LED AREA FLOOD LIGHTING

BAY LIGHTING

SEGA
series

The SEGA series from Lighting Technology International provides a durable and high quality yet light weight and affordable solution for low bay lighting. With the state of the art LTI colling technology and optimised distrubution, the SEGA series suits a variety of applications including, warehouse, production, parking lots etc.

LIGHTING
TECHNOLOGY

SEGA series

UNRIVALED EFFICACY

The SEGA series harnesses the reflector technology to produce unrivaled efficiency and efficacy, up to 145lm/W.

COOLING TECHNOLOGY

With quality heat sinks, high grade alliminium and an intelligent design to promote natural convection the SEGA series extends its life way beyond the norm.

OUTSTANDING DURABILITY

Designed with corrosion, weathering and rough handling in mind the SEGA series undergoes a variety of stress tests to ensure it meets all are requirements needsand more.

POWERFUL LED AND REFLECTER TECHNOLOGY

The SEGA series utilises a unique reflector technology to distribute light which improves not only efficacy but also allows the SEGA to be aimed with extreme accuracy.

EXCELLENT LIGHT DISTRIBUTION

Throughout the different models and specifications of the SEGA series there is a variety of beam distributions all which have been designed to maximise illumnation.

OPTIMISED FOR WIRELESS CONTROL

Each SEGA is capable being controlled wirelessly. As the SEGA is an LED this means not only can it be remotely turned on and off but also dimming up and down.This cuts down on infrastructure costs

REPLACEMENT FOR HID FLOODLIGHT

The SEGA series was designed specifically to replace its metal halide counterpart while providing a 60% reduction in ongoing power costs.

SEGA series

APPLICATIONS

Thanks to the SEGA's unrivaled performance and longevity, along with the range of models in the series, it can be utilised in a range of vastly different settings.

INDOOR
SPORTS

PRODUCTION

AIRPLANE
HANGERS

PARKING
LOTS

WAREHOUSES

SEGA series 80W / 100W
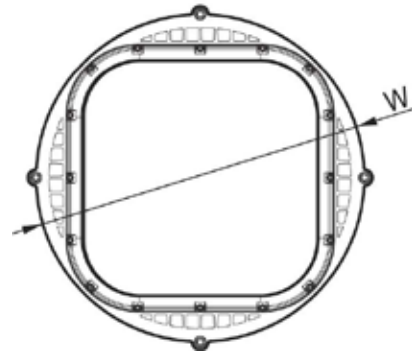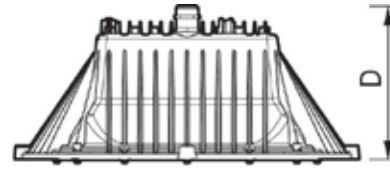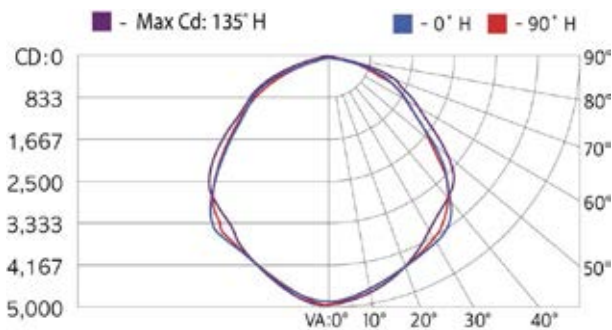
DIMENSIONS

SIZE (H X D)

12.4 x 5.8 inches
315 x 147 mm

PHOTOMETRY DATA (5700K)

■ - Max Cd: 135˚ H ■ - 0˚ H ■ - 90˚ H

CD:0
833
1,667
2,500
3,333
4,167
5,000

90˚
80˚
70˚
60˚
50˚

VA:0˚ 10˚ 20˚ 30˚ 40˚
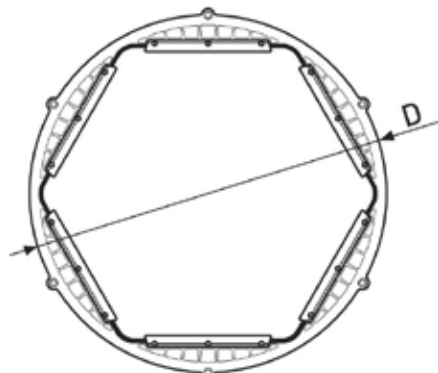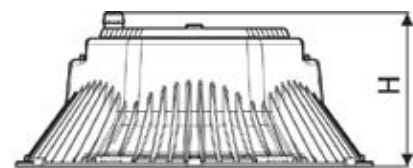
SEGA series 130W
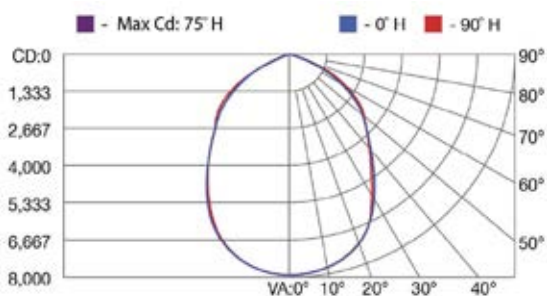
DIMENSIONS

SIZE (H X D)

16.5 x 7.1 inches
420 x 180 mm

PHOTOMETRY DATA (5700K)

■ - Max Cd: 75˚ H ■ - 0˚ H ■ - 90˚ H

CD:0
1,333
2,667
4,000
5,333
6,667
8,000

90˚
80˚
70˚
60˚
50˚

VA:0˚ 10˚ 20˚ 30˚ 40˚

SEGA series 160W

PHOTOMETRY DATA (5700K)

■ - Max Cd: 345° H   ■ - 0° H   ■ - 90° H

DIMENSIONS

SIZE (H X D)

| 16.5 x 7.1 inches |
| 420 x 180 mm |
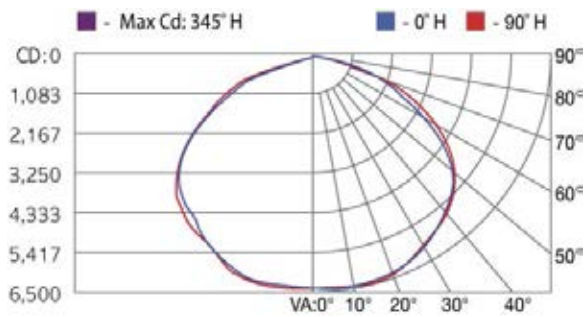
CERTIFICATIONS

- UL / FCC / DLC
- CE / VDE
- C-Tick
- PSE
- KC / EE
- TIS / SABS

LED AREA FLOOD LIGHTING

SEGA series

SPECIFICATIONS

Model Name	SE160	SE130	SE100	SE080
Power Consumption	**160W**	**130W**	**100W**	**80W**
Light Source	0.2W Mid Power LED Chips			
CCT	5000K (6500K / 5700K / 4000K available)			
Luminous Flux *	20,800 lm	16,900 lm	13,000 lm	10,400 lm
Luminous Efficacy *	130 lm/W			
Color Rendering Index	80 Ra			
LED Driving Current	76.2 mA	72.2 mA	71.4 mA	66.7 mA
Light Distribution	90° / 130°		80° / 110°	80° / 100°
LED Chip Manufacturer	SAMSUNG			
Input Voltage	100 ~ 277 Vac / 347 ~ 480 Vac			100 ~ 277 Vac
Input Current	Max. 2.0A(@100Vac)	Max. 1.6A(@100Vac)	Max. 1.25A(@100Vac)	Max. 1.0A(@100Vac)
	Max. 0.65A(@347Vac)	Max. 0.5A(@347Vac)	Max. 0.4A(@347Vac)	
Power Factor	≥0.9 at Max load			
Frequency	50 / 60 Hz			
Surge Protection	Line – Line 2kV / Line – FG 4kV			
Driver Type	Constant Current (CC)			
Fixture Manufacturer	KMW INC. / Made in Korea			
Size (D x H)	Ø16.5 x 7.1 (inch) / Ø420.0 x 180.0 (mm)		Ø12.4 x 5.8 (inch) / Ø315.0 x 147.0 (mm)	
Weight (Driver included)	13.2 lb / 6.0 Kg		9.7 lb / 4.4 Kg	
Material Body	Cast Aluminum			
Material Optic	Silver Coating Reflector			
Material Cover	Polycarbonate / Tempered Glass 3.2T (Clear / Frosted)			
Finish	Powder Coating			
IP Rating	IP65			
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C			
Option Control Option	Wireless(ZigBee) / Wired(1-10V) / Sensor(Daylight)			
Option Mounting Option	Ceiling Bracket (Pipe / Chain)			
Warranty	10 Years (12 hours usage per day)			

* Tolerance : ± 5%

LIGHTING TECHNOLOGY

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