

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

High Performance Low Bay (HPL)

LED LOW BAY

*U.S. PATENT NO. 10,054,296⁴



KEY FEATURES

- 10,000 to 23,000 lumens
- Up to 139 LPW
- Up to 55°C ambient
- Easy access to components
- FCC CFR 47 Part 15



Superior Heat Dissipation

6063 T5 aluminum construction. Heat sink extrusion and patented air flow cavity allows for superior heat dissipation.



Superior Optics

Very wide light distribution. Up to 240° beam angle. Frosted, integral volumetric diffuser provides glare-free experience.



Controls and Sensors

Linmore LED Driver with 0-10V dimming. Plus motion and dimming sensors, and wireless controls available.



TECHNICAL SPECS

# OF BARS	LUMEN OUTPUT	EFFICACY	WATTS	PART NUMBER
2	9,813	139	71	LL-HPL-50K-2-72-X
2	11,018	134	82	LL-HPL-50K-2-88-X
3	14,660	138	106	LL-HPL-50K-3-110-X
3	16,754	134	125	LL-HPL-50K-3-132-X
4	22,662	132	171	LL-HPL-50K-4-176-X

Typical lumen output (±10%) at 120V (LV) under 25°C ambient temperature at 5000K.

Lumen Multipliers

Allows to calculate the actual lumen output for your application. Apply each multiplier to the lumens of the shaded table.

COLOR TEMP	
CCT	Multiplier
5000	1.000
4100	1.000
3500	0.980

Example: How to calculate the actual lumen output of the 11,018 model at 3500K.

- 1) Find the lumens from the lumen output column.
- 2) Apply all the corresponding multipliers.

$$\begin{array}{ccccccc}
 11,018 & \times & 0.980 & = & 10,798 \\
 \text{Nominal lumens} & & \text{CCT} & & \text{Actual lumens}
 \end{array}$$

ACCESSORIES

Must be ordered separately. Packaged separately.

OPTIONS

Part Number	Description
LL-UPH-RB-W	Rigid mount brackets, white, one pair
LL-CABS	Aircraft Cable, universal yoke and toggle kit, 6' suspension cable adjustable to 1', sold in pairs
SAFETYCABLE	Kit includes (1) 10 ft. aircraft cable with single snap hook, L-bracket, screw and nut.
HANGER	Kit includes (2) wire V hangers.
PLATE	Kit includes (1) hanging plate with mounting hole for 3/4" conduit and (4) 5 ft. aircraft cables and snap hooks.
	Power supply replacement available upon request. Contact factory for details.

SWITCHES

EO-ESRPB	Enocean switch. Single rocker with Bluetooth®.
EO-EDRPB	Enocean switch. Double rocker with Bluetooth®.
EO-ESRP	Enocean switch. Single rocker.
EO-EDRP	Enocean switch. Double rocker.

ORDERING

MODEL	CCT	BARS	WATTAGE	CORDS		OPTIONS
LL-HPL	35K 3500K	2	72	6 Comes standard with 6' Cord, 15A, 3-wire, no plug.	CL715 Cord, 15A, Locking Plug, 277V (L7-15P), 6'	HB350W-L3 Wattstopper occupancy sensor, ON / OFF, IP65, 120-277V, L3 lens
	41K 4100K	3	88		CL720 Cord, 20A, Locking Plug, 277V (L7-20P), 6'	MCW McWong PIR bi-level dimming motion sensor, remote head mount
	50K 5000K	4	110	11 11' Cord, 15A, 3-wire, no plug.		MCW-BLE McWong sensor for use with UltraLink only
	Other CCT available upon request		132	15 15' Cord, 15A, 3-wire, no plug.	CL820 Cord, 20A, Locking Plug, 347V (L24-20P), 6'	LEDD Enocean controller
			176	C515 Cord, 15A, Straight Plug, 120V (5-15P), 6'	CL2420 Cord, 20A, Locking Plug, 480V (L8-20P), 6'	QBM Linmore LED UltraLink
				CL515 Cord, 15A, Locking Plug, 120V (L5-15P), 6'	WFC Winsta Female Connector	BBU-08W Emergency Battery Backup, 8 Watts
						BBU-25W Emergency Battery Backup, 25 Watts
						TF Transformer: 480V to 277V internal
						UL Uplight: 2' Linmore URS Light Bar 15 Watts
						SSP 20kA Surge Suppressor, 120-277V
						SSPH 20kA Surge Suppressor, 480V

ORDERING EXAMPLES

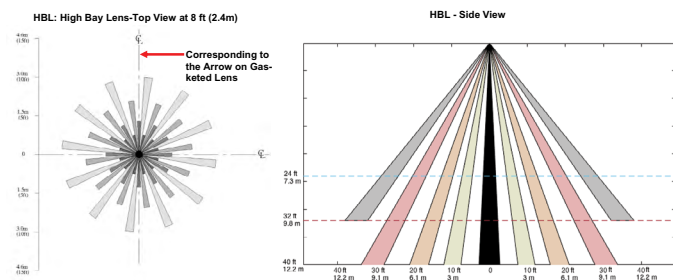
Standard: LL-HPL-50K-4-176-15

With Options: LL-HPL-50K-4-176-15-OS

OCCUPANCY SENSORS

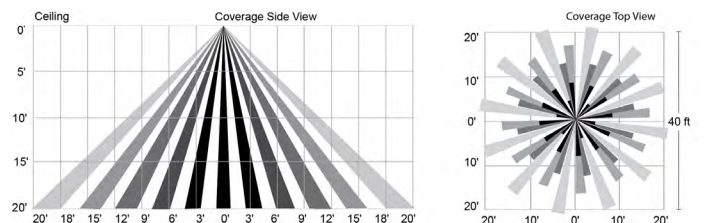
McWong

MCW



Wattstopper

HB350W-L3



FEATURES & SPECIFICATIONS

CONSTRUCTION

- **Aluminum Construction:** LED driver enclosure and heat sink extrusions are 6063 T5 aluminum. Interior PCB Board is made of aluminum core and mechanically bonded to the aluminum extrusion heat sink.
- **Assembled in the USA.**

ELECTRICAL

- **Power Input:** 120-277V.
- **Power Factor:** >0.9 (0.99 typical).
- **Total Harmonic Distortion:** <9%.
- **Surge Protection:** Optional integral 20 KA surge suppression.
- **Emergency Battery Backup (BBU):** 8 Watt and 25 Watt BBU optional.

OPERATION

- **Environment:** Dry/Damp, for interior applications. Dust-resistant LED modules. Suitable for most food processing applications
- **Ambient Range Operation:** -40°C up to 55°C (-40°F up to 130°F).

OPERATION

- **CCT:** 3500K, 4100K and 5000K standard, other CCT available (extended lead time).
- **CRI:** >80 standard.
- **Lenses:** Up to 240° beam angle. Frosted, integral volumetric diffuser provides glare-free experience.

MOUNTING

- **Mounting:** Fixture installed with aircraft cable assembly.

CONTROLS

- **Dimming:** 0-10V standard. Dim to OFF.
- **Sensors:** Compatible with Wattstopper and McWong sensors, and EnOcean switches.
- **Networked Control Options^{2,5}:** Compatible with Avi-on networked controls and UltraLink SIG Bluetooth® with Mesh Networked Controls³.

WARRANTY

- **Standard:** 14 year warranty on the light bars. 10 year warranty on the driver.

LISTINGS & CERTIFICATIONS

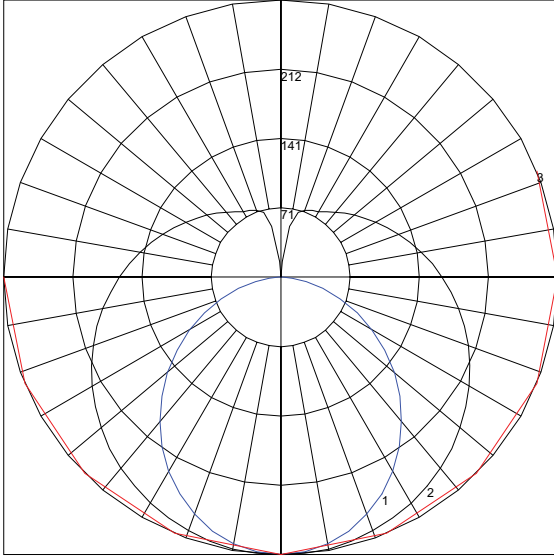
- UL 1598.
- RoHS compliant.
- DesignLights™ Consortium Premium.¹
- FCC CFR 47 Part 15.
- cUL.



LIGHT DISTRIBUTION

2 BAR MODEL

Polar Graph
LL-HPL-50K-2-72-X



Maximum Candela: 3176

Located at horizontal angle: 0, Vertical angle : 0

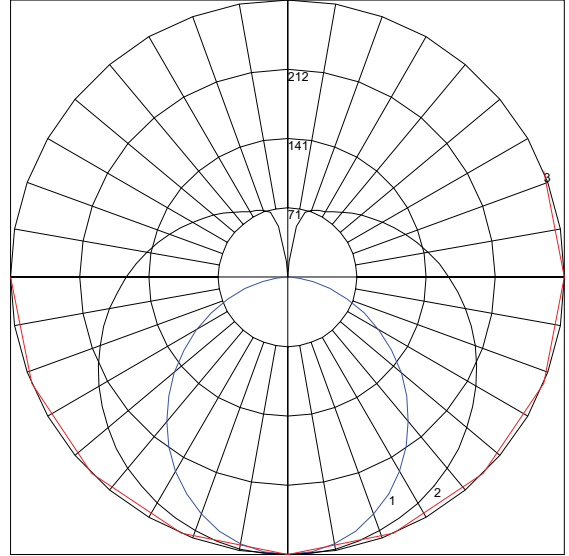
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)

#2: Vertical plane through horizontal angles (90-270)

#3: Horizontal cone through vertical angle (0)(through max Cd.)

3 BAR MODEL

Polar Graph
LL-HPL-50K-3-110-X



Maximum Candela: 4803

Located at horizontal angle: 0, Vertical angle : 0

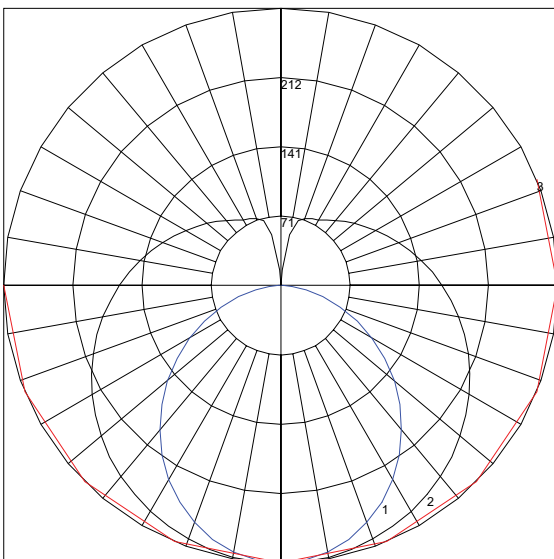
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)

#2: Vertical plane through horizontal angles (90-270)

#3: Horizontal cone through vertical angle (0)(through max Cd.)

4 BAR MODEL

Polar Graph
LL-HPL-50K-4-176-X



Maximum Candela: 7445

Located at horizontal angle: 0, Vertical angle : 0

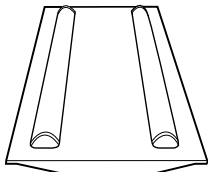
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)

#2: Vertical plane through horizontal angles (90-270)

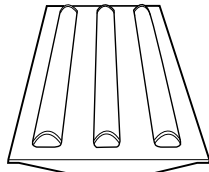
#3: Horizontal cone through vertical angle (0)(through max Cd.)

[Download IES Files](#)

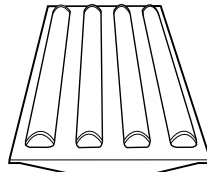
DIMENSIONS & DRAWINGS



2 Bar



3 Bar



4 Bar

FIXTURE DIMENSIONS

Size	Length (in)	Width (in)	Height (in)	Weight (lb)
2 Bar	46	12	3	16
3 Bar	46	12	3	17
4 Bar	46	12	3	18

FOOTNOTES

1. Check QPL for up-to-date listings.
2. Synapse, Daintree and Enlighted are available with extended lead time. Electrical changes and additional components required to make fixture compatible.
3. Requires EnOcean switch, McWong sensor or a gateway for complete functionality.
4. Patent is on internal URS Light Bar only.
5. Contact your Regional Sales Director for more information.

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