



POWER OF UP TO
SAVING **50%**

OVER TRADITIONAL METAL
HALIDE LUMINAIRES
50,000 HOURS RATED LIFE

LHB SERIES LED HIGHBAY

MAX PERFORMANCE & RELIABILITY

Syntech's LHB Series of "Gel-Cored" LED High-bays represents the latest in high quality, high performance industrial luminaires.

Incorporating a Gel-Cored thermal heat-sink for superior heat dissipation properties and utilising Philip's Luxeon Series LED the LHB Series delivers unparalleled light performance.

At the heart of the unit is our central power supply manufactured by Mean Well's one of the worlds leading manufacturers of power supply technologies.

Developed to replace inefficient metal halide luminaires the new LHB Series delivers superior energy efficiency in a compact, high quality reliable luminaire.



KEY TECHNICAL FEATURES

- Suitable for warehouses, production, logistics centres and other industrial and commercial buildings
- Good colour rendering - enhanced visibility/safety
- Three colour options 3000°K, 4000°K, 5500°K
- High Lumen output performance
- 50,000 hours average lifespan



PLUG BASE



PLUG AND PLAY



SENSOR (Optional)



HARDWIRED (Optional)



PRODUCT SPECIFICATIONS

Watts	80W, 150W, 200W
Rated Luminous Flux	8100lm, 15000lm, 19800lm
Colour Accuracy (CRI)	70
Rated Power	90W, 165W, 220W
Input Voltage	90-305VAC
Power Factor	>0.95
Lumens per Watt	90lm/W
Average Lifespan	50,000 hrs
Operating Temperature	-40°C to +45°C
IP Rating	IP40 or IP65

ORDERING INFORMATION

Part Code:	Description:	Colour Code:	
SYN-LHB-GC-80W Driver: HLG-100H-36A	80 Watt LHB Series Gel Cored LED High Bay Luminaire complete with 1.5m Power Cord	30°	3000°K
		40°	4000°K
		50°	5000°K
SYN-LHB-GC-150W Driver: HLG-185H-36A	150 Watt LHB Series Gel Cored LED High Bay Luminaire complete with 1.5m Power Cord	30°	3000°K
		40°	4000°K
		50°	5000°K
SYN-LHB-GC-200W Driver: HLG-240H-36A	200 Watt LHB Series Gel Cored LED High Bay Luminaire complete with 1.5m Power Cord	30°	3000°K
		40°	4000°K
		50°	5000°K

Example: LHB Series LED High Bay in 6500k colour SYN-LHB-GC-80W-65