



### Applications

Sports Arena  
Warehouse  
Superstore  
Factory

### Certification

UL  
FCC  
DLC  
PSE  
CE  
ENEC  
KC

## Description

Unrivaled Efficacy 130 lm/W  
Excellent Cooling Structure  
Wired / Wireless Lighting Control

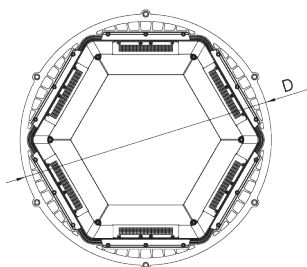
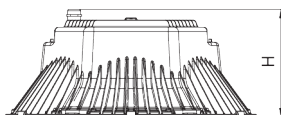
## Specifications

<b>Model Name</b>	SE130	
<b>Power Consumption</b>	130W	
<b>Correlated Color Temperature</b>	5000K (3000K / 5700K available)	
<b>Luminous Flux *</b>	16,900 lm	
<b>Luminous Efficacy *</b>	130 lm/W	
<b>Color Rendering Index</b>	80 Ra	
<b>Light Distribution</b>	80°(Symmetry) / 130°(Symmetry)	
<b>LED Chip Manufacturer</b>	SAMSUNG	
<b>Input Voltage</b>	100 - 277 Vac	347 - 480 Vac
<b>Input Current</b>	Max 1.6A (@100Vac)	Max 0.5A (@347Vac)
<b>Power Factor</b>	≥0.9 at Max load	
<b>Frequency</b>	50 / 60 Hz	
<b>Surge Protection</b>	Line-Line 2KV, Line-FG 4KV	
<b>Driver Type</b>	Constant Current (CC)	
<b>Driver Manufacturer</b>	KMW INC. / Made in Korea	
<b>Size ( D x H )</b>	Ø16.5 x 7.1 (inch)	Ø420.0 x 180.0 (mm)
<b>Weight (Driver included)</b>	13.2 lb	6.0 Kg
<b>Material</b>	<b>Body</b>	Cast Aluminum
	<b>Optic</b>	Silver Coating Reflector
	<b>Cover</b>	Tempered Glass 3.2T (Clear)
<b>Finish</b>	Powder Coating	
<b>IP Rating</b>	IP65	
<b>Mounting Option</b>	Ceiling Bracket (Chain)	
<b>Operating Temperature</b>	-22°F ~ 140°F	-30°C ~ 60°C
<b>Life Time</b>	<b>LED Module</b>	100,000 Hours (L70@77°F / 25°C)
	<b>Driver</b>	50,000 Hours (@77°F / 25°C)
<b>Warranty</b>	5 Years	

## Option

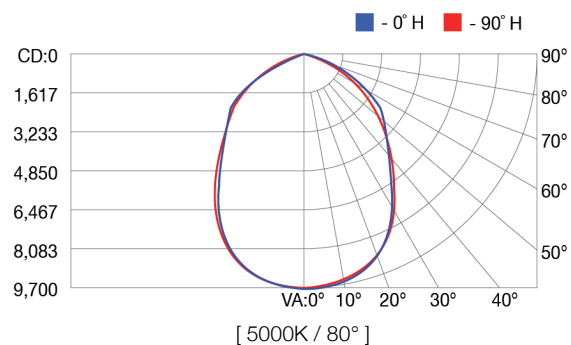
<b>Control System</b>	Wireless (ZigBee) / Wired (0-10V) Sensor (Occupancy, Daylight)
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\*Tolerance : ± 5%



## Photometry

See photometric .ies files for details.



## Control System (Optional)

<b>ZigBee</b>		Wireless Control
Standard	2.4 GHz - IEEE 802.15.4 (Compatible)	
Network	Mesh	
RF Tx Power	Max. +8 dBm (Typ. 6 dBm)	
Data Rate	250 kbps	
Security	128 bit AES Encryption Algorithms	
Dimmer	PWM, 0 – 10 Vdc	
Antenna	Omni Type, 2 dBi	
Input Voltage	15 Vdc	
Max. Power Consumption	0.3 W (@15Vdc)	

<b>0 – 10V</b>		Wired Control
Factory Installed	The maximum quantity at the time of group control is according to dimmer switch and actuator supply wattage.	

<b>Occupancy Sensor</b>		Smart Sensor Module
Operating Voltage Range	5 – 50 Vdc (TYP. 24 Vdc)	
Max. Power Consumption	0.6 W (@15Vdc)	
Sensitivity Range	Up to (13 feet / 4 M), Field of View, Horizontal 100°, Vertical 100° (77°F / 25° C)	
Detection Motion Speed	0.6 - 1.5 m/s	
Output Signal	PWM	
Delay Time Setting	15 sec to 1 hour (Adjustable) / 1min (Default)	

<b>Daylight Sensor</b>		Smart Sensor Module
Operating Voltage Range	5 – 50 Vdc (TYP. 24 Vdc)	
Power Consumption	0.6 W (@15Vdc)	
Detectable Illumination Range	9.2 – 92 fc (Default : 64 fc) / 100 – 1,000 lx (Default : 700 lx)	
LED Light Bi-level Setting	0 % to 30 % (Adjustable) / 10% (Default)	
Output Signal	PWM	

## Ordering Information

SEGA : LED High Bay Lighting (Order Code Usage : SE130-A5008CNNW1)

SE	OOO	-	O	OO	OO	O	O	OO
	Power Consumption		Input Voltage	CCT(K)	Beam Angle	Installation Type	Dimming Control & Sensor	Fixture Color
	<b>080</b> =80W <b>100</b> =100W <b>130</b> =130W <b>160</b> =160W		<b>A</b> =100~277V <b>B</b> =100~240V <b>C</b> =347~480V	<b>30</b> =3000 <b>50</b> =5000 <b>57</b> =5700	<b>08</b> =80° <b>13</b> =130°	<b>CN</b> =Chain	<b>N</b> =None <b>Z</b> =ZigBee <b>T</b> =0-10V <b>O</b> =Occupancy Sensor <b>A</b> =Daylight Sensor	<b>W1</b> =White