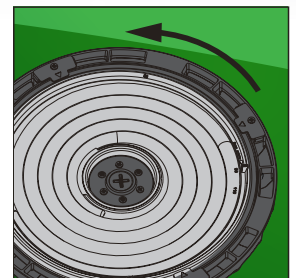
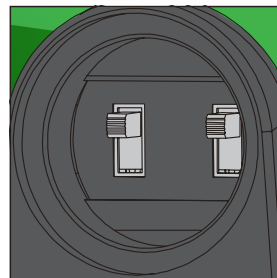




Bluetooth®
Control &
Dimming



Adjustable | **Power / Colour / Beam**



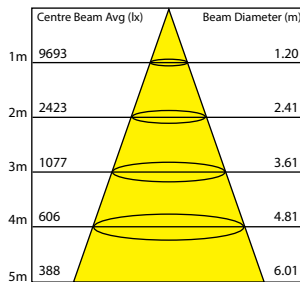
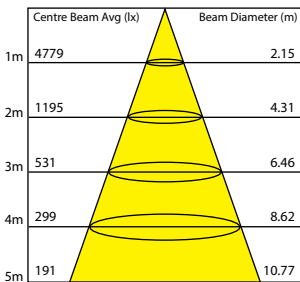
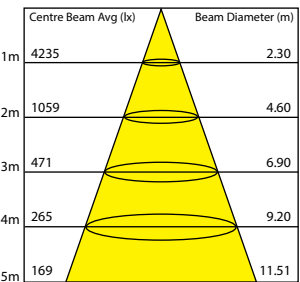
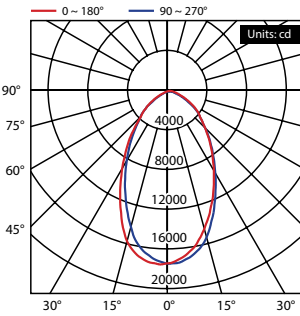
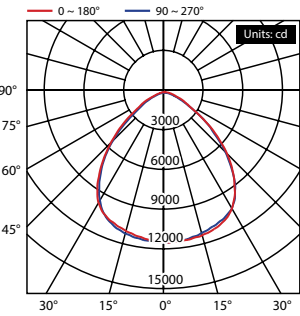
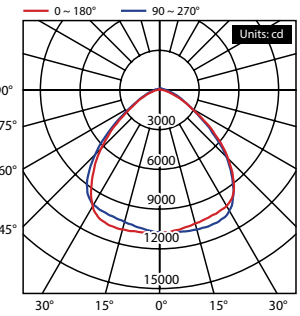
Commercial LED High Bay Lighting

LHB-G Series: Multi-Adjustable LED High Bay Lighting with Optional Motion Detection

ENSA™ LHB-G Series delivers customisable high bay LED lighting indoors and out, perfect for warehouses, indoor sports, workshops, retail and industrial environments. The LHB-G Series is effectively 9 different lights in one: adjust power output to control brightness and power consumption, choose your preference of warm, natural or cool white colour temperatures, and select the best beam angle for your mount height. Lights feature superior light output up to 170lm/W, inside a high thermal transmission, IP65 rated aluminium body for heat dissipation and reliable performance. Automate lighting and maximise energy saving with quick retrofit motion sensors, configurable by Bluetooth® or bidirectional infrared controls.

- Customise your lights with 3 adjustments for 9 light modes
- Tunable power output 80/120/150W via DIP switch
- Colour temp. adjustable 3000/4000/5000K via DIP switch
- Rotate lens for 60/90/110° beam angle adjustment
- Superior light output of 170lm/W (at 4000K colour temp.)
- IP65 die-cast aluminium chassis for superior heat dissipation
- Includes G1/2" thread hook with screw latch for mounting
- Optional retrofit Bluetooth® motion sensor and wall switch

Series Specifications

Model	LHB-G150-A: 150W G-Series Multi-Adjustable LED High Bay Light																																																					
Product Image																																																						
Series Name	LHB-G Series Multi-Adjustable LED High Bay Lights																																																					
Tunable LED Lighting System				Electrical																																																		
Wattage Select		80W / 120W / 150W (DIP switch)		Power Consumption 80W / 120W / 150W																																																		
Colour Temp. Select		3000K / 4000K / 5000K (DIP switch)		Input Voltage 100~240VAC, 50/60Hz																																																		
Beam Angle Select		60° / 90° / 110° (Rotate lens to set beam angle)		Power Factor > 0.9																																																		
Setting Adjustment		DIP switch on light body, Lens rotation		Dimmable 0~10V Dimming																																																		
Optical				General																																																		
Light Output	Efficacy	3000K 150lm/W	4000K 170lm/W	5000K 155lm/W	Ingress Protection	IP65																																																
	80W	12,000lm	13,600lm	12,400lm	Plug / Socket / Base	3-pin AC plug																																																
	120W	18,000lm	20,400lm	18,600lm	Reflector / Diffuser	Polycarbonate adjustable lens																																																
	150W	22,500lm	25,500lm	23,250lm	Mounting System	G1/2" thread with hook																																																
Colour Rendering Index		>70		Operating Environment -30 ~ +50°C																																																		
Rated LED Lifespan		50,000 hours at Ta25°		Dimensions Ø266 x 198mm (Ø266 x 118mm, excl. hook)																																																		
Photometry																																																						
Diagram Configuration		150W@4000K - 60° Beam Angle		150W@4000K - 90° Beam Angle		150W@4000K - 110° Beam Angle																																																
Illuminance at a Distance																																																						
	<table><tr><th>Centre Beam Avg (lx)</th><th>Beam Diameter (m)</th></tr><tr><td>1m 9693</td><td>1.20</td></tr><tr><td>2m 2423</td><td>2.41</td></tr><tr><td>3m 1077</td><td>3.61</td></tr><tr><td>4m 606</td><td>4.81</td></tr><tr><td>5m 388</td><td>6.01</td></tr></table>						Centre Beam Avg (lx)	Beam Diameter (m)	1m 9693	1.20	2m 2423	2.41	3m 1077	3.61	4m 606	4.81	5m 388	6.01	<table><tr><th>Centre Beam Avg (lx)</th><th>Beam Diameter (m)</th></tr><tr><td>1m 4779</td><td>2.15</td></tr><tr><td>2m 1195</td><td>4.31</td></tr><tr><td>3m 531</td><td>6.46</td></tr><tr><td>4m 299</td><td>8.62</td></tr><tr><td>5m 191</td><td>10.77</td></tr></table>						Centre Beam Avg (lx)	Beam Diameter (m)	1m 4779	2.15	2m 1195	4.31	3m 531	6.46	4m 299	8.62	5m 191	10.77	<table><tr><th>Centre Beam Avg (lx)</th><th>Beam Diameter (m)</th></tr><tr><td>1m 4235</td><td>2.30</td></tr><tr><td>2m 1059</td><td>4.60</td></tr><tr><td>3m 471</td><td>6.90</td></tr><tr><td>4m 265</td><td>9.20</td></tr><tr><td>5m 169</td><td>11.51</td></tr></table>						Centre Beam Avg (lx)	Beam Diameter (m)	1m 4235	2.30	2m 1059	4.60	3m 471	6.90	4m 265	9.20	5m 169	11.51
	Centre Beam Avg (lx)	Beam Diameter (m)																																																				
	1m 9693	1.20																																																				
	2m 2423	2.41																																																				
3m 1077	3.61																																																					
4m 606	4.81																																																					
5m 388	6.01																																																					
Centre Beam Avg (lx)	Beam Diameter (m)																																																					
1m 4779	2.15																																																					
2m 1195	4.31																																																					
3m 531	6.46																																																					
4m 299	8.62																																																					
5m 191	10.77																																																					
Centre Beam Avg (lx)	Beam Diameter (m)																																																					
1m 4235	2.30																																																					
2m 1059	4.60																																																					
3m 471	6.90																																																					
4m 265	9.20																																																					
5m 169	11.51																																																					
Luminous Light Distribution																																																						
	0 ~ 180° 90 ~ 270° Units: cd						0 ~ 180° 90 ~ 270° Units: cd						0 ~ 180° 90 ~ 270° Units: cd																																									
	90°						90°						90°																																									
	75°						75°						75°																																									
	60°						60°						60°																																									
45°						45°						45°																																										
30° 15° 0° 15° 30°						30° 15° 0° 15° 30°						30° 15° 0° 15° 30°																																										
Accessories																																																						
Bluetooth Motion Sensor	LHB-G-BM: Retrofit microwave motion sensor; Bluetooth® SIG mesh controllable, broadcasts configuration to neighbouring devices, IP65 rated																																																					
Bluetooth Wall Switch	LHB-G-BD: On/off and dimming control wall switch, replaces existing switches, Bluetooth® switch communicates via microwave motion sensor																																																					
IR Remote Control	LHB-G-RC: Infrared remote control for bi-directional communication, configures light mount height up to 15m, integrates with motion sensor																																																					

Your local ENSA™ lighting solutions professional: