



OPTIMAL LIGHT

LED PERFORMANCE HIGHBAY



MODEL:OPT HBG9


PHILIPS
LUMILEDS


Voltage: 100-277

Life Hours: 100,000

Lumen: 165 Lm/W

Non Dimming

The OPTIMAL LED PERFORMANCE HIGHBAY is a reliable and high efficacy LED highbay with aluminum die-cast housing for general-purpose applications. It provides performance LED alternative to traditional double-ended halogen-lamp highbay. The range is available in 3 housing sizes for different wattages to meet most of the application requirements. The long lifetime enables substantial energy and maintenance savings. A universal mounting bracket or ring allows wall or surface mounting that tilts upwards or downwards. The OPTIMAL LIGHT PERFORMANCE HIGHBAY is available in black housing.

Product Features & Benefits

- Available in 100W, 150W, 200W, 240W
- SMD 5050 PHILIPS LUMILED
- CRI Ra80
- High system efficiency up to 165lm/W
- Standard CCT: 4000k 5000k 6500K
- Aluminum die-cast housing
- Elegant slim design reduces windage
- Frosted PC dot lens to increase uniformity
- IP65 water and dust proof
- IK10 vandal-protected
- Non Dimming
- Emergency Battery (optional)
- Available in black housing
- Up to 100000 hrs lifespan at 30°C reduces maintenance costs
- Built in breather
- Safety compliance certificates: CB CE SASO IECEE ROHS

DRIVER CERTIFICATES



Data subject to change /Sep 2024

LED HIGHBAY -100-240 WATTS

Dimming: Non dimmable ,0-10 volt Dimming optional

Emergency Battery: Optional

Application Areas:

- Architecture and landscape lighting
- Industrial warehouses lighting
- Factory, airport, transportation station

NON DIMMING - DIAGRAM



General Specifications



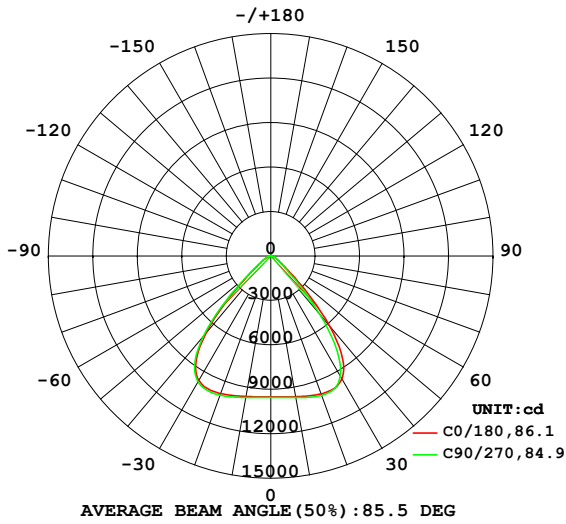
Optimal Light® LED PERFORMANCE HIGHBAY

	PRODUCT CODE:	OPT HBG9100	OPT HBG9 150	OPT HBG9 200	OPT HBG9240
Electrical Data	Wattage	100	150	200	240
	Rated Input Voltage	100 - 277VAC			
	Input current	1.20A max. 0.60A@230V	1.50A max. 0.75A@230V	2.0A max. 1.0A@230V	2.4Amax 1.2A@230V
	Power factor	>0.9			
	Line frequency	50/60Hz			
	Surge protection	6KV/6KV			
	Protection class	Class I			
Optical / Photometric	Rated lumens @4000&5000K	16500lm	24750lm	33000	39600
	Beam angle	90°			
	CCT (K)	6500K			
	CRI	Ra80			
	Lumen efficacy	165+lm/W@4000K & 5000K			
	Dimming	Non Dimming			
	Rated lifetime	100,000 hrs @ L70 B50 30°C			
	Operating temperature	-20 -50°C			
Housing	Project area(m ²)	0.049	0.049	0.069	0.075
	Installation	Hanging ring, surface mounting.			
	Front diffuser	PC			
	Heat sink	Die-cast Aluminum			
	Emergency	Optional			
	Ingress protection	IP65			
	Shock protection	IK10			
	Driver	SOSEN Driver			

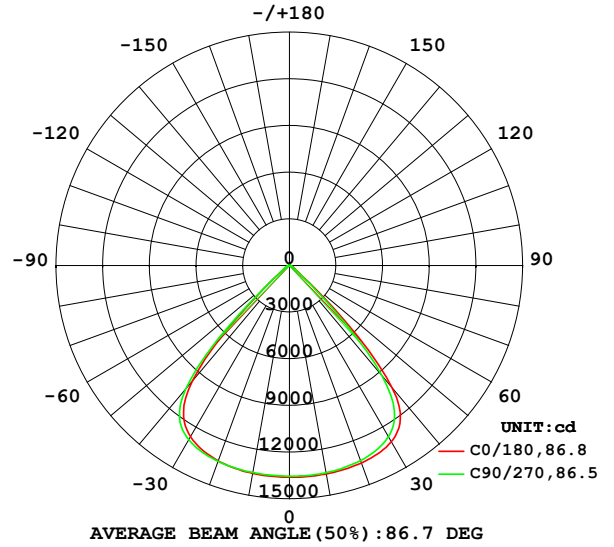
Data subject to change /Sep 2024

Polar intensity diagram

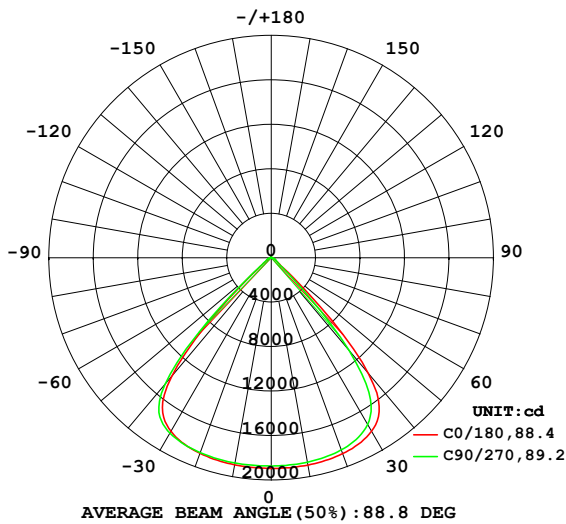
100W



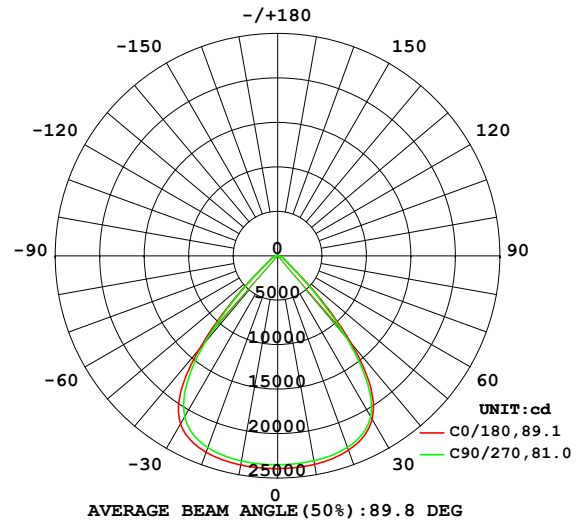
150W



200W



240W



PRODUCT MODEL CODE.

HIGHBAY 100 WATT: OPT HBG9 100 6500

HIGHBAY 150 WATT: OPT HBG9 150 6500

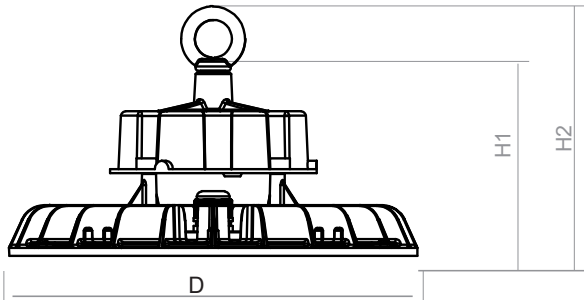
HIGHBAY 200 WATT: OPT HBG9 200 6500

HIGHBAY 240 WATT: OPT HBG9 240 6500



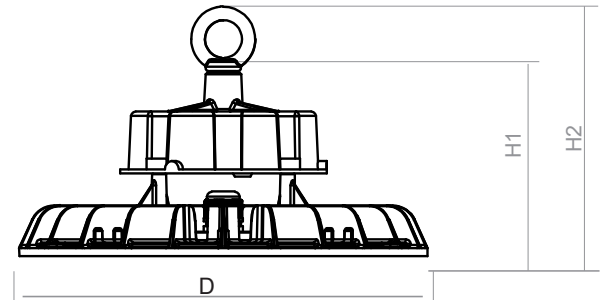
Drawing/Dimensions:

100W



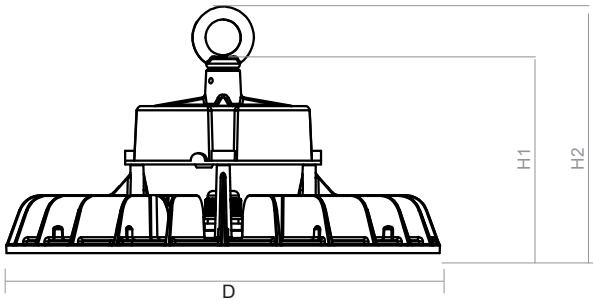
100W	D	H1	H2	Weight
	φ254mm	114mm	155mm	2.25kg

150W



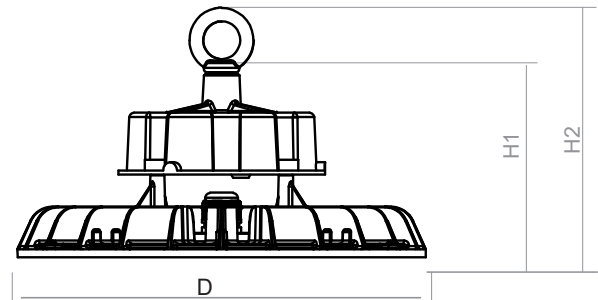
150W	Length	H1	H2	Weight
	φ 254mm	114mm	155mm	2.28kg

200W



200W	D	H1	H2	Weight
	φ 285mm	121mm	162mm	2.46kg

240W



240W	D	H1	H2	Weight
	φ 315mm	121mm	162mm	2.62kg

PRODUCT MODEL CODE.

HIGHBAY 100 WATT: OPT HBG9 100 6500

HIGHBAY 150 WATT:OPT HBG9 150 6500

HIGHBAY 200 WATT:OPT HBG9 200 6500

HIGHBAY 240 WATT:OPT HBG9 240 6500