



## Food Grade LED High Bay Lighting




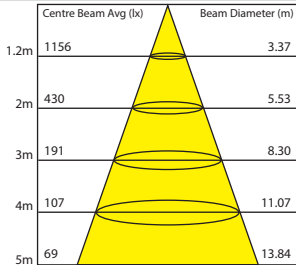
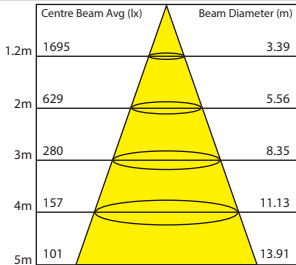
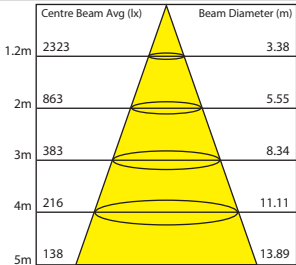
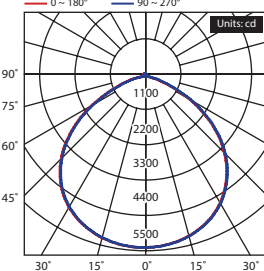
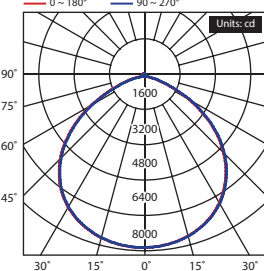
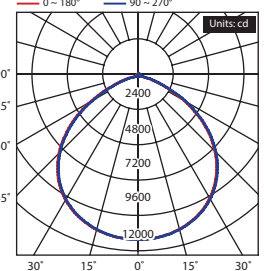
LHB-F Series: Professional food grade high bays in 100W, 150W and 200W models

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
- Prismatic reflector available (sold separately)

## Series Specifications

Model	LHB-F100	LHB-F150	LHB-F200																																																						
Product Image																																																									
Series Name	LHB-F Series: Food Grade LED High Bay Series																																																								
<b>Optical</b>																																																									
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																																																								
<b>Electrical</b>																																																									
Power Consumption	100W	150W	200W																																																						
Input Voltage	100 ~ 277VAC / 277 ~ 480VAC																																																								
Power Factor	> 0.93																																																								
Dimmable	N/A																																																								
<b>General</b>																																																									
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																																																								
<b>Photometry</b>																																																									
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	N (Natural white) C (Cool white)
100 (100W)			
150 (150W)			
200 (200W)			
LHB-F200-C: 200W LED High Bay in Cool White			

Your local ENSA™ lighting solutions professional: