

# LED Bay Lighting

## SEGA Series (SE 320)



### Product Description

- Excellent heat dissipation and high efficiency
- Best fitted lighting for factories and warehouses
- Wireless control system capable of on-off and dimming control
- Wireless control system capable of daylight sensor control

### Application

- Factories
- Gyms
- Warehouse
- Superstores

### Certification



General Specifications	
Model Name	SE320
Size	Ø22.0 x 7.2 (inch) / Ø560 x 184.0 (mm)
Weight (Driver included)	20.9lb / 9.5kg
IP Rating	IP66
Operating Temperature	14°F ~ 104°F / -10°C ~ 40°C
Warranty	5 Years (12 hours usage per day)
Country of Origin	GigaTera Lighting Inc. (Made in Korea)

Electrical Performance	
Input Voltage	100 ~ 277Vac
Input Current	Max. 3.35A (@100Vac)
	Max.1.4A (@277Vac)
Power Factor	≥0.9 at Max load
Frequency	50 / 60 Hz
Surge Protection	Line – Line 2kV / Line – FG 4kV

Materials	
Body	Cast Aluminum
Optic	Al Coating Reflector
Cover	Tempered Glass 4.0T (Clear)
Finish	Powder Coating

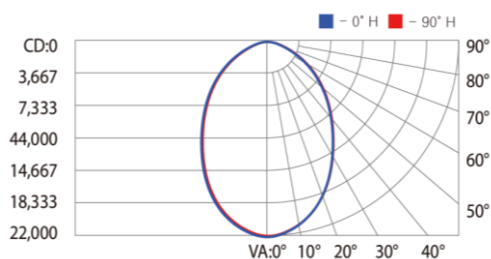
Option	
Control	Wireless (ZigBee)

Lumen Data (Clear)			
CCT	5000K	4000K	3000K
CRI	70 Ra		
Luminous Flux *	46,400 lm	44,800 lm	41,600 lm
Luminous Efficacy *	145 lm/W	140 lm/W	130 lm/W

Lumen Data (Frosted) :Optional			
CCT	5000K	4000K	3000K
CRI	70 Ra		
Luminous Flux *	43,200 lm	41,600 lm	38,400 lm
Luminous Efficacy *	135 lm/W	130 lm/W	120 lm/W

\*Tolerance ±5%

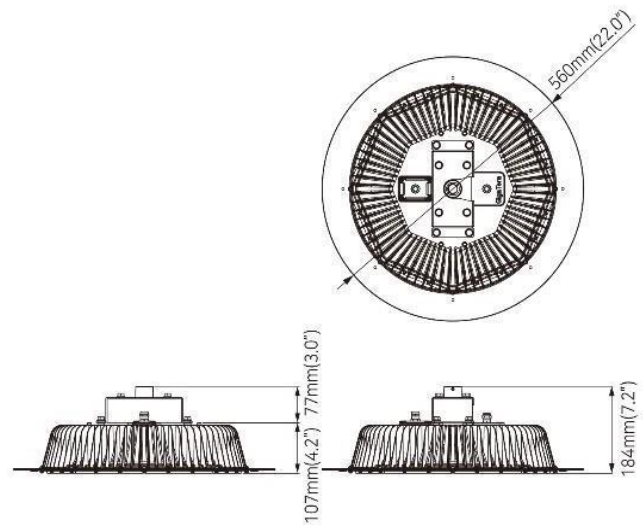
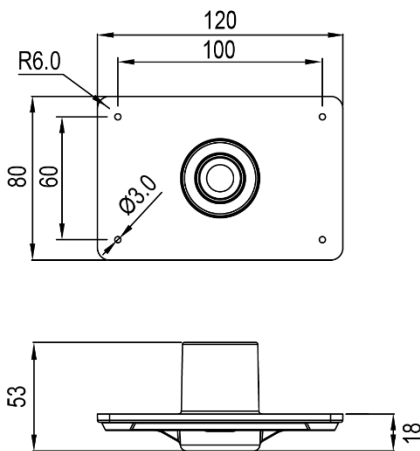
### Photometry Data – 5000K: Frosted



### Types of mounting brackets with dimension information (Optional Purchase)

#### Built-in type / Pipe type

- Bracket Code : KLBSEH400E40003\_A3



	<b>Size</b>	18.9 x 28.6 (inch) / 480 x 726 (mm)
<b>Weight</b>	Module	20.9lb / 9.5kg
	Bracket	0.44lb / 0.2kg
	Assembly (Module + Bracket)	21.3lb / 9.7kg

### Types of mounting brackets with dimension information (Optional Purchase)

#### Built-in type / Chain type

- Bracket Code : KLBSEH400E40004\_A3

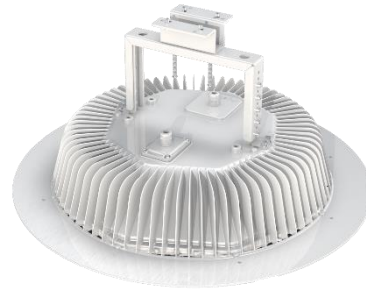


	<b>Size</b>	18.9 x 29.4 (inch) / 480 x 748 (mm)
<b>Weight</b>	Module	20.9lb / 9.5kg
	Bracket	0.88lb / 0.4kg
	Assembly (Module + Bracket)	21.8lb / 9.9kg

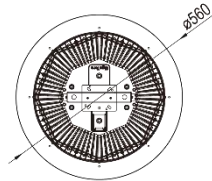
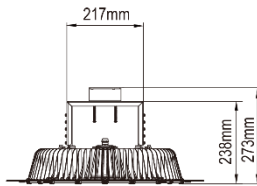
### Types of mounting brackets with dimension information (Optional Purchase)

#### Built-in type

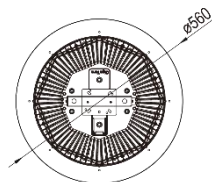
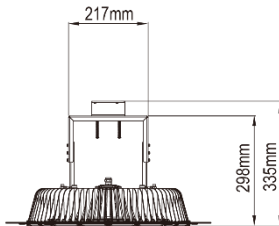
- Bracket Code : KLBSEH450C40001\_D1



- Min. height



- Max. height



<b>Size</b>	Node	18.6 x 17.3 x 15.0 (inch) / 473 x 441 x 379 (mm)
	NEMA	18.6 x 17.0 x 15.0 (inch) / 473 x 434 x 379 (mm)
<b>Weight</b>	Module	20.9lb / 9.5kg
	Bracket	3.7lb / 1.7kg
	Assembly (Module + Bracket)	24.6lb / 11.2kg

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SEGA Series (SE 320)

GigaTera<sup>®</sup>  
beyond light

## Control System (Optional)

<b>Wireless Control</b>	<b>ZigBee</b>
<b>Input Voltage</b>	15Vdc
<b>Max. Power Consumption</b>	0.3W (@15Vdc)
<b>Standard</b>	2.4 GHz – IEEE 802.15.4 (Compatible)
<b>Network</b>	Mesh
<b>RF Tx Power</b>	Max. +8dBm (Typ. 5dBm)
<b>Data Rate</b>	250 kbps
<b>Security</b>	128 bit AES Encryption Algorithms
<b>Antenna</b>	Omni Type, 2dBi

## Ordering Information

Ordering Code Usage : SE320-A5008Z					
	○○○	○	○	○○	○
<b>SE</b>	Power Consumption	Input Voltage	CCT (K)	Beam Angle	Control System
	320	A = 100 ~ 277V B = 100 ~ 240V	50 = 5000K 40 = 4000K	08 = 80°	N = None Z = Zigbee