

ROBLITZ® Highbay SE Datasheet



ROBLITZ® Highbay SE series is highly efficient and reliable LED highbay. With very high system efficacy up to 130 lm/W thanks to the state-of-the-art LED technology. It offers flexible options in optics, powers, control, accessories and mounting methods. ROBLITZ® Highbay SE series provides safe, appropriate and secure lighting experience in any industrial application and it is the first choice for any new or retrofit installations.

Benefits

Flexible options

- Four wattage ranges
- Narrow and wide beam angles
- Color temperature from 4000K to 5700K

Robust and reliable

- Nichia middle power LED
- 50,000hrs lifetime
- IP65, IK08 rated

Safe and efficient

- Backup hook reserved for safety chain/cable
- Eye safety according to IEC
- Instant ON/OFF
- CRI80 for better color representation
- High system efficacy of 130 lm/W
- DALI dimming version available on request

Versatile application

- Multiple mounting methods
- Sockets reserved for accessories like sensor, reflector, bracket, etc
- Compact and easy installation

Applications

- Workshops, assembly lines
- Storages, logistics
- Industrial and commercial halls
- Public areas (airports, stations, stadiums)
- Auxiliary rooms, car parks

ROBLITZ® Highbay SE

Technical Data

Optical Specifications

	85W	115W	160W	220W
Luminous Flux	11,000 lm	15,000 lm	20,000 lm	28,600 lm
Efficacy	130 lm/W			
CCT	4000K, *5000K, 5700K, *6500K			
CRI	>80			
SDCM	4			
Beam Angle	60°, 90°			

Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz				
Power Consumption	85W	115W	160W	220W	
Power Factor	>0.95				
Total Harmonic Distortion	<15%				
Surge Protection	Line-to-line 1.5KV, line-to-ground 3KV				
Dimensions	Diameter	299mm	299mm	399mm	399mm
	Height	138mm	138mm	159mm	159mm
Weight	3.7kg	3.8kg	5.6kg	5.7kg	
Cover Lens	Clear PC cover				
Housing	Die-cast housing, grey				

System Specifications

Power	AC line
Dimmable	ON/OFF, *DALI
Installation	Surface and suspended mounting
Operating Temperature	-30°C to +45°C
Storage Temperature	-35°C to +85°C
Environment	Outdoor (IP65, IK08)
Lumen Maintenance	L70 @35°C - 50,000hrs
Safety Approval	Electrical Protection Class I, CCC

Items with * are non-standard items and are available on request. Specification is subject to change due to continuous improvement.

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

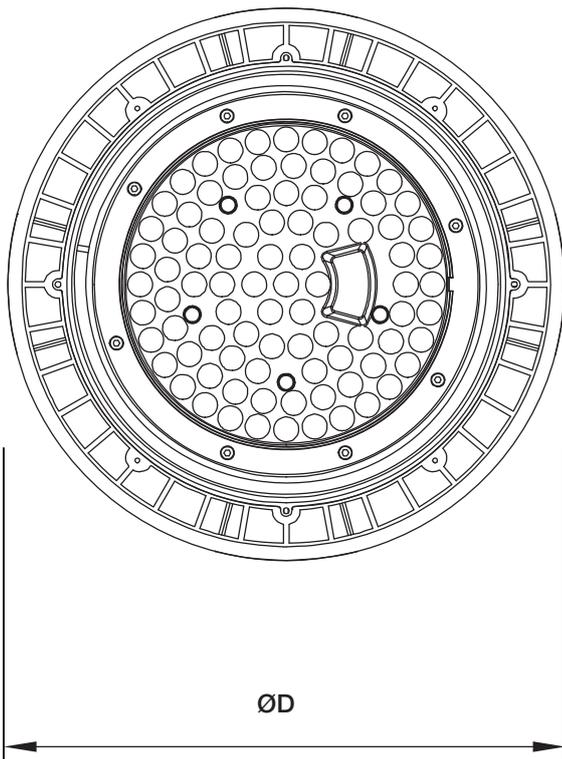
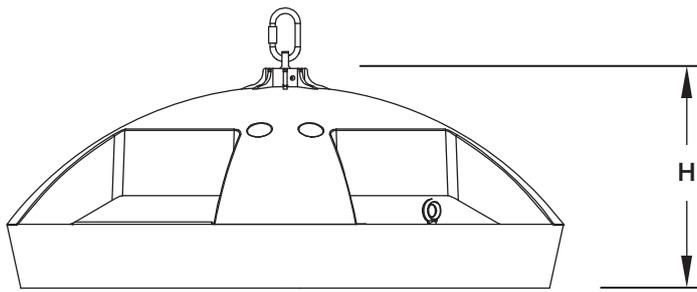
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ROBLITZ® Highbay SE

Dimensions

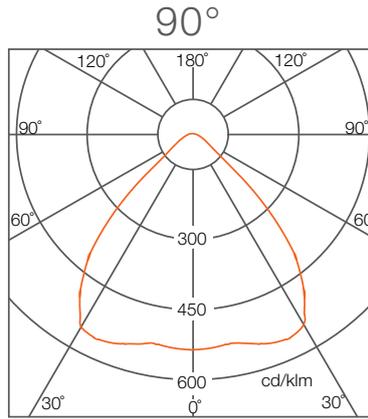
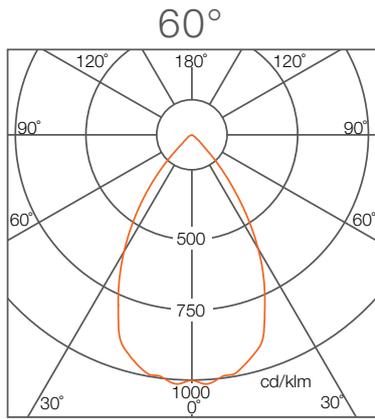


Dimensions

	85W	115W	160W	220W
ØD	299mm	299mm	399mm	399mm
H	138mm	138mm	159mm	159mm

ROBLITZ® Highbay SE

Photometrics Light Distribution Curve



Illuminance at a distance

	Center Beam Lux/klm	Beam Width
2m	249	2.39m
4m	62	4.79m
6m	28	7.18m
8m	16	9.58m
10m	10	11.97m

	Center Beam Lux/klm	Beam Width
2m	133	3.89m
4m	33	7.78m
6m	15	11.67m
8m	8	15.56m
10m	5	19.45m

For feet multiply by 3.28

● Spread: 61.8°
For fc divide by 10.7

For feet multiply by 3.28

● Spread: 88.4°
For fc divide by 10.7

Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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Ordering Codes

Fixture

Short Text	Power	Dimension	CCT	Beam Angle	Material	EAN40
ROBLITZ HB SE S B840MB VS1 OSRAM	85W	S	4000K	60°	AM016590055	4052899469921
ROBLITZ HB SE S B840WB VS1 OSRAM	85W	S	4000K	90°	AM022630055	4052899469938
ROBLITZ HB SE S B857MB VS1 OSRAM	85W	S	5700K	60°	AM022640055	4052899469945
ROBLITZ HB SE S B857WB VS1 OSRAM	85W	S	5700K	90°	AM022650055	4052899469952
ROBLITZ HB SE S D840MB VS1 OSRAM	115W	S	4000K	60°	AM022660055	4052899469969
ROBLITZ HB SE S D840WB VS1 OSRAM	115W	S	4000K	90°	AM022670055	4052899469976
ROBLITZ HB SE S D857MB VS1 OSRAM	115W	S	5700K	60°	AM022680055	4052899469983
ROBLITZ HB SE S D857WB VS1 OSRAM	115W	S	5700K	90°	AM022690055	4052899469990
ROBLITZ HB SE L B840MB VS1 OSRAM	160W	L	4000K	60°	AM022700055	4052899470002
ROBLITZ HB SE L B840WB VS1 OSRAM	160W	L	4000K	90°	AM022710055	4052899470019
ROBLITZ HB SE L B857MB VS1 OSRAM	160W	L	5700K	60°	AM022720055	4052899470026
ROBLITZ HB SE L B857WB VS1 OSRAM	160W	L	5700K	90°	AM022730055	4052899470033
ROBLITZ HB SE L D840MB VS1 OSRAM	220W	L	4000K	60°	AM022740055	4052899470040
ROBLITZ HB SE L D840WB VS1 OSRAM	220W	L	4000K	90°	AM022750055	4052899470057
ROBLITZ HB SE L D857MB VS1 OSRAM	220W	L	5700K	60°	AM022760055	4052899470064
ROBLITZ HB SE L D857WB VS1 OSRAM	220W	L	5700K	90°	AM022770055	4052899470071