

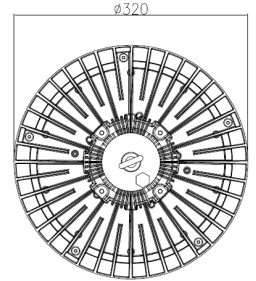
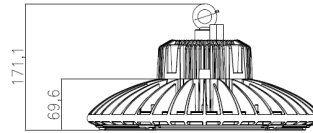
hiLUX series

HBR-90 LED HIGHBAY LAMP

VERSION: V2

Features

- Offers over 120 lm/W lumen performance, available in multiple wattages using high efficiency Philips Lumileds™ mid-power LED
- Available in 2 brightness level: *Standard* and *Economy*
- Designed to fully replace 250W MH/HID luminaires
- Features high efficiency and reliable Meanwell™ driver - optional 1-10V/PWM Dimmable control
- High performance thermal management design ensuring low LED junction temperature
- High CRI (color rendering index): min. **80 Ra**.
- Easy installation and maintenance, dust-proof (upgradeable to IP65)
- **5 years** warranty
- Full compliance to EU standards CE (LVD, EMC), RoHS



Technical Specifications

Optical

LED type	Philips Lumileds Luxeon 3030 LED
LED power	90W
System power	100W
LED Luminous efficiency	140-150 Lm/W
Lamp luminous efficiency	120-130 Lm/W
Color Temperature	4000/5000K
Color Rendering (CRI)	Ra80 min.
Cover options	Clear / Frosted
Beam angle	120° Symmetric circular spread

Mechanical

Heatsink/Housing	Die-cast aluminium
Mounting	Hook / U-Bracket
Protection	IP40 / IP65
Net weight	3.6 kg
Size:	Ø320mm × 171mm

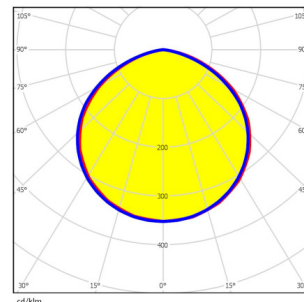
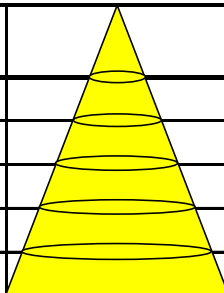
Electrical

Input	AC90-305V, 50-60Hz
Driver brand	Meanwell HBG-100 series
Power factor	>0.95
THD	<15%
Power cord	0.75mm ² triple shield wire

Models and Illuminance

Model	Version	Luminous flux [lm]	
		Clear cover	Frost cover
HILUX-HBR-90S	Standard	13,900	11,900
HILUX-HBR-90L	Economy	12,500	11,150

Height (M)	Eavg (LUX)	Emax (LUX)	Diameter (cm)
2	300	1048	625
4	75	262	1250
6	34	116	1875
8	19	65	2500
10	12	42	3125



Luminaire DIALux files available on request