 cd/100lm



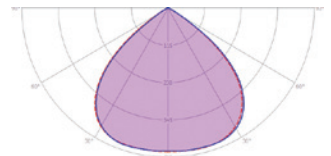
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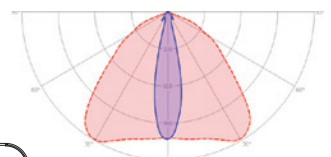
50°



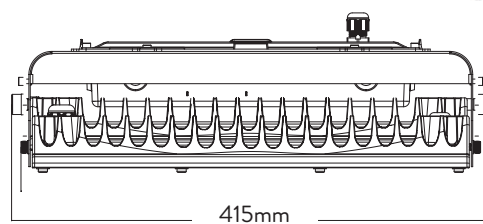
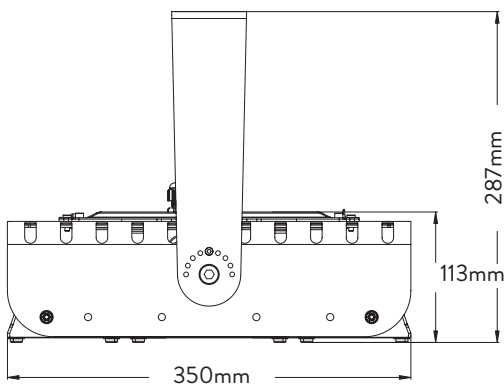
70°



100°



Asym





High Bay V2 HP 147 W



IP66



IK08

optional



DALI



1-10V



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certificates



Optical and electrical features

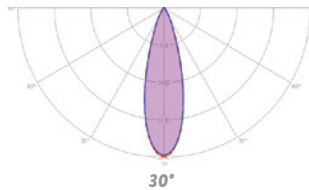
Power	147 W
Colour Temperature	4000 / 6500 K
Lumen Output	21.000 lm
Efficacy	142 lm/W
CRI	>70
Beam Angle	30°/50°/70°/100°/asym
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

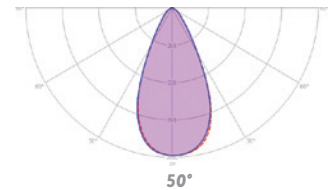
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 430 x 113/287 mm
Product Weight	11,5 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

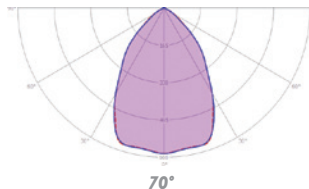
■ C0-C180 ■ C90-C270 cd/100lm



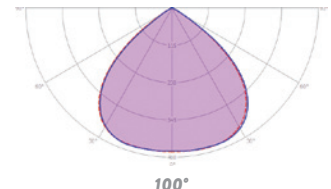
30°



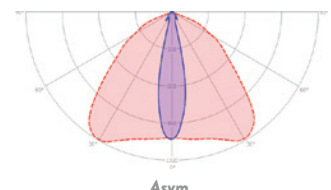
50°



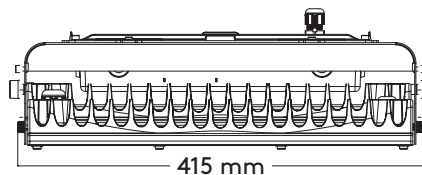
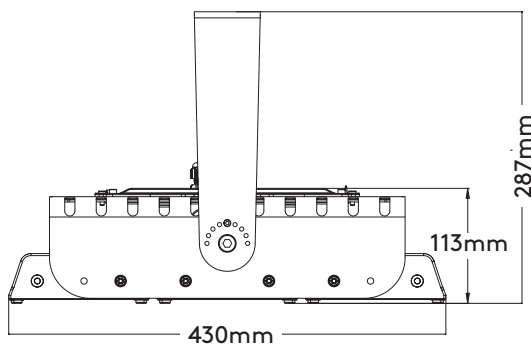
70°



100°



Asym



High Bay V2 MP 80 W



IP66



IK08

optional



DALI



1-10V



SMART

certificates



Optical and electrical features

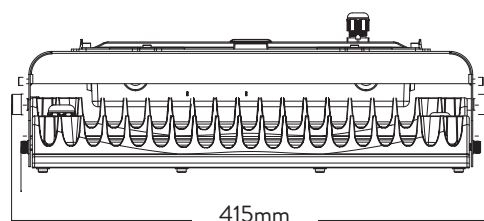
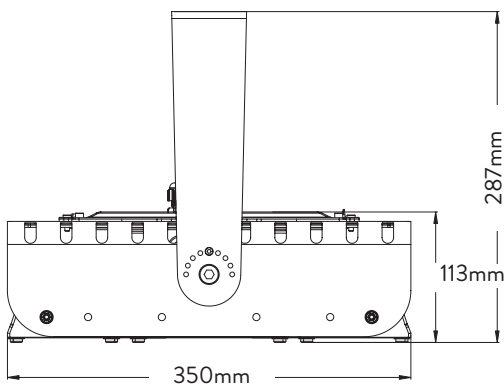
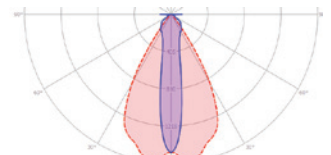
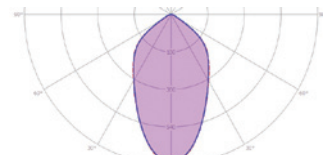
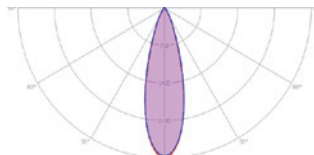
Power	80 W
Colour Temperature	4000K
Lumen Output	9600 lm
Efficacy	120 lm/W
CRI	>80
Beam Angle	30° / 60° / 90° / oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 350 x 113/287 mm
Product Weight	9,2 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



High Bay V2 MP 108 W



IP66



IK08

optional



DALI



1-10V



SMART

certificates



Optical and electrical features

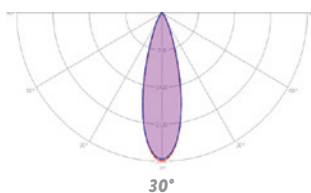
Power	108 W
Colour Temperature	4000 / 6500K
Lumen Output	12.800 lm
Efficacy	120 lm/W
CRI	>80
Beam Angle	30° / 60° / 90° / oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

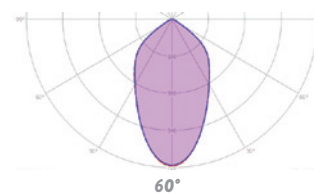
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 350 x 113/287 mm
Product Weight	9,2 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

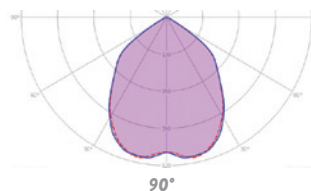
■ C0-C180 ■ C90-C270 cd/100lm



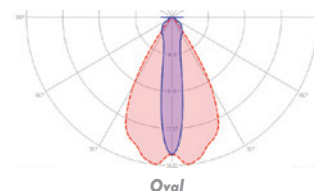
30°



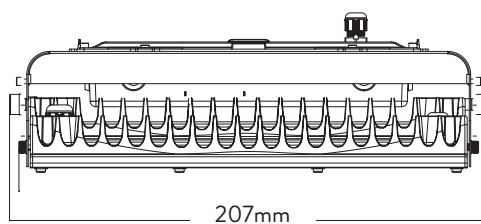
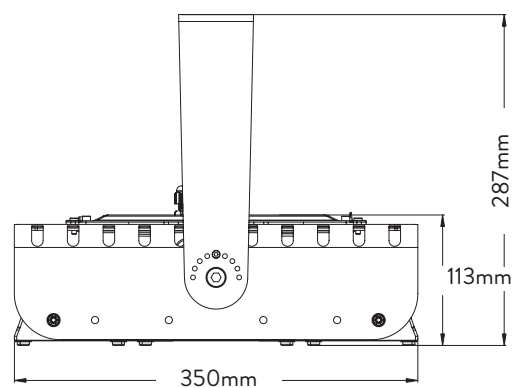
60°



90°



Oval





High Bay V2 MP 132 W



IP66



IK08

optional



DALI



1-10V



SMART

certificates



Optical and electrical features

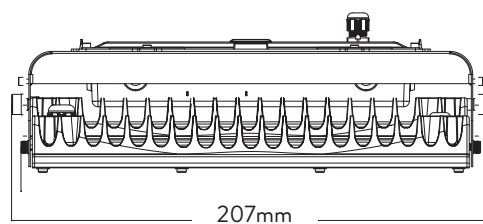
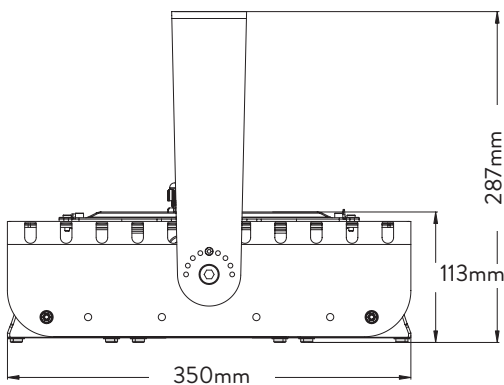
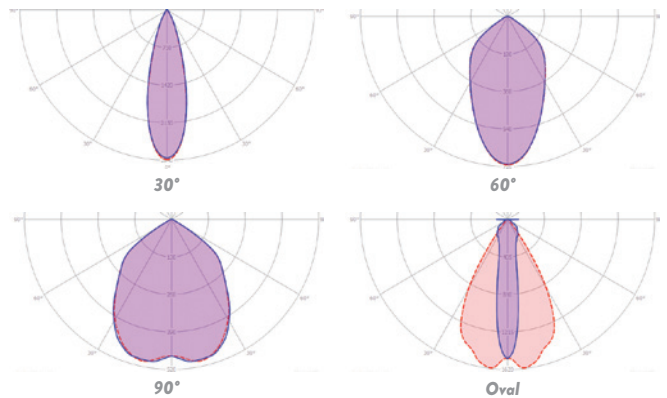
Power	132 W
Colour Temperature	4000 / 6500K
Lumen Output	18.400 lm
Efficacy	140 lm/W
CRI	>80
Beam Angle	30° / 60° / 90° / oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 350 x 113/287 mm
Product Weight	9,2 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm





High Bay V2 MP 142 W



IP66



IK08

optional



DALI



1-10V



SMART

certificates



Optical and electrical features

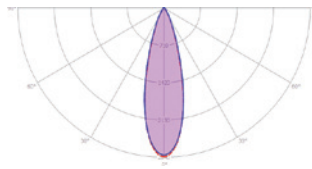
Power	142 W
Colour Temperature	4000 / 6500K
Lumen Output	20.000 lm
Efficacy	140 lm/W
CRI	>80
Beam Angle	30° / 60° / 90° / oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

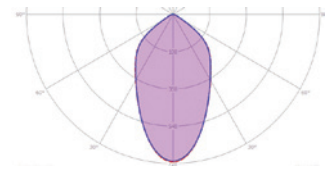
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	415 x 350 x 113/287 mm
Product Weight	9,2 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

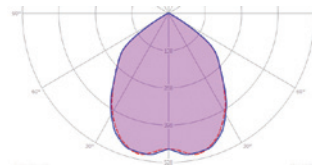
■ C0-C180 ■ C90-C270 cd/100lm



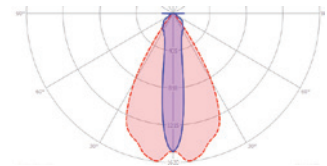
30°



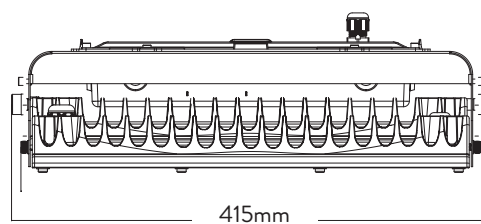
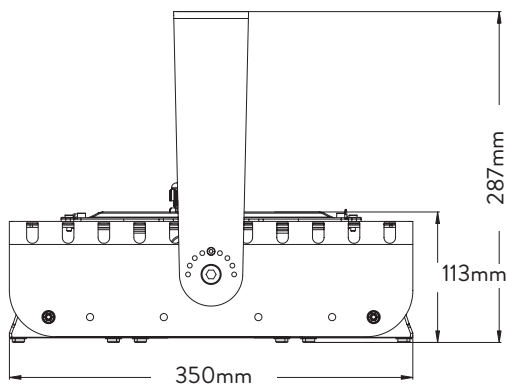
60°



90°



Oval





High Bay Round HP 124 W



optional



certificates



Optical and electrical features

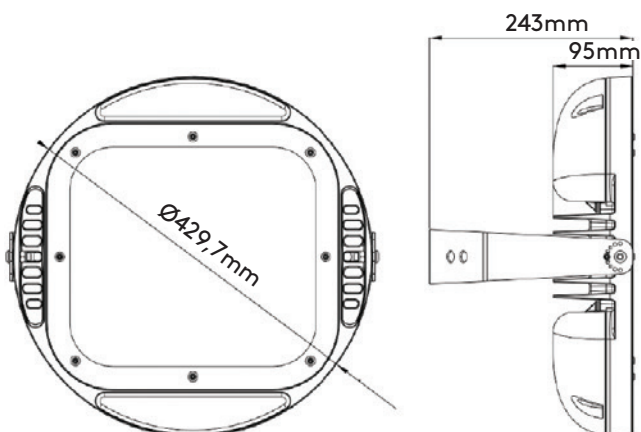
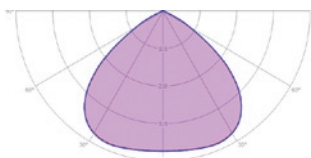
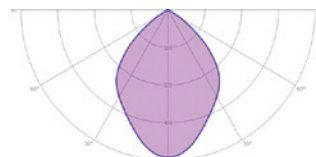
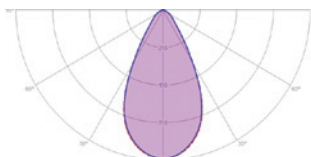
Power	124 W
Colour Temperature	4000 K
Lumen Output	15.500 lm
Efficacy	125 lm/W
CRI	>80
Beam Angle	55° / 85° / 105°
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø429,7 x 95/243 mm
Product Weight	12 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm





High Bay Round HP 168 W



IP66



IK08

optional



DALI



1-10V

certificates



Optical and electrical features

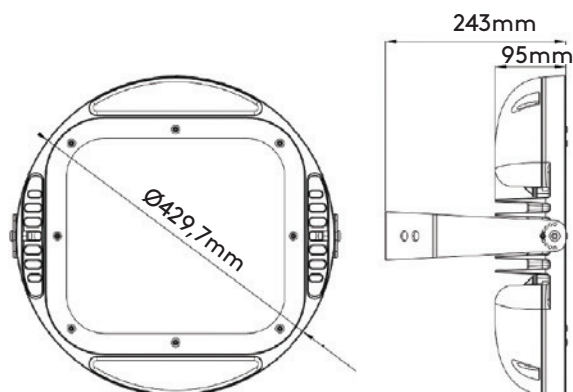
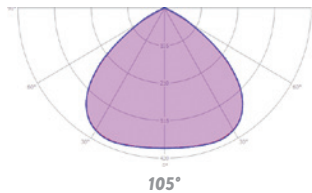
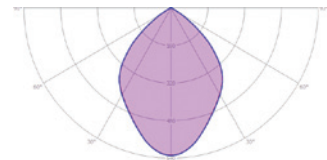
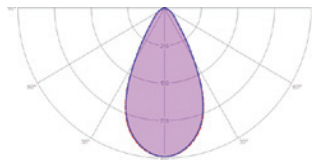
Power	168 W
Colour Temperature	4000 K
Lumen Output	21.000 lm
Efficacy	125 lm/W
CRI	>80
Beam Angle	55° / 85° / 105° / 110°
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø429,7 x 95/243 mm
Product Weight	12 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



High Bay Round MP 104 W



optional



certificates



Optical and electrical features

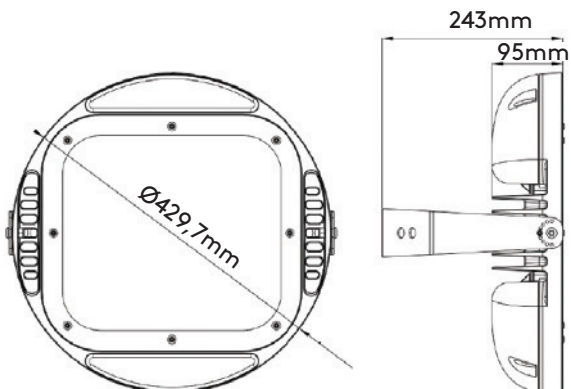
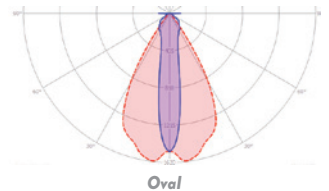
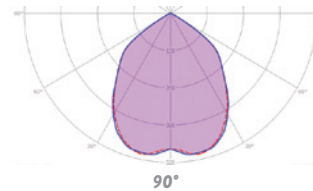
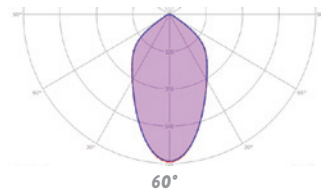
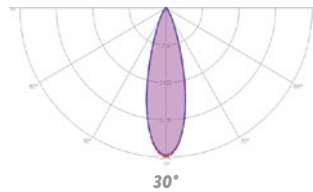
Power	104 W
Colour Temperature	4000 K
Lumen Output	15.300 lm
Efficacy	147 lm/W
CRI	>80
Beam Angle	30° / 60° / 90° / OVAL
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø429,7 x 95/243 mm
Product Weight	12 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm





High Bay Round MP 132 W



IP66



IK08

optional



DALI



1-10V

certificates



Optical and electrical features

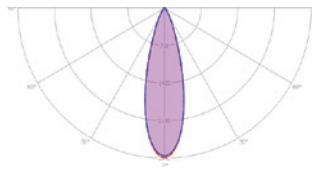
Power	132 W
Colour Temperature	4000 K
Lumen Output	19.000 lm
Efficacy	144 lm/W
CRI	>80
Beam Angle	30° / 60° / 90° / OVAL
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

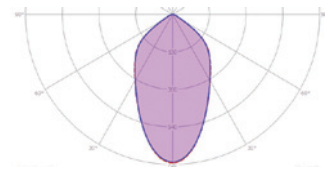
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø429,7 x 95/243 mm
Product Weight	12 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

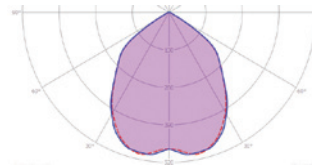
■ C0-C180 ■ C90-C270 cd/100lm



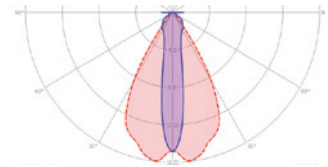
30°



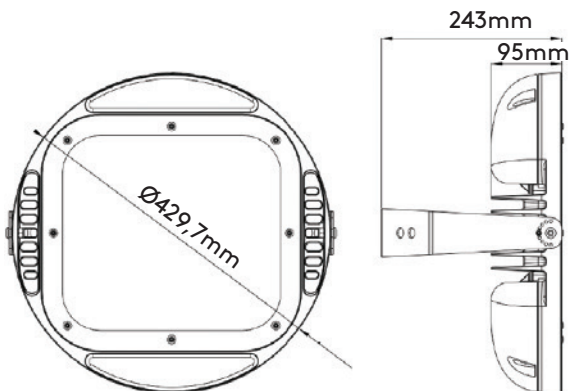
60°



90°



Oval



High Bay UFO 75 W



optional



certificates



Optical and electrical features

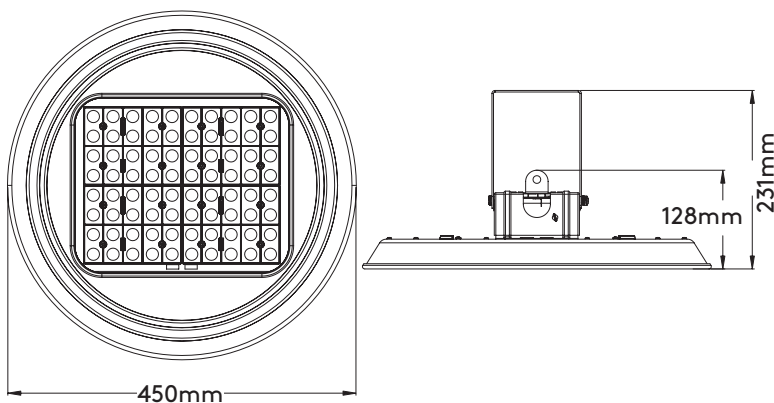
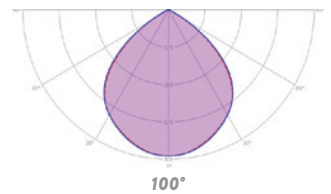
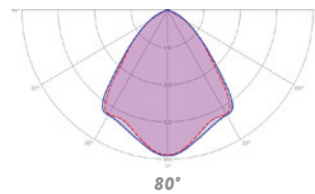
Power	75 W
Colour Temperature	4000 K
Lumen Output	9.000 lm
Efficacy	120 lm/W
CRI	>80
Beam Angle	80° / 100°
Dimming	Optional
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø450 x Ø450 x 128 mm
Product Weight	5,1 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



High Bay UFO

102 W



optional



certificates



Optical and electrical features

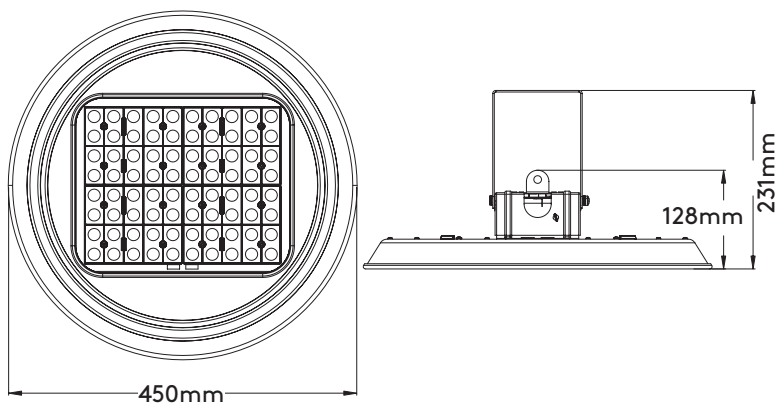
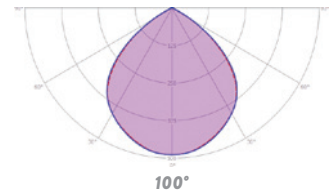
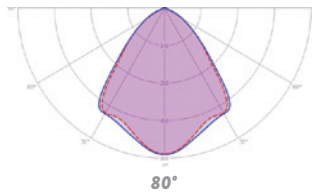
Power	102 W
Colour Temperature	4000 K
Lumen Output	13.500 lm
Efficacy	132 lm/W
CRI	>80
Beam Angle	80° / 100°
Dimming	Optional
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø450 x Ø450 x 128 mm
Product Weight	5,1 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



High Bay UFO 150 W



optional



certificates



Optical and electrical features

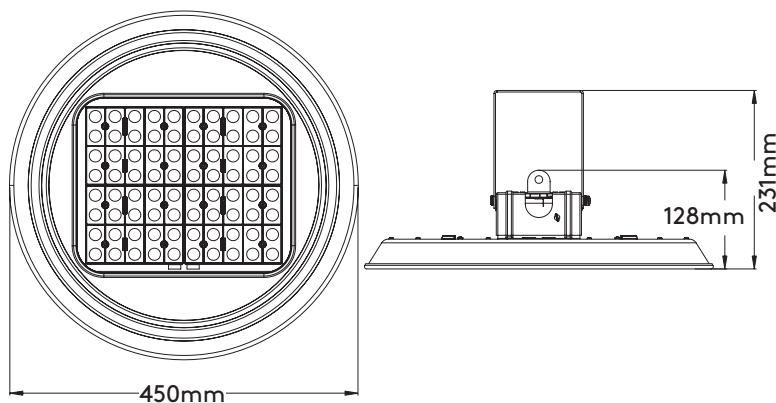
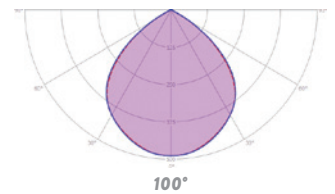
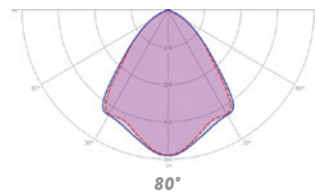
Power	150 W
Colour Temperature	4000 K
Lumen Output	20.000 lm
Efficacy	133 lm/W
CRI	>80
Beam Angle	80° / 100°
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	Ø450 x Ø450 x 128 mm
Product Weight	5,1 kg
Mounting Options	U-bracket, Pendant

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm





Batten

Applications



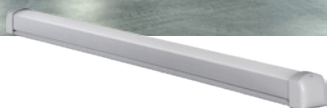
Factory



Warehouse



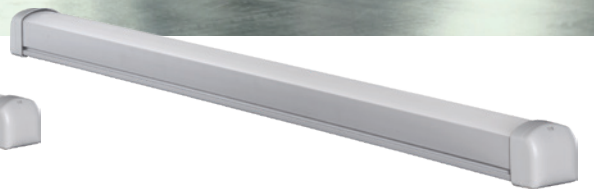
Car Park



90 cm
16 W



120 cm
23 W
33 W



150 cm
29 W
34 W
47 W

Batten Weather Proof 90 cm 16 W



IP65



IK07

optional



DALI



1-10V



EMG



THROUGH WIRING

certificates



Optical and electrical features

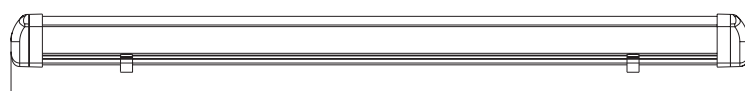
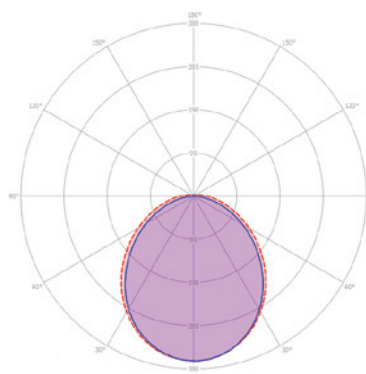
Power	16 W
Colour Temperature	4000 K
Lumen Output	2200 lm
Efficacy	137 lm/W
CRI	>80
Beam Angle	100°
Dimming	Optional
Life Time (L70)	90.000 Hours
IP Rating	IP65
IK Rating	IK07

Mechanical features

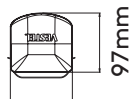
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	928 x 101 x 97 mm
Product Weight	3 kg
Mounting Options	Surface Mounted

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



928mm



101mm

Batten Weather Proof 120 cm 23 W



optional



certificates



Optical and electrical features

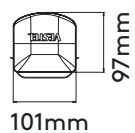
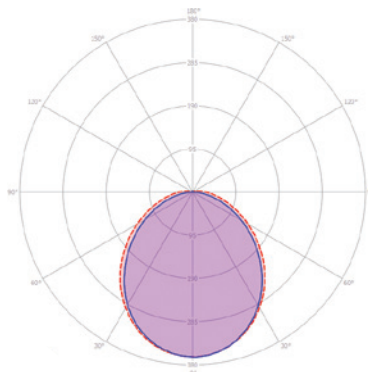
Power	23 W
Colour Temperature	4000 K
Lumen Output	3100 lm
Efficacy	135 lm/W
CRI	>80
Beam Angle	100°
Dimming	Optional
Life Time (L70)	90.000 Hours
IP Rating	IP65
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	1202 x 101 x 97 mm
Product Weight	3,8 kg
Mounting Options	Surface Mounted

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Batten Weather Proof 120 cm 33 W



optional



certificates



Optical and electrical features

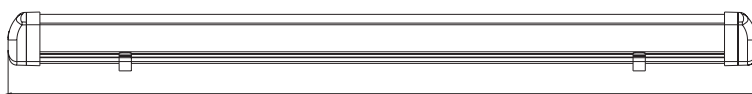
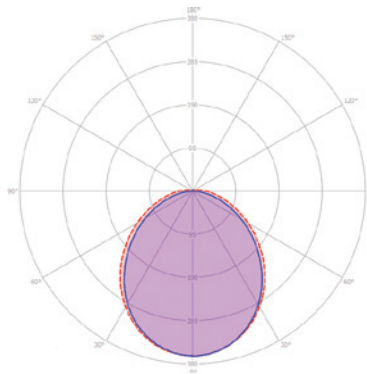
Power	33 W
Colour Temperature	4000 K
Lumen Output	4300 lm
Efficacy	130 lm/W
CRI	>80
Beam Angle	100°
Dimming	Optional
Life Time (L70)	90.000 Hours
IP Rating	IP65
IK Rating	IK07

Mechanical features

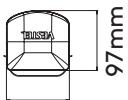
Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	1202 x 101 x 97 mm
Product Weight	3,8 kg
Mounting Options	Surface Mounted

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



1208mm



101mm

Batten Weather Proof 150 cm 29 W



optional



certificates



Optical and electrical features

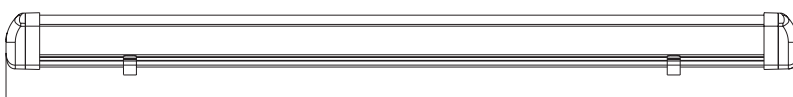
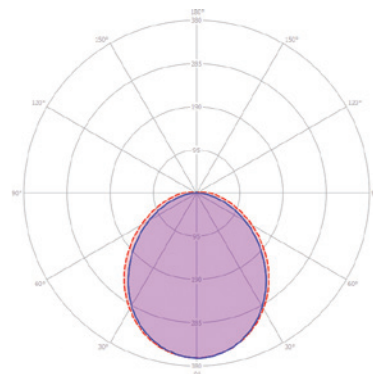
Power	29 W
Colour Temperature	4000 K
Lumen Output	3850 lm
Efficacy	133 lm/W
CRI	>80
Beam Angle	100°
Dimming	Optional
Life Time (L70)	90.000 Hours
IP Rating	IP65
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	1488 x 101 x 97 mm
Product Weight	4,5 kg
Mounting Options	Surface Mounted

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



1488mm



101mm

97mm

Batten Weather Proof 150 cm 34 W



optional



certificates



Optical and electrical features

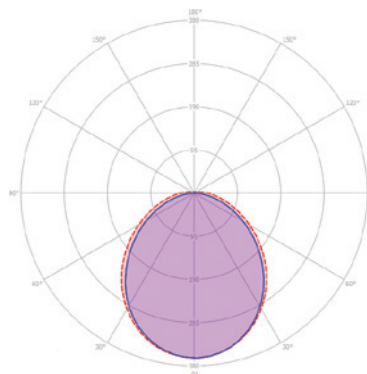
Power	34 W
Colour Temperature	4000 K
Lumen Output	4500 lm
Efficacy	133 lm/W
CRI	>80
Beam Angle	100°
Dimming	Optional
Life Time (L70)	90.000 Hours
IP Rating	IP65
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	1488 x 101 x 97 mm
Product Weight	4,5 kg
Mounting Options	Surface Mounted

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



1488mm



101mm

Batten Weather Proof 150 cm 47 W



optional



certificates



Optical and electrical features

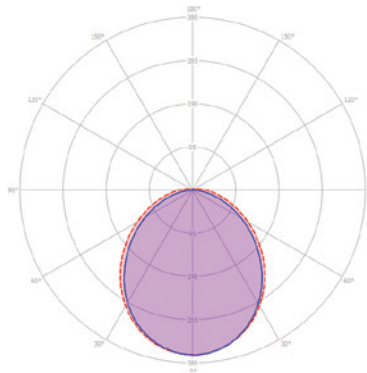
Power	47 W
Colour Temperature	4000 K
Lumen Output	6300 lm
Efficacy	134 lm/W
CRI	>80
Beam Angle	100°
Dimming	Optional
Life Time (L70)	90.000 Hours
IP Rating	IP65
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +40°C
Dimensions (LxWxH)	1488 x 101 x 97 mm
Product Weight	4,5 kg
Mounting Options	Surface Mounted

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



1488mm



101mm

97mm



Street Light

Applications



Urban Road



Highway



Park and Garden



Pedestrian Way



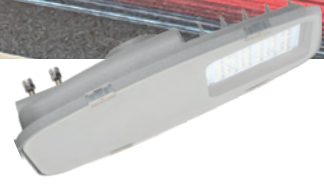
Sardes

S2 165 S5H 60
S2 155 S5 60
S2 140 S5H 35
S3 121 S5 35
S3 95 S5 24
S3 78



Magnesia

90 W
60 W



Street Fighter

50 W
30 W

Street Light Sardes S2 165



optional

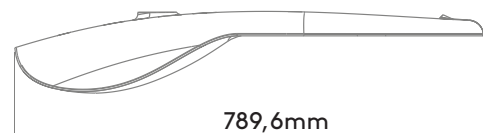
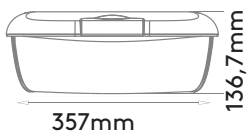


certificates



Optical and electrical features

Power	165 W
Colour Temperature	3000 / 4000 K
Lumen Output	21.000 lm
Efficacy	127 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

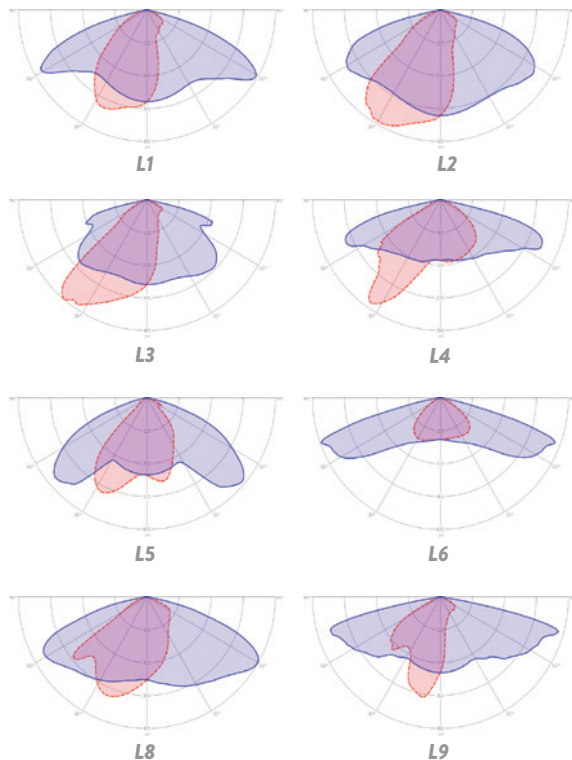


Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	789,6 x 357 x 136,7 mm
Product Weight	10 kg
Mounting Options	Post-top, Side-entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes S2 155



IP66



IK08

optional



DALI



1-10V



SMART



NEMA



CLASS II

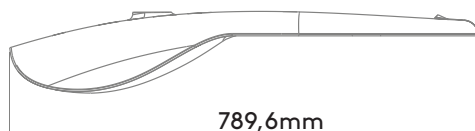
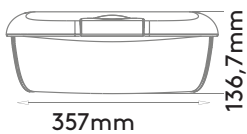


certificates



Optical and electrical features

Power	155 W
Colour Temperature	3000 / 4000 K
Lumen Output	19.000 lm
Efficacy	123 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

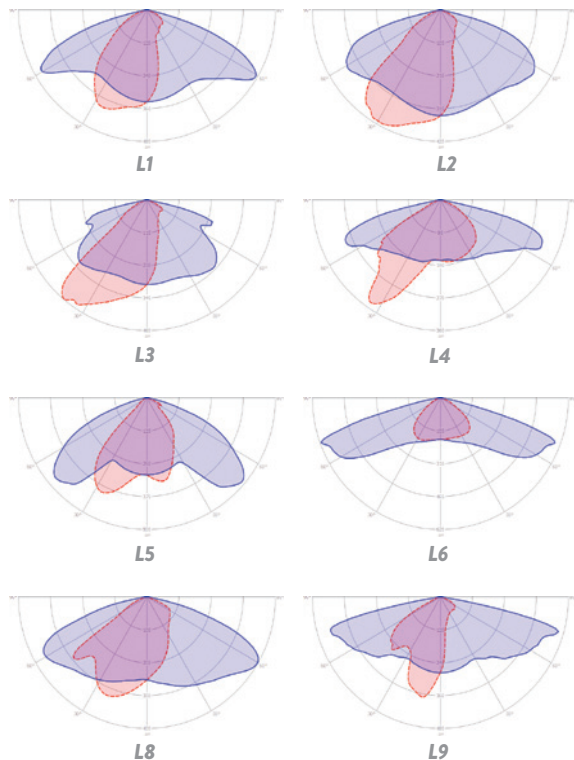


Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	789,6 x 357 x 136,7 mm
Product Weight	10 kg
Mounting Options	Post-top, Side-entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes

S2 140



optional

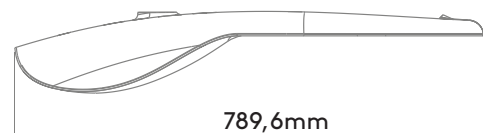
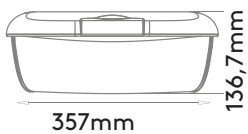


certificates



Optical and electrical features

Power	140 W
Colour Temperature	3000 / 4000 K
Lumen Output	16.000 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

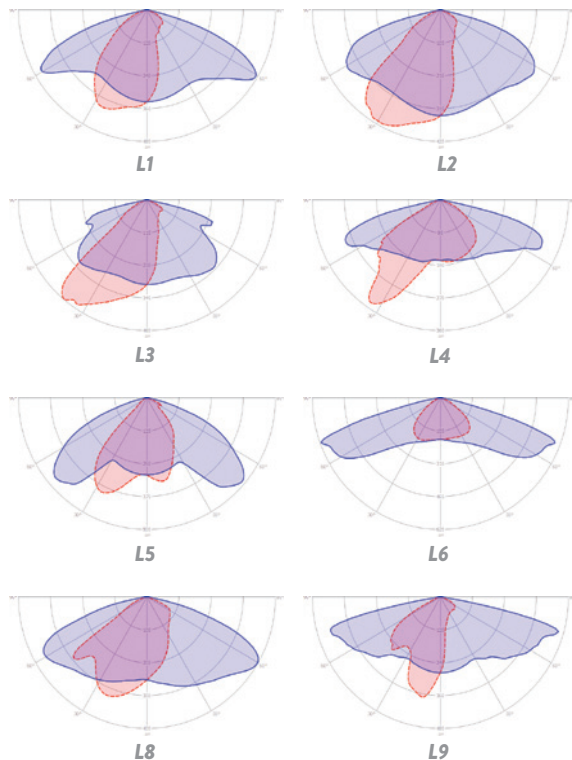


Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	789,6 x 357 x 136,7 mm
Product Weight	10 kg
Mounting Options	Post-top, Side-entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes S3 121



IP66



IK08

optional



DALI



1-10V



SMART



NEMA



CLASS II



80+
CRI

certificates



CE



IEC/EN
55015
61547



IESNA
LM-79



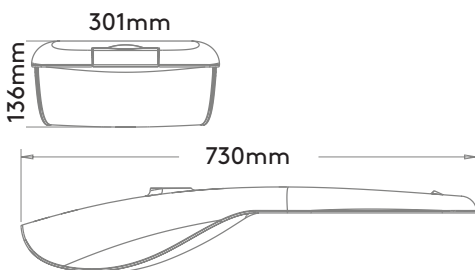
IESNA
LM-80

Optical and electrical features

Power	121 W
Colour Temperature	3000 / 4000 K
Lumen Output	14.000 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

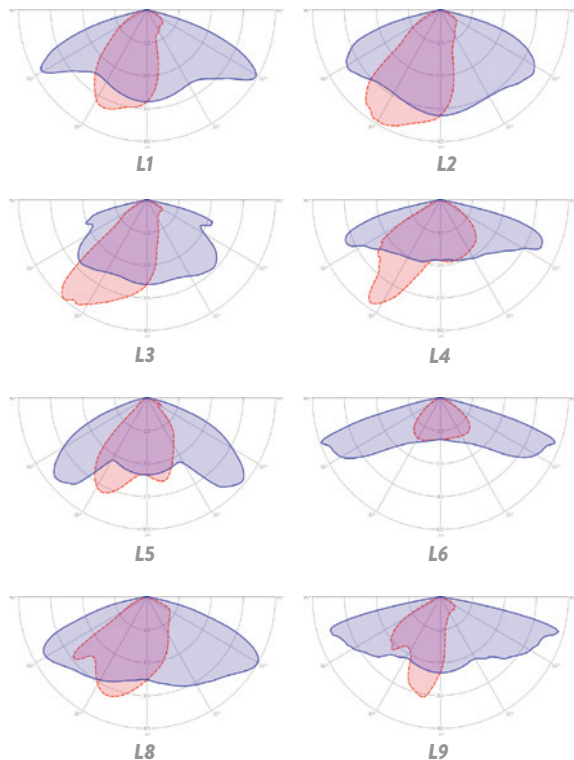
Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	730 x 301 x 136 mm
Product Weight	7,8 kg
Mounting Options	Post-top, Side-entry



LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes

S3 95



optional



certificates

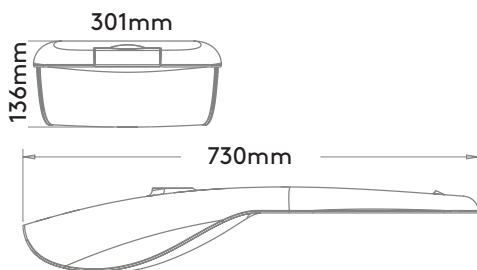


Optical and electrical features

Power	95 W
Colour Temperature	3000 / 4000 K
Lumen Output	11.000 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

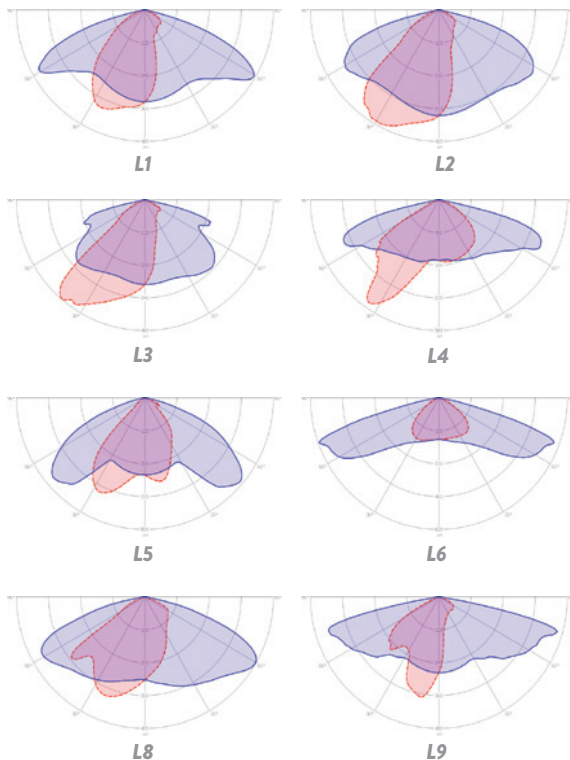
Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	730 x 301 x 136 mm
Product Weight	7,8 kg
Mounting Options	Post-top, Side-entry



LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes S3 78



IP66



IK08

optional



DALI



1-10V



SMART



NEMA



CLASS II



80+
CRI

certificates



CE



IEC/EN
55015
61547



IESNA
LM-79



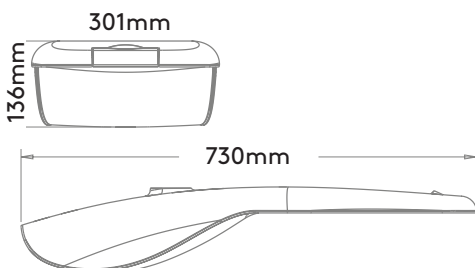
IESNA
LM-80

Optical and electrical features

Power	78 W
Colour Temperature	3000 / 4000 K
Lumen Output	9000 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

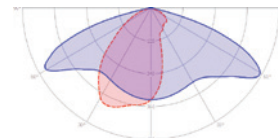
Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	730 x 301 x 136 mm
Product Weight	7,8 kg
Mounting Options	Post-top, Side-entry

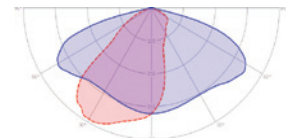


LIGHT CURVE

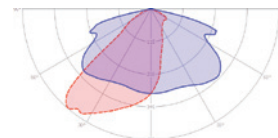
■ C0-C180 ■ C90-C270 cd/100lm



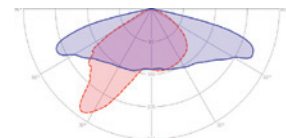
L1



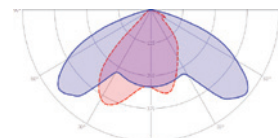
L2



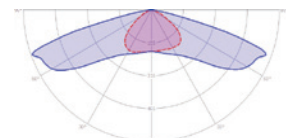
L3



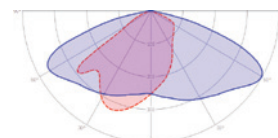
L4



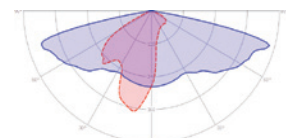
L5



L6



L8



L9

Street Light Sardes

S5H 60

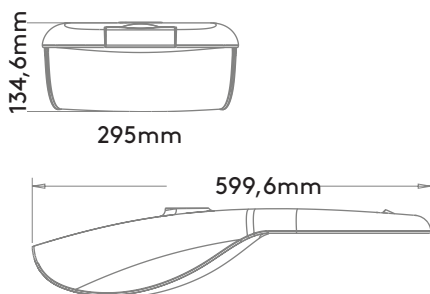


Optical and electrical features

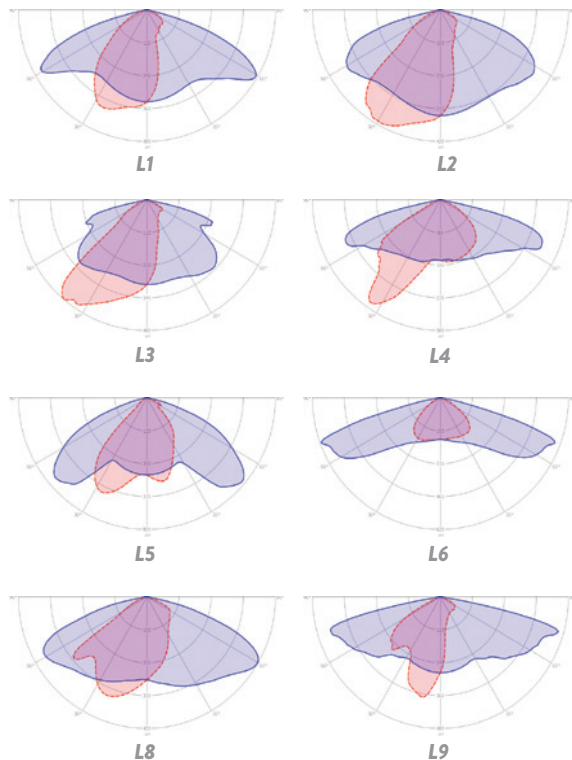
Power	60 W
Colour Temperature	3000 / 4000 K
Lumen Output	8400 lm
Efficacy	140 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

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



LIGHT CURVE ■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes S5 60



IP66



IK08

optional



DALI



1-10V



SMART



NEMA



CLASS II



80+
CRI

certificates



CE



RoHS



IEC/EN
55015
61547



IESNA
LM-79



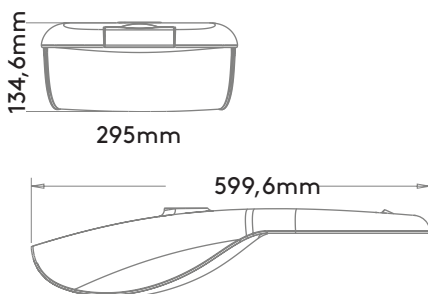
IESNA
LM-80

Optical and electrical features

Power	60 W
Colour Temperature	3000 / 4000 K
Lumen Output	7000 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

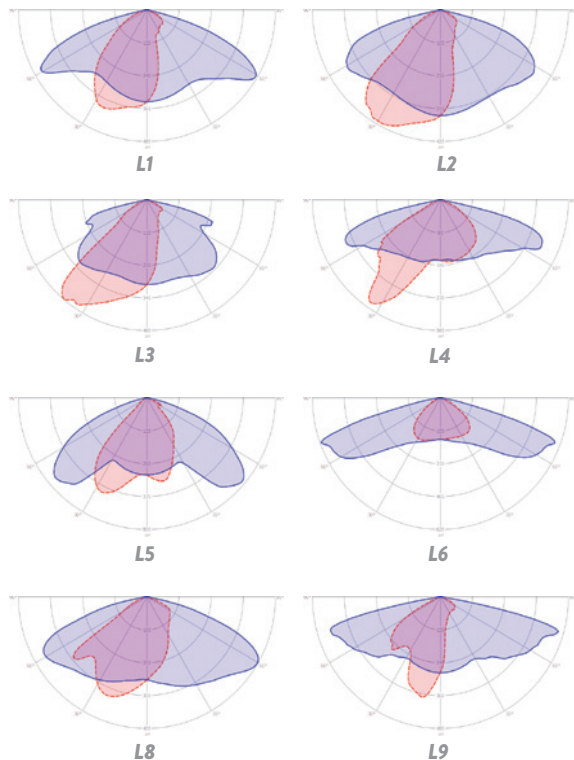
Mechanical features

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



LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



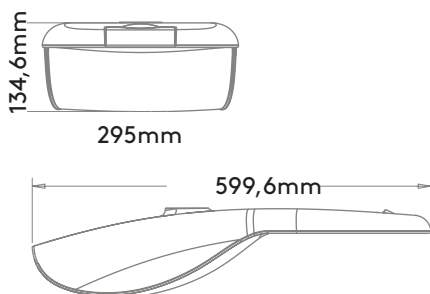
Street Light Sardes

S5H 35



Optical and electrical features

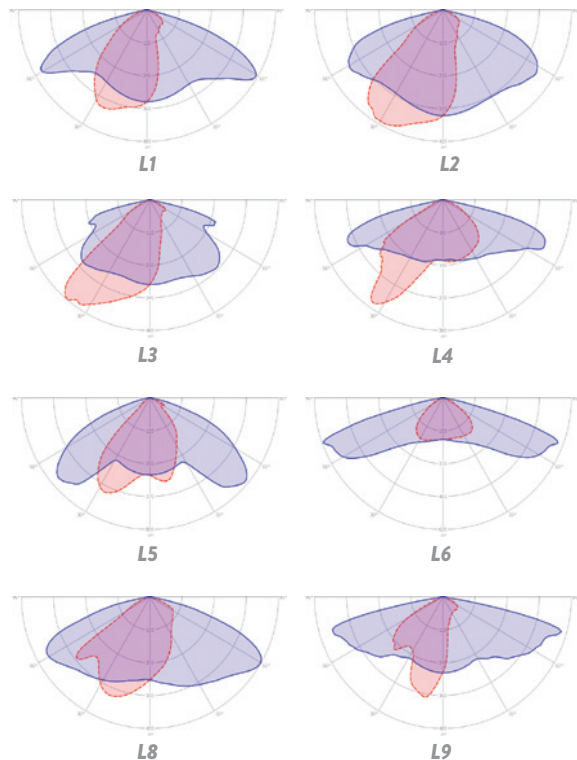
Power	35 W
Colour Temperature	3000 / 4000 K
Lumen Output	4900 lm
Efficacy	140 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08



Mechanical features

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

LIGHT CURVE ■ C0-C180 ■ C90-C270 cd/100lm



Street Light Sardes

S5 35



IP66



IK08

optional



DALI



1-10V



SMART



NEMA



CLASS II



80+
CRI

certificates



CE



RoHS



IEC/EN
55015
61547



IESNA
LM-79



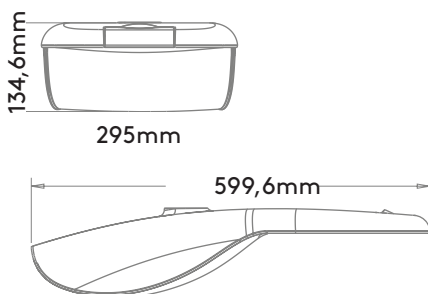
IESNA
LM-80

Optical and electrical features

Power	35 W
Colour Temperature	3000 / 4000 K
Lumen Output	4400 lm
Efficacy	125 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

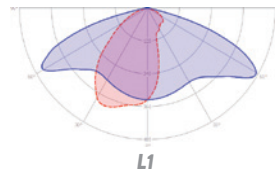
Mechanical features

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

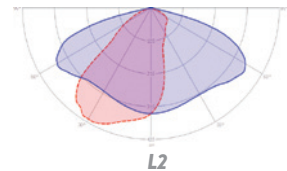


LIGHT CURVE

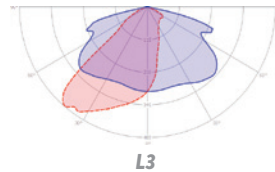
■ C0-C180 ■ C90-C270 cd/100lm



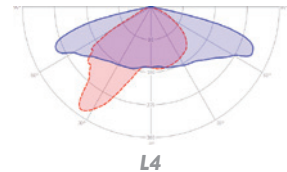
L1



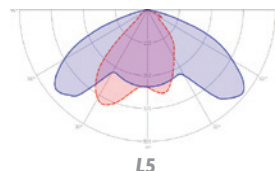
L2



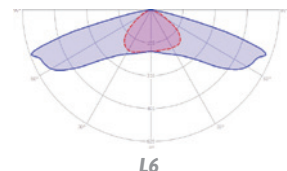
L3



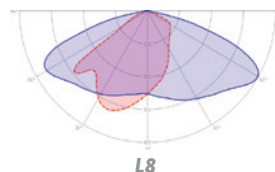
L4



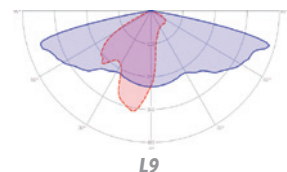
L5



L6



L8



L9

Street Light Sardes

S5 24



optional



certificates

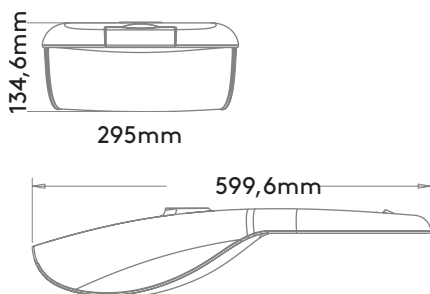


Optical and electrical features

Power	24 W
Colour Temperature	3000 / 4000 K
Lumen Output	2800 lm
Efficacy	116 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	200.000 Hours
IP Rating	IP66
IK Rating	IK08

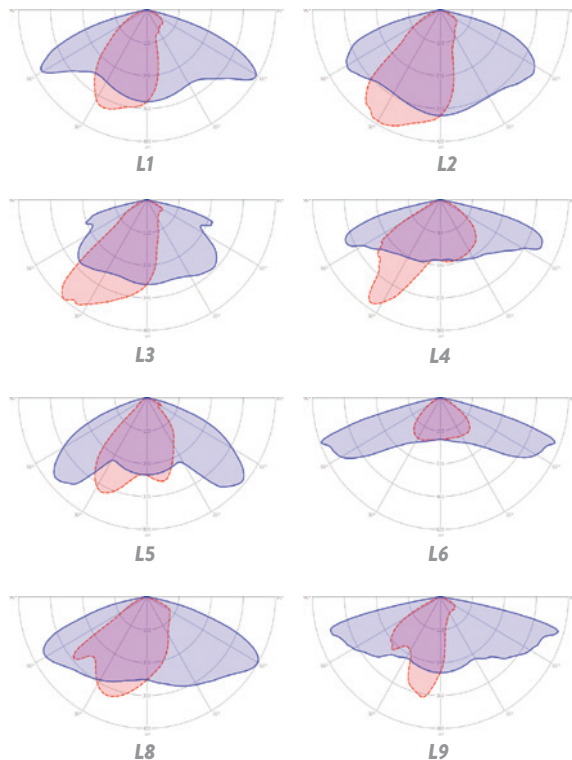
Mechanical features

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



LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Magnesia 90W



IP66



IK08

optional



1-10V

certificates



Optical and electrical features

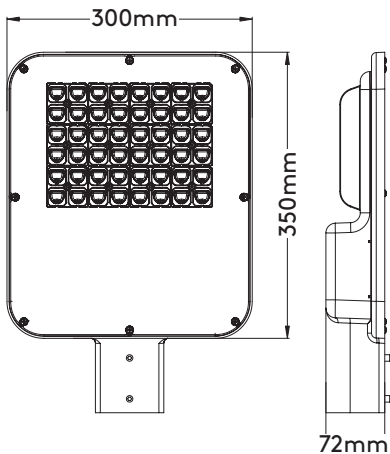
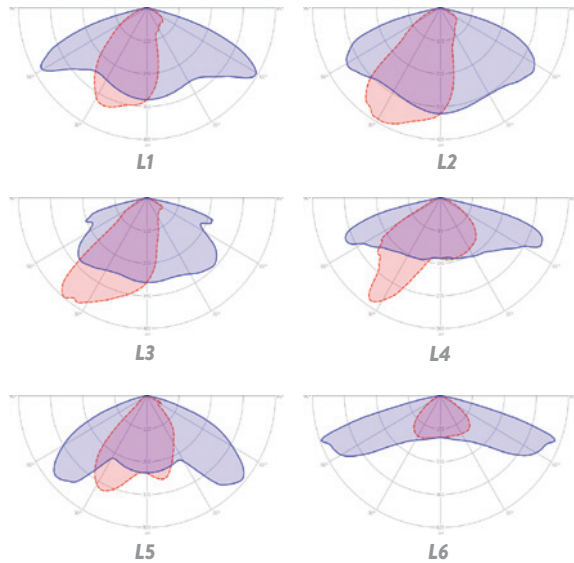
Power	90 W
Colour Temperature	4000 K
Lumen Output	12.000 lm
Efficacy	133 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	350 x 300 x 72 mm
Product Weight	3,5 kg
Mounting Options	Side-entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light Magnesia 60W



IP66



IK08

optional



1-10V

certificates

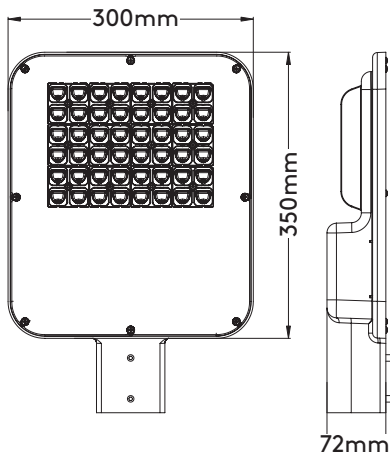


Optical and electrical features

Power	90 W
Colour Temperature	4000 K
Lumen Output	7200 lm
Efficacy	120 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP66
IK Rating	IK08

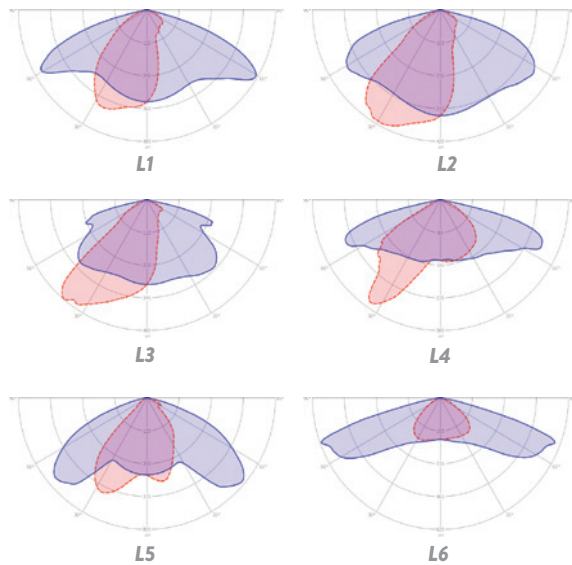
Mechanical features

Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	350 x 300 x 72 mm
Product Weight	3.5 kg
Mounting Options	Side-entry



LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Street Light **Street Fighter** 50W



IP66



IK08

certificates



Optical and electrical features

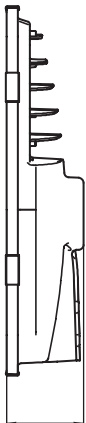
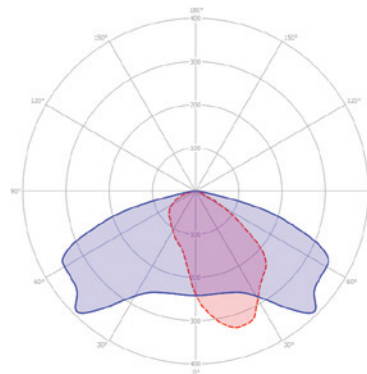
Power	50 W
Colour Temperature	4000 K
Lumen Output	5750 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	Optional
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

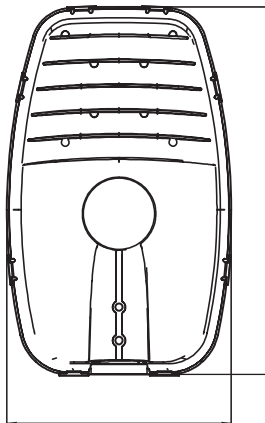
Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	80 x 230 x 378 mm
Product Weight	3 kg
Mounting Options	Side-entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



80mm



230mm

378mm

Street Light **Street Fighter** 30W



IP66



IK08

certificates



IEC/EN
60598

IEC/EN
55015
61547

IESNA
LM-79

IESNA
LM-80



Optical and electrical features

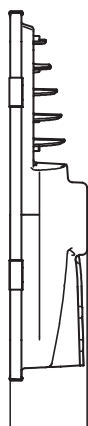
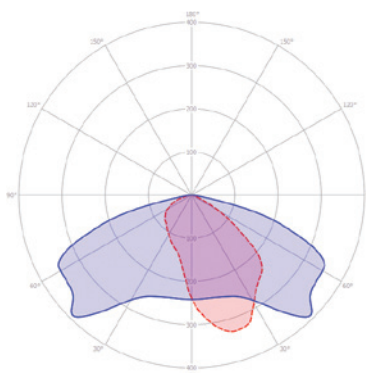
Power	30 W
Colour Temperature	4000 K
Lumen Output	3500 lm
Efficacy	115 lm/W
CRI	>70
Beam Angle	Asymmetric
Dimming	N/A
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK08

Mechanical features

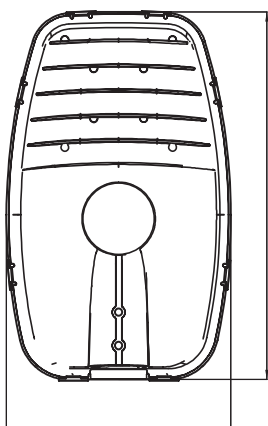
Operating Temperature	-40 °C – +50 °C
Dimensions (LxWxH)	80 x 230 x 378 mm
Product Weight	3 kg
Mounting Options	Side-entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



80mm



230mm

378mm

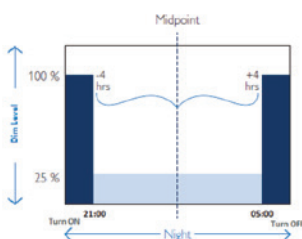
Smart Lighting

1. Autodimmer

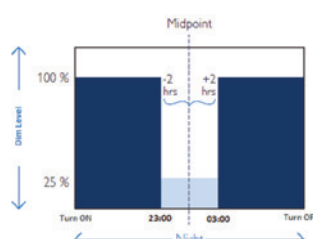
AutoDimmer is an external, stand alone dimming control device developed by Vestel that enables a simple, automatic dimming. AutoDimmer reduces the power consumption of outdoor LED luminaires in a variety of preset or custom scenarios. This stand-alone solution allows owners to operate a greener business,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

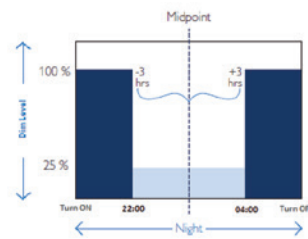
SAFE 50 MODE



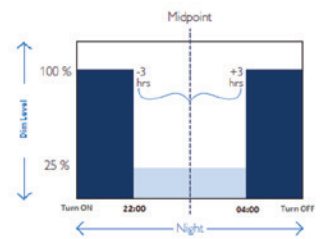
SAFE 75 MODE



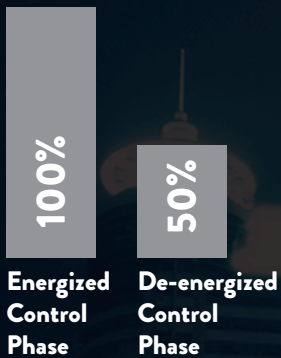
BALANCE 25 MODE



ECO MODE



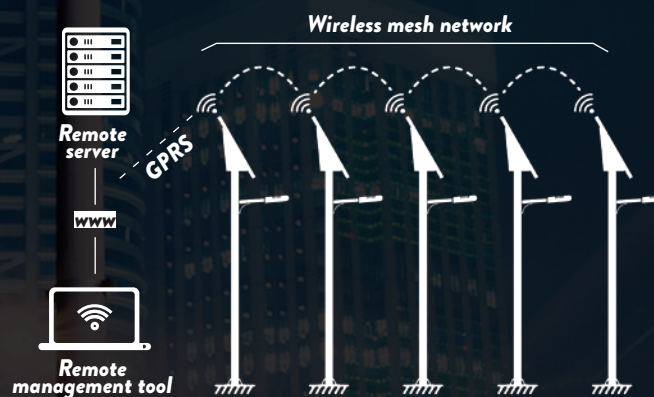
2. Half night switch (hns)



HNS is a phase controlled dimming system that enables owners energy-saving. HNS control unit allows bi-level control of driving current of LEDs in luminaire. Current level of LEDs in luminaire is controlled by second phase that will be connected

to control device. When the control phase is energized, the LED current is at 100% level and when the control phase is de-energized, the LED current decreases to 50% level (or another level requested).

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

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

4. 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

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



Garden Pole

Applications



Park and Garden



Pedestrian Way



Cycle Track



Light

17 W

29 W

41 W

Garden Pole Light 17 W



certificates



Optical and electrical features

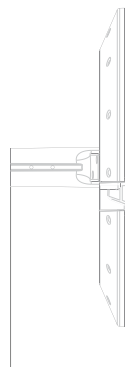
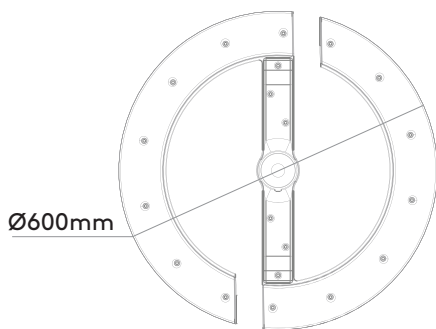
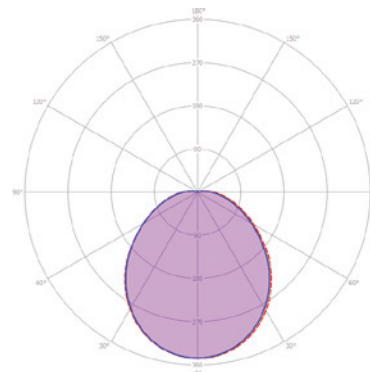
Power	17 W
Colour Temperature	3000 / 4000 / 6500 K
Lumen Output	1600 lm
Efficacy	94 lm/W
CRI	>80
Beam Angle	115°
Dimming	N/A
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +50°C
Dimensions (LxWxH)	Ø600 x 215,6 mm
Product Weight	6 kg
Mounting Options	Post-top entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Garden Pole Light 29 W



certificates



Optical and electrical features

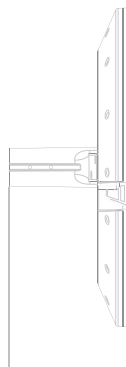
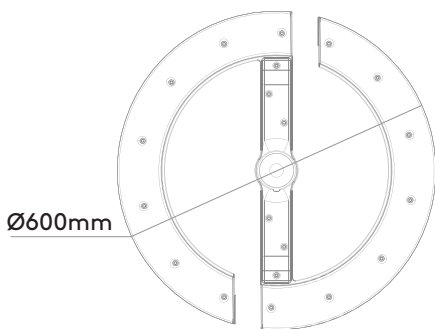
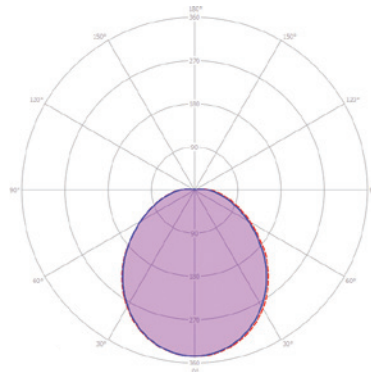
Power	29 W
Colour Temperature	3000 / 4000 / 6500 K
Lumen Output	2600 lm
Efficacy	90 lm/W
CRI	>80
Beam Angle	115°
Dimming	N/A
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +50°C
Dimensions (LxWxH)	Ø600 x 215,6 mm
Product Weight	6 kg
Mounting Options	Post-top entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



215,6mm

Garden Pole Light 41 W



certificates



Optical and electrical features

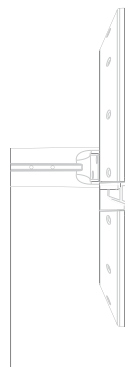
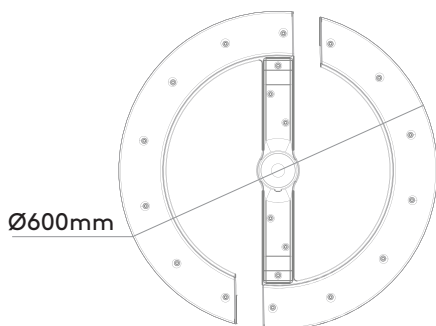
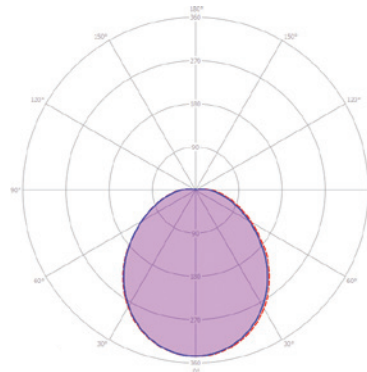
Power	41 W
Colour Temperature	3000 / 4000 / 6500 K
Lumen Output	3500 lm
Efficacy	85 lm/W
CRI	>80
Beam Angle	115°
Dimming	N/A
Life Time (L70)	50.000 Hours
IP Rating	IP66
IK Rating	IK07

Mechanical features

Operating Temperature	-40°C – +50°C
Dimensions (LxWxH)	Ø600 x 215,6 mm
Product Weight	6 kg
Mounting Options	Post-top entry

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm





Flood Light

Applications



Stadium



Tennis Court



Parking Lot



Port



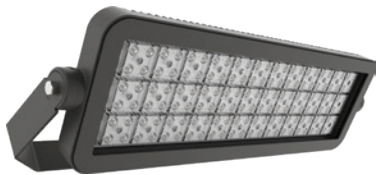
Airport



Tunnel



Park and Garden



1M
300 W



2M
600 W



3M
900 W

Flood Light

1M 300 W



IP65



IK08

optional



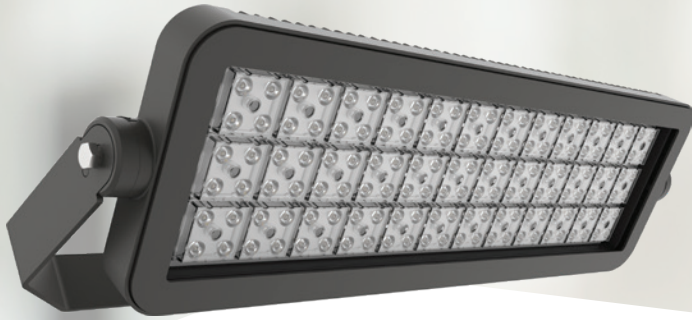
DALI



SMART



certificates

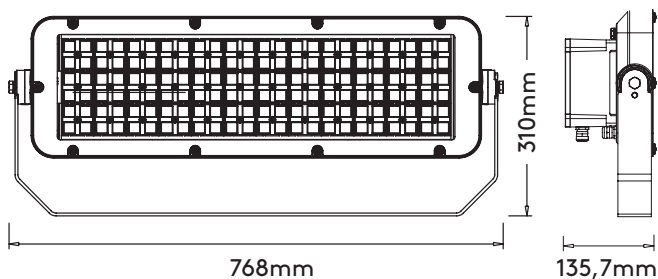


Optical and electrical features

Power	300 W
Colour Temperature	4000 / 5700 K
Lumen Output	40.000 lm
Efficacy	133 lm/W
CRI	>70
Beam Angle	15° / 25° / 30° / 50° A1 / Oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP65
IK Rating	IK08

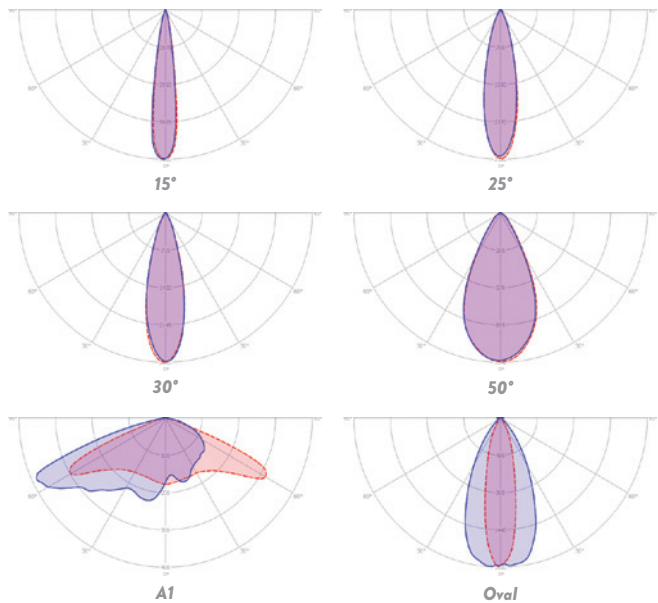
Mechanical features

Operating Temperature	-40 °C – +40 °C
Dimensions (LxWxH)	768 x 135,7 x 310 mm
Product Weight	19 kg
Mounting Options	U-Bracket



LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Flood Light

2M 60t0 W



IP65



IK08

optional



DALI



SMART



90+
CRI



80+
CRI

certificates



Optical and electrical features

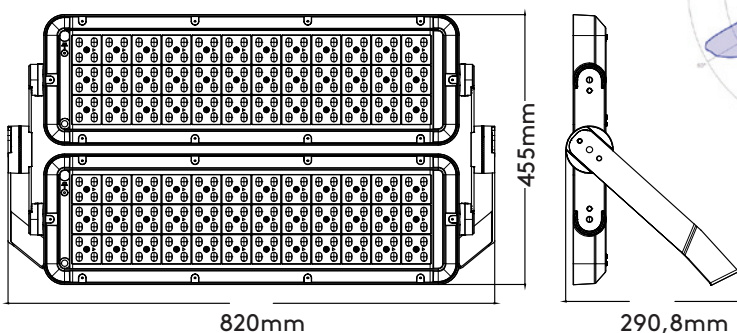
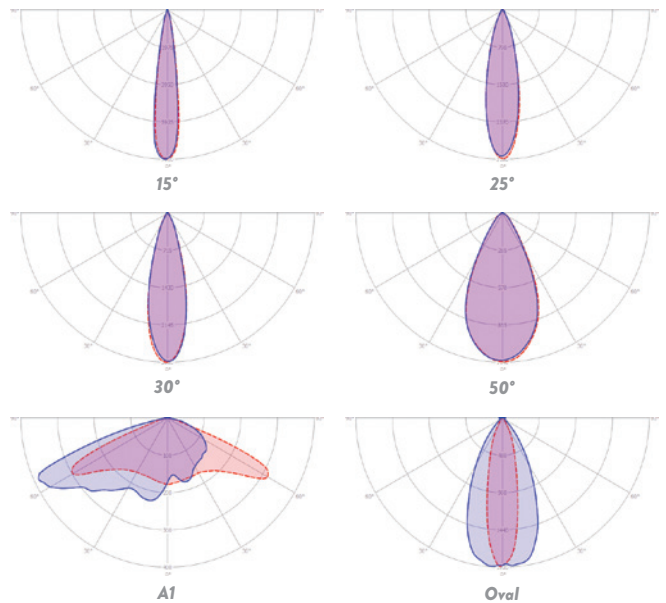
Power	600 W
Colour Temperature	4000 / 5700 K
Lumen Output	80.000 lm
Efficacy	133 lm/W
CRI	>80
Beam Angle	15° / 25° / 30° / 50° A1 / Oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP65
IK Rating	IK08

Mechanical features

Operating Temperature	-40 °C – +40 °C
Dimensions (LxWxH)	820 x 455 x 290,8 mm
Product Weight	29 kg
Mounting Options	U-Bracket

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Flood Light

3M 900 W



IP65



IK08

optional



DALI



SMART



90+
CRI



80+
CRI

certificates



Optical and electrical features

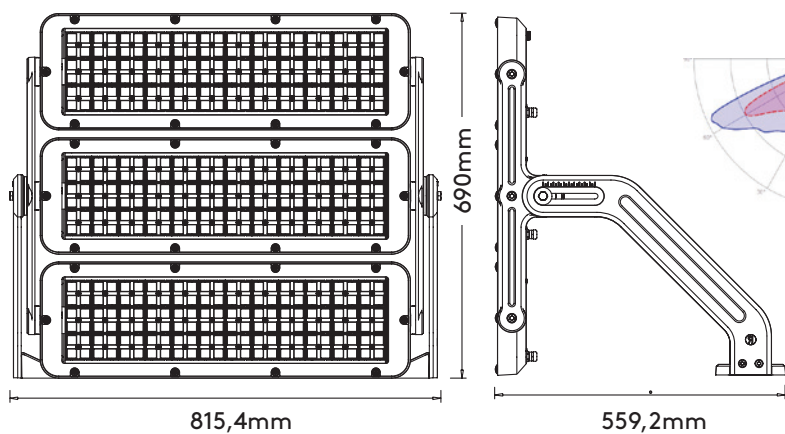
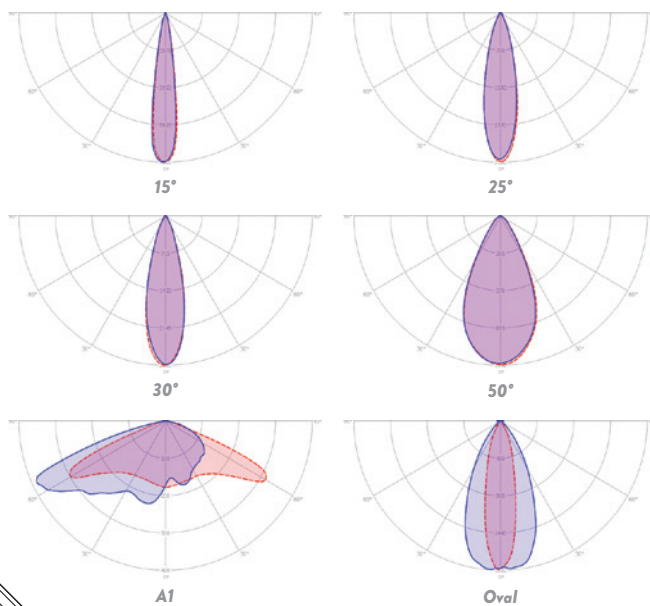
Power	900 W
Colour Temperature	4000 / 5700 K
Lumen Output	120.000 lm
Efficacy	133 lm/W
CRI	>80
Beam Angle	15° / 25° / 30° / 50° A1 / Oval
Dimming	Optional
Life Time (L70)	100.000 Hours
IP Rating	IP65
IK Rating	IK08

Mechanical features

Operating Temperature	-40 °C – +40 °C
Dimensions (LxWxH)	815,4 x 559,2 x 690 mm
Product Weight	35 kg
Mounting Options	U-Bracket

LIGHT CURVE

■ C0-C180 ■ C90-C270 cd/100lm



Vestel Trade Co.

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