

Technical Specification

HB-35

Product Name:	HB-35
Category:	Highbay Light
Description:	35W LED Highbay Light

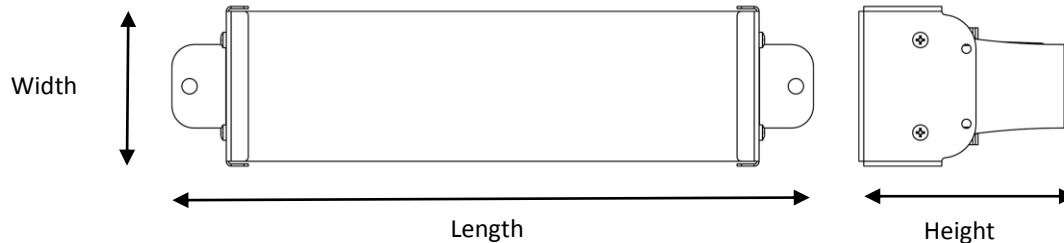


Photometrics:	Lumen Output = 3 485 lm (Cool White)	Construction:	IP65 rated version available (SABS certified)
	Available in Natural and Cool White		Aluminium heatsink anodised to 25 micron
	CRI > 70		316 Stainless steel sheet metal
	Wide range of lenses available		Designed and manufactured in South Africa by LEDwise
	28°, 50°, 62°, Flood, Oval & Canopy beams		Modular design allows for custom power outputs
	L70 > 50,000 hrs at Ta = 35° Celsius		Bypass diode for every LED
	High powered Osram LEDs		Gore™ vent per module – IP65 version
	IES Files available on request		
Power:	Max System Power Consumption 35 W	Installation:	Compatible with P2000 trunking
	System efficacy of 99 lm/W		Suspended cable attachment set available
	Power factor > 0.99		Custom mounting options on request (e.g. swivel, pole)
	Occupancy / Light Sensing Available		

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Dimensions



Product Code	Width (mm)	Length (mm)	Height (mm)
HB-35	73	292	93
HB-35-IP	73	308	93

Electrical Characteristics

Parameter	Value	Unit
LED Drive Current	700	mA
Operating Voltage/Frequency	220-240/50-60	V AC/Hz
Dimming	Occupancy / Daylight on Request	-
Power	35.0	W
Power Factor	>0.99	-
Driver Efficiency	>90	%

Optical Characteristics

Product Code	LED Colour	Colour Temp (K)	Min. Luminaire Intensity (lm) *	Angle (°)	Min CRI	Fitting Colour
HB-35	NW	4000	3 485	28°, 50°, 62°, Oval, CAN, Flood etc.	70	AL
HB-35	W	5700	3 485	28°, 50°, 62°, Oval, CAN, Flood etc.	70	AL

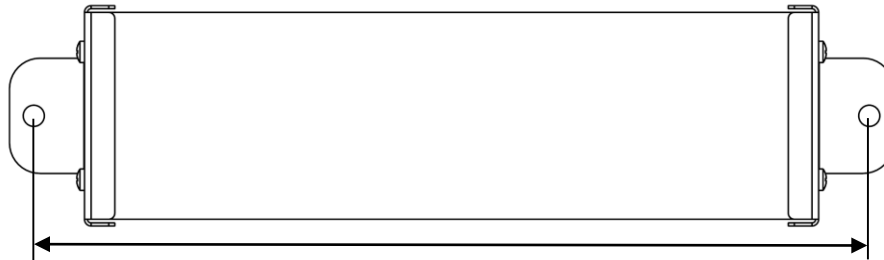
NW = Natural White LED Colour
W = Cool White LED Colour

AL = Aluminium
* Values accurate to within 10%

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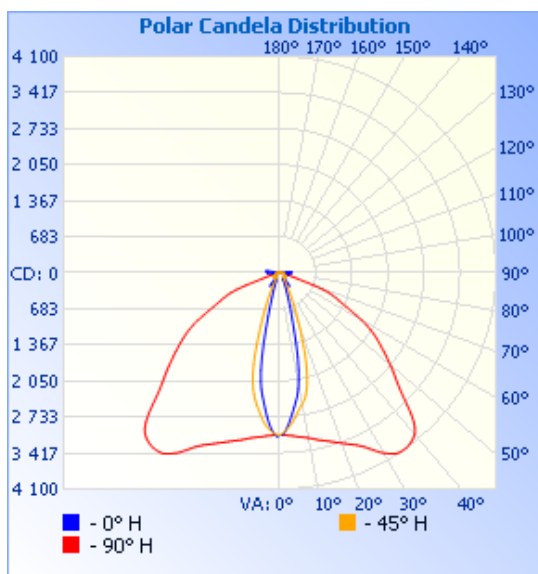
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Mounting

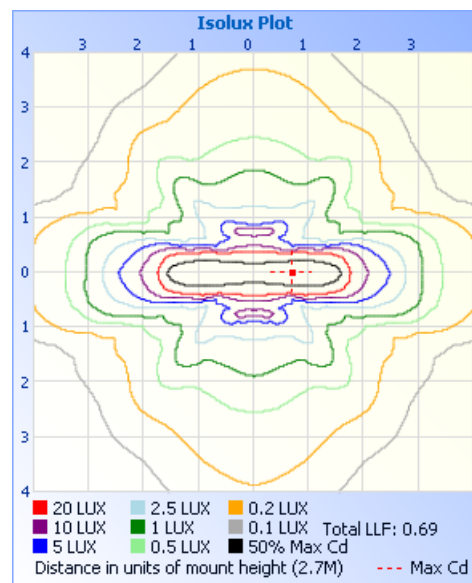


Φ6mm - 275mm Apart
 Φ6mm - 291mm Apart (IP)

Polar Candela Distribution Diagram (Oval Beam)



Isolux Plot (Oval Beam)



Product Ordering Code

Example: *HB-35-(IP)-W-Oval-AL-N*

<i>HB-35</i>	<i>(IP)</i>	<i>W</i>	<i>Oval</i>	<i>AL</i>	<i>N</i>
Product Code	IP65 rated version	Cool White LED Colour	Distribution / Beam Angle	Fitting Colour	Non-Dimmable

Document Info

HB-35 Rev 1