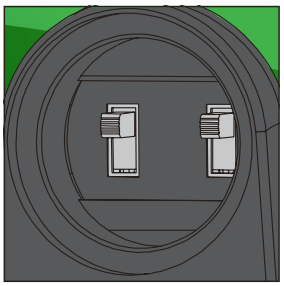
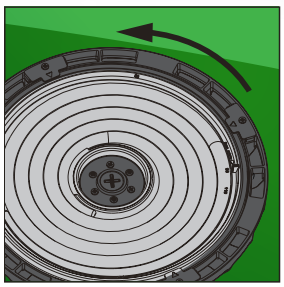
ENSA™

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

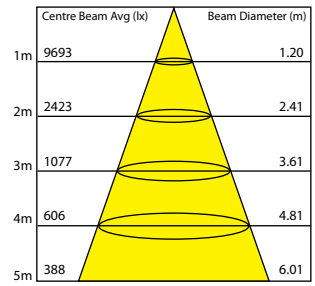
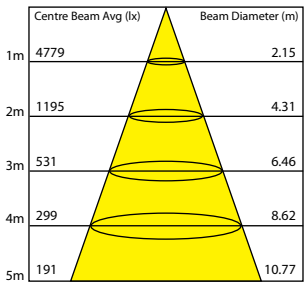
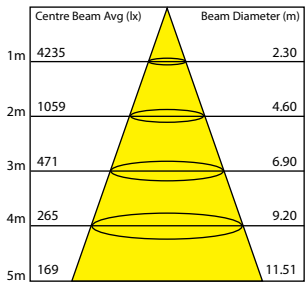
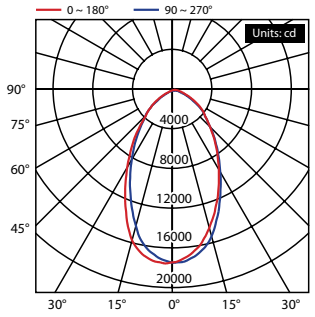
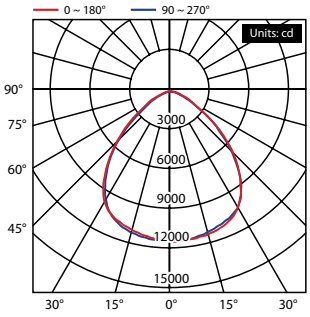
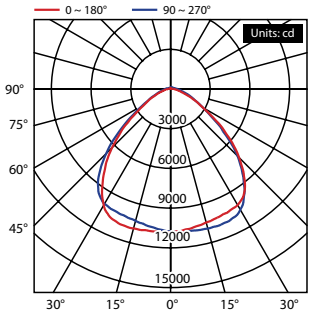
Contact your local ENSA™ supplier for full warranty details.

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			
Luminous Light Distribution			

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-BW:** 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: