

Technical Specification

HBL

Product Name:	HBL
Category:	Highbay Light
Description:	70W - 200W Range of linear LED Highbay Lights



*HBL-140 shown

Photometrics:	System efficacy of 124 lm/W	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
	30°,55°,90°,Flood, & Oval beams		Modular design allows for custom power outputs
	L70 > 70,000 hrs at Ta = 35° Celsius		Gore™ Vent per module – IP65 version
	High powered Osram LEDs		
	IES Files available on request		
Power:	Power Options: 67, 101, 134, 168, 201W	Installation:	Compatible with P2000 trunking
	Power factor > 0.97		Suspended cable attachment set available
	Occupancy / Light Sensing Available		Custom mounting options on request (e.g. swivel, pole)

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Dimensions				
Product Code	Width (mm)	Length (mm)	Height (mm)	Mounting (Φ6mm)
HBL-70	73	301	93	284
HBL-70-IP	73	317	93	300
HBL-105	73	424	93	407
HBL-105-IP	73	440	93	423
HBL-140	73	548	93	531
HBL-140-IP	73	564	93	547
HBL-175	73	671	93	654
HBL-175-IP	73	687	93	670
HBL-200	73	794	93	777
HBL-200-IP	73	810	93	793

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 Options	67, 101, 134, 168, 201	W
Power Factor	>0.97	-
Driver Efficiency	>89	%

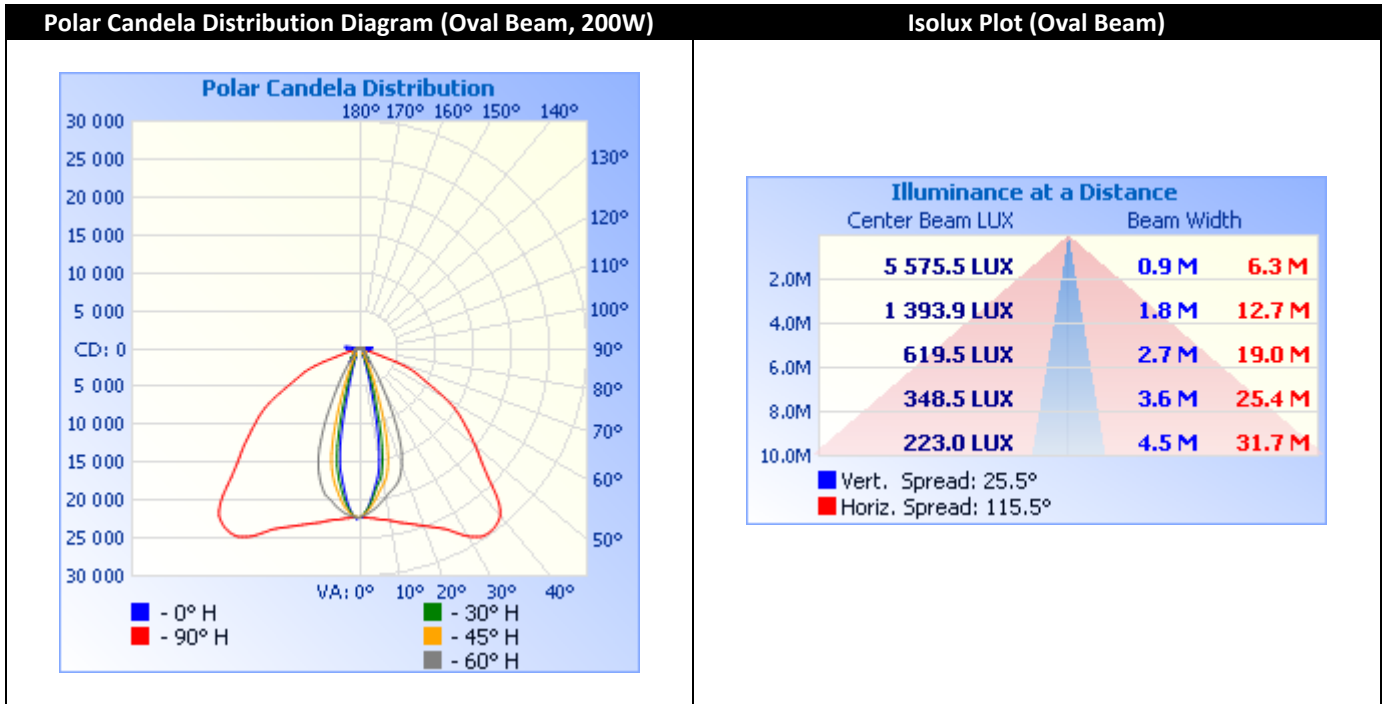
Optical Characteristics							
Product Code	LED Colour		Colour Temp (K)	Min. Luminaire Intensity (lm) *	Angle (°)	Min CRI	Fitting Colour
HBL-70	<input type="checkbox"/>	W	5700	8 313	30°, 55°, 90°, Oval, Flood etc.	70	AL
HBL-105	<input type="checkbox"/>	W	5700	12 470	30°, 55°, 90°, Oval, Flood etc.	70	AL
HBL-140	<input type="checkbox"/>	W	5700	16 627	30°, 55°, 90°, Oval, Flood etc.	70	AL
HBL-175	<input type="checkbox"/>	W	5700	20 783	30°, 55°, 90°, Oval, Flood etc.	70	AL
HBL-200	<input type="checkbox"/>	W	5700	24 940	30°, 55°, 90°, Oval, Flood etc.	70	AL

W = Cool White LED Colour

AL = Aluminium
* Values accurate to within 10%

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Product Ordering Code					
Example: <i>HBL-200-(IP)-W-Oval-AL-N</i>					
<i>HBL-200</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	Beam Angle / Distribution	Fitting Colour	Non-Dimmable

Document Info
HBL Rev 1