

# HBL

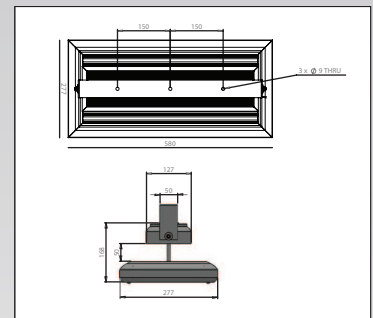


PRODUCT CODES				
	HBL-10100/82	HBL-15200/122	HBL-20200/163	HBL-25200/204
<b>CONSTRUCTION:</b>				
Housing & Optics.	Made of high purity 6063 anodized aluminum alloy, chemically treated, and polyester powder coated. Optics made of PMMA suitable for operations under high temperature, 90 degree distribution beam angle as standard with excellent transmission efficiency of 93%, high thermal stability and UV resistant and protected with thermally treated flat toughed glass.			
Mounting Device	Surface / Suspension Mounting using threaded Rod.			
Product Dimension (mm) L x W x H	480 x 277 x 162	480 x 277 x 162	580 x 277 x 168	580 x 277 x 168
Product Color	RAL7042			
<b>ELECTRICAL:</b>				
Input Voltage	220-240V AC			
Frequency	50-60 Hz			
Power Factor	> 0.90			
Power Consumption	82W	122W	163W	204W
Power Consumption Tolerance	+/-10%			
Protection Class	Safety Class(I)			
Glow Wire Test	850 deg C /30 Sec			
<b>CONTROLS:</b>				
Dimmable	NA			
Dimming Options (Variant)	Dali / 1-10V			
<b>PERFORMANCE:</b>				
Luminaire Lumens	10100	15200	20200	25200
CCT	3000 / 4000 / 5000 K			
CRI	>70			
Initial Chromacity	SCDM <3			
Lumen Maintenance	L90 / B10 > 80000hrs @ 65° C			
Operating Ambient Temperature	+10 to + 55° C			
Storage Temperature	-20 to + 80° C			
Ripple on Modules	<3%			
<b>GENERAL:</b>				
Ingress Protection	IP66			
Impact in Joules	IK09			
Replaceable Modules	Yes			
Luminaire Beam Angle	90 deg			
CE Markings	Yes			
Net Weight	6 Kgs	7.5 Kgs	9 Kgs	9 Kgs
<b>VARIANTS:</b>				
Available in Different Beam Angles Available in 45D, 60D, 130D. Please suffix of the Beam Angle to the code of the fixture. Please refer to Page 113.				
Suffix (O) is Optional and (S) is Standard.				
Note: Lumens, wattage & dimensions are subject to change due to the fast development in LED technology.				

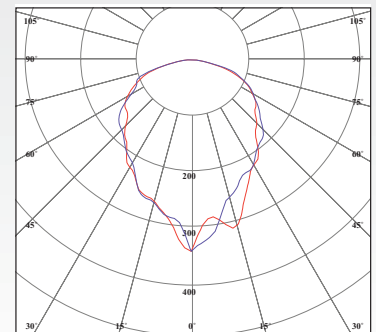
**How to Specify :**

.....Lm and a min. of .....lm/w  
 LED Highbay made of 6063 extruded aluminum, powder coated to corrosion class II with PMMA lenses and ENEC certified LED modules & driver, L90 / B10 > 80000hrs @ 65° C lumen maintenance, ..... color temperature, IP66 and in full conformity with :

- EN60598
- EN 55015
- EN61000
- EN61347
- EN61547
- EN62031
- EN62471
- EN62031
- EN62778



**Luminous Intensity Distribution**



Luminous intensity (cd/klm) in level C 0° - 180°  
 Luminous intensity (cd/klm) in level C 90° - 270°