



# Product Catalog



We Distribute Our  
Products And  
Services In More  
Than 15 Countries  
Worldwide.







# CATALOG CONTENTS

03

About Us

05

Avior Led Tube

12

Acrux Linear Light

27

Alpha Led Panel

36

Zeta Down Light

53

Lota Down Light

66

Sirius Down Light

77

Suhail Strip Light

92

Vega High Bay

107

Canopus Canopy

114

Sigma Flood Light

129

Rigel Flood Light RGB

142

Gamma Flood Light

149

Procyon Explosion Proof Light

156

Merak Street Light

174

Solana UV Sterilizer Light





# ABOUT GRUENES LICHT

## OUR HISTORY

Based on decades of experiences in manufacturing light products, Gruenes Licht has inaugurated its new manufacturing facilities in Vienna city – Austria. Inspired by new LED trailblazing light technologies. Our objective became very straightforward; to become the supplier of the ideal Product & Solution in the field of lighting and Smart lighting control.

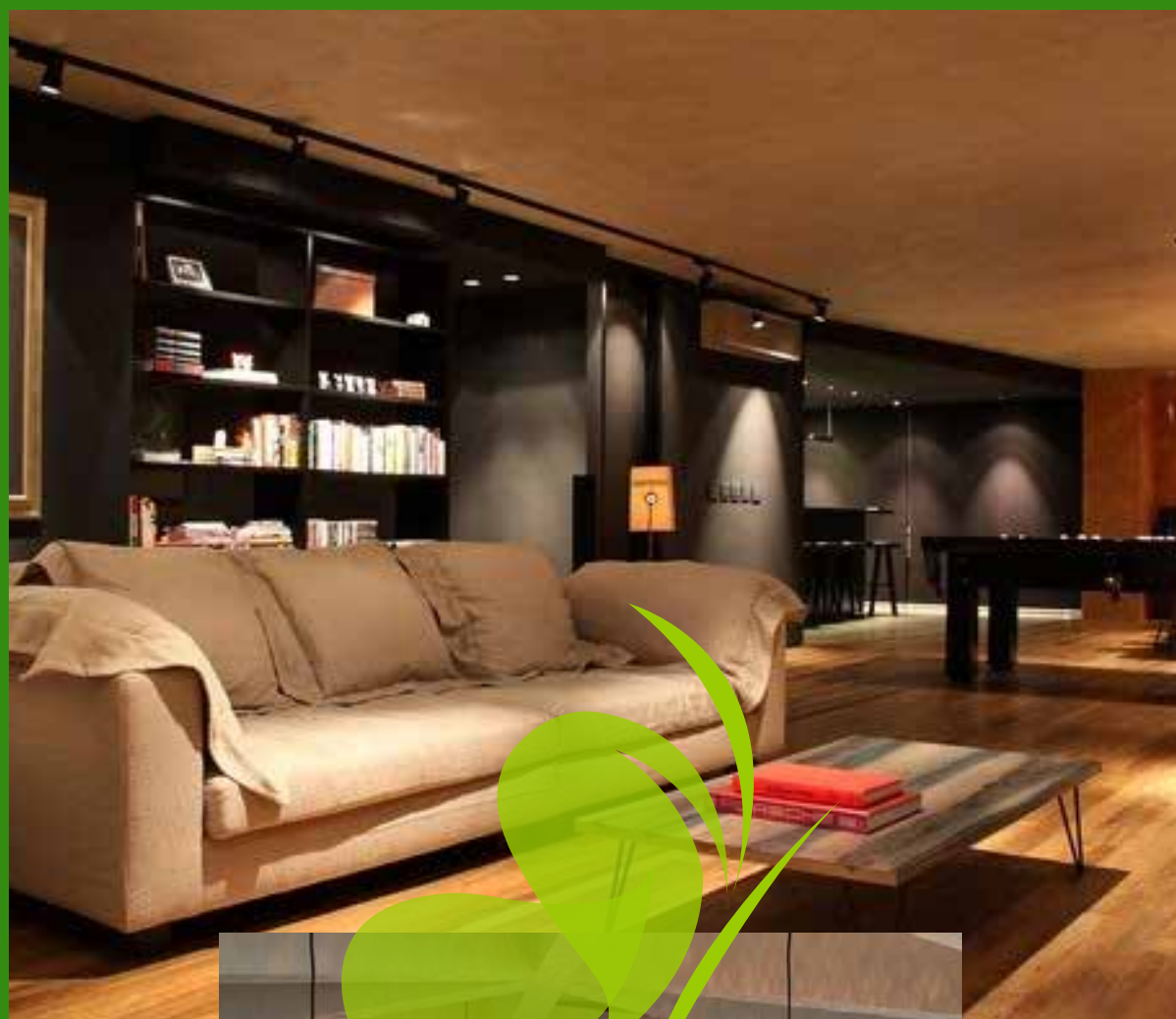
Pursuing towards manufacturing piece of art LED products, Gruenes Licht has developed groundbreaking LED fixtures that designed to work in a very harsh and hot environment.

## REASON OF OUR EXCELLENCE

Gruenes Licht not only constructs LED Lighting products, but also provide turnkey solutions for instance; Design, Research & Development, Produce, inspect, lighting study, lighting distribution, training and after sales services.

## EXPERTISE & CAPABILITIES

Thanks to the strong background knowledge in both control systems and LED lighting Industry, Gruenes Licht offers level service that is simply unparalleled with any other company. We don't only propose our standard products to our clients, but we also, develop and design a deeply custom-made products to meet our client needs.



## OUR BACKGROUND

We distribute our products and services in more than 15 countries worldwide.

## WARRANTY

All Gruenes Licht products have up to 5-year warranty

## QUALITY ASSURANCE

Gruenes Licht has its own laboratory to perform photometric tests; to ensures that our manufactured products are at the highest standards of quality and meet the requirements of our customers. In order to perform this, we apply comprehensive systems so that our manufacturing process is carried out in compliance with top highest local and international Standards.

## MADE IN AUSTRIA

One of the most important Gruenes Licht value is to keep as close as possible to its mother country ; Austria.

## DESIGNED IN AUSTRIA

Our products are designed by talented and experienced engineers in our head office in Vienna, Austria.

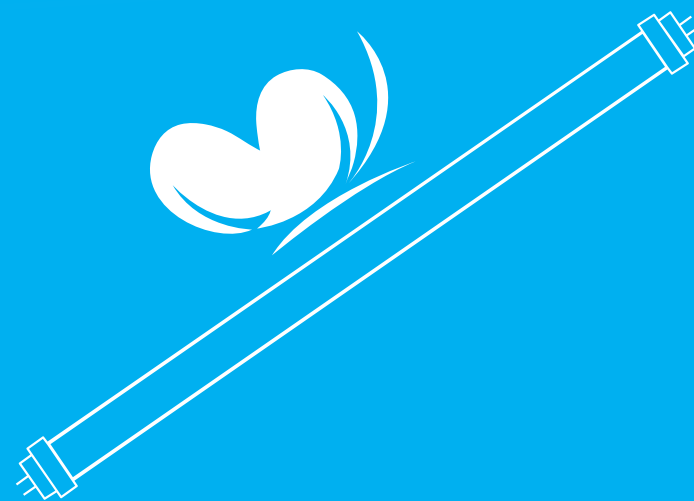
## QUALITY PRODUCTIONS

For Gruenes Licht to be able to fully generate its own productions as well as being a guarantee of success is a fact that feels with pride and is unquestionably a tangible sign of High Quality. Appreciated in different international market and highly sought after by abroad clientele.

FIND US ONLINE

[www.gruenes-licht.at](http://www.gruenes-licht.at)



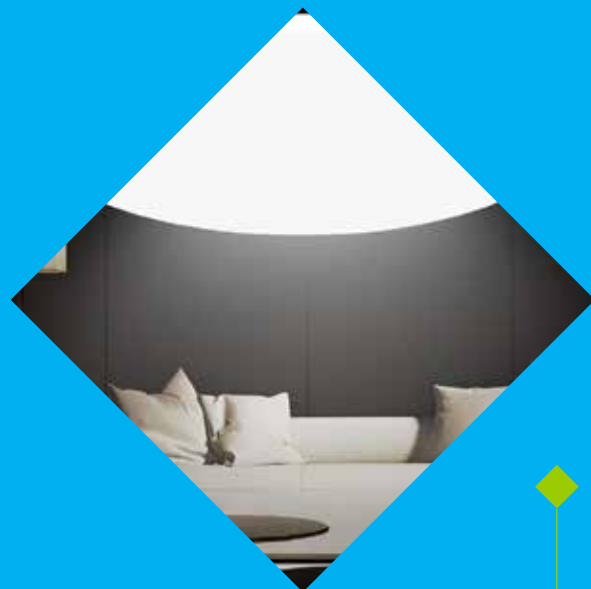
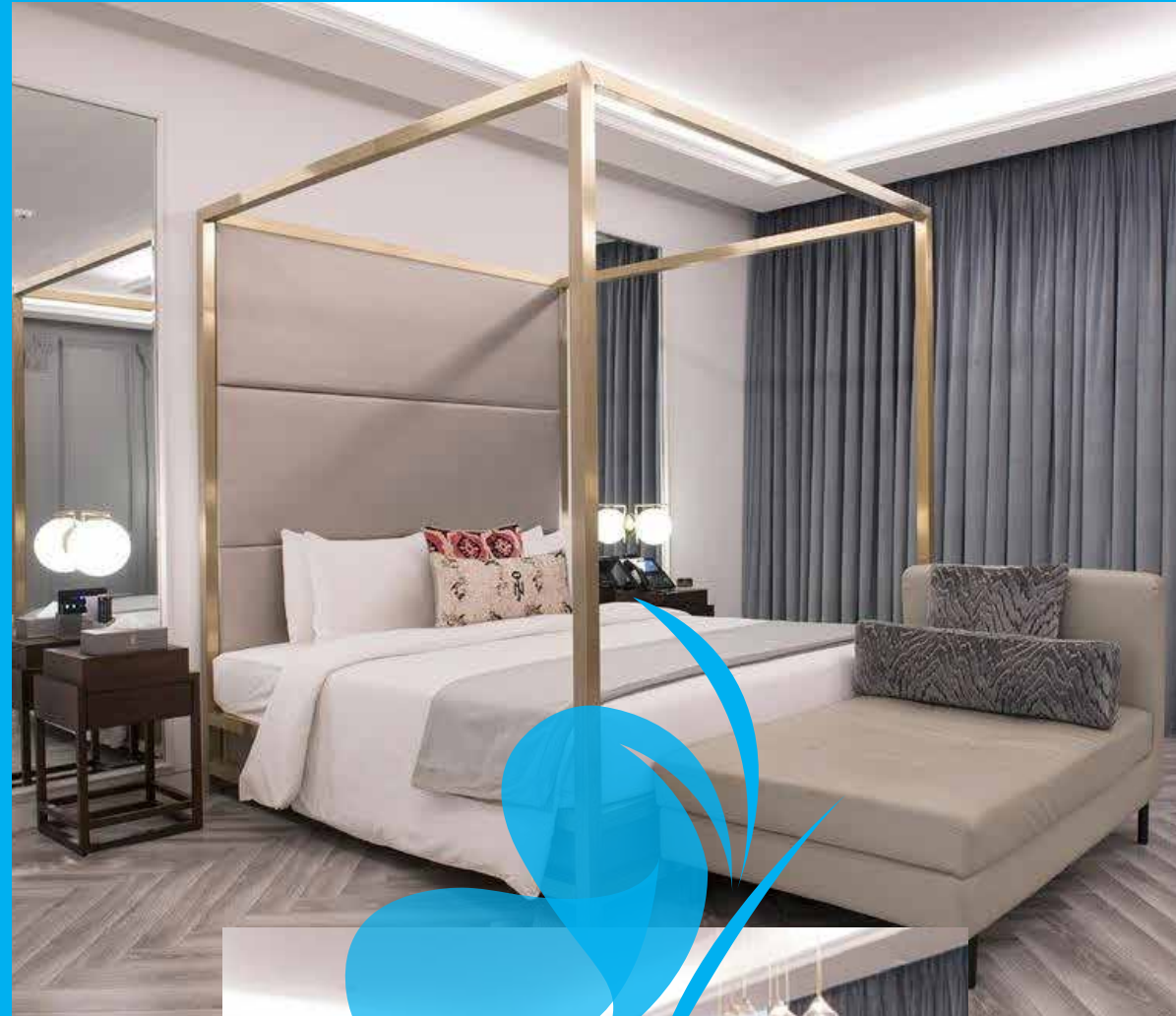


# AVIOR LED Tube



# APPLICATION

Villas, Palaces, Hotels, Shopping, Malls, Universities, Offices and Stores



# FEATURES

Avior Family is used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human, the environment and do not cause electromagnetic interference. Also do not cause any flickering.

High power saving fixture, no decay and color temperature shift







# Avior LED Tube

## FEATURES

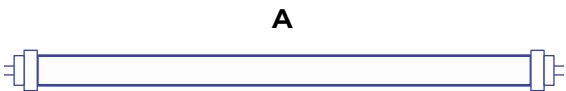
- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the fluorescent so it save between 30% to 65% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options.
- ◆ Long life 50000 Hours.
- ◆ Up to five years warranty.

## PRODUCT APPLICATION

Factory, Office, School, Hospital, Pharmacy, Green House, Car Park Warehouse, Restaurant, general lighting etc...

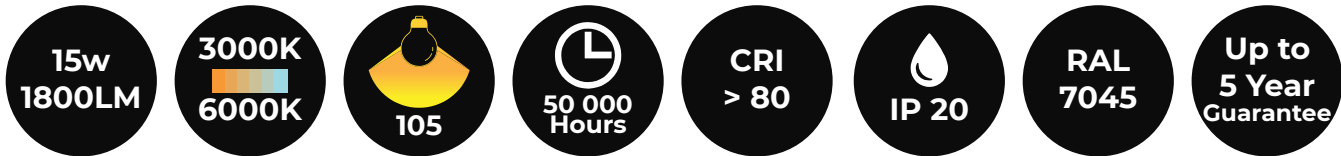


PRODUCT DIMENSION	
Model	A mm
AVI-LT-15-XX	120

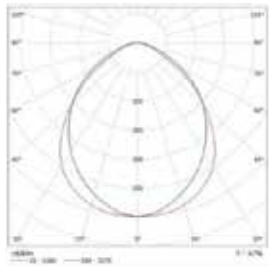


## PRODUCT DETAILS

Family Name	Avior
Part Number	AVI-LT-15-XX
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	Replace fluorescent lamps
Power	15W
Color Rendering Index CRI	80%
Beam Angle	105°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	1800 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
AVI-LT-15-3000	3000K	15W
AVI-LT-15-4000	4000K	15W
AVI-LT-15-6000	6000K	15W

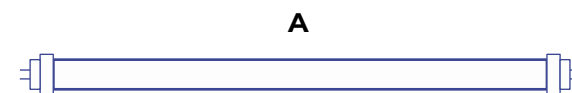
## Avior LED Tube

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the fluorescent so it save between 30% to 65% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options.
- ◆ Long life 50000 Hours.
- ◆ Up to five years warranty.

### PRODUCT APPLICATION

Factory, Office, School, Hospital, Pharmacy, Green House, Car Park Warehouse, Restaurant, general lighting etc...

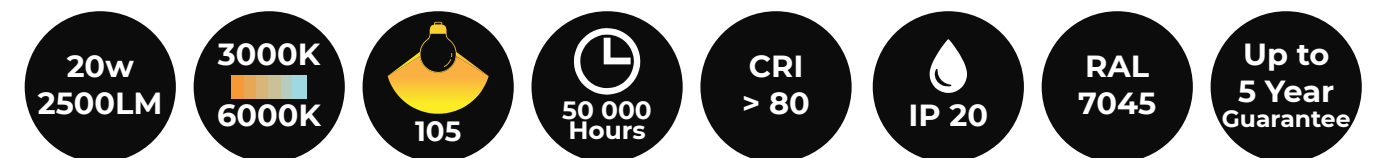


### PRODUCT DIMENSION

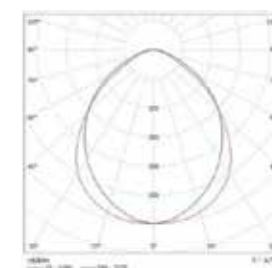
Model	A mm
AVI-LT-20-XX	120

### PRODUCT DETAILS

Family Name	Avior
Part Number	AVI-LT-20-XX
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	Replace fluorescent lamps
Power	20W
Color Rendering Index CRI	80%
Beam Angle	105°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	2500 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



Order Code	Color Temperature	LED Power
AVI-LT-20-3000	3000K	20W
AVI-LT-20-4000	4000K	20W
AVI-LT-20-6000	6000K	20W





ACRUX  
Linear Light



# APPLICATION

Schools, Offices, Universities, Malls, Supermarkets, Special design for hotels and palaces.



# FEATURES

Acrux family is used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human and the environment.

Available with different sizes and power rating. Also available with all mounting options (Recessed, staff fitting frame, suspended, surface mounted (Wall, ceiling)).

High power saving fixture, no decay and color temperature shift.

Can be dimmable (through direct control or via network) and not dimmable.



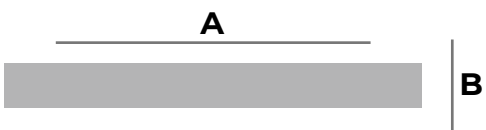
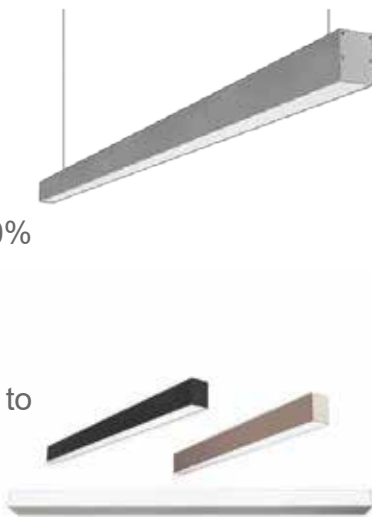




# Acrux Linear Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9. Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



### PRODUCT DIMENSION

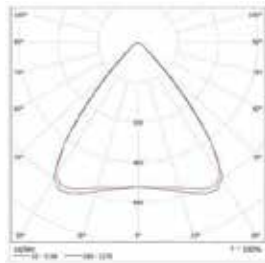
Model	A mm	B mm
ACR-ALL-15W-XX-SMD-T	1000	80

## PRODUCT DETAILS

Family Name	Acrux
Part Number	ACR-ALL-15W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed, suspended, surface mounted
Power	15W
Color Rendering Index CRI	80%
Beam Angle	155°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	1875 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
ACR-ALL-15W-3000-SMD-T	3000K	15W
ACR-ALL-15W-4000-SMD-T	4000K	15W
ACR-ALL-15W-6000-SMD-T	6000K	15W

# Acrux Linear Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9. Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



### PRODUCT DIMENSION

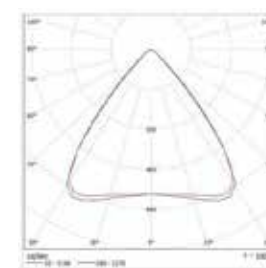
Model	A mm	B mm
ACR-ALL-30W-XX-SMD-T	1000	80

## PRODUCT DETAILS

Family Name	Acrux
Part Number	ACR-ALL-30W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed, suspended, surface mounted
Power	30W
Color Rendering Index CRI	80%
Beam Angle	155°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	3750 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
ACR-ALL-30W-3000-SMD-T	3000K	30W
ACR-ALL-30W-4000-SMD-T	4000K	30W
ACR-ALL-30W-6000-SMD-T	6000K	30W



# Acrux Linear Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9. Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



### PRODUCT DIMENSION

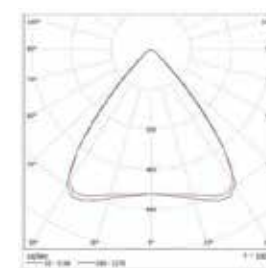
Model	A mm	B mm
ACR-ALL-45W-XX-SMD-T	1000	80

## PRODUCT DETAILS

Family Name	Acrux
Part Number	ACR-ALL-45W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed, suspended, surface mounted
Power	45W
Color Rendering Index CRI	80%
Beam Angle	155°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	5625 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
ACR-ALL-45W-3000-SMD-T	3000K	45W
ACR-ALL-45W-4000-SMD-T	4000K	45W
ACR-ALL-45W-6000-SMD-T	6000K	45W



# Acrux HB Linear Light

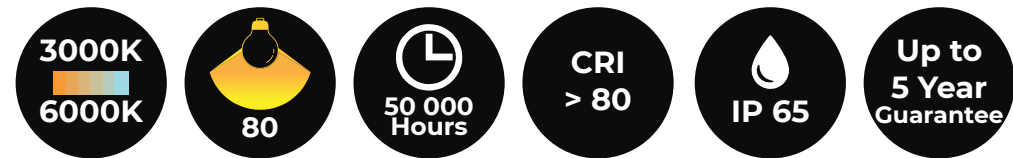
## FEATURES

- ◆ Fixture designed for High Bay Installation.
- ◆ Stylish design with streamlined and visually appealing appearance.
- ◆ Free from streaks and striations, the built in glare control maintains high quality light without compromising comfort.
- ◆ A variety of symmetrical and asymmetrical optics with rectangular and circular patterns.
- ◆ The Driver is included, and PF>0.92. (Dimming as option).
- ◆ 50000 Hours.
- ◆ Up to five years warranty.



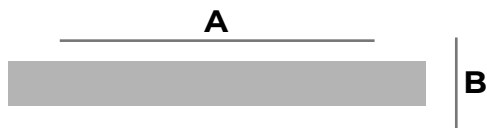
## PRODUCT DETAILS

Family Name	Acrux
Part Number	ACR-BLL-XW-XXXX
Materials	Powder Coated structure, Polycarbonate Finish
Power Supply	Philips/Gruenes licht/Meanwell/Tridonic
Installation	Suspended, surface mounted
Power	100W/150W/200W
Color Rendering Index CRI	70/80%
Beam Angle	130°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	Citizen/Philips/Tridonic
Flux	13,000/21,000/28,000 Lum
Correlated Color Temperature CCT	3000 /4000 / 5000K
Warranty	Up to 5 Years



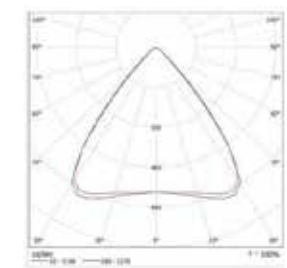
## PRODUCT APPLICATION

Parking Areas, Factory, Warehouse, Mosque  
General Lighting etc....



PRODUCT DIMENSION		
Model	A mm	B mm
ACR-BLL-100W-XXXX	562	125
ACR-BLL-150W-XXXX	806	125
ACR-BLL-200W-XXXX	1050	125

## BEAM ANGLE



Order Code	Color Temperature	LED Power
ACR-BLL-100W-XXXX	3000/4000/5000K	100W
ACR-BLL-150W-XXXX	3000/4000/5000K	150W
ACR-BLL-200W-XXXX	3000/4000/5000K	200W



# Acrux HB-G2 Linear Light

## FEATURES

- ◆ Fixture designed for High Bay Installation.
- ◆ Lens; PMMA material, excellent transparency.
- ◆ Low UGR design, UGR<25.
- ◆ Anti- corrosion, anti-oxidation the heat sink and end cap are powder coating, its could help to resist corrosion and oxidation, and applicable in various environment.
- ◆ Long lifespan driver, the uncovered driver could decrease the affection of heat radiation from the lamp body, which guarantee, the life span of driver.
- ◆ The Driver is included, and PF>0.92. (Dimming as option).
- ◆ Easy to clean up, both end cap of varilinear are friendly hollow-out.
- ◆ 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Parking Areas, Factory, Warehouse, Mosque  
General Lighting etc....

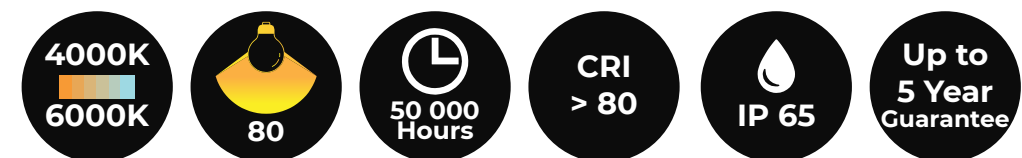


### PRODUCT DIMENSION

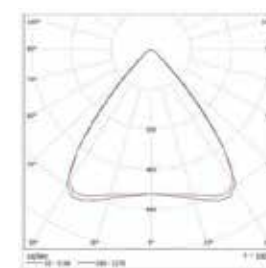
Model	A mm	B mm
ACR-ALL-100W-XXXX	580	85.5
ACR-ALL-150W-XXXX	855	85.5
ACR-ALL-200W-XXXX	1130	85.5

## PRODUCT DETAILS

Family Name	Acrux
Part Number	ACR-ALL-XW-XXXX
Materials	PMMA Material
Power Supply	Philips/Gruenes licht/Meanwell/Tridonic
Installation	Suspended, surface mounted
Power	100W/150W/200W
Color Rendering Index CRI	80%
Beam Angle	Asymmetric 30*80°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	Citizen/Philips/Tridonic
Flux	13,000/21,000/28,000 Lum
Correlated Color Temperature CCT	4000 / 5000K
Warranty	Up to 5 Years



## BEAM ANGLE



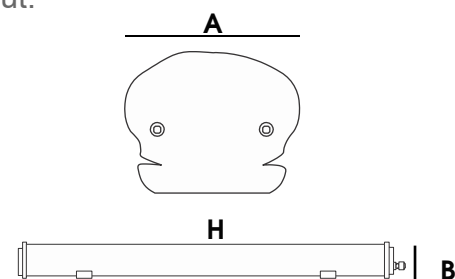
Order Code	Color Temperature	LED Power
ACR-ALL-100W-XXXX	4000/5000K	100W
ACR-ALL-150W-XXXX	4000/5000K	150W
ACR-ALL-200W-XXXX	4000/5000K	200W



# Acrux WP Linear Light

## FEATURES

- ◆ Fixture designed for High Bay Installation.
- ◆ Lens; PMMA material, excellent transparency.
- ◆ Low UGR design, UGR<25.
- ◆ Anti- corrosion, anti-oxidation the heat sink and end cap are powder coating, its could help to resist corrosion and oxidation, and applicable in various environment.
- ◆ Long lifespan driver, the uncovered driver could decrease the affection of heat radiation from the lamp body, which guarantee, the life span of driver.
- ◆ The Driver is included, and PF>0.92. (Dimming as option).
- ◆ Easy to clean up, both end cap of varilinear are friendly hollow-out.
- ◆ 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



### PRODUCT DIMENSION

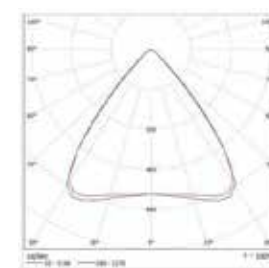
Model	A mm	B mm	H mm
ACR-WPL-30W-XX-SMD-T	84	74	1274

## PRODUCT DETAILS

Family Name	Acrux
Part Number	ACR-WPL-30W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed, suspended, surface mounted
Power	30W
Color Rendering Index CRI	80%
Beam Angle	155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	3750 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
ACR-WPL-30W-3000-SMD-T	3000K	30W
ACR-WPL-30W-4000-SMD-T	4000K	30W
ACR-WPL-30W-6000-SMD-T	5000K	30W





ALPHA  
LED Panel



# APPLICATION

Schools, Offices, Universities, Malls, Supermarkets, Special design for hotels and palaces.



# FEATURES

Alpha Family is used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human and the environment.

Available with different sizes and power rating.

Also available with all mounting options (Recessed, staff fitting frame, suspended, surface mounted (wall, ceiling)).

No glare and no heat under the fixture and can stay 15 years without maintenance. High power saving fixture, no decay and color temperature shift.

Can be dimmable (through direct control or via network) and not dimmable.





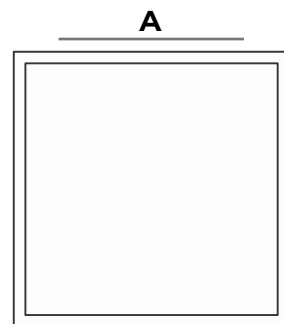
# Alpha LED Panel

## PRODUCT DETAILS

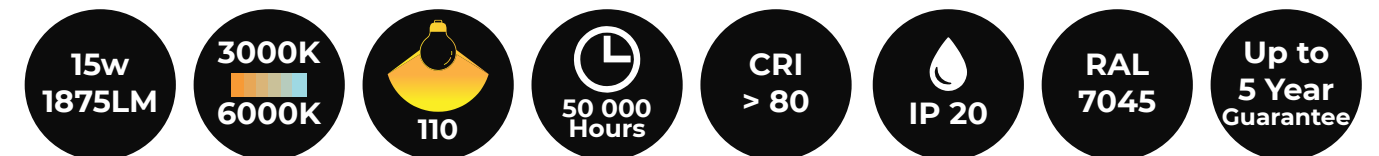
Family Name	Alpha
Part Number	ALP-LPFB-15W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed Mounting
Power	15W
Color Rendering Index CRI	80%
Beam Angle	110°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	1875 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9. Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## BEAM ANGLE

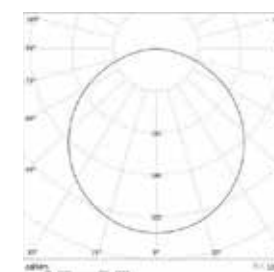


## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

### PRODUCT DIMENSION

Model	A mm	B mm
ALP-LPEB-15W-XX-SMD-T	300	300



Order Code	Color Temperature	LED Power
ALP-LPFB-15W-3000-SMD-T	3000K	15W
ALP-LPFB-15W-4000-SMD-T	4000K	15W
ALP-LPFB-15W-6000-SMD-T	6000K	15W



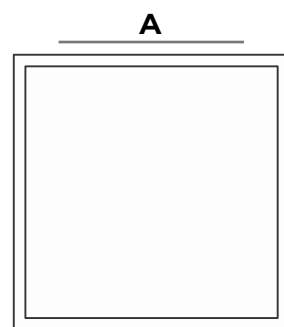
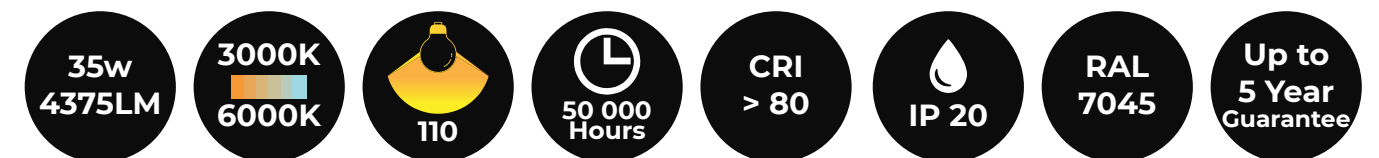
# Alpha LED Panel

## PRODUCT DETAILS

Family Name	Alpha
Part Number	ALP-LPFB-35W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed Mounting
Power	35W
Color Rendering Index CRI	80%
Beam Angle	110°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	4375 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9. Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



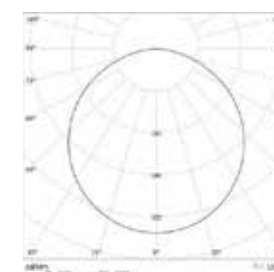
## BEAM ANGLE

## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

### PRODUCT DIMENSION

Model	A mm	B mm
ALP-LPEB-35W-XX-SMD-T	600	600



Order Code	Color Temperature	LED Power
ALP-LPFB-35W-3000-SMD-T	3000K	35W
ALP-LPFB-35W-4000-SMD-T	4000K	35W
ALP-LPFB-35W-6000-SMD-T	6000K	35W





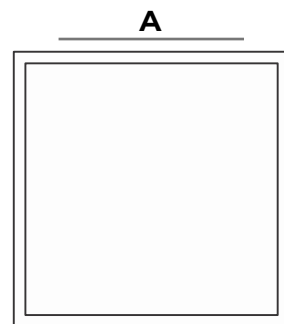
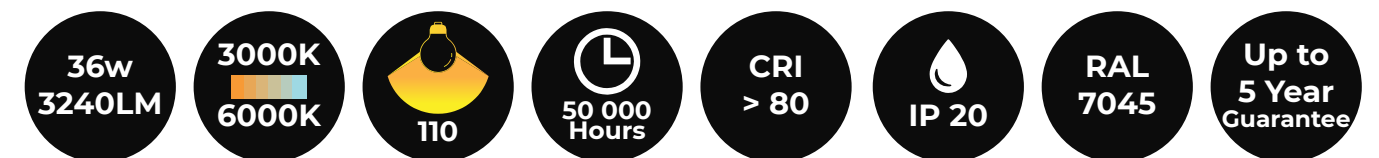
# Alpha LED Panel

## PRODUCT DETAILS

Family Name	Alpha
Part Number	ALP-LPE-36W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed Mounting
Power	36W
Color Rendering Index CRI	80%
Beam Angle	110°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	90/100 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	3240 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9. Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



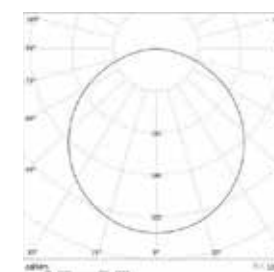
## BEAM ANGLE

## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

### PRODUCT DIMENSION

Model	A mm	B mm
ALP-LPE-36W-XX-SMD-T	600	600



Order Code	Color Temperature	LED Power
ALP-LPE-36W-3000-SMD-T	3000K	36W
ALP-LPE-36W-4000-SMD-T	4000K	36W
ALP-LPE-36W-6000-SMD-T	6000K	36W





# ZETA Down Light





# APPLICATION

Villas, Palaces, Apartment, Hotels, Restaurants, Shopping Areas, Building and Offices.



# FEATURES

Zeta family is used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human and the environment.

High power saving fixture, no decay and color temperature shift.

Can be dimmable (through direct control or via network) and not dimmable.



# Zeta Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DL-7W-SMD- XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	7W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	LED 3528
Flux	861 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

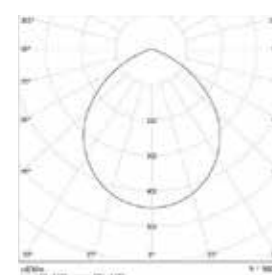


## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	Hole size
ZET-DL-7W-SMD-XX	Ø 3"



## BEAM ANGLE

Order Code	Color Temperature	LED Power
ZET-DL-7W-SMD- 3000	3000K	7W
ZET-DL-7W-SMD- 4000	4000K	7W
ZET-DL-7W-SMD- 6000	6000K	7W



# Zeta Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DL-20W-SMD- XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	20W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	LED 3528
Flux	2460 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

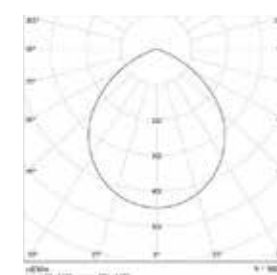


## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	Hole size
ZET-DL-20W-XX-SMD-XX	Ø 8"



### Order Code

### Color Temperature

### LED Power

ZET-DL-20W-SMD- 3000	3000K	20W
ZET-DL-20W-SMD- 4000	4000K	20W
ZET-DL-20W-SMD- 6000	6000K	20W



## Zeta Down Light

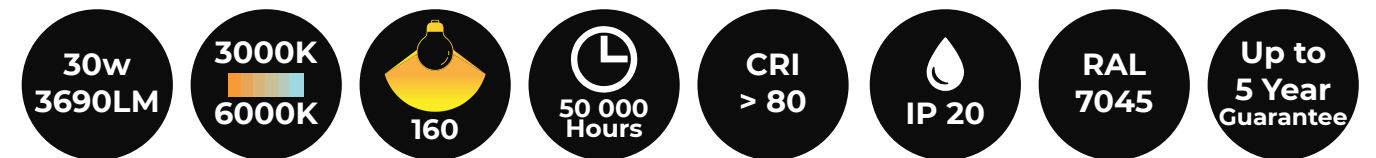
### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DL-30W-SMD- XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	30W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	LED 3528
Flux	3690 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

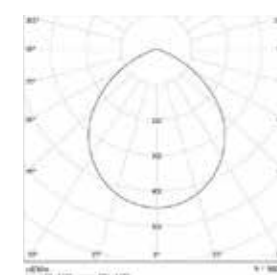


### PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

#### PRODUCT DIMENSION

Model	Hole size
ZET-DL-30W-XX-SMD-XX	Ø 8"



#### Order Code

#### Color Temperature

#### LED Power

ZET-DL-30W-SMD- 3000	3000K	30W
ZET-DL-30W-SMD- 4000	4000K	30W
ZET-DL-30W-SMD- 6000	6000K	30W







# Zeta Down Light

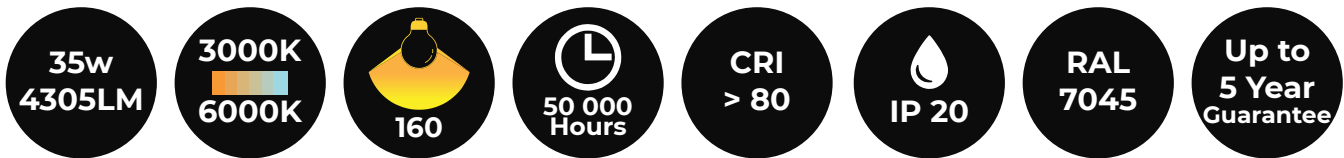
## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture.
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.

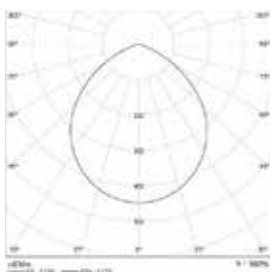


## PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DL-35W-SMD- XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	35W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	LED 3528
Flux	4305 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



## PRODUCT DIMENSION

Model	Hole size
ZET-DL-35W-XX-SMD-XX	Ø 8"

Order Code	Color Temperature	LED Power
ZET-DL-35W-SMD- 3000	3000K	35W
ZET-DL-35W-SMD- 4000	4000K	35W
ZET-DL-35W-SMD- 6000	6000K	35W

## Zeta DLP Down Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



### PRODUCT DIMENSION

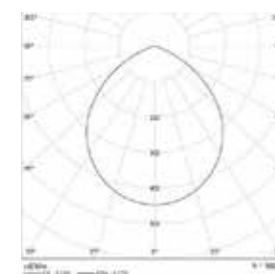
Model	Hole size
ZET-DLP-8-25W-XX-SMD-T	Ø 6"

### PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DLP-6-18-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed Mounting
Power	18W
Color Rendering Index CRI	80%
Beam Angle	110°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	2160 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



Order Code	Color Temperature	LED Power
ZET-DLP-6-18W-3000-SMD-T	3000K	18W
ZET-DLP-6-18W-4000-SMD-T	4000K	18W
ZET-DLP-6-18W-6000-SMD-T	6000K	18W



# Zeta DLP Down Light

## PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DLP-6-25-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Recessed Mounting
Power	25W
Color Rendering Index CRI	80%
Beam Angle	110°
Storage Temperature	- 40 - +85°C
IP Rating	IP20
Lifespan	50,000 Hours
Lumen/Watt	120/130 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 2835
Flux	2160 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



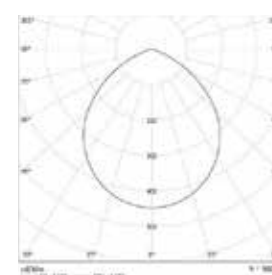
## BEAM ANGLE

## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	Hole size
ZET-DLP-8-25W-XX-SMD-T	Ø 8"



Order Code	Color Temperature	LED Power
ZET-DLP-8-25W-3000-SMD-T	3000K	25W
ZET-DLP-8-25W-4000-SMD-T	4000K	25W
ZET-DLP-8-25W-6000-SMD-T	6000K	25W





# Zeta DLS Down Light

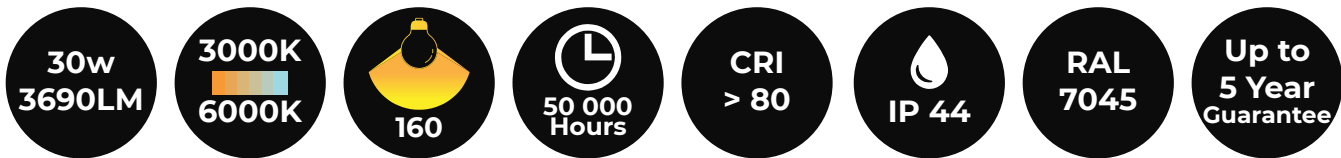
## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20 and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.

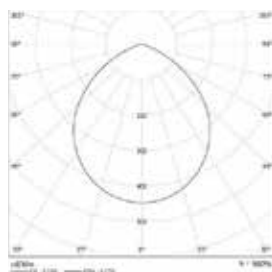


## PRODUCT DETAILS

Family Name	Zeta
Part Number	ZET-DLS-30W-XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting, Surface Mounted, Suspended
Power	30W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage Temperature	- 40 - +85°C
IP Rating	IP44
Lifespan	50,000 Hours (Saat)
Lumen/Watt	120/130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	LED 3528
Flux	3690 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



## PRODUCT DIMENSION

Model	Hole size
ZET-DLS-30W-XX	Ø 8"

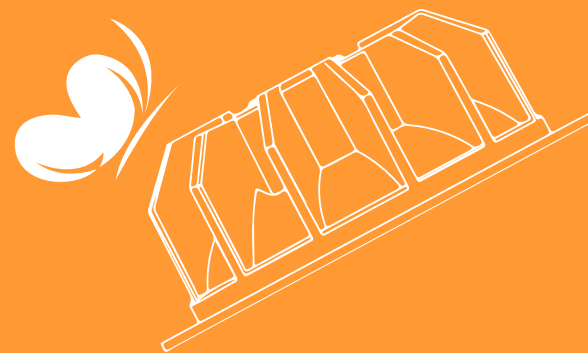
## Order Code

## Color Temperature

## LED Power

ZET-DLS-30W-3000	3000K	30W
ZET-DLS-30W-4000	4000K	30W
ZET-DLS-30W-6000	6000K	30W





# LOTA Down Light



# APPLICATION

Villas, Palaces, Apartment, Hotels, Restaurants, Shopping Areas, Building and Offices.



# FEATURES

Lota family is used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human and the environment.

High power saving fixture, no decay and color temperature shift.

can be dimmable (through direct control or via network) and not dimmable.

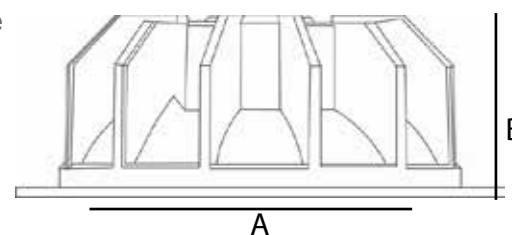




# Lota Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



### PRODUCT DIMENSION

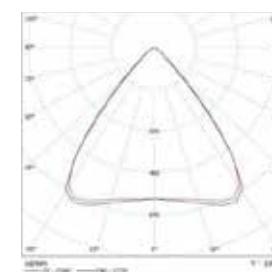
Model	A mm	B mm	Hole size
Lota Down Light	230	83	Ø 8"

## PRODUCT DETAILS

Family Name	Lota
Part Number	LOT-DL-18W-XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	18W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage	- 40 - +85°C
Temperature	IP44
IP Rating	50,000 Hours
Lifespan Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	COB 19*19, Cree / Citizen / Tridonic
Flux	2700 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE

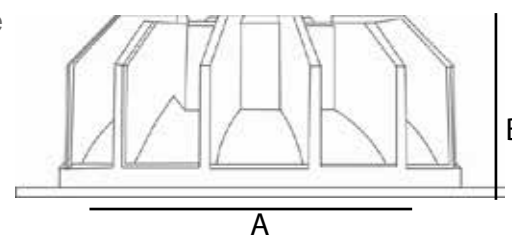


Order Code	Color Temperature	LED Power
LOT-DL-18W-3000	3000K	18W
LOT-DL-18W-4000	4000K	18W
LOT-DL-18W-6000	6000K	18W

# Lota Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



### PRODUCT DIMENSION

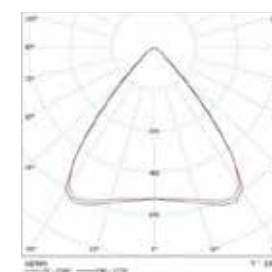
Model	A mm	B mm	Hole size
LOT-DL-24W-XX	230	83	Ø 8"

## PRODUCT DETAILS

Family Name	Lota
Part Number	LOT-DL-24W-XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	24W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage	- 40 - +85°C
Temperature	IP44
IP Rating	50,000 Hours
Lifespan Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	COB 19*19, Cree / Citizen / Tridonic
Flux	3600 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



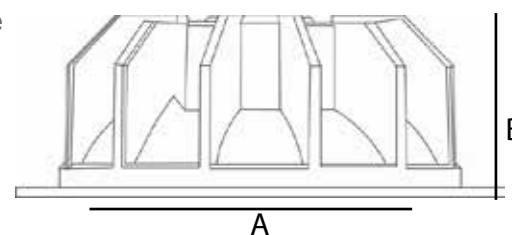
Order Code	Color Temperature	LED Power
LOT-DL-24W-3000	3000K	24W
LOT-DL-24W-4000	4000K	24W
LOT-DL-24W-6000	6000K	24W



# Lota Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



### PRODUCT DIMENSION

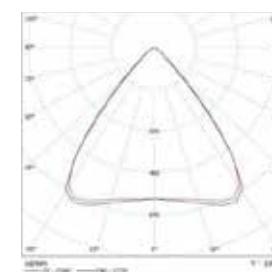
Model	A mm	B mm	Hole size
LOT-DL-35W-XX	230	83	Ø 8"

## PRODUCT DETAILS

Family Name	Lota
Part Number	LOT-DL-35W-XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	35W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage	- 40 - +85°C
Temperature	IP44
IP Rating	50,000 Hours
Lifespan Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	COB 19*19, Cree / Citizen / Tridonic
Flux	5250 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE

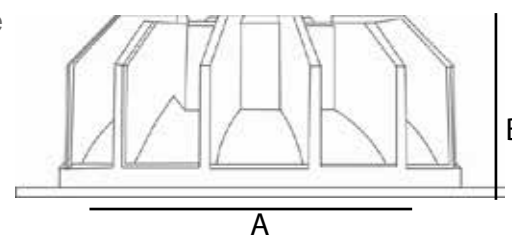


Order Code	Color Temperature	LED Power
LOT-DL-35W-3000	3000K	35W
LOT-DL-35W-4000	4000K	35W
LOT-DL-35W-6000	6000K	35W

# Lota Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

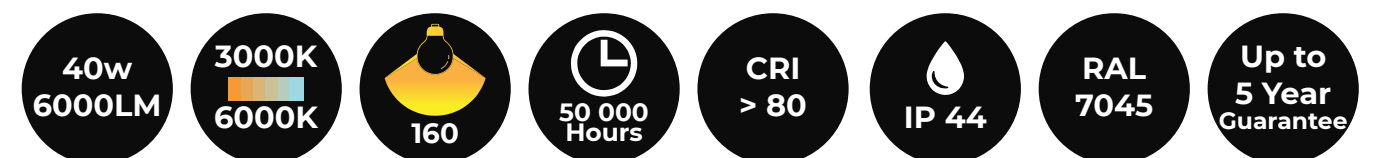


## PRODUCT DIMENSION

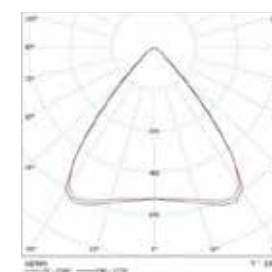
Model	A mm	B mm	Hole size
LOT-DL-40W-XX	230	83	Ø 8"

## PRODUCT DETAILS

Family Name	Lota
Part Number	LOT-DL-40W-XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	40W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage	- 40 - +85°C
Temperature	IP44
IP Rating	50,000 Hours
Lifespan Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	COB 19*19, Cree / Citizen / Tridonic
Flux	6000 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



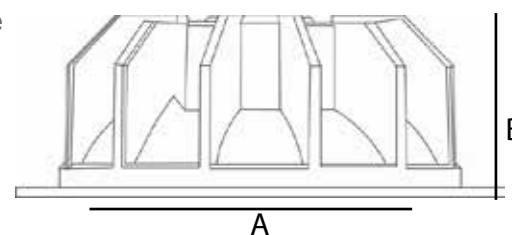
Order Code	Color Temperature	LED Power
LOT-DL-40W-3000	3000K	40W
LOT-DL-40W-4000	4000K	40W
LOT-DL-40W-6000	6000K	40W



# Lota Down Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..



### PRODUCT DIMENSION

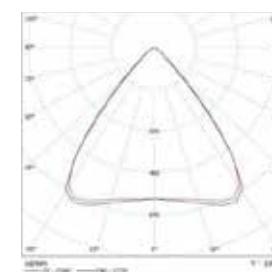
Model	A mm	B mm	Hole size
LOT-DL-45W-XX	230	83	Ø 8"

## PRODUCT DETAILS

Family Name	Lota
Part Number	LOT-DL-45W-XX
Materials	Die-cast aluminum, Pc and Eco- Friendly Lens materials
Installation	Recessed Mounting
Power	45W
Color Rendering Index CRI	80%
Beam Angle	160°
Storage	- 40 - +85°C
Temperature	IP44
IP Rating	50,000 Hours
Lifespan Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	COB 19*19, Cree / Citizen / Tridonic
Flux	6750 Lum
Correlated Color Temperature CCT	6000/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
LOT-DL-45W-3000	3000K	45W
LOT-DL-45W-4000	4000K	45W
LOT-DL-45W-6000	6000K	45W



# SIRIUS Down Light





# APPLICATION

Hotels, Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Villas, Palaces, Apartment.... etc.



# FEATURES

Sirius family contains a lot of amazing and modern design with different features such as pre-embedded design, quick installation, convenient maintenance of lamps and lanterns.

Suitable for all kinds of ceiling thickness, Maximum up to 30mm.

Can be dimmable (through direct control or via network).



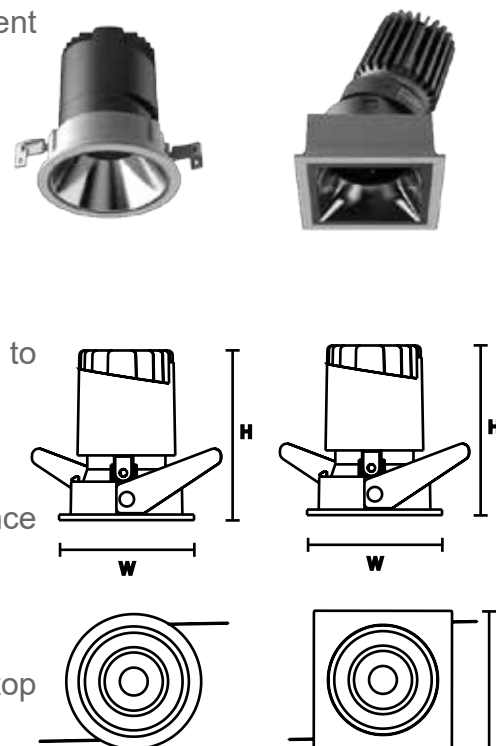
# Sirius Down Light

## PRODUCT DETAILS

Family Name	Sirius
Part Number	SIR-X-X-5W-S/T-XXXX
Cutout	Ø50mm
Size(HxWxL)	73x60mm/73x60x60mm
Driver	5 Watt constant current (dimming optional)
Color Rendering Index CRI	80% or 90%
Beam Angle	10° / 24° / 38°
Storage Temperature	- 40 - +85°C
IP Rating	-IP20
Lifespan	50,000 Hours
COB type	Citizen, Cree, Philips, Bridglux
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
Reflector Color	Sand gold / White/ Chrome/ Silver / Pearl Black/ Black
Flux	600 Lumen
Correlated Color Temperature CCT	2700K / 3000K / 4000K
Warranty	Up to 5 Years

## FEATURES

- ◆ Reflector cover, 6 colors are optional to meet the needs of different occasions.
- ◆ The Driver is included and it can be IP20 or IP67 (as an option) and PF>0.9. Dimming Optional.
- ◆ Deep reflection cup, UGR < 16.
- ◆ Suitable for all kinds of ceiling thickness, maximum, up to 30mm.
- ◆ Light is filtered through reflecting cup and anti-glare honeycomb to effectively reduce excess beam.
- ◆ Rotate 355 degrees horizontally. Every rotation is just right.
- ◆ Pre-embedded design, quick installation and convenient maintenance of lamps and lanterns.
- ◆ Innovation and High Efficiency Black Light Mirror.
- ◆ Four-stop tilt angle adjustment, positioning circle inside, and ni-stop are just right.



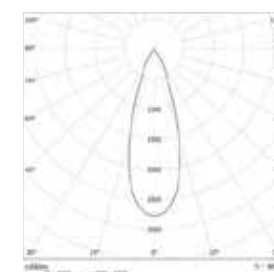
## BEAM ANGLE

## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	H mm	W mm	L mm
SIR-S-X-5W-S/T-XXXX	73	60	60
SIR-R-X-5W-S/T-XXXX	73	60	---



### Order Code

### Color Temperature

### LED Power

SIR-R-N-5W-S/T-XXXX	2700K / 3000K / 4000K	5W
SIR-S-N-5W-S/T-XXXX	2700K / 3000K / 4000K	5W





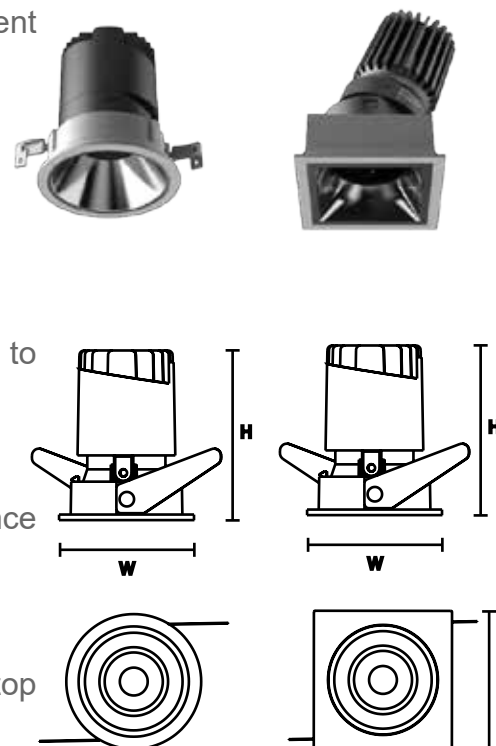
# Sirius Down Light

## PRODUCT DETAILS

Family Name	Sirius
Part Number	SIR-X-X-12W-S/T-XXXX
Cutout	Ø75mm
Size(HxWxL)	104x86mm/104x86x86mm
Driver	12 Watt constant current (dimming optional)
Color Rendering Index CRI	80% or 90%
Beam Angle	10° / 24° / 38°
Storage Temperature	- 40 - +85°C
IP Rating	-IP20
Lifespan	50,000 Hours
COB type	Citizen, Cree, Philips, Bridglux
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
Reflector Color	Sand gold / White/ Chrome/ Silver / Pearl Black/ Black
Flux	1440 Lumen
Correlated Color Temperature CCT	2700K / 3000K / 4000K
Warranty	Up to 5 Years

## FEATURES

- ♦ Reflector cover, 6 colors are optional to meet the needs of different occasions.
- ♦ The Driver is included and it can be IP20 or IP67 (as an option) and PF>0.9. Dimming Optional.
- ♦ Deep reflection cup, UGR < 16.
- ♦ Suitable for all kinds of ceiling thickness, maximum, up to 30mm.
- ♦ Light is filtered through reflecting cup and anti-glare honeycomb to effectively reduce excess beam.
- ♦ Rotate 355 degrees horizontally. Every rotation is just right.
- ♦ Pre-embedded design, quick installation and convenient maintenance of lamps and lanterns.
- ♦ Innovation and High Efficiency Black Light Mirror.
- ♦ Four-stop tilt angle adjustment, positioning circle inside, and ni-stop are just right.



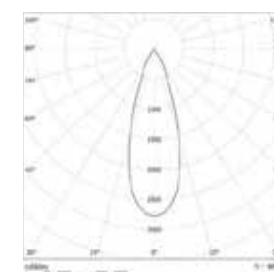
## BEAM ANGLE

## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	H mm	W mm	L mm
SIR-S-X-12W-S/T-XXXX	104	86	86
SIR-R-X-12W-S/T-XXXX	104	86	---



Order Code	Color Temperature	LED Power
SIR-R-N-12W-S/T-XXXX	2700K / 3000K / 4000K	12W
SIR-S-N-12W-S/T-XXXX	2700K / 3000K / 4000K	12W



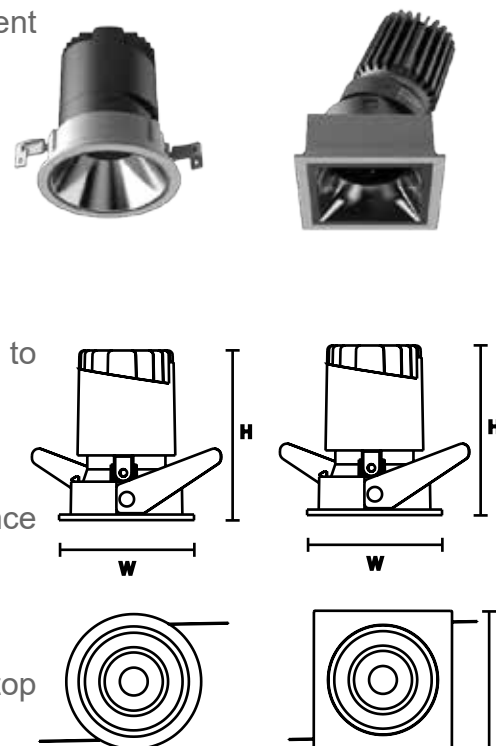
# Sirius Down Light

## PRODUCT DETAILS

Family Name	Sirius
Part Number	SIR-X-X-20W-S/T-XXXX
Cutout	Ø95mm
Size(HxWxL)	119x105mm/119x105x105mm
Driver	20 Watt constant current (dimming optional)
Color Rendering Index CRI	80% or 90%
Beam Angle	10° / 24° / 38°
Storage Temperature	- 40 - +85°C
IP Rating	-IP20
Lifespan	50,000 Hours
COB type	Citizen, Cree, Philips, Bridglux
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
Reflector Color	Sand gold / White/ Chrome/ Silver / Pearl Black/ Black
Flux	2400 Lumen
Correlated Color Temperature CCT	2700K / 3000K / 4000K
Warranty	Up to 5 Years

## FEATURES

- ♦ Reflector cover, 6 colors are optional to meet the needs of different occasions.
- ♦ The Driver is included and it can be IP20 or IP67 (as an option) and PF>0.9. Dimming Optional.
- ♦ Deep reflection cup, UGR < 16.
- ♦ Suitable for all kinds of ceiling thickness, maximum, up to 30mm.
- ♦ Light is filtered through reflecting cup and anti-glare honeycomb to effectively reduce excess beam.
- ♦ Rotate 355 degrees horizontally. Every rotation is just right.
- ♦ Pre-embedded design, quick installation and convenient maintenance of lamps and lanterns.
- ♦ Innovation and High Efficiency Black Light Mirror.
- ♦ Four-stop tilt angle adjustment, positioning circle inside, and ni-stop are just right.



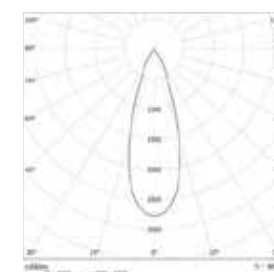
## BEAM ANGLE

## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	H mm	W mm	L mm
SIR-S-X-20W-S/T-XXXX	119	105	105
SIR-R-X-20W-S/T-XXXX	119	105	---



### Order Code

### Color Temperature

### LED Power

SIR-R-N-20W-S/T-XXXX	2700K / 3000K / 4000K	20W
SIR-S-N-20W-S/T-XXXX	2700K / 3000K / 4000K	20W





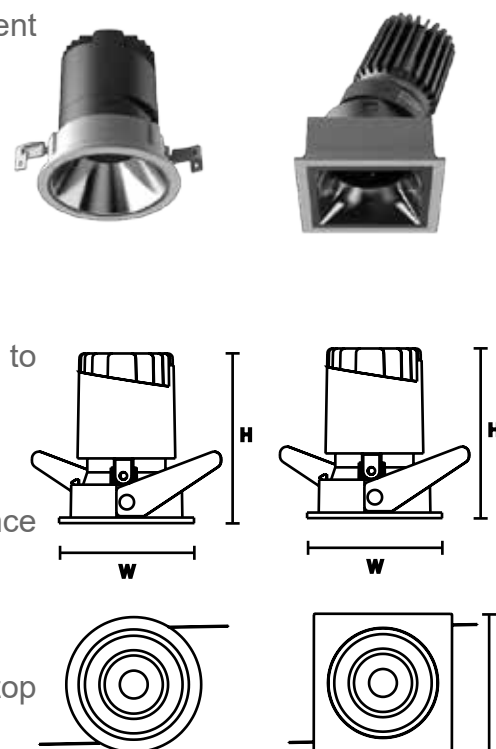
# Sirius Down Light

## PRODUCT DETAILS

Family Name	Sirius
Part Number	SIR-X-X-35W-S/T-XXXX
Cutout	Ø120mm
Size(HxWxL)	145x133mm/145x133x133mm
Driver	35 Watt constant current (dimming optional)
Color Rendering Index CRI	80% or 90%
Beam Angle	10° / 24° / 38°
Storage Temperature	- 40 - +85°C
IP Rating	-IP20
Lifespan	50,000 Hours
COB type	Citizen, Cree, Philips, Bridglux
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
Reflector Color	Sand gold / White/ Chrome/ Silver / Pearl Black/ Black
Flux	4200 Lumen
Correlated Color Temperature CCT	2700K / 3000K / 4000K
Warranty	Up to 5 Years

## FEATURES

- ♦ Reflector cover, 6 colors are optional to meet the needs of different occasions.
- ♦ The Driver is included and it can be IP20 or IP67 (as an option) and PF>0.9. Dimming Optional.
- ♦ Deep reflection cup, UGR < 16.
- ♦ Suitable for all kinds of ceiling thickness, maximum, up to 30mm.
- ♦ Light is filtered through reflecting cup and anti-glare honeycomb to effectively reduce excess beam.
- ♦ Rotate 355 degrees horizontally. Every rotation is just right.
- ♦ Pre-embedded design, quick installation and convenient maintenance of lamps and lanterns.
- ♦ Innovation and High Efficiency Black Light Mirror.
- ♦ Four-stop tilt angle adjustment, positioning circle inside, and ni-stop are just right.



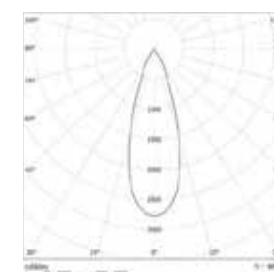
## BEAM ANGLE

## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, General Lighting etc..

### PRODUCT DIMENSION

Model	H mm	W mm	L mm
SIR-S-X-35W-S/T-XXXX	145	133	133
SIR-R-X-35W-S/T-XXXX	145	133	---



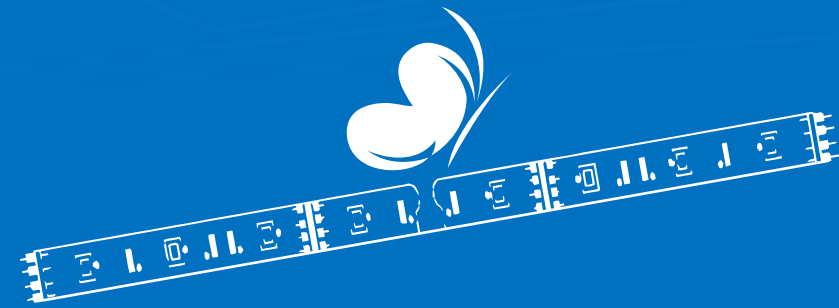
### Order Code

### Color Temperature

### LED Power

SIR-R-N-35W-S/T-XXXX	2700K / 3000K / 4000K	35W
SIR-S-N-35W-S/T-XXXX	2700K / 3000K / 4000K	35W





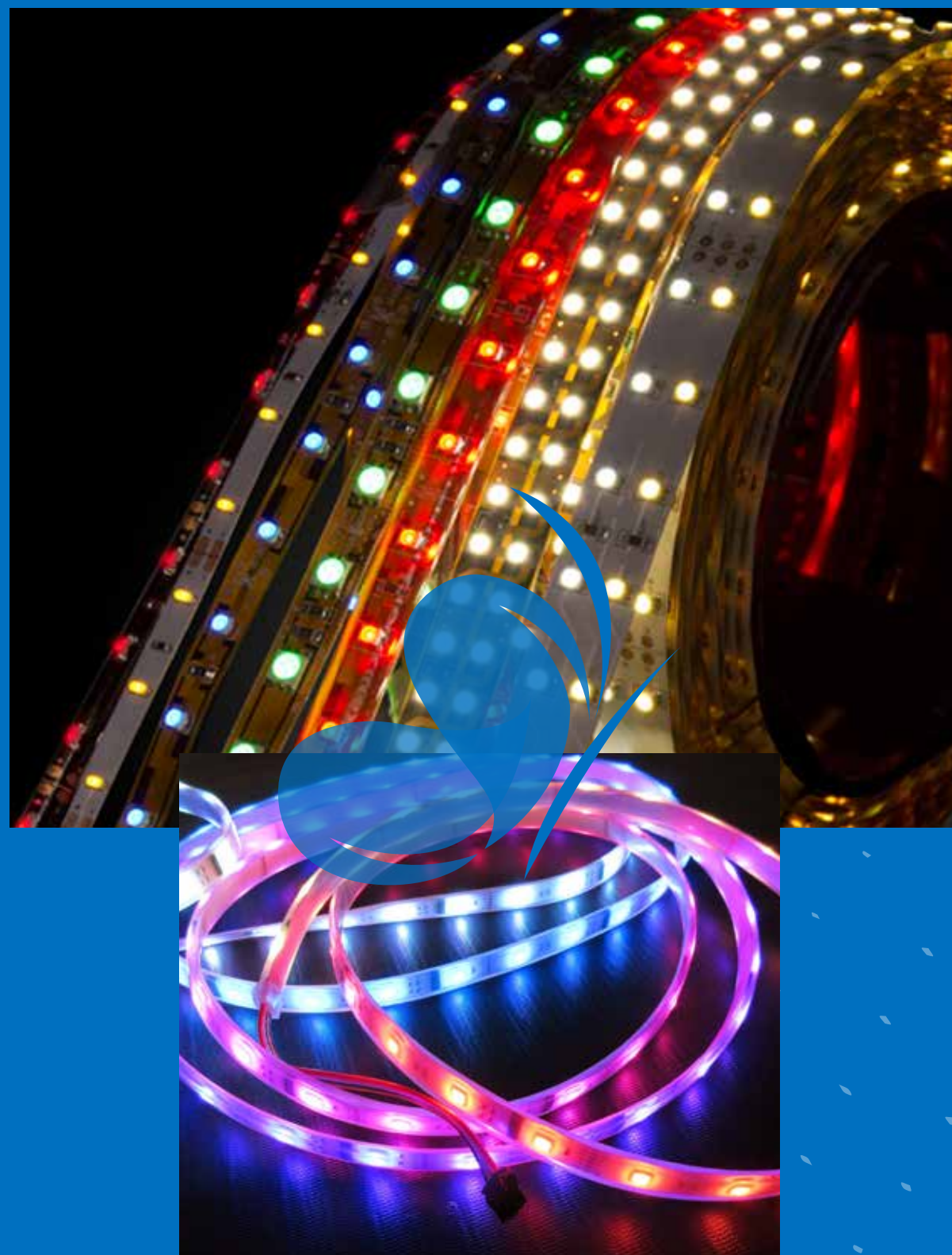
# SUHAIL Strip Light





# APPLICATION

Hotels, Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Villas, Palaces, Apartment, etc.



# FEATURES

Suhail family designed for Decorative Areas to help to return the true color of the object.

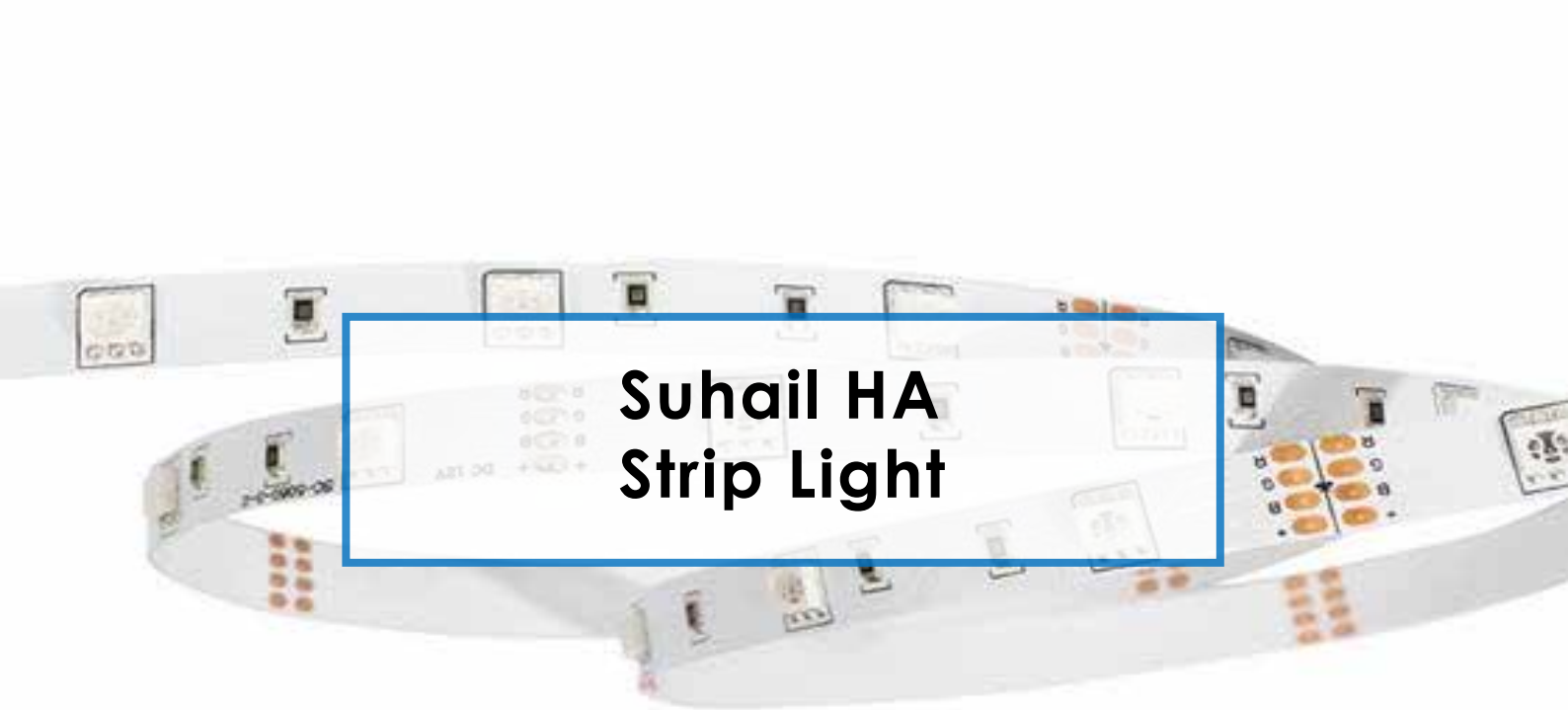
Available with the various choice from warm to cold white

Ultra-bright and spotless LED strip, emitting a homogeneous light.

The product has a wide range and features such as High Color Rendering, high efficiency, high lumen, RGB & MultiColor.

Fully Dimmable, color changing, flashing, color scrolling, fading, and 100% controllable.





# Suhail HA Strip Light

## FEATURES

- ◆ Family designed for Decorative Areas.
- ◆ Color Change Adjustable.
- ◆ Fully Dimmable.
- ◆ 120° beam angle.
- ◆ 5 M Product Length.
- ◆ 24 V DC Input.
- ◆ Up to five years warranty.



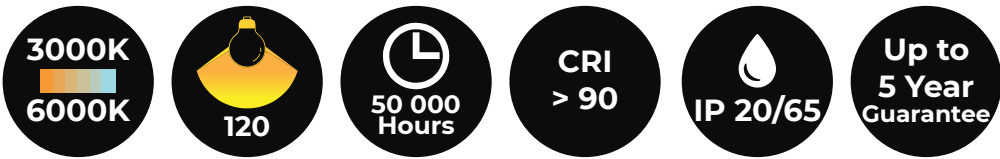
## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Hotel, etc.



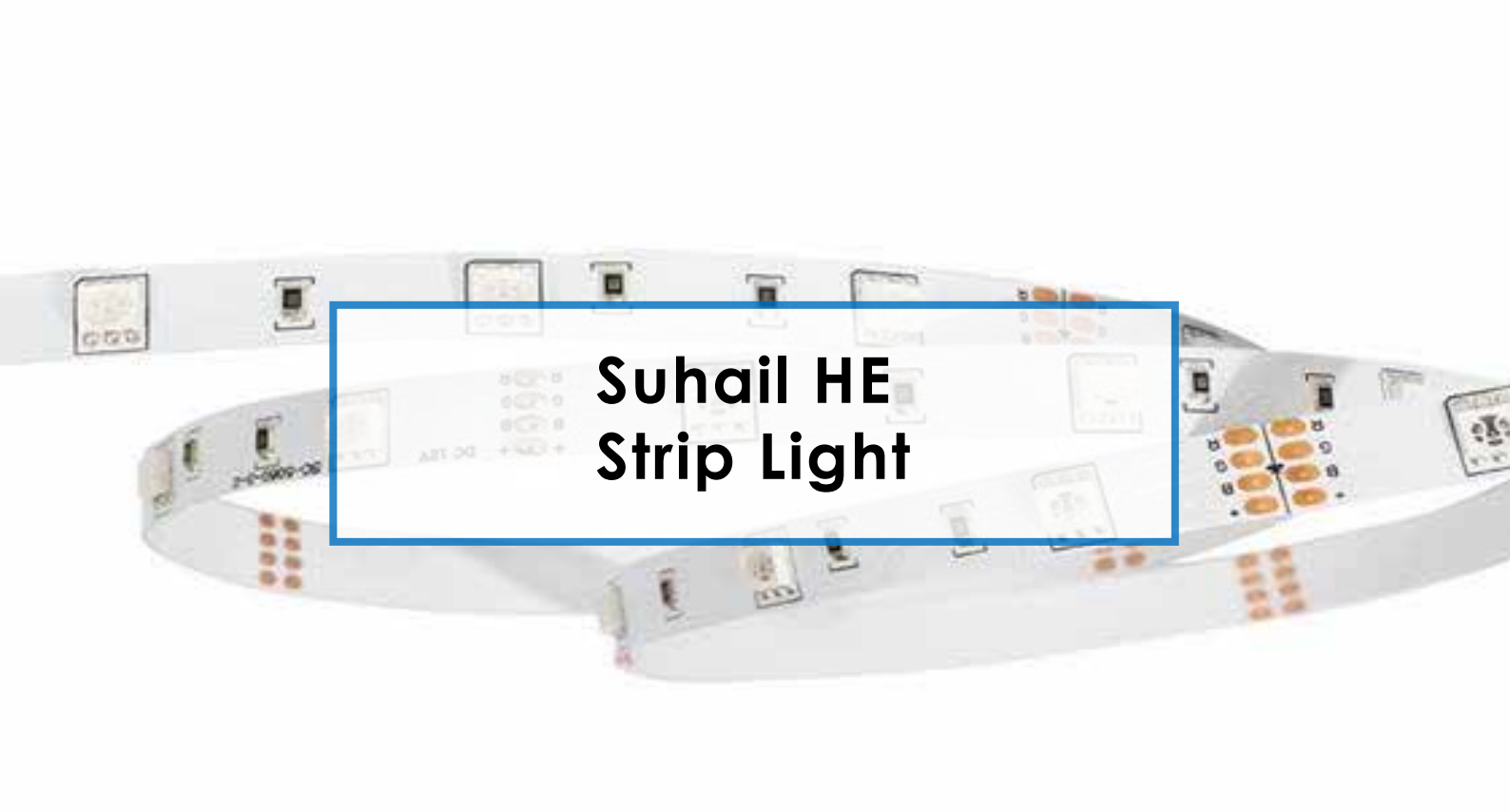
## PRODUCT DETAILS

Family Name	Suhail
Part Number	SUH-HA-XW-XXXX
Power	14w/m, 18w/m, 22w/m, 26w/m
Dimension	12x100mm, 12x55.6mm, 10x55.6mm, 10x83.33mm
Cutting Intervals	14LEDs 100mm, 24LEDs 55.55mm, 18LEDs 55.5mm, 24LEDs 83.3 mm
Product Length	5m
Dimmable	Yes
Energy Consumption	1.4kw/1000H, 1.8kw/1000H, 2.2kw/1000H, 2.6kw/1000H
Color Rendering Index CRI	>90
IP Rating	-IP20/65
Beam Angle	120°
Led QTY/M	140, 432, 288, 288
Lumen/Watt	125LM/W, 113LM/W, 102LM/W, 99LM/W
Storage Temperature	- 40- +85°C
IP Option	20/65/67/68
Flux	1762Lumen, 2037Lumen, 2235Lumen, 2576Lumen
Correlated Color Temperature CCT	2700K / 3000K / 4000K / 6500k
Warranty	Up to 5 Years



Order Code	Color Temperature	LED Power
SUH-HA-14W-XXXX	3000K / 4000K / 6500K	14W
SUH-HA-18W-XXXX	3000K / 4000K / 6500K	18W
SUH-HA-22W-XXXX	3000K / 4000K / 6500K	22W
SUH-HA-26W-XXXX	3000K / 4000K / 6500K	26W





# Suhail HE Strip Light

## FEATURES

- ◆ Family designed for Decorative Areas.
- ◆ High efficiency.
- ◆ Fully Dimmable.
- ◆ 120° beam angle.
- ◆ 5 M Product Length.
- ◆ 24 V DC Input.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Hotel, etc.

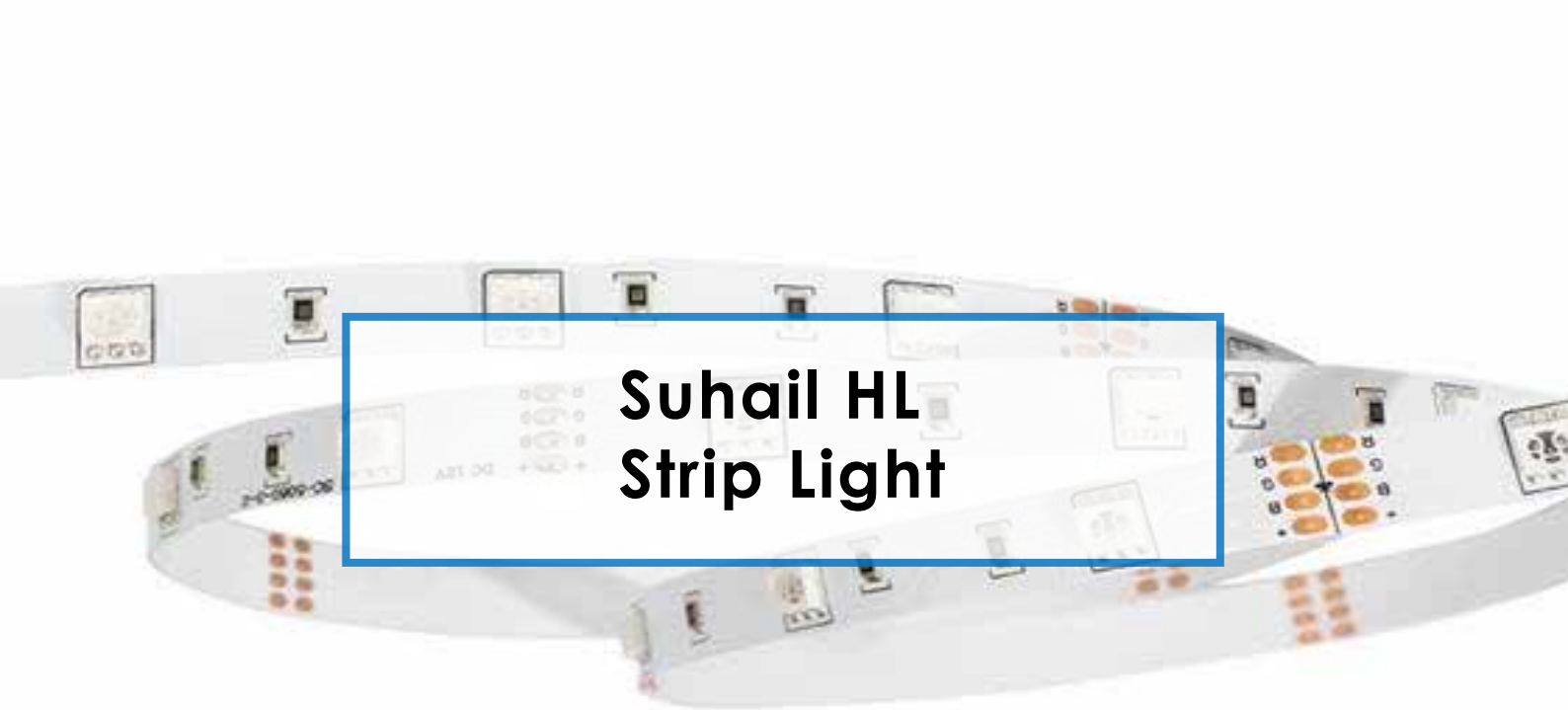


## PRODUCT DETAILS

Family Name	Suhail
Part Number	SUH-HE-XW-XXXX
Power	8.5w/m, 13w/m, 15w/m
Dimension	10x83.33mm, 12x33.3mm, 10x55.55mm
Cutting Intervals	9LEDs 93.3mm, 16LEDs 33.3mm, 9LEDs 55.5mm
Product Length	5m
Dimmable	Yes
Energy Consumption	0.85kw/1000H, 1.3kw/1000H, 1.5kw/1000H,
Color Rendering Index CRI	>90
IP Rating	-IP20/65
Beam Angle	120°
Led QTY/M	108, 480, 162
Lumen/Watt	207LM/W, 176LM/W, 205LM/W
Storage Temperature	- 40- +85°C
IP Option	20/65/67/68
Flux	1760Lumen, 2289Lumen, 3075Lumen
Correlated Color Temperature CCT	3000K / 4000K / 6500k
Warranty	Up to 5 Years



Order Code	Color Temperature	LED Power
SUH-HE-8.5W-XXXX	3000K / 4000K / 6500K	8.5W
SUH-HE-13W-XXXX	3000K / 4000K / 6500K	13W
SUH-HE-15W-XXXX	3000K / 4000K / 6500K	15W



# Suhail HL Strip Light

## FEATURES

- ◆ Family designed for Decorative Areas.
- ◆ High efficiency.
- ◆ Fully Dimmable.
- ◆ 120° beam angle.
- ◆ 5 M Product Length.
- ◆ 24 V DC Input.
- ◆ Up to five years warranty.



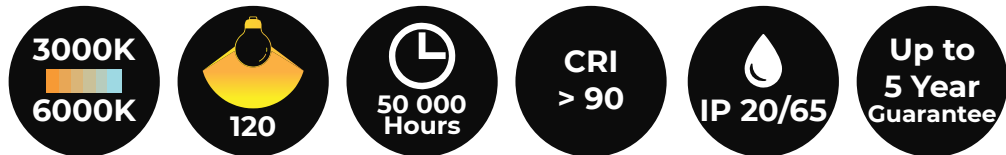
## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Hotel, etc.



## PRODUCT DETAILS

Family Name	Suhail
Part Number	SUH-HL-XW-XXXX
Power	24w/m, 25w/m, 26w/m, 50w/m
Dimension	10x50mm, 10x33.5mm, 10x35.7mm, 15x17.85mm
Cutting Intervals	8LEDs 50mm, 7LEDs 33.5mm, 8LEDs 35.7mm, 8LEDs 17.8mm
Product Length	5m
Dimmable	Yes
Energy Consumption	2.4kw/1000H, 2.5kw/1000H, 2.6kw/1000H, 5.0kw/1000H
Color Rendering Index CRI	>90
IP Rating	-IP20/65
Beam Angle	120°
Led QTY/M	160, 240, 224, 448
Lumen/Watt	137LM/W, 146LM/W, 135LM/W, 124LM/W
Storage Temperature	- 40- +85°C
IP Option	20/65/67/68
Flux	3294Lumen, 3643Lumen, 5820Lumen, 6180Lumen
Correlated Color Temperature CCT	2700k / 3000K / 4000K / 6500k
Warranty	Up to 5 Years



Order Code	Color Temperature	LED Power
SUH-HL-24W-XXXX	3000K / 4000K / 6500K	24W
SUH-HL-25W-XXXX	3000K / 4000K / 6500K	25W
SUH-HL-26W-XXXX	3000K / 4000K / 6500K	26W
SUH-HL-50W-XXXX	3000K / 4000K / 6500K	50W





# Suhail HR Strip Light

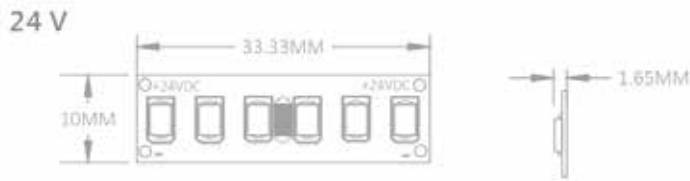
## FEATURES

- ◆ Family designed for Decorative Areas.
- ◆ High efficiency.
- ◆ Fully Dimmable.
- ◆ 120° beam angle.
- ◆ 5 M Product Length.
- ◆ 24 V DC Input.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Hotel, etc.

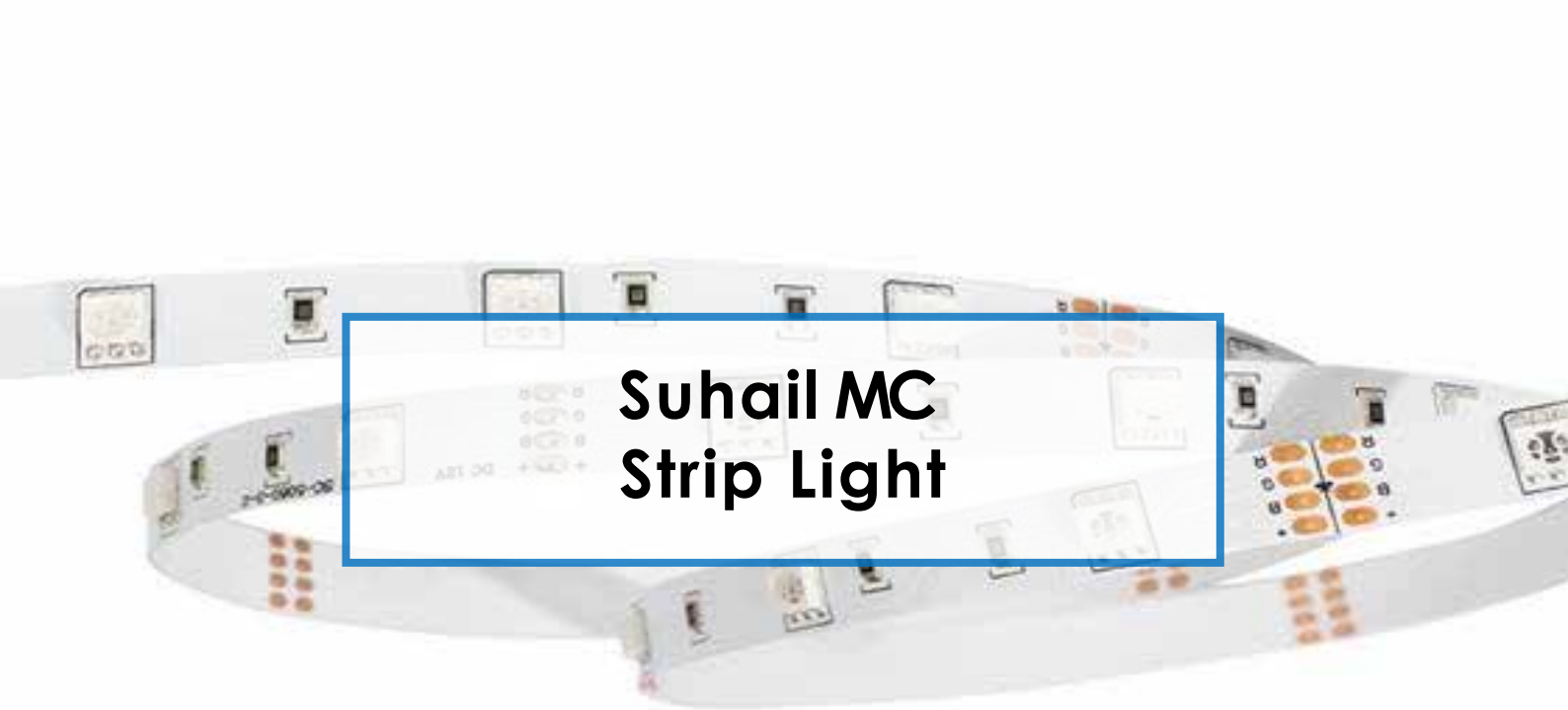


## PRODUCT DETAILS

Family Name	Suhail
Part Number	SUH-HR-XW-XXXX
Power	9.6w/m, 12w/m, 16w/m, 22w/m, 23w/m
Dimension	10x62.5mm, 10x33.33mm, 8x41.66mm, 24x12.5mm, 10x27.77mm
Cutting Intervals	8LEDs 62.5mm, 6LEDs 33.3mm, 8LEDs 41.6mm, 8LEDs 12.5mm, 8LEDs 27.7mm
Product Length	5m
Dimmable	Yes
Energy Consumption	1kw/1000H, 1.2kw/1000H, 1.6kw/1000H, 2.2kw/1000H, 2.3kw/1000H
Color Rendering Index CRI	>95
IP Rating	-IP20/65
Beam Angle	120°
Led QTY/M	128, 180, 192, 480, 288
Lumen/Watt	92/105/109/117/143 LM/W
Storage Temperature	- 40- +85°C
IP Option	20/65/67/68
Flux	1048Lumen, 1366Lumen, 2296Lumen, 2017Lumen, 2409Lumen
Correlated Color Temperature CCT	3000K / 4000K / 6000k
Warranty	Up to 5 Years



Order Code	Color Temperature	LED Power
SUH-HR-9.6W-XXXX	3000K / 4000K / 6500K	9.6W
SUH-HR-12W-XXXX	3000K / 4000K / 6500K	12W
SUH-HR-16W-XXXX	3000K / 4000K / 6500K	16W
SUH-HR-22W-XXXX	3000K / 4000K / 6500K	22W
SUH-HR-23W-XXXX	3000K / 4000K / 6500K	23W



# Suhail MC Strip Light

## FEATURES

- ◆ Family designed for Decorative Areas.
- ◆ High efficiency.
- ◆ Fully Dimmable.
- ◆ 120° beam angle.
- ◆ 5 M Product Length.
- ◆ 24 V DC Input.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Hotel, etc.

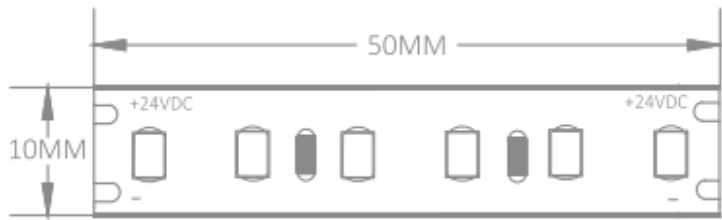


## PRODUCT DETAILS

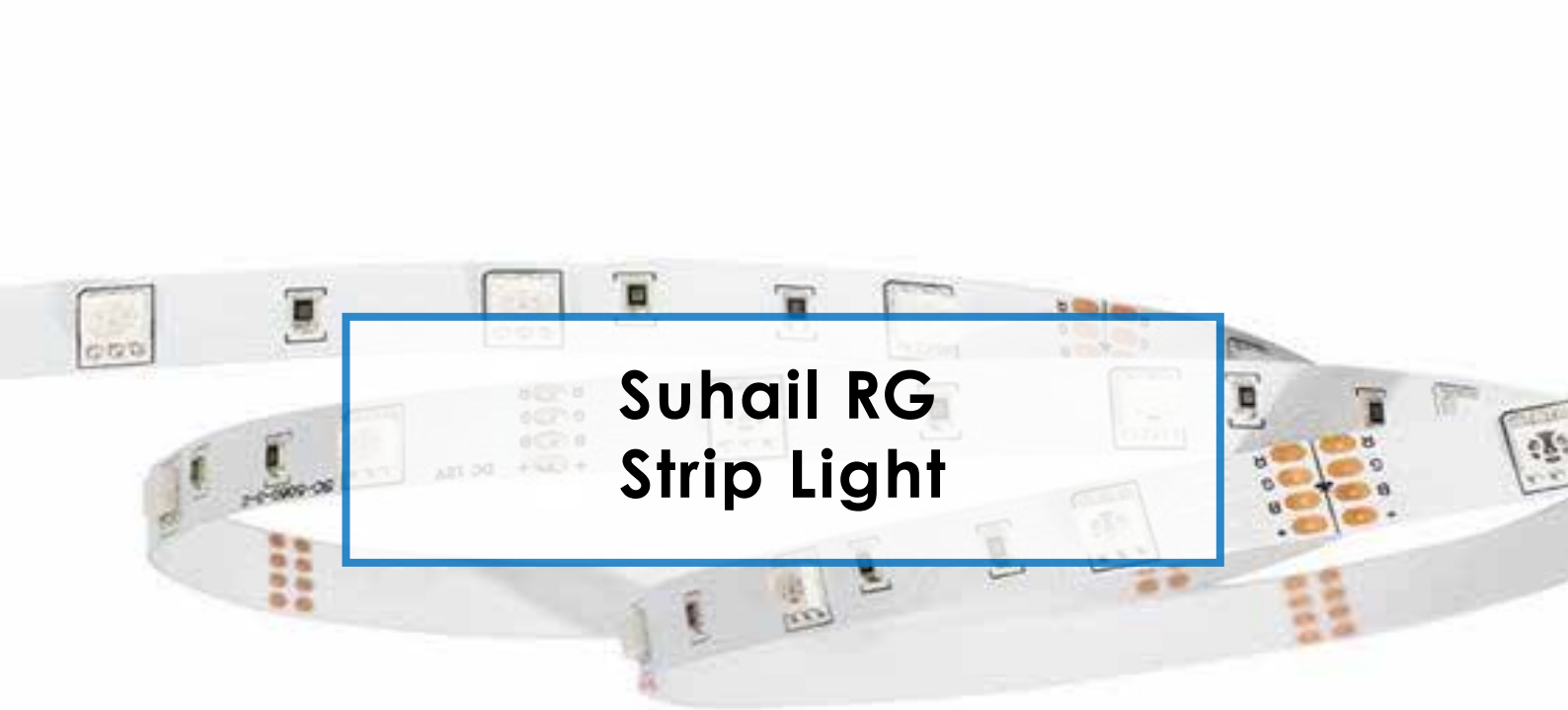
Family Name	Suhail
Part Number	SUH-MC-XW-XXXX
Power	4.8w/m, 7w/m, 11w/m, 16w/m, 23w/m
Dimension	8x100mm, 8x100mm, 10x50mm, 10x50mm, 10x25mm
Cutting Intervals	6LEDs 100mm, 8LEDs 100mm, 6LEDs 50mm, 6LEDs 25mm
Product Length	5m
Dimmable	Yes
Energy Consumption	0.48kw/1000H, 0.7kw/1000H, 1.1kw/1000H, 1.6kw/1000H, 2.2kw/1000H
Color Rendering Index CRI	>80
IP Rating	-IP20/65
Beam Angle	120°
Led QTY/M	60, 80, 120, 120, 240
Lumen/Watt	104/157/89/113/88 LM/W
Storage Temperature	- 40- +85°C
IP Option	20/65/67/68
Flux	500Lumen, 1100Lumen, 980Lumen, 1680Lumen, 1930Lumen
Correlated Color Temperature CCT	3000K / 4000K / 6000k
Warranty	Up to 5 Years



Order Code	Color Temperature	LED Power
SUH-MC-4.8W-XXXX	3000K / 4000K / 6500K	4.8W
SUH-MC-7W-XXXX	3000K / 4000K / 6500K	7W
SUH-MC-11W-XXXX	3000K / 4000K / 6500K	11W
SUH-MC-16W-XXXX	3000K / 4000K / 6500K	16W
SUH-MC-22W-XXXX	3000K / 4000K / 6500K	22W



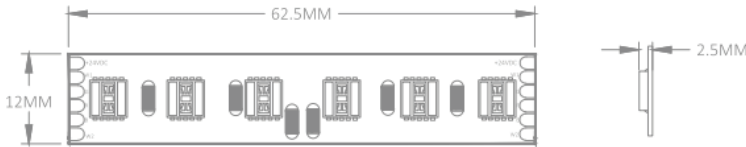




# Suhail RG Strip Light

## FEATURES

- ◆ Family designed for Decorative Areas.
- ◆ High efficiency.
- ◆ Fully Dimmable.
- ◆ 120° beam angle.
- ◆ 5 M Product Length.
- ◆ 24 V DC Input.
- ◆ Up to five years warranty.



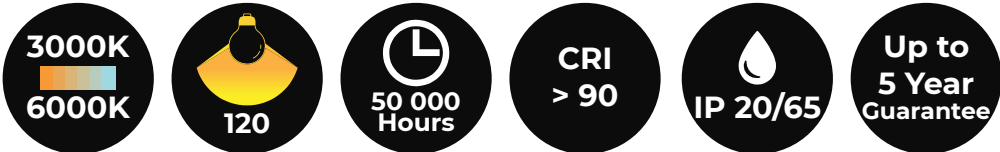
## PRODUCT APPLICATION

Shopping centers, Malls, Hospitals, Shops, Offices, Schools, Restaurants, Hotel, etc.

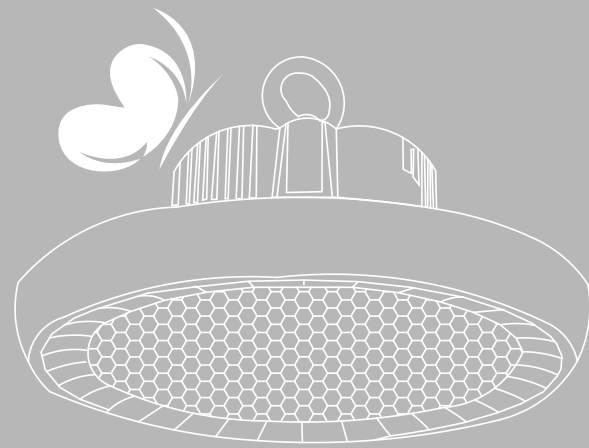


## PRODUCT DETAILS

Family Name	Suhail
Part Number	SUH-RG-XW-XXXX
Power	9w/m, 19w/m, 22w/m, 26w/m, 31w/m
Dimension	10x100mm, 12x100mm, 12x71.4mm, 12x55.5mm, 12x62.5mm
Cutting Intervals	8LEDs 100mm, 6LEDs 55.5mm, 8LEDs 71.4mm, 7LEDs 55.55mm
Product Length	5m
Dimmable	Yes
Energy Consumption	0.9kw/1000H, 1.9kw/1000H, 2.2kw/1000H, 2.6kw/1000H, 3.1kw/1000H
Color Rendering Index CRI	> 90
IP Rating	IP20/65
Beam Angle	120°
Led QTY/M	80, 108, 112, 126, 96
Lumen/Watt	76-157 LM/W
Storage Temperature	- 40- +85°C
IP Option	20/65/67/68
Flux	500Lumen, 1100Lumen, 980Lumen, 1680Lumen, 1930Lumen
Correlated Color Temperature CCT	3000K / 4000K / 6000k
Warranty	Up to 5 Years



Order Code	Color Temperature	LED Power
SUH-RG-9W-XXXX	3000K / 4000K / 6000K	9W
SUH-RG-19W-XXXX	3000K / 4000K / 6000K	19W
SUH-RG-22W-XXXX	3000K / 4000K / 6000K	22W
SUH-RG-26W-XXXX	3000K / 4000K / 6000K	26W
SUH-RG-31W-XXXX	3000K / 4000K / 6000K	31W



VEGA  
High Bay





# APPLICATION

Ideal for warehouse and industrial, park closed commercial complex



# FEATURES

Vega Family offers high cooling aluminum with zip technology and 3D cooling created air convection channel, make it good even for hot areas.

High lumen output.

High Power saving fixture.

Driver very well protected with universal input voltage 100-250 VAC.

Over temperature protect on, Overload protect on, Short-circuit protect on and No-load protect on.



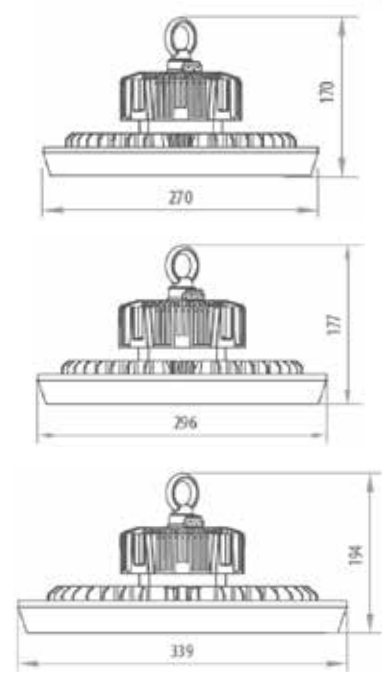




# Vega L High Bay

## FEATURES

- ♦ Cooling fins as heat sink with die casting.
- ♦ High performance optics system with practical light patterns for massive applications, which is ideal to directly replace 150w,250w and 400w HID in any places.
- ♦ Trimming excess light to reduce glare under 22 with 60deg lens and under 25 with 90deg.
- ♦ 50%.less power consumption than traditional light sources.
- ♦ Classic design of circular shape UFO.
- ♦ 50000 Hours.
- ♦ Up to five years warranty.



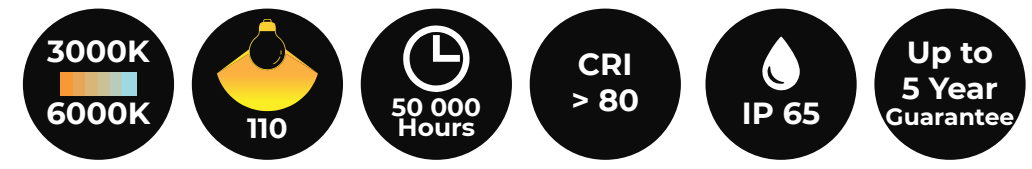
## PRODUCT APPLICATION

Warehouse, Malls, Football field, Workshops, Factories, General Lighting, etc...

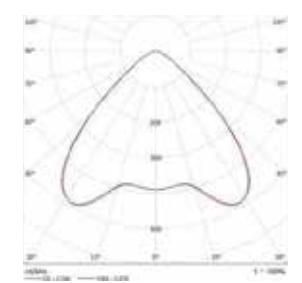


## PRODUCT DETAILS

Family Name	Vega
Part Number	VEG-L-XW- XXXX
Power Supply	Philips/ Gruenes Licht/ Meanwell/ Tridonic
Installation	Suspended / Wall Mounting
Power	60W/100W/150W/200W
Color Rendering Index CRI	70/80 %
Beam Angle	60° / 90°/ 110°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	130 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.95
LEDs	Lifud / Meanwell / Philips
Flux	7,800/13,000/ 19,500/26,000 Lum
Correlated Color Temperature CCT	3000/ 4000 / 5000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
VEG-L-60W- XXXX	3000K /4000K / 5000K	60W
VEG- L-100W- XXXX	3000K /4000K / 5000K	100W
VEG-L-150W- XXXX	3000K /4000K / 5000K	150W
VEG-L-200W- XXXX	3000K /4000K / 5000K	200W





# Vega H High Bay

## FEATURES

- ♦ Cooling fins as heat sink with die casting.
  - ♦ High performance optics system with practical light patterns for massive applications, which is ideal to directly replace 150w,250w and 400w HID in any places.
  - ♦ Trimming excess light to reduce glare under 22 with 60deg lens and under 25 with 90deg.
  - ♦ 50%.less power consumption than traditional light sources.
  - ♦ Classic design of circular shape UFO.
  - ♦ 50000 Hours.
  - ♦ Up to five years warranty.
- 

## PRODUCT APPLICATION

Warehouse, Malls, Football field, Workshops, Factories, General Lighting, etc...



## PRODUCT DETAILS

Family Name	Vega
Part Number	VEG-H-XW- XXXX
Materials	Die-casting ADC12 Structure, powder coated finish, polycarbonate Lens.
Power supply	Philips/ Gruenes Licht/ Meanwell/ Tridonic
Installation	Suspended / Wall mounting
Power	100W/150W/200W
Color Rendering Index CRI	70/80 %
Beam Angle	60° / 90°/ 100°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.95
LEDs	Lifud / Meanwell / Philips
Flux	14,000/21,000/28,000 Lum
Correlated Color Temperature CCT	3000 / 4000 / 6000
Warranty	Up to 5 Years

3000K  
6000K

110

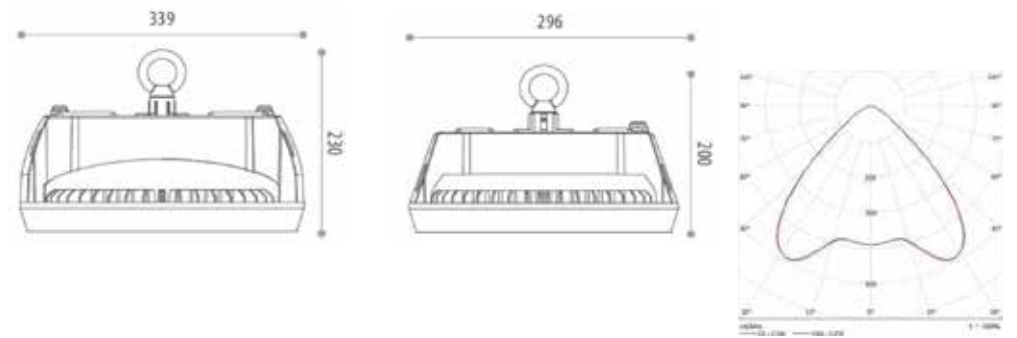
50 000  
Hours

CRI  
> 80

IP 65

Up to  
5 Year  
Guarantee

## BEAM ANGLE



Order Code	Color Temperature	LED Power
VEG-H-100W- XXXX	3000K /4000K / 5000K	100W
VEG-H-150W- XXXX	3000K /4000K / 5000K	150W
VEG-H-200W- XXXX	3000K /4000K / 5000K	200W





# Vega HB High Bay

## FEATURES

- ◆ Fixture designed for Harsh and hot environments. High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

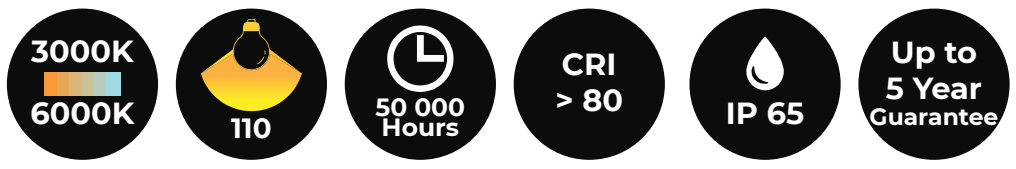
Warehouse, Factories, Toll Stations, Gas Stations, SuperMarkets, Exhibition halls, Stadiums, Car Parks



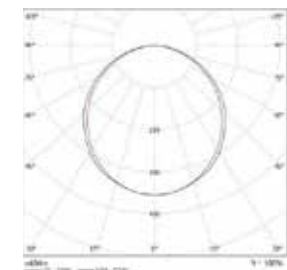
PRODUCT DIMENSION		
Model	A mm	B mm
VEG-HB-100W-XX-SMD-T	300	188

## PRODUCT DETAILS

Family Name	Vega
Part Number	VEG-HB-100W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Hanging Kit
Power	100W
Color Rendering Index CRI	80%
Beam Angle	60° , 90° , 120°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Lumileds / Nichia
Flux	15000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
VEG-HB-100W-3000-SMD-T	3000K	100W
VEG-HB-100W-4000-SMD-T	4000K	100W
VEG-HB-100W-5700-SMD-T	5000K	100W

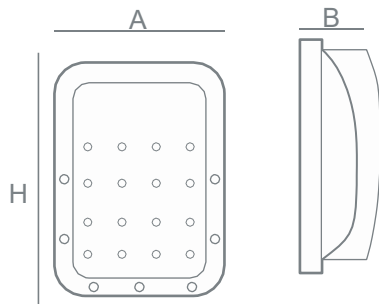




# Vega HBV2 High Bay

## FEATURES

- ◆ Fixture designed for Harsh and hot environments. High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Warehouse, Factories, Toll Stations, Gas Stations, SuperMarkets, Exhibition halls, Stadiums, Car Parks



### PRODUCT DIMENSION

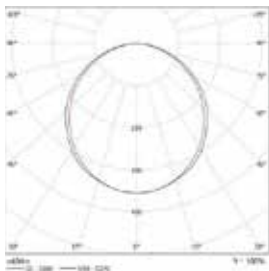
Model	A mm	H mm	B mm
VEG-HBV2-100W-XX-SMD-T	300	370	140

## PRODUCT DETAILS

Family Name	Vega
Part Number	VEG-HBV2-100W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Hanging Kit
Power	100W
Color Rendering Index CRI	80%
Beam Angle	60°, 90°, 120°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Lumileds / Nichia
Flux	15000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE

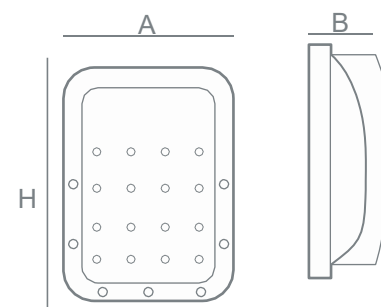


Order Code	Color Temperature	LED Power
VEG-HBV2-100W-3000-SMD-T	3000K	100W
VEG-HBV2-100W-4000-SMD-T	4000K	100W
VEG-HBV2-100W-5700-SMD-T	5700K	100W

# Vega HBV2 High Bay

## FEATURES

- ◆ Fixture designed for Harsh and hot environments. High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Warehouse, Factories, Toll Stations, Gas Stations, SuperMarkets, Exhibition halls, Stadiums, Car Parks



## PRODUCT DIMENSION

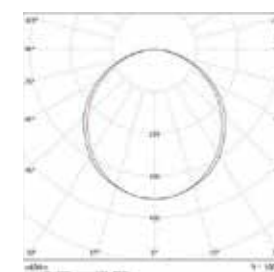
Model	A mm	H mm	B mm
VEG-HBV2-150W-XX-SMD-T	305	370	140

## PRODUCT DETAILS

Family Name	Vega
Part Number	VEG-HBV2-150W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Hanging Kit
Power	150W
Color Rendering Index CRI	80%
Beam Angle	60°, 90°, 120°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Lumileds / Nichia
Flux	22500 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



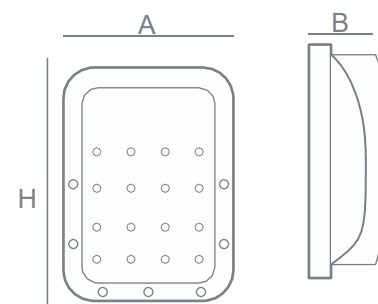
Order Code	Color Temperature	LED Power
VEG-HBV2-150W-3000-SMD-T	3000K	150W
VEG-HBV2-150W-4000-SMD-T	4000K	150W
VEG-HBV2-150W-5700-SMD-T	5700K	150W



# Vega HBV2 High Bay

## FEATURES

- ◆ Fixture designed for Harsh and hot environments. High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Warehouse, Factories, Toll Stations, Gas Stations, SuperMarkets, Exhibition halls, Stadiums, Car Parks

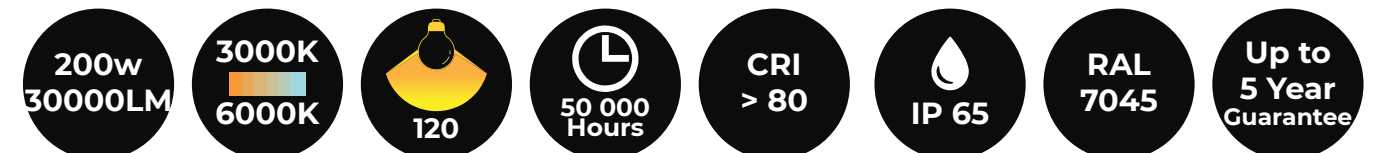


## PRODUCT DIMENSION

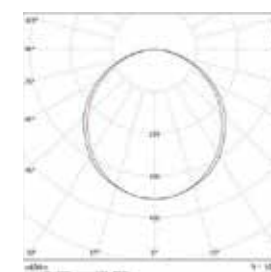
Model	A mm	H mm	B mm
VEG-HBV2-200W-XX-SMD-T	305	370	140

## PRODUCT DETAILS

Family Name	Vega
Part Number	VEG-HBV2-200W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Hanging Kit
Power	200W
Color Rendering Index CRI	80%
Beam Angle	60° , 90° , 120°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Lumileds / Nichia
Flux	30000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
VEG-HBV2-200W-3000-SMD-T	3000K	200W
VEG-HBV2-200W-4000-SMD-T	4000K	200W
VEG-HBV2-200W-5700-SMD-T	5700K	200W



CANOPUS  
Canopy Light





# APPLICATION

Gas Stations, Factories, Industrial Areas, Shopping Centers, Green Houses, Farms



# FEATURES

Canopus Family has a fixture designed for Harsh and Hot environments

The product used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human and the environment.

High power saving fixture, no decay and color temperature shift.

Can be dimmable (through direct control or via network) and not dimmable.





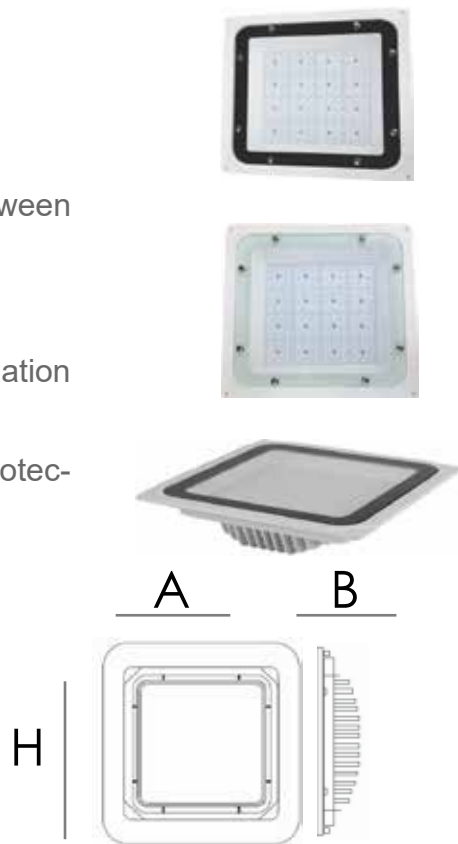
# Canopus Canopy

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.

## PRODUCT APPLICATION

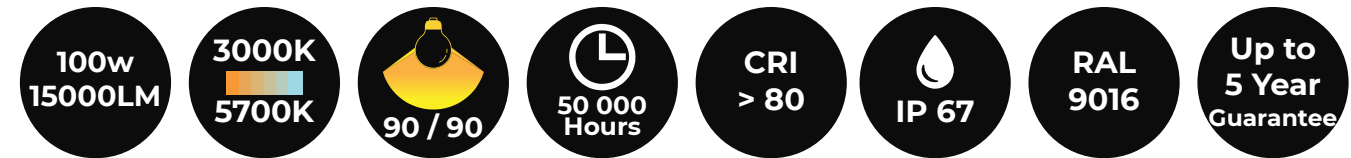
Gas Station, Factory, Industrial Area, Shopping Center, Green House, Football field, Car Park, Warehouse, General Lighting etc...



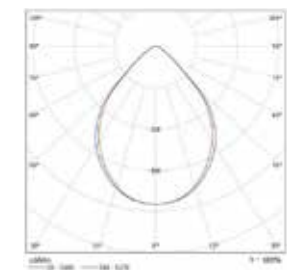
PRODUCT DIMENSION			
Model	A mm	H mm	B mm
CAN-UCAN-V2-100-XX	335	335	70

## PRODUCT DETAILS

Family Name	Canopus
Part Number	CAN-UCAN-V2-100-XX
Materials	Aluminum, Pc and Eco- Friendly materials
Humidity	10 - 80%
Storage Power	100W
Color Rendering Index CRI	80%
Beam Angle	90° x 90°
Storage Temperature	- 40 - +85°C
IP Rating	IP67
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/ W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	15000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
CAN-UCAN-V2-100-3000	3000K	100W
CAN-UCAN-V2-100-4000	4000K	100W
CAN-UCAN-V2-100-5700	5700K	100W





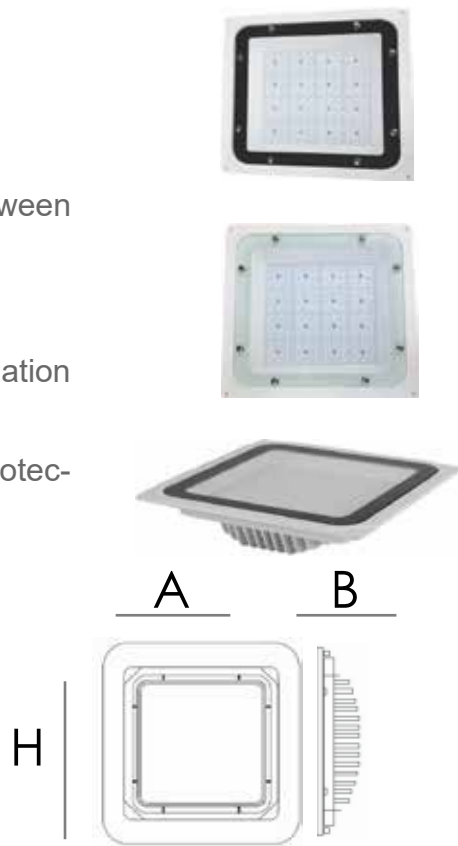
# Canopus Canopy

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.

## PRODUCT APPLICATION

Gas Station, Factory, Industrial Area, Shopping Center, Green House, Football field, Car Park, Warehouse, General Lighting etc...



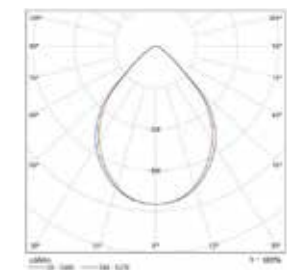
PRODUCT DIMENSION			
Model	A mm	H mm	B mm
CAN-UCAN-V2-125-XX	335	335	70

## PRODUCT DETAILS

Family Name	Canopus
Part Number	CAN-UCAN-V2-125-XX
Materials	Aluminum, Pc and Eco- Friendly materials
Humidity	10 - 80%
Storage Power	125W
Color Rendering Index CRI	80%
Beam Angle	90° x 90°
Storage Temperature	- 40 - +85°C
IP Rating	IP67
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/ W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	18750 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
CAN-UCAN-V2-125-3000	3000K	125W
CAN-UCAN-V2-125-4000	4000K	125W
CAN-UCAN-V2-125-5700	5700K	125W

# SIGMA Flood Light

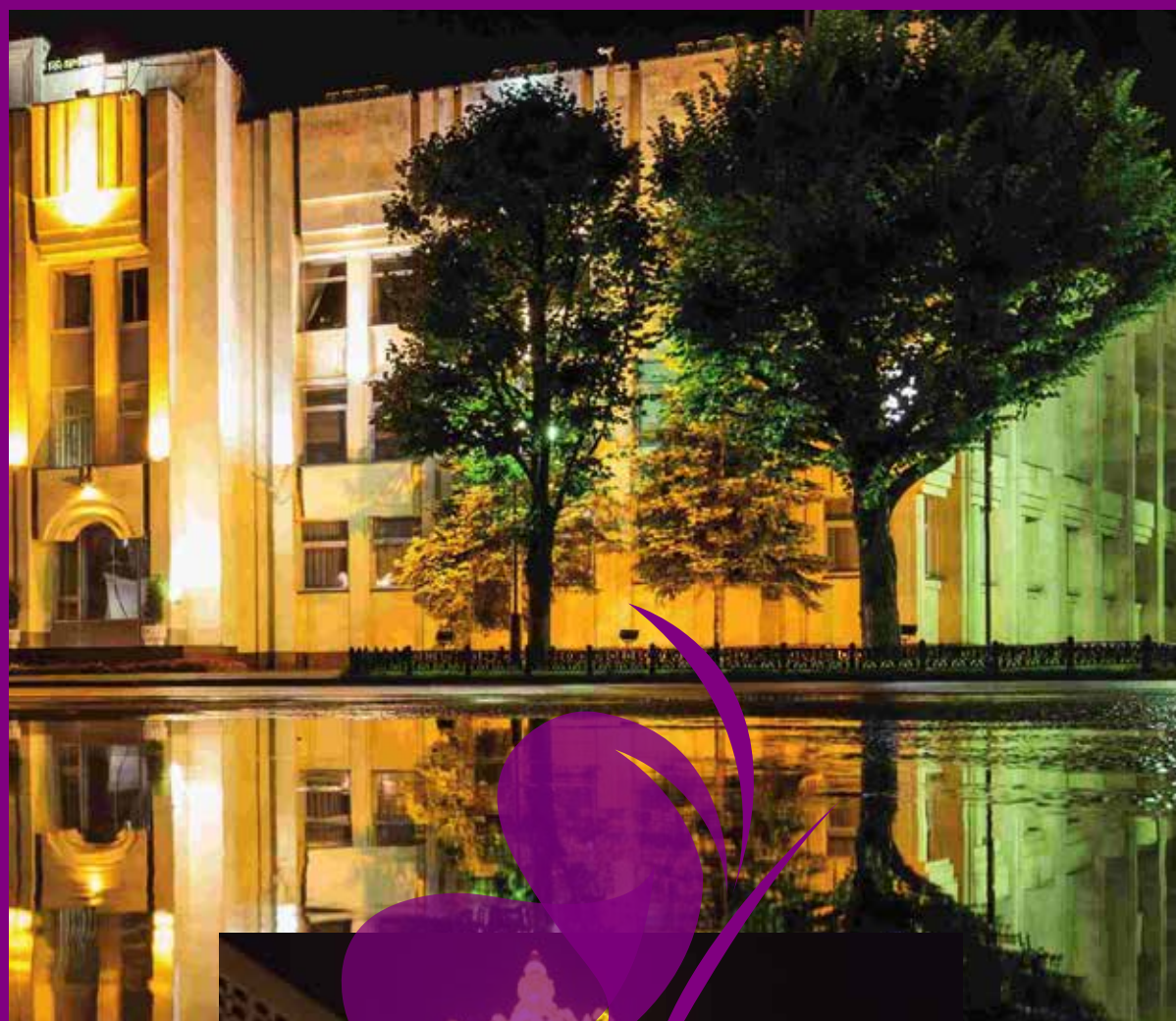






# APPLICATION

Ideal for presenting big and tall buildings from outside, Like Towers, Government Buildings, Malls, Mosques, Commercial Buildings, Main Land marks.



# FEATURES

Sigma Family offers high cooling aluminum with zip technology and 3D cooling created air convection channel, make it good even for hot areas.

High lumen output and high power saving fixture.

Driver very well protected with universal input voltage 100-250 VAC.

Over temperature protection, Overload protection, Short-circuit protection and No-load protection.

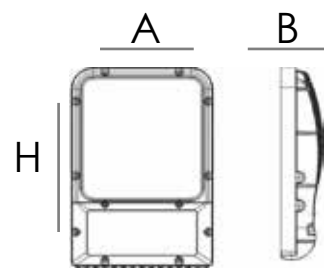




# Sigma Flood Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

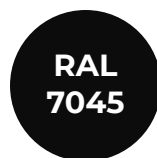


### PRODUCT DIMENSION

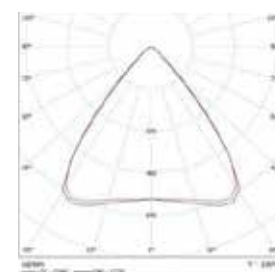
Model	A mm	H mm	B mm
SIG-FL-50W-XX-SMD-T	190	290	55

## PRODUCT DETAILS

Family Name	Sigma
Part Number	SIG-FL-50W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	50W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	7500 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



### Order Code

### Color Temperature

### LED Power

SIG-FL-50W-3000-SMD-T	3000K	50W
SIG-FL-50W-4000-SMD-T	4000K	50W
SIG-FL-50W-5700-SMD-T	5700K	50W

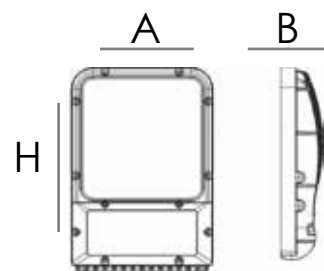




## Sigma Flood Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

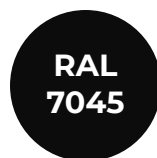


#### PRODUCT DIMENSION

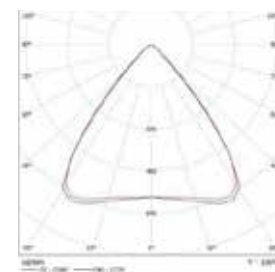
Model	A mm	H mm	B mm
SIG-FL-100W-XX-SMD-T	235	415	90

### PRODUCT DETAILS

Family Name	Sigma
Part Number	SIG-FL-100W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	100W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	15000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



#### Order Code

#### Color Temperature

#### LED Power

SIG-FL-100W-3000-SMD-T	3000K	100W
SIG-FL-100W-4000-SMD-T	4000K	100W
SIG-FL-100W-5700-SMD-T	5700K	100W

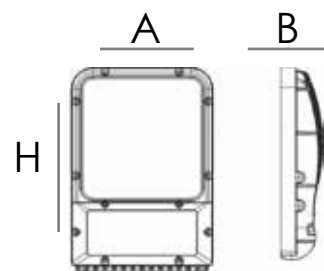




## Sigma Flood Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



#### PRODUCT DIMENSION

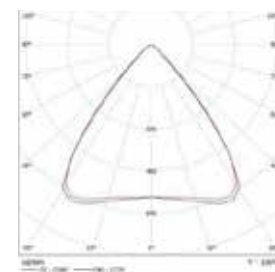
Model	A mm	H mm	B mm
SIG-FL-150W-XX-SMD-T	310	555	95

### PRODUCT DETAILS

Family Name	Sigma
Part Number	SIG-FL-150W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	150W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	22500 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



#### Order Code

#### Color Temperature

#### LED Power

SIG-FL-150W-3000-SMD-T	3000K	150W
SIG-FL-150W-4000-SMD-T	4000K	150W
SIG-FL-150W-5700-SMD-T	5700K	150W





# Sigma Flood Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

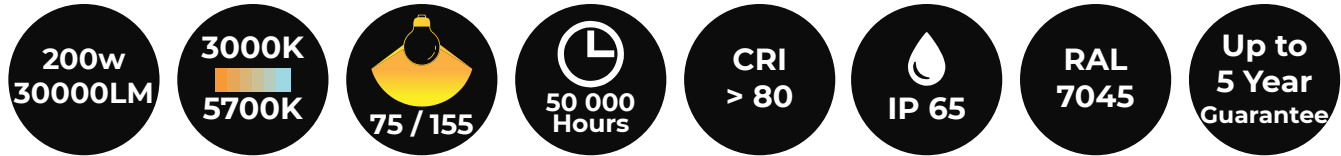
Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



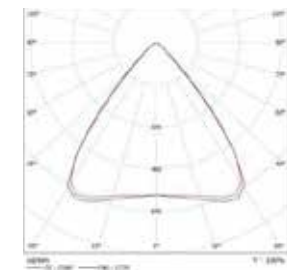
PRODUCT DIMENSION			
Model	A mm	H mm	B mm
SIG-FL-200W-XX-SMD-T	310	555	95

## PRODUCT DETAILS

Family Name	Sigma
Part Number	SIG-FL-200W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	200W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	30000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



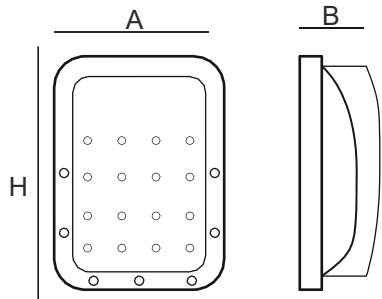
Order Code	Color Temperature	LED Power
SIG-FL-200W-3000-SMD-T	3000K	200W
SIG-FL-200W-4000-SMD-T	4000K	200W
SIG-FL-200W-5700-SMD-T	5700K	200W



# Sigma Flood Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.

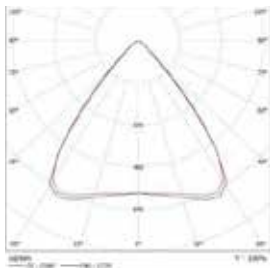


## PRODUCT DETAILS

Family Name	Sigma
Part Number	SIG-FL-250W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	250W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	37500 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



PRODUCT DIMENSION			
Model	A mm	H mm	B mm
SIG-FL-250W-XX-SMD-T	305	370	140

Order Code	Color Temperature	LED Power
SIG-FL-250W-3000-SMD-T	3000K	250W
SIG-FL-250W-4000-SMD-T	4000K	250W
SIG-FL-250W-5700-SMD-T	5700K	250W



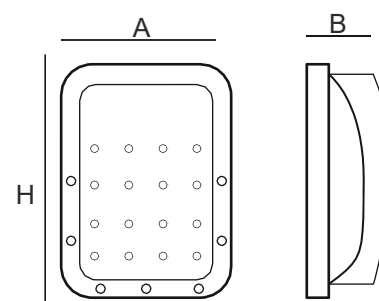
# Sigma Flood Light

## PRODUCT DETAILS

Family Name	Sigma
Part Number	SIG-FL-280W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	280W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	42000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP20, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



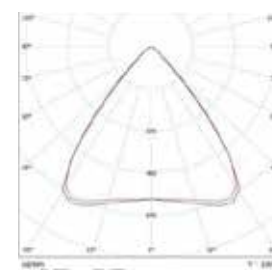
## BEAM ANGLE

## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

### PRODUCT DIMENSION

Model	A mm	H mm	B mm
SIG-FL-280W-XX-SMD-T	305	370	140



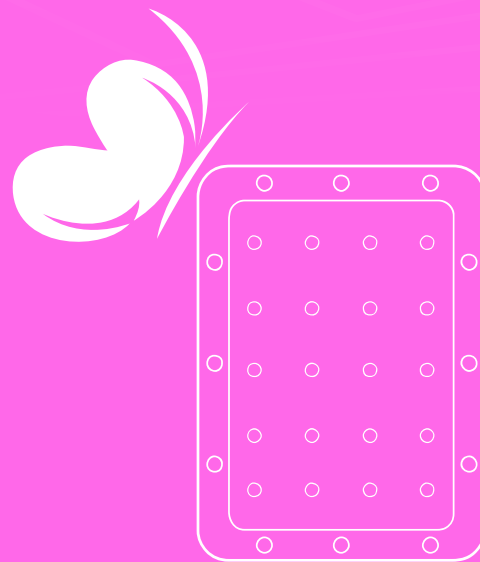
### Order Code

### Color Temperature

### LED Power

SIG-FL-280W-3000-SMD-T	3000K	280W
SIG-FL-280W-4000-SMD-T	4000K	280W
SIG-FL-280W-5700-SMD-T	5700K	280W





# RIGEL Flood Light RGB





# APPLICATION

Ideal for presenting big and tall buildings from outside, Like Towers, Government Buildings, Malls, Mosques, Commercial Buildings, Main Land marks.



# FEATURES

Rigel Family offers high cooling aluminum with zip technology and 3D cooling created air convection channel, make it good even for hot areas.

High lumen output and high power saving fixture.

Driver very well protected with universal input voltage 100-250 VAC.

Over temperature protection, Overload protection, Short-circuit protection and No-load protection.

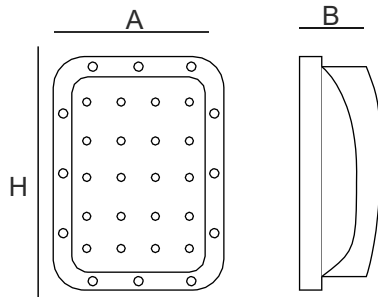




# Rigel Flood Light RGB

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

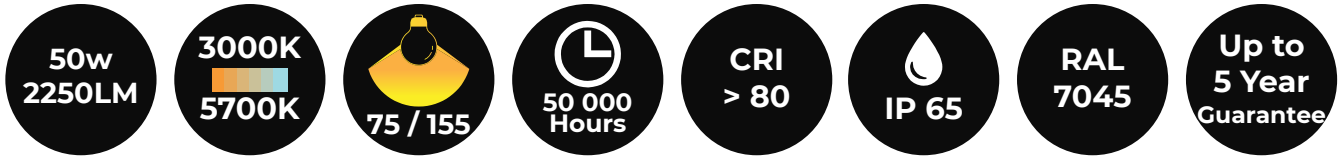
Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



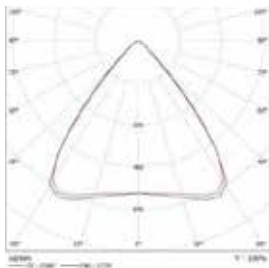
PRODUCT DIMENSION			
Model	A mm	H mm	B mm
RIG-FL-50W-XX-SMD-T	305	370	140

## PRODUCT DETAILS

Family Name	Rigel
Part Number	RIG-FL-50W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	50W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	45 - 55 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	2250 Lum
Correlated Color Temperature CCT	RED / YELLOW / BLUE
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
RIG-FL-50W-RED-SMD-T	RED	50W
RIG-FL-50W-GRE-SMD-T	GREEN	50W
RIG-FL-50W-BLUE-SMD-T	BLUE	50W
RIG-FL-50W-RGB-SMD-T	RGB	50W

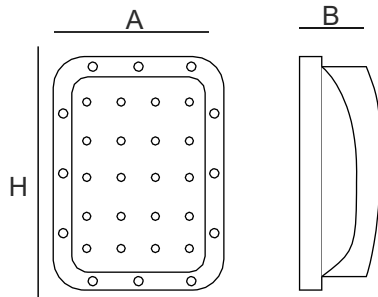




# Rigel Flood Light RGB

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

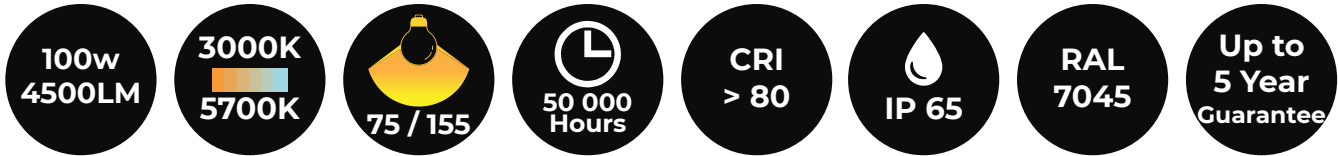
Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



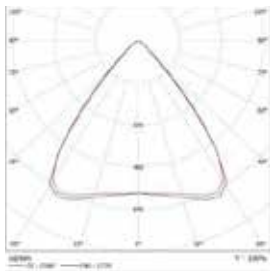
PRODUCT DIMENSION			
Model	A mm	H mm	B mm
RIG-FL-100W-XX-SMD-T	305	370	140

## PRODUCT DETAILS

Family Name	Rigel
Part Number	RIG-FL-100W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	100W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	45 - 55 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, DMX, Dali
Flux	4500 Lum
Correlated Color Temperature CCT	RED / YELLOW / BLUE
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
RIG-FL-100W-RED-SMD-T	RED	100W
RIG-FL-100W-GRE-SMD-T	GREEN	100W
RIG-FL-100W-BLUE-SMD-T	BLUE	100W
RIG-FL-100W-RGB-SMD-T	RGB	100W

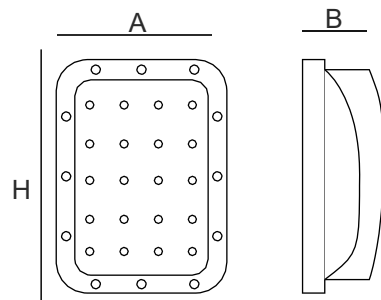
# Rigel Flood Light RGB

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.

## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...

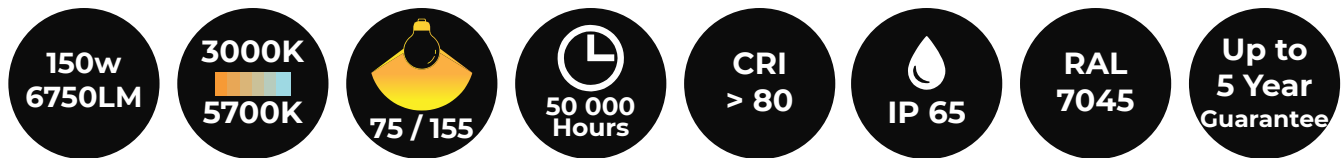


## PRODUCT DIMENSION

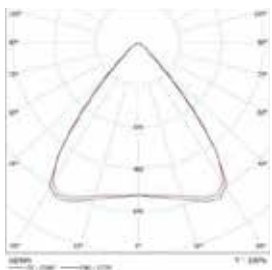
Model	A mm	H mm	B mm
RIG-FL-150W-XX-SMD-T	305	370	140

## PRODUCT DETAILS

Family Name	Rigel
Part Number	RIG-FL-150W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	150W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	45 - 55 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, DMX, Dali
Flux	6750 Lum
Correlated Color Temperature CCT	RED / YELLOW / BLUE
Warranty	Up to 5 Years



## BEAM ANGLE



Order Code	Color Temperature	LED Power
RIG-FL-150W-RED-SMD-T	RED	150W
RIG-FL-150W-GRE-SMD-T	GREEN	150W
RIG-FL-150W-BLUE-SMD-T	BLUE	150W
RIG-FL-150W-RGB-SMD-T	RGB	150W



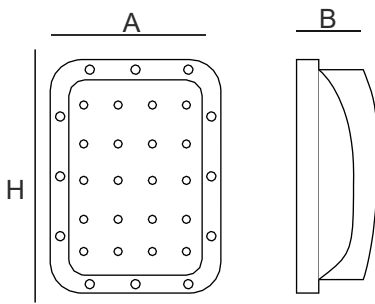
# Rigel Flood Light RGB

## PRODUCT DETAILS

Family Name	Rigel
Part Number	RIG-FL-200W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	200W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	45 - 55 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, DMX, Dali
Flux	9000 Lum
Correlated Color Temperature CCT	RED / YELLOW / BLUE
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



200w  
9000LM

3000K  
5700K

75 / 155

50 000  
Hours

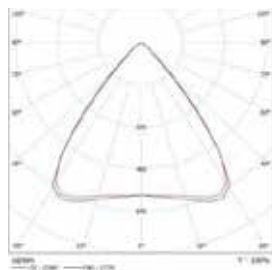
CRI  
> 80

IP 65

RAL  
7045

Up to  
5 Year  
Guarantee

## BEAM ANGLE



## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



## PRODUCT DIMENSION

Model	A mm	H mm	B mm
RIG-FL-200W-XX-SMD-T	305	370	140

Order Code	Color Temperature	LED Power
RIG-FL-200W-RED-SMD-T	RED	200W
RIG-FL-200W-GRE-SMD-T	GREEN	200W
RIG-FL-200W-BLUE-SMD-T	BLUE	200W
RIG-FL-200W-RGB-SMD-T	RGB	200W

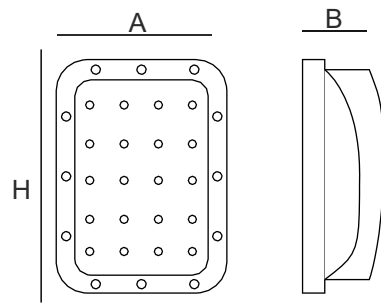
# Rigel Flood Light RGB

## PRODUCT DETAILS

Family Name	Rigel
Part Number	RIG-FL-250W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials, Tempered glass
Installation	Sheet metal foot
Power	250W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	45 - 55 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030
Flux	11250 Lum
Correlated Color Temperature CCT	RED / YELLOW / BLUE
Warranty	Up to 5 Years

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP65, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



250w  
11250LM

3000K  
5700K

75 / 155

50 000  
Hours

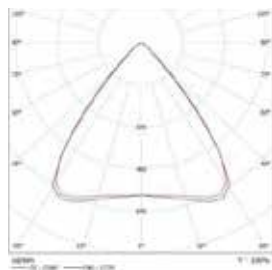
CRI  
> 80

IP 65

RAL  
7045

Up to  
5 Year  
Guarantee

## BEAM ANGLE



Order Code	Color Temperature	LED Power
RIG-FL-250W-RED-SMD-T	RED	250W
RIG-FL-250W-GRE-SMD-T	GREEN	250W
RIG-FL-250W-BLUE-SMD-T	BLUE	250W
RIG-FL-250W-RGB-SMD-T	RGB	250W

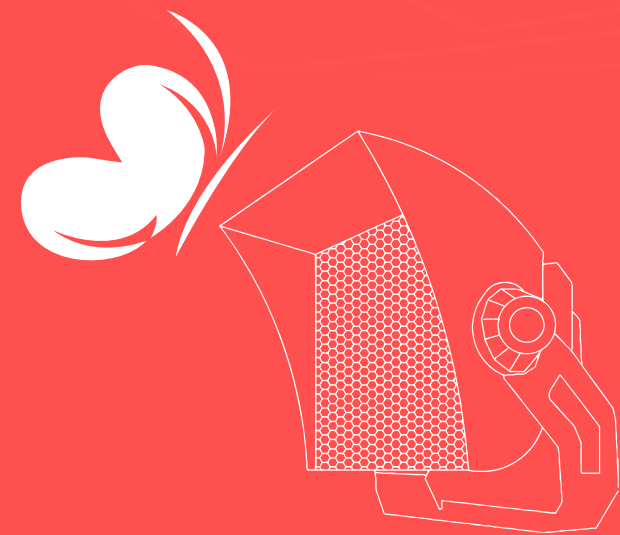
## PRODUCT APPLICATION

Museum, Green House, Factory Industrial area, Football field, Hotel, Warehouse, General Lighting etc...



PRODUCT DIMENSION			
Model	A mm	H mm	B mm
RIG-FL-250W-XX-SMD-T	305	370	140





GAMMA  
Flood  
Light



# APPLICATION

Parking lot, Airport, Football field, Port, Large Plazas, Wharf, etc.



# FEATURES

Gamma family designed to provide customers with best lighting performance and efficiency.

Up to 145lm/W, light weight, compact size can replace traditional 1000W and 2000W

10KV surge protection.

Wide range of lumen output package from 57,000lm up to 160,000lm

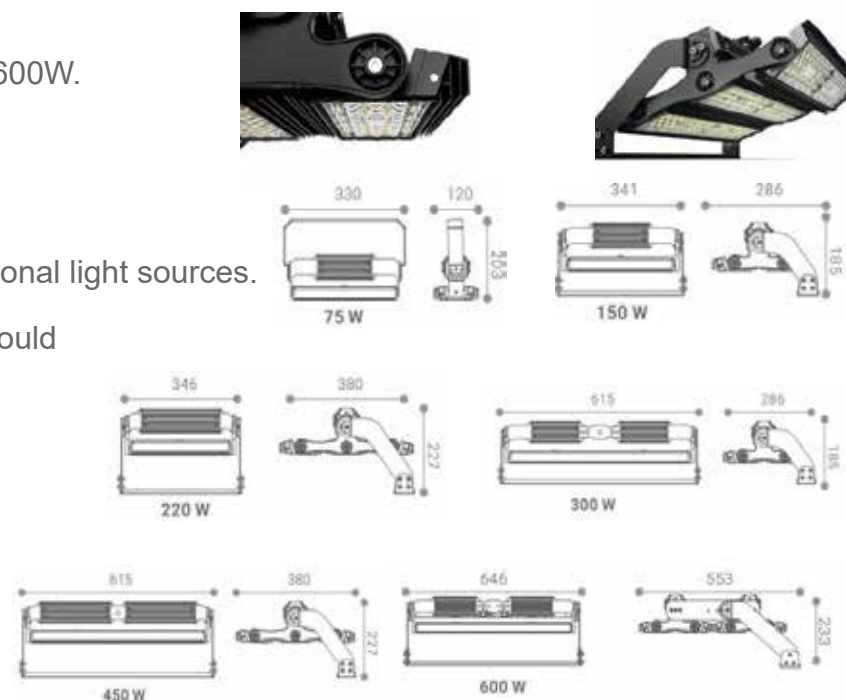




# Gamma V Flood Light

## FEATURES

- ◆ Range; 75W/150W; 220W/300W/450W/600W.
- ◆ Adjustable projecting direction.
- ◆ Instant ON/OFF; No UV / flickering.
- ◆ 50% less power consumption than traditional light sources.
- ◆ Use ultra-high brightness, Chips which could UP to 145lm/W.
- ◆ 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Parking lot, Airport , Factories, Warehouse, Football Field, Port Large Plazas, Wharf, etc...



## PRODUCT DIMENSION

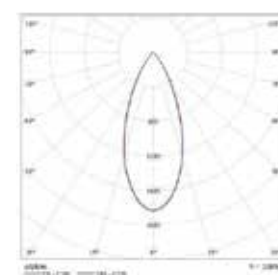
Model	A mm	B mm
GAM-V-75W-XXXX	330	203
GAM-V-150W-XXXX	341	185
GAM-V-220W-XXXX	346	227
GAM-V-300W-XXXX	615	185
GAM-V-450W-XXXX	615	227
GAM-V-600W-XXXX	646	233

## PRODUCT DETAILS

Family Name	Gamma
Part Number	GAM-V-XW-XXXX
Materials	Extruded 6063AL Structure, powder coated finish, tempered glass, polycarbonate Lens.
Power Supply	Philips/Gruenes Licht/Meanwell/Tridonic
Installation	Grounded / wall / pole Mounting
Power	75w/150w/220w/300w/450w/600w
Color Rendering Index CRI	80%.
Beam Angle	30° / 50° / 70° / 90°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	145 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>0.98
LEDs	Lifud / Meanwell /Philips
Flux	10,875/21,750/31,900/43,500/65,250 Lum
Correlated Color Temperature CCT.	4000 / 5000 / 6000K
Warranty	Up to 5 Years



## BEAM ANGLE

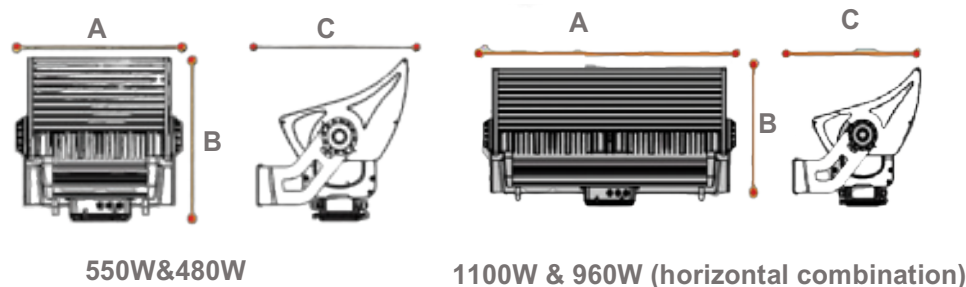


Order Code	Color Temperature	LED Power
GAM-V-75W-XXXX	4000/5000/6000K	75W
GAM-V-150W-XXXX	4000/5000/6000K	150W
GAM-V-220W-XXXX	4000/5000/6000K	220W
GAM-V-300W-XXXX	4000/5000/6000K	300W
GAM-V-450W-XXXX	4000/5000/6000K	450W
GAM-V-600W-XXXX	4000/5000/6000K	600W

# Gamma S Flood Light

## FEATURES

- ◆ Range; 75W/150W; 220W/300W/450W/600W.
- ◆ Adjustable projecting direction.
- ◆ Instant ON/OFF; No UV / flickering.
- ◆ 50% less power consumption than traditional light sources.
- ◆ Use ultra-high brightness, Chips which could UP to 145lm/W.
- ◆ 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Parking lot, Airport , Factories, Warehouse, Football Field, Port Large Plazas, Wharf, etc...



## PRODUCT DIMENSION

Model	A mm	B mm	B mm
GAM-S-480W-XXXX	459	432	425
GAM-S-550W-XXXX	459	432	425
GAM-S-960W-XXXX	844	432	425
GAM-S-1100W-XXXX	844	432	425

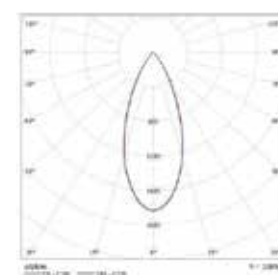
## PRODUCT DETAILS

Family Name	Gamma
Part Number	GAM-S-XW-XXXX
Materials	Die-casting ADC12 Structure, powder coated finish, tempered glass, polycarbonate Lens.
Power Supply	Philips/Gruenes Licht/Meanwell/Tridonic
Installation	Grounded / wall / pole Mounting
Power	480w/550w/960w/1100w
Color Rendering Index CRI	80/90%.
Beam Angle	9° / 15° / 30° / 90°
Storage Temperature	- 40 - +85°C
IP Rating	IP65
Lifespan	50,000 Hours
Lumen/Watt	145 Lm/W
Input	220 / 50- 60Hz
Power Factor Correction PFC	>0.9
LEDs	Lifud / Meanwell /Philips
Flux	57,600/66,000/115,200/132,000/Lum
Correlated Color Temperature CCT.	4000 / 5000
Warranty	Up to 5 Years

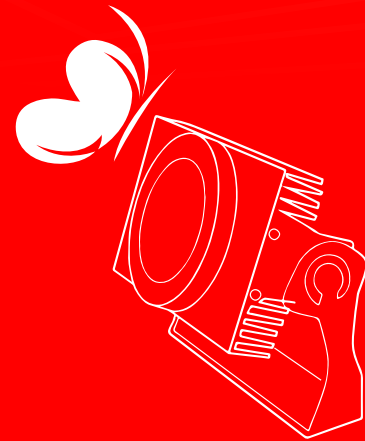


## BEAM ANGLE

Order Code	Color Temperature	LED Power
GAM-S-480W-XXXX	4000/5000K	480W
GAM-S-550W-XXXX	4000/5000K	550W
GAM-S-960W-XXXX	4000/5000K	960W
GAM-S-1100W-XXXX	4000/5000K	1100W







PROCYON  
Explosion  
Proof Light



# APPLICATION

Refinery areas, Mine areas, Gas stations, Oil & Gas Transfer, Oil & Gas Processing Facility, Oil & Gas Storage Facility, Oil & Gas Infrastructure



# FEATURES

Procyon family offers a fixture designed for Harsh and Hot environments

The product used as pure light source, using LED technology. Human and environment friendly, no PB, Hg nor UV which may harm the human and the environment.

High power saving fixture, no decay and color temperature shift

Can be dimmable (through direct control or via network) and not dimmable

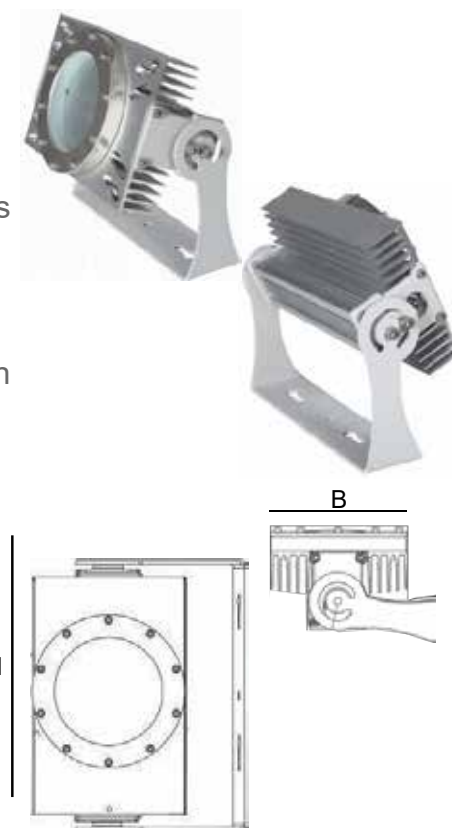




# Procyon Explosion Proof Light

## FEATURES

- ◆ Fixture designed for Harsh and hot explosion environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP68, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



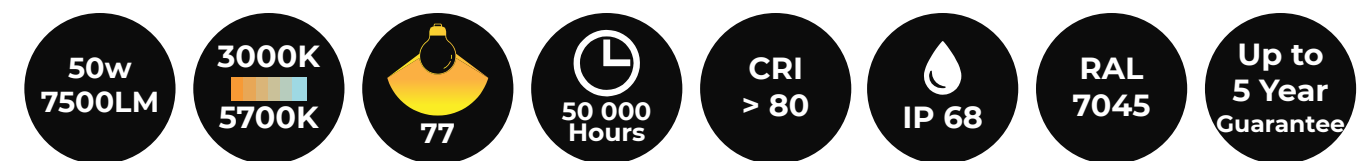
## PRODUCT APPLICATION

Refinery area, Mine area , Gas stations, Oil & Gas Transfer, Oil & Gas Processing Facility, Oil & Gas Storage Facility, Oil & Gas Infrastructure etc...

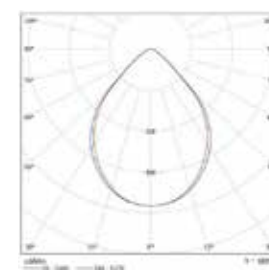


## PRODUCT DETAILS

Family Name	Procyon
Part Number	PRO-TUL-50W-XX-SMD-T-EXP
Materials	4 mm Tempered Glass,Quality-Anodic Oxidation Covered Aluminium Profile GE Bayar Silicon, Vulkanize, (45-55-65) Shore-A
Installation	On Surface / Pole
Power	50W
Color Rendering Index CRI	80%
Beam Angle	77°
Storage Temperature	- 40 - +85°C
IP Rating	IP68
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030 Lumiled, Philips / Nichia
Flux	7500 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



## PRODUCT DIMENSION

Model	A mm	B mm
PRO-TUL-50W-XX-SMD-T-EXP	270	173

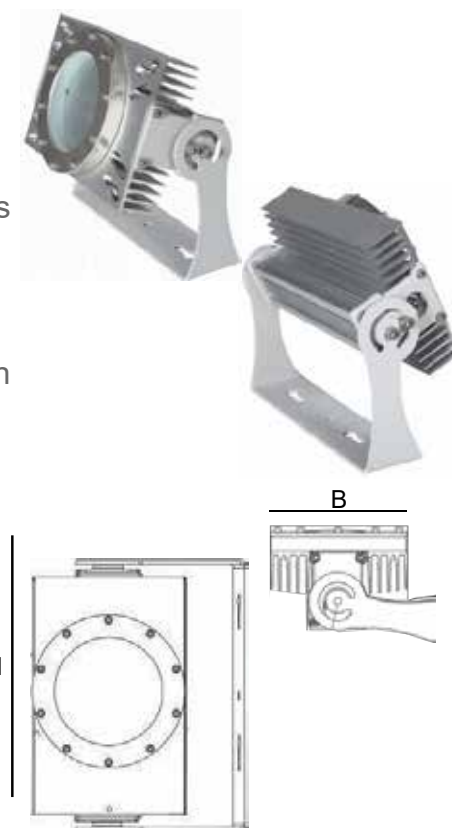
Order Code	Color Temperature	LED Power
PRO-TUL-50W-3000-SMD-T-EXP	3000K	50W
PRO-TUL-50W-4000-SMD-T-EXP	4000K	50W
PRO-TUL-50W-5700-SMD-T-EXP	5700K	50W



# Procyon Explosion Proof Light

## FEATURES

- ◆ Fixture designed for Harsh and hot explosion environments.
- ◆ High lumen output.
- ◆ Power saving: as it replaces the Sodium, metal halide so it saves between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP68, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



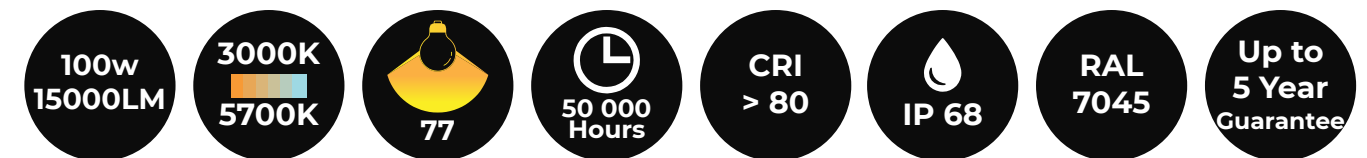
## PRODUCT APPLICATION

Refinery area, Mine area , Gas stations, Oil & Gas Transfer, Oil & Gas Processing Facility, Oil & Gas Storage Facility, Oil & Gas Infrastructure etc...

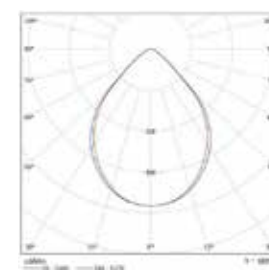


## PRODUCT DETAILS

Family Name	Procyon
Part Number	PRO-TUL-100W-XX-SMD-T-EXP
Materials	4 mm Tempered Glass,Quality-Anodic Oxidation Covered Aluminium Profile GE Bayar Silicon, Vulkanize, (45-55-65) Shore-A
Installation	On Surface / Pole
Power	100W
Color Rendering Index CRI	80%
Beam Angle	77°
Storage Temperature	- 40 - +85°C
IP Rating	IP68
Lifespan	50,000 Hours
Lumen/Watt	150/160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030 Lumiled, Philips / Nichia
Flux	15000 Lum
Correlated Color Temperature CCT	5700/ 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE

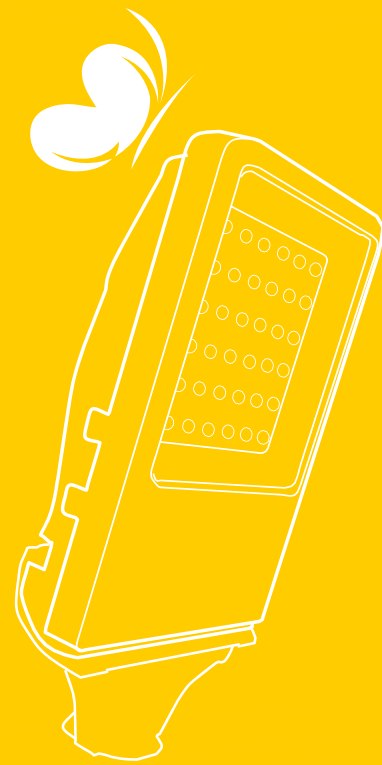


## PRODUCT DIMENSION

Model	A mm	B mm
PRO-TUL-100W-XX-SMD-T-EXP	270	173

Order Code	Color Temperature	LED Power
PRO-TUL-100W-3000-SMD-T-EXP	3000K	100W
PRO-TUL-100W-4000-SMD-T-EXP	4000K	100W
PRO-TUL-100W-5700-SMD-T-EXP	5700K	100W





# MERAK Street Light



# APPLICATION

Ideal for collector roads, local roads, commercial and Industrial complexes, driveway, open areas, public squares, parks and playgrounds, factories, airports



# FEATURES

Merak family Fixture designed for Harsh and hot environments.

High Power saving fixture.

Modularity Design: Each led module can be replaced separately.

Aluminium heat dissipate on module has surface anodic oxidation process to make It very res stant and anti-aging fixture.

Aluminium heat dissipate on module has surface anodic oxidation process to make It very res stant and anti-aging fixture.

The Drivers included and its IP65 and PF>0.9.

Dimmable option available with different control options.



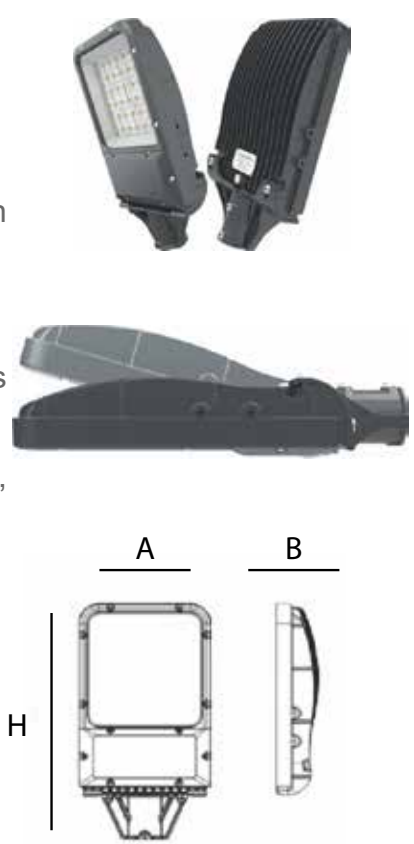




# Merak Street Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

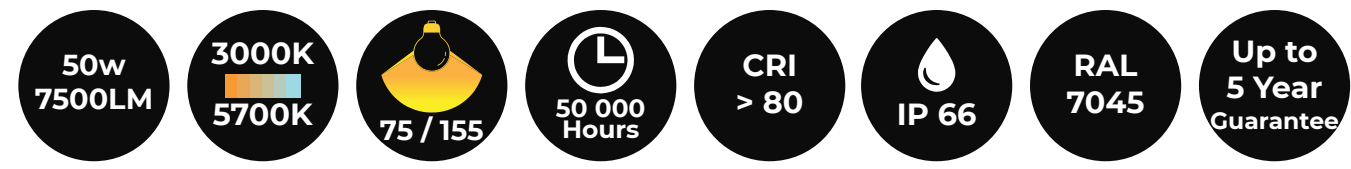
Local Roads, Commercial and industrial complexes, Open Areas, Public Squares, Parks and Playgrounds, Factories etc..



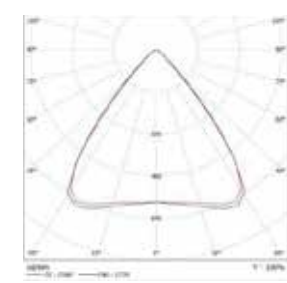
PRODUCT DIMENSION			
Model	A mm	H mm	B mm
MER-ST-50W-XX-SMD-T	190	290	55

## PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-50W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	50W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	42000 Lum
Correlated Color Temperature CCT	5700 / 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



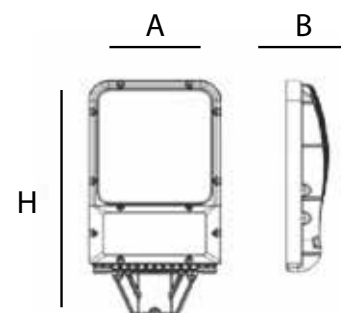
Order Code	Color Temperature	LED Power
MER-ST-50W-3000-SMD-T	3000K	50W
MER-ST-50W-4000-SMD-T	4000K	50W
MER-ST-50W-5700-SMD-T	5700K	50W



## Merak Street Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Residential roads, Cycle path, Road under wet conditions, Street Lamp Mixed traffic street, secondary roads, Industrial roads, Green House, Factory Industrial Area, Football field, Car Park, Warehouse, General Lighting etc.

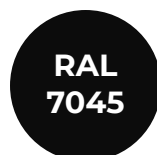


### PRODUCT DIMENSION

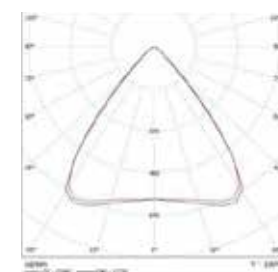
Model	A mm	H mm	B mm
MER-ST-100W-XX-SMD-T	235	415	90

### PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-100W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	100W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	15000 Lum
Correlated Color Temperature CCT	5700 / 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



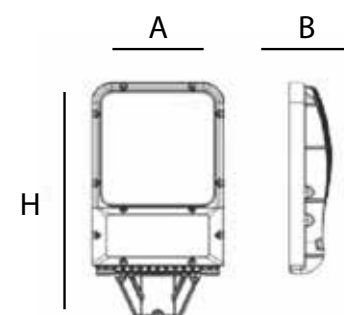
Order Code	Color Temperature	LED Power
MER-ST-100W-3000-SMD-T	3000K	100W
MER-ST-100W-4000-SMD-T	4000K	100W
MER-ST-100W-5700-SMD-T	5700K	100W





## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Residential roads, Cycle path, Road under wet conditions, Street Lamp Mixed traffic street, secondary roads, Industrial roads, Green House, Factory Industrial Area, Football field, Car Park, Warehouse, General Lighting etc.



### PRODUCT DIMENSION

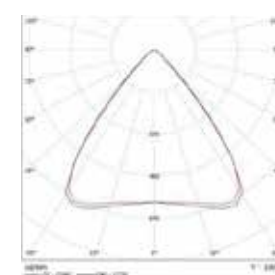
Model	A mm	H mm	B mm
MER-ST-150W-XX-SMD-T	315	555	95

## PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-150W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	150W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	22500 Lum
Correlated Color Temperature CCT	5700 / 4000 / 3000
Warranty	Up to 5 Years



## BEAM ANGLE



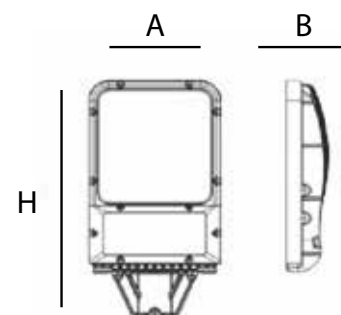
Order Code	Color Temperature	LED Power
MER-ST-150W-3000-SMD-T	3000K	150W
MER-ST-150W-4000-SMD-T	4000K	150W
MER-ST-150W-5700-SMD-T	5700K	150W



## Merak Street Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Residential roads, Cycle path, Road under wet conditions, Street Lamp Mixed traffic street, secondary roads, Industrial roads, Green House, Factory Industrial Area, Football field, Car Park, Warehouse, General Lighting etc.



### PRODUCT DIMENSION

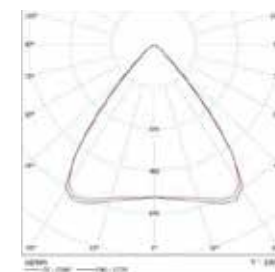
Model	A mm	H mm	B mm
MER-ST-200W-XX-SMD-T	310	555	95

### PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-200W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	200W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	30000 Lum
Correlated Color Temperature CCT	5700 / 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



Order Code	Color Temperature	LED Power
MER-ST-200W-3000-SMD-T	3000K	200W
MER-ST-200W-4000-SMD-T	4000K	200W
MER-ST-200W-5700-SMD-T	5700K	200W

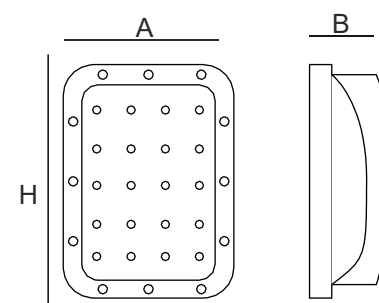




## Merak Street Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Residential roads, Cycle path, Road under wet conditions, Street Lamp Mixed traffic street, secondary roads, Industrial roads, Green House, Factory Industrial Area, Football field, Car Park, Warehouse, General Lighting etc.



### PRODUCT DIMENSION

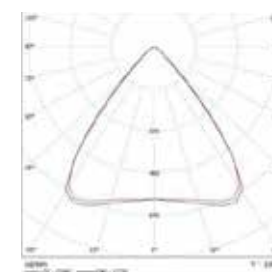
Model	A mm	H mm	B mm
MER-ST-250W-XX-SMD-T	305	370	140

### PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-250W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	250W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	37500 Lum
Correlated Color Temperature CCT	5700 / 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



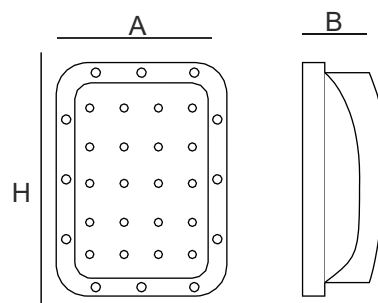
Order Code	Color Temperature	LED Power
MER-ST-250W-3000-SMD-T	3000K	250W
MER-ST-250W-4000-SMD-T	4000K	250W
MER-ST-250W-5700-SMD-T	5700K	250W



## Merak Street Light

### FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



### PRODUCT APPLICATION

Residential roads, Cycle path, Road under wet conditions, Street Lamp Mixed traffic street, secondary roads, Industrial roads, Green House, Factory Industrial Area, Football field, Car Park, Warehouse, General Lighting etc.



### PRODUCT DIMENSION

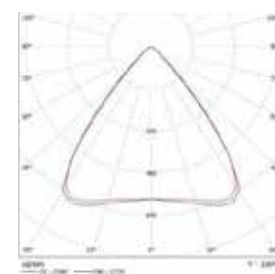
Model	A mm	H mm	B mm
MER-ST-280W-XX-SMD-T	305	370	140

### PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-280W-XX-SMD-T
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	280W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	42000 Lum
Correlated Color Temperature CCT	5700 / 4000 / 3000
Warranty	Up to 5 Years



### BEAM ANGLE



### Order Code

### Color Temperature

### LED Power

MER-ST-280W-3000-SMD-T	3000K	280W
MER-ST-280W-4000-SMD-T	4000K	280W
MER-ST-280W-5700-SMD-T	5700K	280W

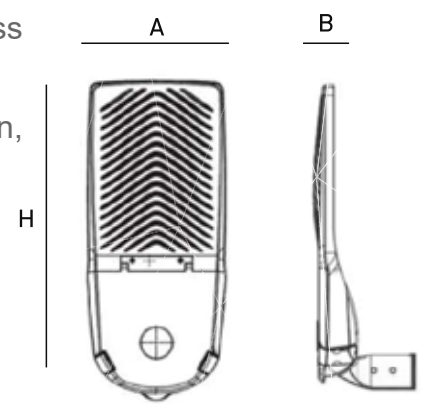




# Merak Street Light

## FEATURES

- ◆ Fixture designed for Harsh and hot environments.
- ◆ High lumen output.
- ◆ Power saving: as it replace the Sodium, metal halide so it save between 50% to 75% of the consumed power.
- ◆ Unlimited numbers of on/off switching cycles.
- ◆ Aluminum heat dissipation module has surface anodic oxidation process to make it very resistant and anti-aging fixture
- ◆ Over temperature protection, Overload protection, Short-circuit protection, and No-load protection.
- ◆ The Driver is included and it is IP66, and PF>0.9.
- ◆ Dimmable option available with different control options Long life 50000 Hours.
- ◆ Up to five years warranty.



## PRODUCT APPLICATION

Residential roads, Cycle path, Road under wet conditions, Street Lamp Mixed traffic street, secondary roads, Industrial roads, Green House, Factory Industrial Area, Football field, Car Park, Warehouse, General Lighting etc.



PRODUCT DIMENSION			
Model	A mm	H mm	B mm
MER-ST-FAL-65/100/140/170-XX	290	530	100
MER-ST-FAL-200/240-XX	290	665	100

## ADVANTAGES



**Level Meter**  
Ensures the fixture's parallel installation to the surface.



**Power Cut**  
Provides security by cutting of the luminaire's power while the lid is open.



**Mounting Console**  
Pole console is suitable for mounting horizontally and vertically, ranging from -15 to +15 degrees.



**No- Screw Lid**  
Tool-less and no-screw access to the driver's case.

## EXPLODED VIEW

- 1 Driver Cover Hinge
- 2 Driver Cover
- 3 Ventilation Plug
- 4 Driver Cover Gasket
- 5 Power Cut
- 6 LED Driver
- 7 Level Meter
- 8 Surge Protector
- 9 Cable Gland
- 10 Ventilation Plug
- 11 Housing
- 12 Mounting Console
- 13 LED PCB
- 14 Lens
- 15 Glass Gasket
- 16 Front Glass

PRODUCT DETAILS

Family Name	Merak
Part Number	MER-ST-FAL-XX-XX
Materials	Aluminum, Pc and Eco- Friendly materials
Installation	With pole
Power	65W/100W/140W/170W/200W/240W
Color Rendering Index CRI	80%
Beam Angle	75 x 155°
Storage Temperature	- 40 - +85°C
IP Rating	IP66
Lifespan	50,000 Hours
Lumen/Watt	150 - 160 Lm/W
Input	220 VAC / 50- 60Hz
Power Factor Correction PFC	>.90
LEDs	SMD 3030, Philips / Nichia
Flux	9750 / 15,000 / 21000 / 25,500 / 30,000 / 36,000Lum
Correlated Color Temperature CCT	3000 / 4000 / 5700 / 6500
Warranty	Up to 5 Years

65-240W  
9750-36,00LM

3000K  
6500K

75 / 155

50 000  
Hours

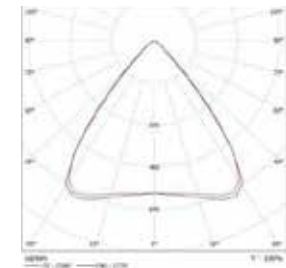
CRI  
> 80

IP 66

RAL  
7045

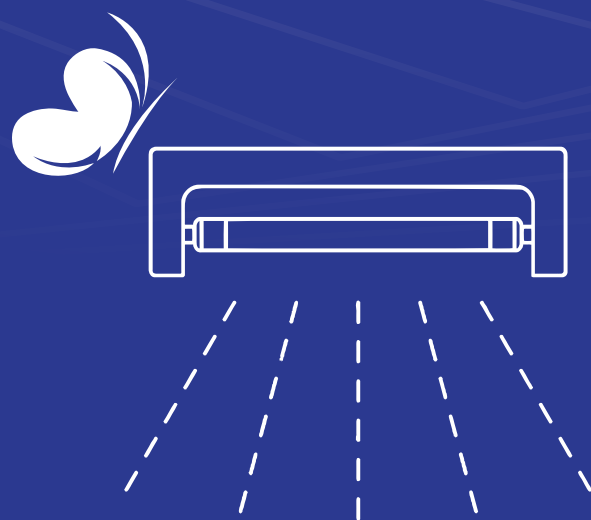
Up to  
5 Year  
Guarantee

BEAM ANGLE



Order Code	Color Temperature	LED Power
MER-ST-FAL-65-XXXX	3000K / 4000K / 5700K / 6500K	65W
MER-ST-FAL-100-XXXX	3000K / 4000K / 5700K / 6500K	100W
MER-ST-FAL-140-XXXX	3000K / 4000K / 5700K / 6500K	140W
MER-ST-FAL-170-XXXX	3000K / 4000K / 5700K / 6500K	170W
MER-ST-FAL-200-XXXX	3000K / 4000K / 5700K / 6500K	200W
MER-ST-FAL-240-XXXX	3000K / 4000K / 5700K / 6500K	240W



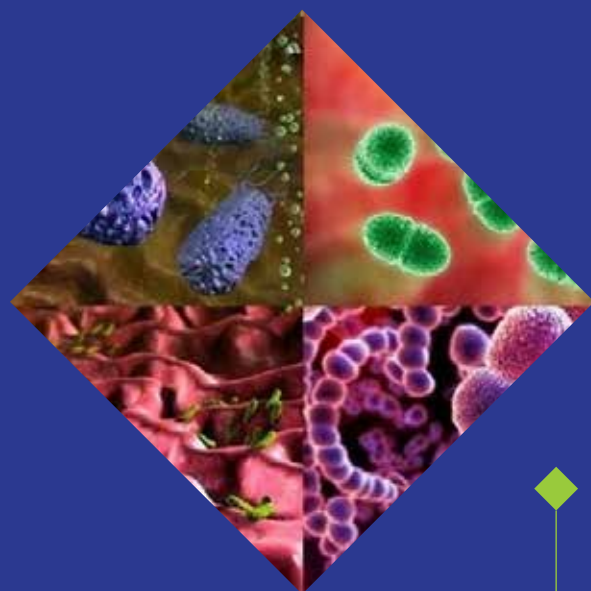


SOLANA UV  
Sterilizer  
Light



# APPLICATION

Ideal for Clinic, Hospital, Factory, Pharmacy, Dental Clinic, Ambulance, Office, School, Food Court, Green House, Kitchen, Warehouse, Restaurant, Villas, Palaces, Apartment, Hotels, Cinema, Kids Playing Area Shopping Areas, Building, Central air conditioning and water work, etc...

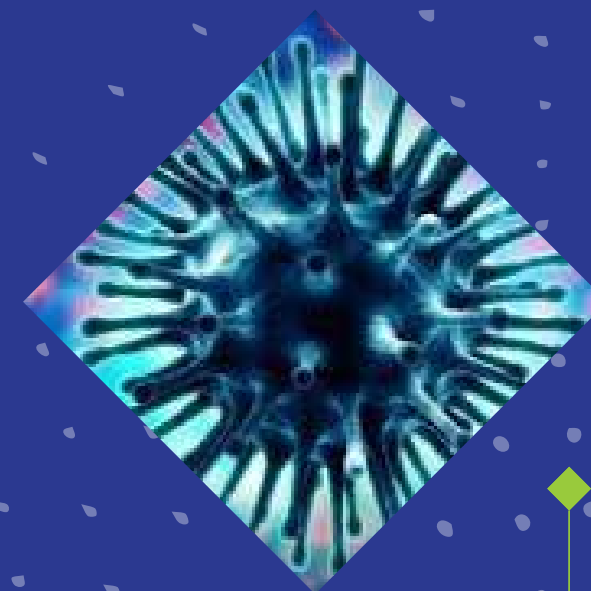
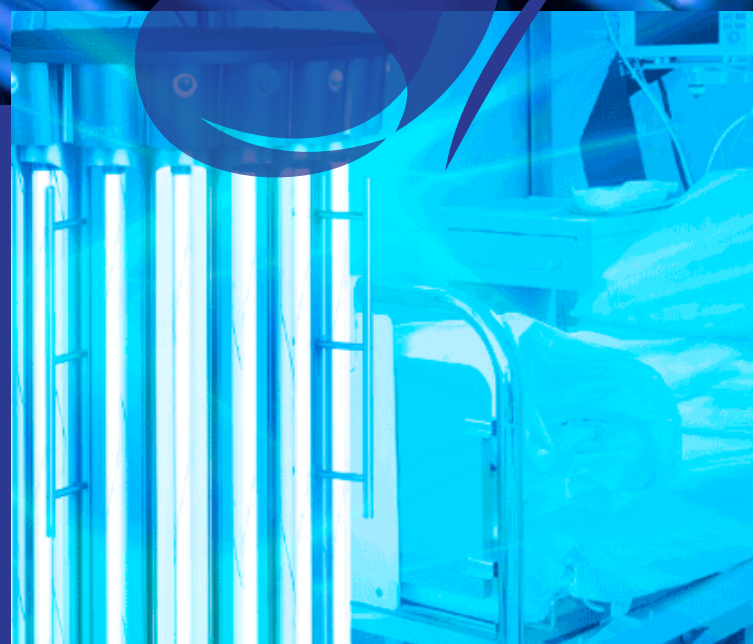
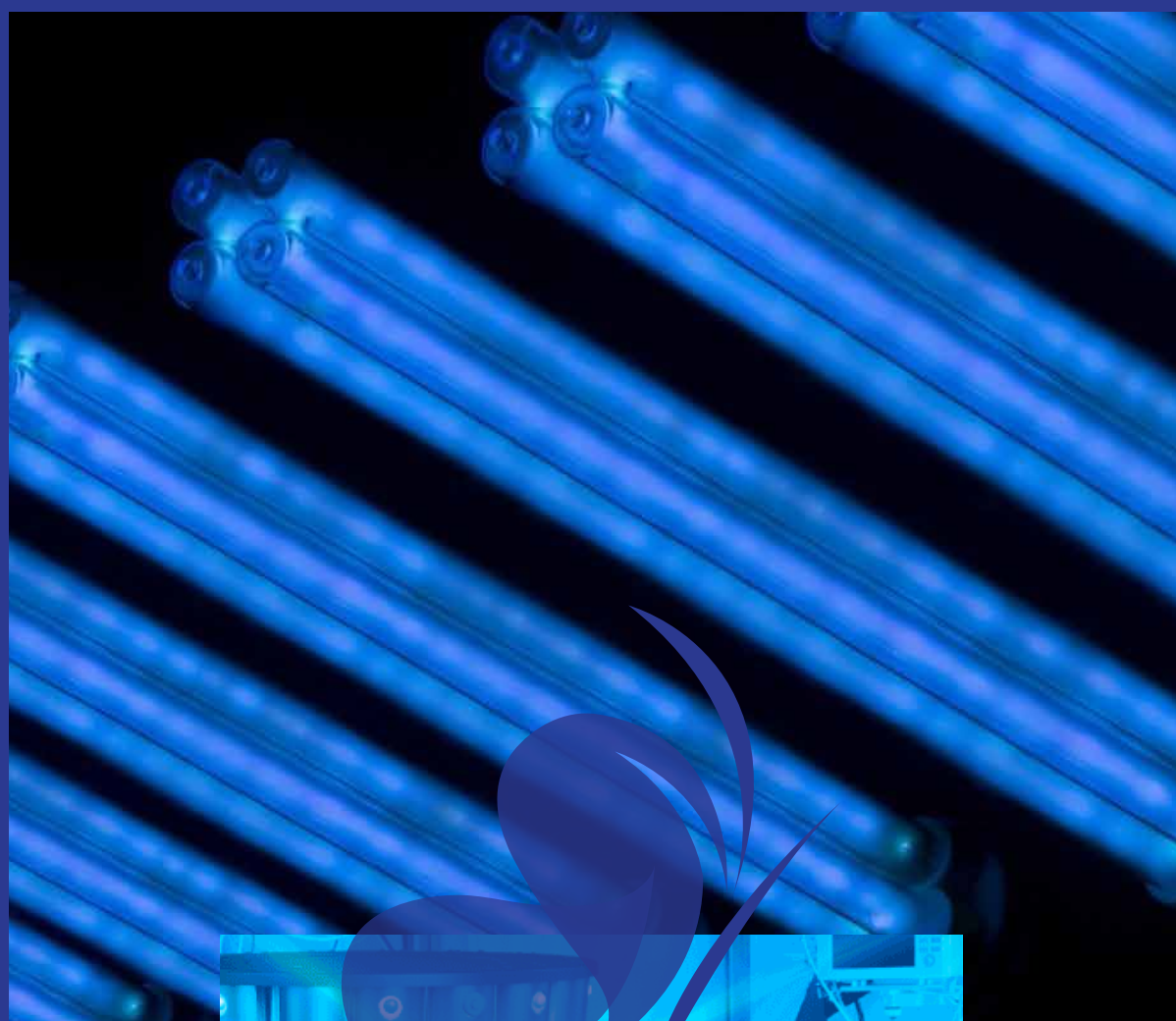


# FEATURES

Solana Family is used as a pure source of UV-C light.

UVC can penetrate the cell membrane and nucleus of organisms, destroy the molecular structure of DNA (deoxyribonucleic acid) or RNA (ribonucleic acid) in the cells of microorganisms, can cause growth cell death or regenerative cell death, thereby killing each cell. The effect of variety of pathogens, such as bacterial propagules, spores, viruses, fungi, etc. Therefore, UVC is also called germicidal UV.

In our sterilization UVC-LED product Series we are using the latest development in UVC LED technology and produce safe smart programmable device can be integrated with different networks and can be used for sterilization.





# Solana UV Down Light

## FEATURES

- ♦ Killing all type of Virus, Bactria and Germ.
- ♦ Intelligent with programmable option (via smartphone)
- ♦ Disinfection of room air and surfaces in dry or humid rooms.
- ♦ High efficiency for short disinfection times.
- ♦ Different options available for ceiling- or wall-mounting.
- ♦ UVC-stable, aluminum housing.
- ♦ Semi conductor technology long operating life.
- ♦ Safety Low voltage, no ozone, no mercury, low temperature use.
- ♦ Fast and easy fitting.
- ♦ Environmental protection: UV LED does not contain any toxic substance.
- ♦ Easy to clean.



## PRODUCT APPLICATION

Office, Home, Hospital, Schools, Hotels, Supermarkets, Factories, A/C and water work, Drwaers and tracks product storage, Cinema, Restaurant, etc..



## PRODUCT DIMENSION

Model	W mm	L mm	H mm
SOL-CRX5-N150-20W-UVC	42	169	150
SOL-CRX5-N200-35W-UVC	42	228	200

## PRODUCT DETAILS

Family Name	Solana
Part Number	SOL-CRX5-N150-20W-UVC / SOL-CRX5-N200-35W-UVC
Materials	Aluminum, Acrylic, & Environment-friendly
Installation	Recessed
Power	20W / 30W
UV Source	UV 3535 Semi conducto
Power Supply	Gruenes Licht
Sterilizing time	30 to 60 minutes
Overvoltage protection	320 V AC, 48 h
$\lambda$ (at 230 V, 50 Hz, full load)	0.98
Beam Angle	120°
Life Time	>50,000Hour
Operating Temp / Storage Temp	(-20°C to +60°C ) / (-40°C to +85°C )
IP Rating	IP 20
Environment humidity	<80%
Disinfection zone	10-40 square meter
Warranty	Up to 5 Years
Control	Schedule by smart phone / Network(Optional)
Radiant Power (Typ)	168mw
Peak Wave Lenght (Typ)	270 nm / 294 nm



- 1-People, animals and plants must leave the site and avoid looking directly at the UV light source.
- 2-The recommended sterilization time is 30 minutes to 60 minutes.
- 3- Clean the fixture cover every 3 Monthes is recomended.

# Solana UV Liner Light

## FEATURES

- ♦ Killing all type of Virus, Bactria and Germ.
- ♦ Disinfection of room air and surfaces in dry or humid rooms.
- ♦ High efficiency for short disinfection times.
- ♦ Different options available for ceiling- or wall-mounting.
- ♦ Long Life as it is Semiconductor technology.
- ♦ Safety: Low voltage, no ozone, no mercury, low temperature use.
- ♦ High Protection: disconnected in case of human or pet presence.
- ♦ Environmental protection: UV LED does not contain any toxic substance
- ♦ Programmable ON/OFF Schedule by different option (via smartphone, KNX network, DMX network).
- ♦ Easy Installations and low cost operation and maintenance.
- ♦ UVC LED technology is environmentally friendly.
- ♦ UVC LED radiation has no harmful effect when overdosed



## PRODUCT APPLICATION

Office, Home, Hospital, Schools, Hotels, Supermarkets, Factories, A/C and water work, Drwaers and tracks product storage, Cinema, Restaurant, etc..



## PRODUCT DIMENSION

Model	W mm	L mm	H mm
SOL-LLX-50X80X1200-CC-25W/M-UVC	50	80	1200

## PRODUCT DETAILS

Family Name	Solana
Part Number	SOL-LLX-50X80X1200-CC-25W/M-UVC
Materials	Aluminum, Acrylic, &Environment-friendly
Installation	Recessed, Suspended , Surface mounted, Wall Mounted
Power	25W
UV Source	UV 3535 Semi conductor
Power Supply	Gruenes Licht
Sterilizing time	30 to 60 minutes
Typ. efficiency (at 230 V, 50 Hz, full load)	92%
$\lambda$ (at 230 V, 50 Hz, full load)	0.98
THD (at 230 V, 50 Hz, full load)	< 9 %
Starting time (at 230 V, 50 Hz, full load)	<0.7s
Starting time (DC mode)	<0.3s
Switchover time (AC/DC)	<0.2s
Turn off time (at 230 V, 50 Hz, full load)	<50ms
Max. output voltage (U-OUT)	250V
Mains surge capability (between L - N)	1 KV
Mains surge capability (between L/N - PE)	2 KV
Surge voltage at output side (against PE)	<500V
Beam Angle	120°
Life Time	>50,000Hour
Operating Temp / Storage Temp	(-20°C to +60°C ) / (-40°C to +85°C )
IP Rating	IP 20 / 40 (As per customer request)
Environment humidity	<80%
Disinfection zone	10-40 square meter
Warranty	Up to 5 Years
Control	Schedule by smart phone / Network(Option)
Radiant Power (Typ)	840mw/1m
Peak Wave Lenght (Typ)	270 nm

25W



- 1-People, animals and plants must leave the site and avoid looking directly at the UV light source.
- 2-The recommended sterilization time is 30 minutes to 60 minutes.
- 3- Clean the fixture cover every 3 Monthes is recomended.



# Solana UV Intelligent Sterilizer

## FEATURES

- ♦ Killing all type of Virus, Bactria and Germ.
- ♦ High efficiency for short disinfection times.
- ♦ Long Life as it is Semiconductor technology.
- ♦ Safety: Low voltage, no ozone, no mercury, low temperature use.
- ♦ Environmental protection: UV LED does not contain any toxic substance
- ♦ Programmable ON/OFF Schedule the different options.
- ♦ Easy Installations and low cost operation and maintenance.
- ♦ UVC LED technology is environmentally friendly.
- ♦ UVC LED radiation has no harmful effect when overdosed.
- ♦ Disinfection inside machines.



## PRODUCT APPLICATION

Factories, Drwaers and tracks product storage, Sterilizer Box Beauty Tools etc..

### PRODUCT DIMENSION

Model	W mm	L mm	H mm
SOL-LL-45x63x100-CV-10W-UVC	45	63	100

## PRODUCT DETAILS

Family Name	Solana
Part Number	SOL-LL-45x63x100-CV-10W-UVC
Materials	Aluminum, Acrylic, &Environment-friendly
Installation	Inside the tool box
Power	10W
UV Source	UV 3535 Semi conductor
Power Supply	Gruenes Licht
Sterilizing time	30 to 60 minutes
In Put Viltage	12VDC
$\lambda$ (at 230 V, 50 Hz, full load)	0.98
Beam Angle	120°
Life Time	>50,000Hour
Operating Temp / Storage Temp	(-20°C to +60°C ) / (-40°C to +85°C )
IP Rating	IP 40
Environment humidity	<80%
Disinfection zone	10-40 square meter
Warranty	Up to 5 Years
Control	Schedule by smart phone / Network(Option)
Radiant Power (Typ)	84mw
Peak Wave Lenght (Typ)	270 nm

10W



- 1-People, animals and plants must leave the site and avoid looking directly at the UV light source.
- 2-The recommended sterilization time is 30 minutes to 60 minutes.
- 3- Clean the fixture cover every 3 Monthes is recomended.





Gruenes Licht GmbH  
Office address  
Tel: +43 664 4111 240  
Tel/Fax: +43 1 367 12 11  
Gatterburggasse 23/3, 1190  
Vienna, Austria

Factory address  
Industriestrasse 7, 2100  
Korneuburg, Austria

✉ [info@gruenes-licht.at](mailto:info@gruenes-licht.at)  
🌐 [www.gruenes-licht.at](http://www.gruenes-licht.at)