EQUITY LINE
TRACE*LITE

EQHB Series
High-Performance LED Linear Highbay

DESCRIPTION

The ultra-slim, energy-efficient EQHB Series is an economy highbay that utilizes high-efficacy and high-output LEDs. This product is offered in multiple lumen packages optimizing project flexibility for retail, industrial, commercial, manufacturing, warehousing, gymnasiums and other large interior spaces with mounting heights up to 50'. The EQHB is an upgraded version of our EHB, delivering up to 50,500 lumens and includes standard adjustable aircraft cable mounts. The fixture can also be stem or pendant mounted. The EQHB highbay is suitable for ambient temperatures up to 55°C. Options include 347/480VAC, battery backup, occupancy controls, line cords and more.

SPECIFICATIONS

Construction:
• Die-formed steel housing in a white finish
• Standard diffused polycarbonate lens
• Compact configurations, as small as 9.9" wide and 23.6" long
• Low profile, only 1.8" height for models up to 29,000 lumens
• Isolated central driver compartment optimizes thermal dissipation (access from below the fixture-remove two screws)
• ½" Knockout on both ends as well as in the central panel to allow for easy installation of sensors or other accessories

Optics/LEDs:
• Multiple lumen packages from 12,000 to 50,500 lumens to accommodate a variety of job applications
• Efficacies up to 142 LPW maximize energy savings and utility rebates
• Available in 4000K and 5000K CCT
• CRI ≥80
• L70 >100,000 hours
• L90> 50,000 hours

Electrical:
• 347/480VAC Option
• Class 2 power supply, 120 to 277VAC, 50/60Hz
• 1-10V Dimming driver (120-277 VAC only)
• Built-in driver surge protection L/N-PE: 6kV, L-N: 4kV

Installation:
• 5' Adjustable cable mount kit included for suspension mount
• Central compartment easily accessible from the front to allow for easy wiring or accessory installation
• ½" Knockouts located at both ends of the unit as well as the central front panel
• Can be surface or stem/pendant with the use of the stem mount kit

Options:
• Integral battery backup option offers 1000 lumens (90W and 130W configuration) and 2000 lumens (180W - 370W configuration) of emergency powered illumination for 90 minutes
• Bluetooth enabled dimming cccupancy sensor (Option: LE), PIR, 120/277VAC (integral)
• Dimming occupancy sensor (Option: SC), PIR, with daylight harvesting capabilities. 120/277VAC, (integral)
• 6' and 15' Line cords (LC*, 3-conductor)
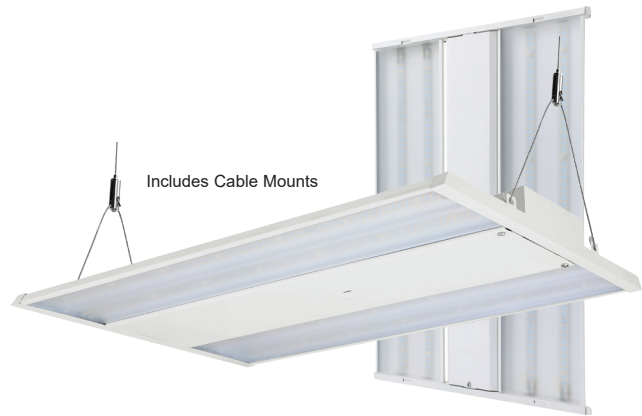• 15' Metal clad line cord (MC15, 3-conductor)

Testing & Compliance:
• cULus Listed for Damp Locations
• DesignLights Consortium® (DLC) PREMIUM Qualified
• Operating temperatures: -40°C to 55°C (-40°F to 131°F)

Warranty:
• Five Year Warranty (Terms and Conditions Apply)

Includes Cable Mounts

Specs at a Glance							
Wattage (W)*	90	130	180	210	270	300	370
Lumens (lm)	12,600	18,500	25,200	29,000	37,000	41,500	50,500
Efficacy (LPW)	140	142	140	138	137	138	136
Distribution	General Diffused 120°						
CCT (K)	4000K, 5000K						
CRI	≥80						
Input Voltage	120-277VAC, 50/60Hz, 347/480VAC Option						
Operating Temp	-40°C to 55°C (-40°F to 131°F)						
Certifications	UL Listed for Damp Locations, DLC PREMIUM						
Warranty	5 Years						
Weight	5.8 lbs	7.3 lbs	10.7 lbs	9.3 lbs	22.5 lbs		

* Nominal Wattage, tested at 5000K CCT. Values at 120/277VAC.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

Accessories:

• Bluetooth enabled wall switches, battery powered or line voltage (LE-SWX)
• On/off occupancy sensor (TL-OCCSNSD-120/277)
• Remote for SC option and remote (TL-MSSWREMOTE)
• Stem/conduit mount box allows for surface mount installation, consult ordering information for surface mount kit needed based on highbay configuration
• Multiple line cords for field installation
• Wireguard kit for field installation
• Field-installed In-line 10kVA surge protector for 120/277VAC, 320V, 420J (20300032)
• Field-installed In-line 10kVA surge protector for 347/480VAC, 1500V, 570J (20300033)

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

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Ordering Information (Example: EQHB-180-D-VS-4K)

Series	Wattage	Distribution	Input Voltage	CCT	Options (Factory Installed)
EQHB	90 = 90W	D = General Diffused	VS = 120/277VAC	4K = 4000K	LE[4] - Bluetooth Enabled Dimming Occupancy Sensor, PIR, 120/277VAC (Integral)
	130[1] = 130W		HVS[3] = 347/480VAC	5K = 5000K	SC = Dimming Occupancy Sensor, PIR, 120/277VAC (Integral)
	180 = 180W				BB[5] = Battery backup
	210 = 210W				LC6 = 6' Line cord, blunt end (300V)
	270 = 270W				LC6T = 6' Line cord, L7-20P plug (300V)
	300 = 300W				LC15 = 15' Line cord, blunt end (300V)
	370[2] = 370W				LC15T =15' Line cord, L7-20P plug (300V)
					MC15 = 15' Line cord (metal clad), blunt end (300V)

LiteLogic Accessories[5] (Field installed)		Accessories[6] (Field installed)
LE-SW2 = Bluetooth Enabled, 5-Button, Battery Powered Wall Switch		EHB-CTY10 = 10' Cable Mount with Integral Y-Toggles (Pack of 2)
LE-SW3 = Bluetooth Enabled, 3-Button, Line Voltage Wall Switch (Neutral Required)		LC6 = 6' Line cord, blunt end (300V)
LE-SW4 = Bluetooth Enabled, 7-Button, Line Voltage Wall Switch (Neutral Required)		LC6T = 6' Line cord, L7-20P plug (300V)
LE-WP = Wallplate for LE-SW2		LC15 = 15' Line cord, blunt end (300V)
TL-MSSW-REMOTE = Remote for SC Dimming Sensor		LC15T = 15' Line cord, L7-20P plug (300V)
TL-OCCSNSD-120/277 = On/off Occupancy Sensor (120/277VAC)		STMEQHB = Stem/conduit and surface mount for 90W & 130W configurations

Notes

[1] With BB option, only available in size 23.6" x 15.7" x 1.8"

[2] Longer lead times apply, consult factory for details

[3] Not compatible with BB or SC options, contact factory for line cords compatible with HVS option

[4] Not a UL Listed option

[5] Consult factory for BB option combined with line cord options,

  1000 lumens, 8W on the 90W and 130W configurations,

  2000 lumens, 16W on the 180W-370W configurations

[6] Order as a separate line item, shipped in a separate box for installation in the field

Accessories[6] (Field installed) continued:

STMEHB = Stem/conduit and surface mount for 180W & 210W configurations

STMLHB = Stem/conduit and surface mount for 270W, 300W & 370W configurations

20300032 = Field-installed In-line 10kVA surge protector for 120/277VAC, 320V, 420J

20300033 = Field-installed In-line 10kVA surge protector for 347/480VAC, 1500V, 570J

WG-EQHB12 = Wireguard kit for 90W and 130W configurations

WG-EQHB22 = Wireguard kit for 180W and 210W configurations

WG-EQHB24 = Wireguard kit for 270W, 300W and 370W

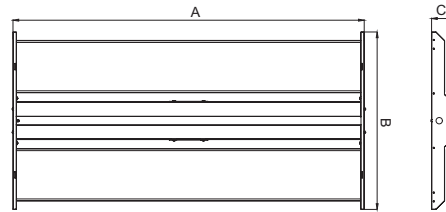MC6-6 = Metal Clad 6' (6-conductor) #18 leads whip (for dimming applications)

Sample Photometry

EQHB-180-D-VS-5K
IES: TYPE VS Very Short
MOUNTING HEIGHT: **20'**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 1.36
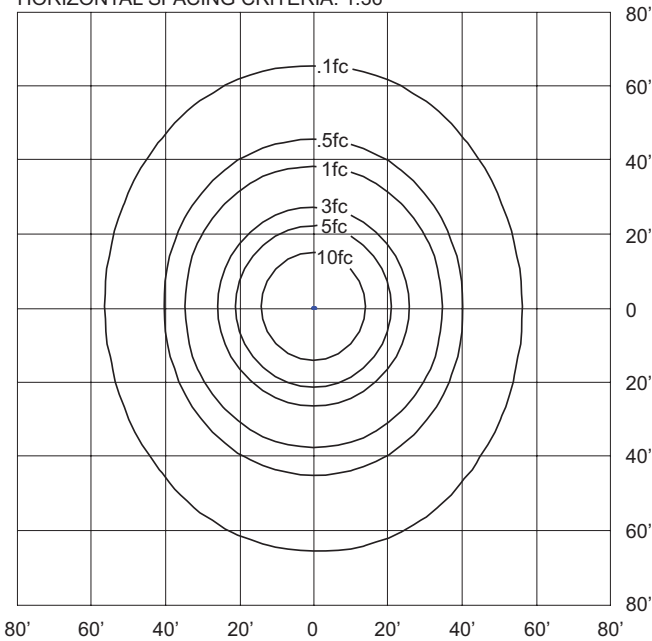
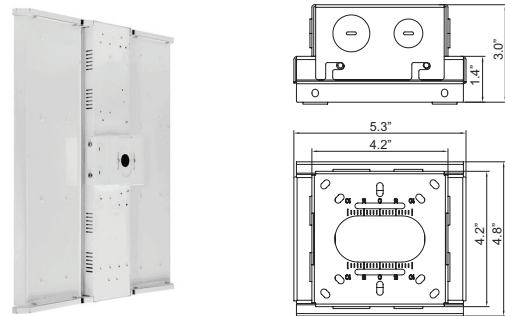## Dimensions


Model	A	B	C	Net Weight (lbs)
EQHB-90	23.6"	9.9"	1.8"	5.8
EQHB-130	23.6"	9.9"	1.8"	7.3
EQHB-130 (BB)	23.6"	15.7"	1.8"	10.7
EQHB-180	23.6"	15.7"	1.8"	10.7
EQHB-210	23.6"	15.7"	1.8"	9.3
EQHB-270	47.6"	24.0"	2.9"	22.5
EQHB-300	47.6"	24.0"	2.9"	22.5
EQHB-370	47.6"	24.0"	2.9"	22.5

Pendant/Surface Mount Box Details (STEMEHB/STEMLHB Accessories)

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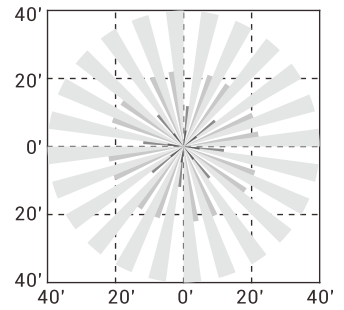800.533.3948 • www.barronltg.com

Sensor Details - Bluetooth Enabled (Option LE) [Click here for sensor details](#)
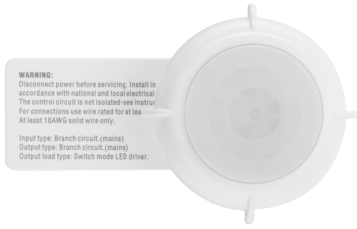
Coverage Side View
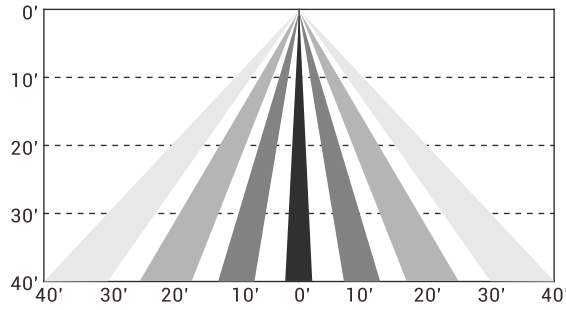
Coverage Top View (40')

SEE APP FOR SENSOR SETTINGS

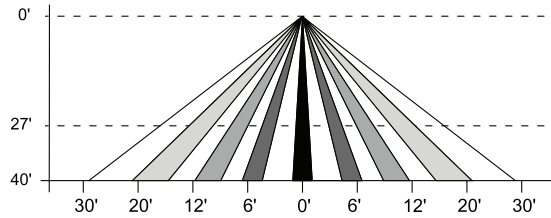For a complete list of **LiteLogic** compatible products, [click here](#).

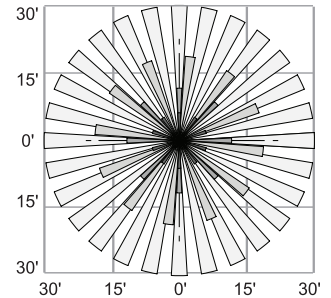Get it from the **App Store**

Get it from **Google Play**

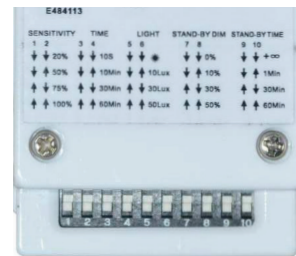## Sensor Details (Option SC and Accessory TL-MSSW-REMOTE)

Coverage Side View

Coverage Top View (40')

Sensor Settings (TL-MSSW-REMOTE)

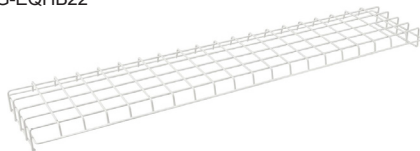|	
DETECTION RADIUS/ANGLE	MAX 60'/360°
MOUNTING HEIGHT	MAX 40'
REMOTE RANGE	MAX 33'
FREQUENCY	5.8 gHz
HIGH MODE	70%, 80%, 90%, 100% (DEFAULT 100%)
SENSITIVITY	20%, 50%, 75%, 100% (DEFAULT 100%)
HOLD TIME	10sec, 1min, 5min, 10min, 15min, 20min, 30min, 60min (DEFAULT 5min)
DAYLIGHT HARVESTING	☀, (disabled), 10Lux, 30Lux, 50Lux, 100Lux, 150Lux, 200Lux, 300Lux (DEFAULT disabled)
STANDBY DIM SETTING	0, 10%, 20%, 30%, OFF (∞), (DEFAULT 30%)
STANDBY TIME SETTING (TO OFF)	ON (disabled), 1min, 30min, 60min (DEFAULT 30min)

Sensor Dip Switch Settings
(Dip Switches on SC Sensor)

TL-MSSW-REMOTE Accessory
(Sold Separately)

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Wireguard Accessories (2pc Wireguard Kits)

WG-EQHB12

WG-EQHB22

WG-EQHB24

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