

LCS-G3HB IP65 HIGH BAY LED SERIES



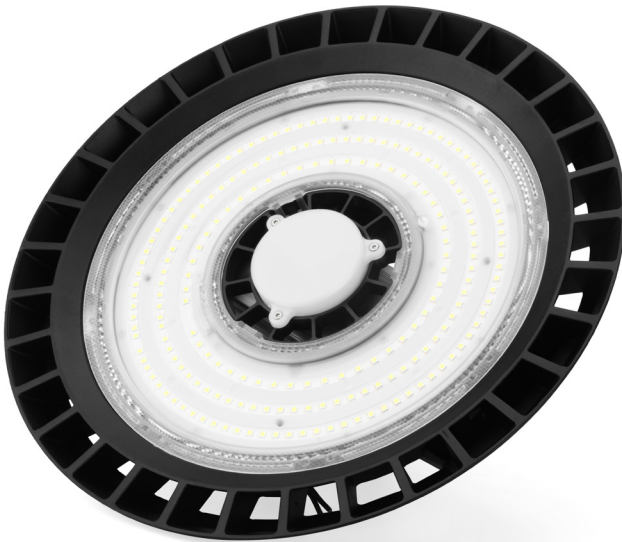
IP65 IK08



CREE

LCS-G3HB IP65 HIGH BAY LED SERIES

- 5 YEAR WARRANTY
- Suitable for all industrial applications
- Available in 100W, 150W and 200W power ratings
- IP65 Rated
- Ceiling mounted
- Microwave radar sensing dimmer with remote control





LCS-G3HB IP65 HIGH BAY LED SERIES

Microwave radar sensing dimmer with remote control



Technical Data	
Operating Voltage	12VDC
Operating Current	30mA±5%
Output	PWM/1-10V
Standby power	0.5W
Detection area	25%/50%/75%/100%
Hold-time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/ Disable
Stand-by period	0S/10s/30s/1min/5min/10min/30min/+
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.1.5m(ceiling mounted)
Detection range	Max.15x12m(ceiling mounted) Max.20m(wall mounted)
Operating temperature	-20°C~50°C Tc:80°C
IP rating	IP20
Dimensions	56x33x12mm
Certification	CE,LVD



On/off control



Stand-by period



Detection area



Stand-by dimming level



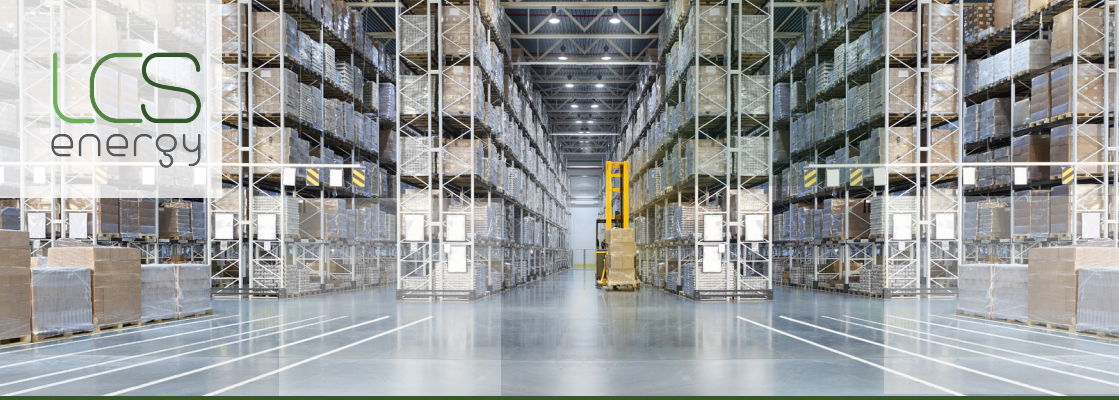
Hold-time



Remote control setting



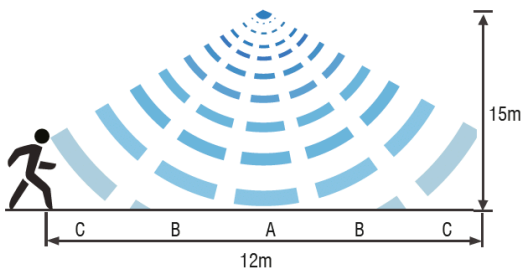
Daylight threshold



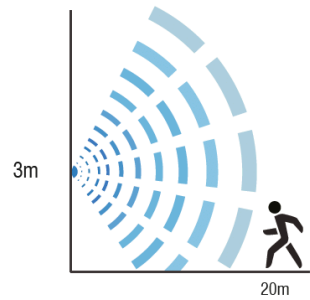
LCS-G3HB IP65 HIGH BAY LED SERIES

Detection coverage

Ceiling Mounted



Ceiling Mounted



Application

Function Demo - Dimmable control/corridor function



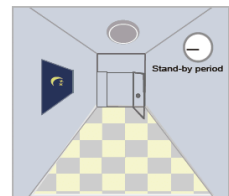
When motion detected, but sufficient daylight, light remains OFF.



When motion detected, insufficient daylight, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level (10%/20%/30%/50%)



After the stand-by period, light OFF.



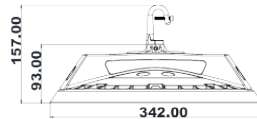
LCS-G3HB IP65 HIGH BAY LED SERIES

Dimensions

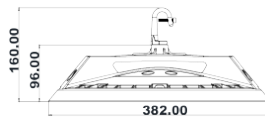
LCS-G3HB100W-SS



LCS-G3HB150W-SS

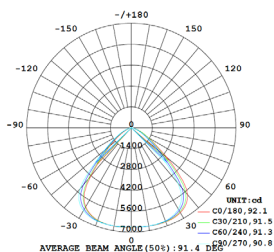


LCS-G3HB200W-SS

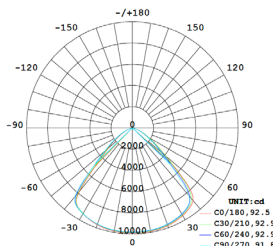


LDC Polar

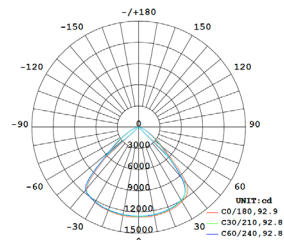
LCS-G3HB100W-SS



LCS-G3HB150W-SS



LCS-G3HB200W-SS





LCS-G3HB IP65 HIGH BAY LED SERIES

Specifications

Product		LCS-G3HB100W-SS	LCS-G3HB150W-SS	LCS-G3HB200W-SS
Power		100W	150W	200W
Input Voltage		90-305VAC	90-305VAC	90-305VAC
Input Current		0.45A@220VAC	0.68A@220VAC	0.91A@220VAC
PF		>0.90@220VAC	>0.90@220VAC	>0.90@220VAC
DC output voltage		48V		
DC output current		1.9A	1.9A	1.9A
Dimming (Optional)		3 in 1 dimming (PWM, 1-10V, Resistor) Dali		
CCT		Neutral white 4000K Natural white 5000K Cool white 5700K Warm white 3000K ---can be customized		
5000K/Ra >70	Typical Flux	14500 Lm±10%	21750 Lm±10%	29000 Lm±10%
	Efficiency	145Lm/W±6%		
5000K /Ra >80	Typical Flux	13500 Lm±10%	20250Lm±10%	27000 Lm±10%
	Efficiency	135Lm/W±6%		
LED Brand		Cree 3030		
Beam Angle		90°(60D/120D pending)		
Operation Temp.		-40°C ~ +45°C		
Storage Temp.		-40°C ~ +85°C		
Life Cycle		45°C 50000Hours		
IP Class		IP65		
IK Class		IK08		
Certificate		ETL, DLC, CE, CB, SAA, Class I Chemical Explosion proof		
Body Color		Black (default with RAL9005)		
Product Size(mm) &Net weight	Sosen Driver	292*292*151	342*342*157	382*382*160
		2.78	3.35	4.00
Packing Size(mm) &Gross weight	Sosen Driver	334*148*340	384*152*390	424*150*430
		3.43Kg	4.1Kg	4.8Kg
Installation method		Bracket mount		