

## Technical Specification

**HB-35**

<b>Product Name:</b>	HB-35
<b>Category:</b>	Highbay Light
<b>Description:</b>	35W LED Highbay Light

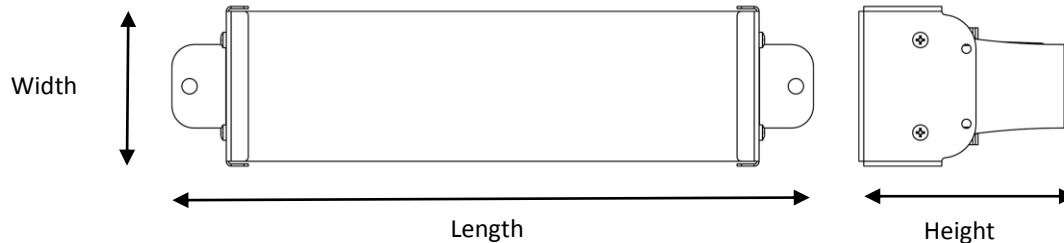


<b>Photometrics:</b>	Lumen Output = 3 485 lm (Cool White)	<b>Construction:</b>	IP65 rated version available (SABS certified)
	Available in Natural and Cool White		Aluminium heatsink anodised to 25 micron
	CRI > 70		316 Stainless steel sheet metal
	Wide range of lenses available		Designed and manufactured 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		
<b>Power:</b>	Max System Power Consumption 35 W	<b>Installation:</b>	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

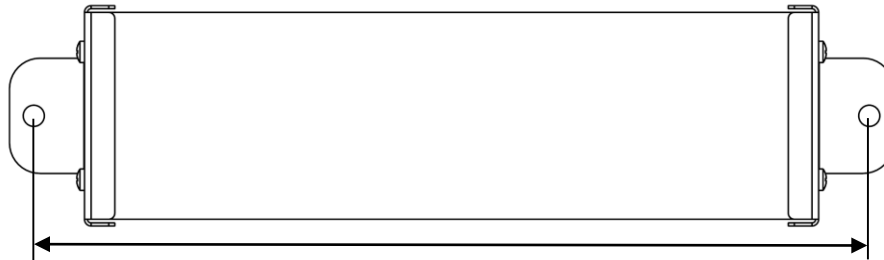
NW = Natural White LED Colour  
W = Cool White LED Colour

AL = Aluminium  
\* Values accurate to within 10%

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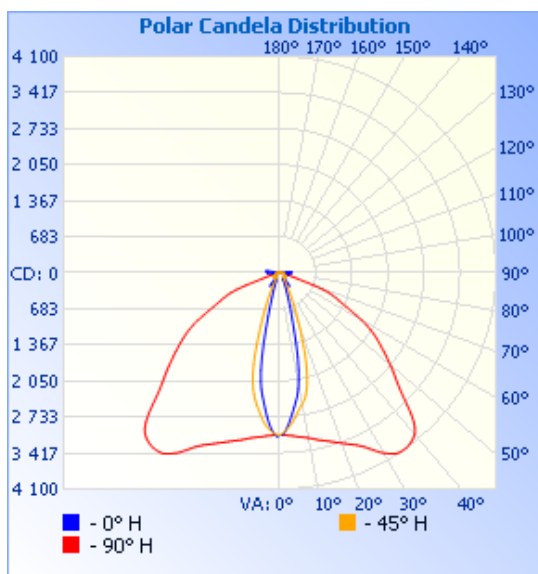
## HB-35

### Mounting

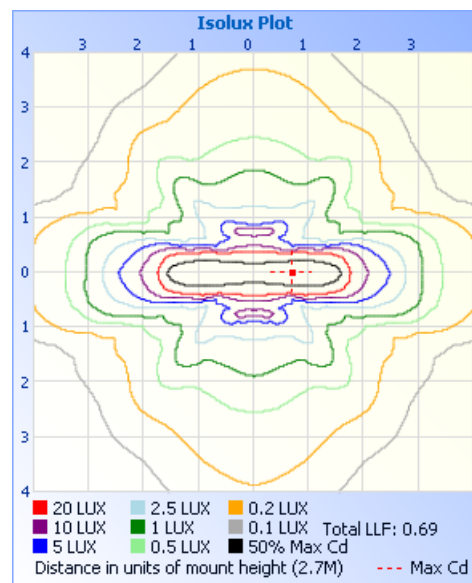


Φ6mm - 275mm Apart  
 Φ6mm - 291mm Apart (IP)

### 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