



Food Grade LED High Bay Lighting

LHB-F Series: Professional food grade high bays in 100W, 150W and 200W models

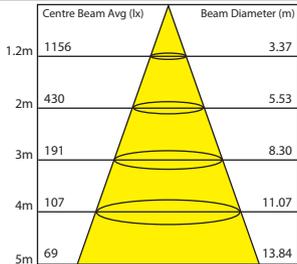
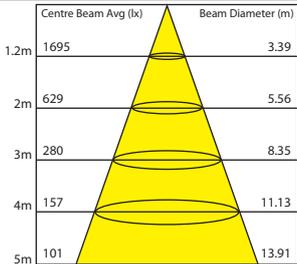
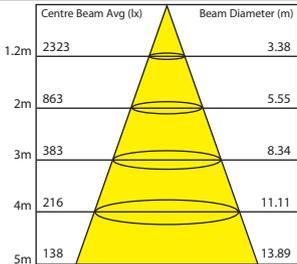
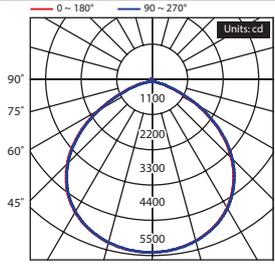
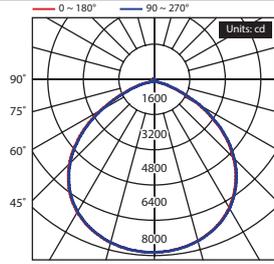
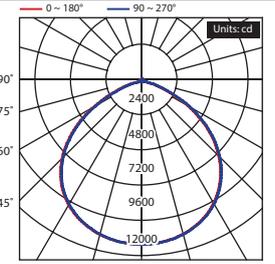
The ENSA™ LHB-F series of professional high bay lights deliver energy efficient lighting to industrial and commercial environments. These lights are purpose-built for food prep environments and are easily cleaned with an IP69K rated body.

The LHB-F series delivers superb lighting performance with high luminous efficacy of 135lm/W. Models feature a powder coated, corrosion resistant heatsink with a smooth surface that reduces build up of dust and simplifies routine cleaning. Luminaires are free of glass to ensure safe practices when installed in food preparation environments.

- Food preparation LED high bays in 100W, 150W & 200W
- In 4000K natural & 5700K cool white with 120° beam angle
- Suitable for food processing environments - no glass, smooth non-toxic surface & easy to clean
- Highly durable IP69K weather resistance - steam cleanable
- High 135lm/W luminous efficacy for energy efficiency
- Series is IPART approved for use in the NSW ESS

Series Specifications

Model	LHB-F100	LHB-F150	LHB-F200
Product Image			
Series Name	LHB-F Series: Food Grade LED High Bay Series		
Optical			
Light Output	13500lm	20250lm	27000lm
Luminous Efficacy	135lm/W		
Colour Temperature	4000K / 5700K		
Colour Rendering Index	>70 / >80		
Beam Angle	120°		
Light Decay	<5% at 9,000 hours		
Rated Lifespan	54,000 hours		
Electrical			
Power Consumption	100W	150W	200W
Input Voltage	100 ~ 277VAC / 277 ~ 480VAC		
Power Factor	> 0.93		
Dimmable	N/A		
General			
Ingress Protection	IP69K		
Plug / Socket / Base	3-pin AC plug		
Reflector / Diffuser	Aluminium / Polycarbonate		
Housing Adjustments	N/A		
Operating Environment	-10 ~ 40°C		
Dimensions	Ø490 x 183mm		
Certifications	NSF, ETL, DLC, SAA, IPART, VEET		

Photometry	LHB-F100	LHB-F150	LHB-F200																																																						
Illuminance at a Distance	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1.2m</td><td>1156</td><td>3.37</td></tr> <tr><td>2m</td><td>430</td><td>5.53</td></tr> <tr><td>3m</td><td>191</td><td>8.30</td></tr> <tr><td>4m</td><td>107</td><td>11.07</td></tr> <tr><td>5m</td><td>69</td><td>13.84</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1.2m	1156	3.37	2m	430	5.53	3m	191	8.30	4m	107	11.07	5m	69	13.84	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1.2m</td><td>1695</td><td>3.39</td></tr> <tr><td>2m</td><td>629</td><td>5.56</td></tr> <tr><td>3m</td><td>280</td><td>8.35</td></tr> <tr><td>4m</td><td>157</td><td>11.13</td></tr> <tr><td>5m</td><td>101</td><td>13.91</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1.2m	1695	3.39	2m	629	5.56	3m	280	8.35	4m	157	11.13	5m	101	13.91	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1.2m</td><td>2323</td><td>3.38</td></tr> <tr><td>2m</td><td>863</td><td>5.55</td></tr> <tr><td>3m</td><td>383</td><td>8.34</td></tr> <tr><td>4m</td><td>216</td><td>11.11</td></tr> <tr><td>5m</td><td>138</td><td>13.89</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1.2m	2323	3.38	2m	863	5.55	3m	383	8.34	4m	216	11.11	5m	138	13.89
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Luminous Light Distribution																																																									

Ordering Information

Type	Series	Wattage	Colour Temperature
LHB	-	F	100 (100W) 150 (150W) 200 (200W)
			N (Natural white) C (Cool white)
LHB-F200-C: 200W LED High Bay in Cool White			

Your local ENSA™ lighting solutions professional: