



TRACE LITE
commercial & industrial lighting

barronltg.com

MINI LED LINEAR HIGHBAY

Multiple lumen packages from 13,800 to 60,000 lumens.

Offered in both static or CCT & power selectable configurations.

Efficacies up to 150 LPW maximize energy savings.

General or Aisle lens distribution.

DesignLights Consortium® (DLC) PREMIUM Qualified.

Built-in sensor receptacle.

Battery backup and 480V options available.

MQHB Series

MINI LED LINEAR HIGHBAY

The Trace-Lite MQHB Series mini economy linear highbay offers superior performance and energy-efficiency in a low-profile, compact design. The MQHB is a cost-effective solution offered in both static or CCT and power selectable configurations with outputs up to 60,000 lumens. This series is available with multiple options including general or aisle lens distribution, integral battery backup and line cords. MQHB also offers convenient accessories such as LiteLogic Bluetooth® enabled plug and play sensors, 480V step-down transformers and pendant or surface mount kits for maximum project flexibility. It features an IK08 rated optical lens and is supplied with a built-in sensor receptacle. This versatile luminaire comes standard with 10' aircraft mounting cables and can be stem or pendant mounted with optional accessories. The MQHB highbay is ideal for retail, industrial, commercial, manufacturing, warehousing, gymnasium and other large interior spaces with mounting heights up to 50'. DesignLights Consortium® (DLC) PREMIUM Qualified for energy rebates.

FEATURES & BENEFITS

- Multiple lumen packages from 13,800 to 60,000 lumens
- Efficacies up to 150 LPW maximize energy savings and utility rebates
- Standard wide (120°) and optional Aisle lens distribution (40°x110°)
- Available in 4000K or 5000K CCT
- Two configurations are CCT (4000K/5000K) & power switchable (3 levels):
 - 135W (15,000lm, 18,500lm, 20,250lm)
 - 200W (23,250lm, 27,750lm, 30,000lm)
- Switch located and easily accessible outside enclosure (on switchable configurations)
- Factory installed battery backup (120/277VAC) 15W (delivers 2,000 lumens (Option: BB1) and a 24W system delivers 3,500 lumens for over 90 minutes of emergency powered illumination (Option: BB2), mounted to top of unit)
- Integral microwave sensor option (SC) allows for two or three step/level dimming and has optional daylight harvesting capabilities
- Plug and Play Occupancy Sensors – receptacle built on the central front panel
 - Dimming occupancy sensor, PIR, with daylight harvesting capabilities. 120/277VAC, 3.5mm AUX port (TL-MSP12)
 - LiteLogic Wireless Bluetooth PIR Sensor with daylight harvesting capabilities, 120/277VAC, 3.5mm AUX port ([LE-MS3-AUX-HB1](#))
- Stem or conduit mounts allows for surface or conduit mount installation
- Wireguard kit for field installation
- cULus Listed for Damp Locations
- DesignLights Consortium® (DLC) PREMIUM Qualified

ORDERING INFORMATION (Example: MQHB-135-D-VS-4K-BB)

Series	Size/Max Wattage	Distribution	Input Voltage	CCT/Power	Options (Factory Installed)
MQHB	S-92 = Small, 92W	D = General Diffused	VS = 120/277VAC	4K ³ = 4000K	BB1 = Battery Backup, 15W System
	S-135 ¹ = Small, 135W	A = Aisle	HVS ² = 480VAC	5K ³ = 5000K	BB2 = Battery Backup, 24W System
	M-155 = Medium, 155W			CP ⁴ = CCT & Power Selectable (4000K-5000K)	LC6 ⁵ = 6' Line Cord, Blunt End (300V)
	M-200 ¹ = Medium, 200W				LC15 ⁵ = 15' Line Cord, Blunt End (300V)
	L-270 = Large, 270W				
	XL-400 = X-Large, 400W				

LiteLogic Accessories ⁶ (Field installed)	Accessories ⁶ (Field installed)
LE-MS3-AUX-HB1 = Bluetooth Enabled Dimming Occupancy Sensor, PIR	20300032 = Field-installed In-line 10kVA Surge Protector for 120/277VAC, 320V, 420J
LE-SW2 = Bluetooth Enabled, 5-Button, Battery Powered Wall Switch	20300033 = Field-installed In-line 10kVA Surge Protector for 480VAC, 1500V, 570J
LE-SW3 = Bluetooth Enabled, 3-Button, Line Voltage Wall Switch (Neutral Required)	LC6 ⁵ = 6' Line Cord, Blunt End (300V)
LE-SW4 = Bluetooth Enabled, 7-Button, Line Voltage Wall Switch (Neutral Required)	LC15 ⁵ = 15' Line Cord, Blunt End (300V)
LE-WP = Wallplate for LE-SW2, White	MC6-6 = Metal Clad 6' (6-Conductor) #18 Leads Whip (For Dimming Applications)
TL-MSP12 = Dimming Occupancy Sensor, PIR, 120/277VAC	MQHB-SM ⁷ = Surface Mount Brackets
TL-MSSW-REMOTE = Remote for SC Dimming Sensor	MQHB-PM ⁷ = Pendant Mount Bracket
	WG-MQHB-S = Wireguard, Small (78W-135W)
	WG-MQHB-M = Wireguard, Medium (155W-200W)
	WG-MQHB-L = Wireguard, Large (270W)
	WG-MQHB-XL = Wireguard, XL (400W)

Notes

- ¹ Offered with CCT & Power Selectable features only
- ² Not compatible with BB1 or BB2 options, contact factory for line cords compatible with HVS option
- ³ Option available for 92W, 155W, 270W & 400W configurations only
- ⁴ Option available for 135W & 200W configurations only
- ⁵ 120/277VAC only, consult factory for BB option combined with line cord options,
- ⁶ Order as a separate line item, shipped in a separate box for installation in the field
- ⁷ Can not be used combined with battery backup or step down transformer options



EQUITY LINE

Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.

10840491 MKT-LIT-MQHB Rev 4

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