LinmoreLED
ULTRA PERFORMANCE LIGHTING

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

High Performance Low Bay (HPL)

LED LOW BAY

*U.S. PATENT NO. 10,054,296[4]

Linmore LED ULTRALINK CONTROLS REIMAGINED

Bluetooth Ready

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.

KEY FEATURES

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

14 YEAR WARRANTY

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.

ORDERING

MODEL	CCT	BARS	WATTAGE	CORDS		OPTIONS
LL-HPL	**35K** 3500K **41K** 4100K **50K** 5000K Other CCT available upon request	**2** **3** **4**	**72** **88** **110** **132** **176**	**6** Comes standard with 6' Cord, 15A, 3-wire, no plug. **11** 11' Cord, 15A, 3-wire, no plug. **15** 15' Cord, 15A, 3-wire, no plug. **C515** Cord, 15A, Straight Plug, 120V (5–15P), 6' **CL515** Cord, 15A, Locking Plug, 120V (L5–15P), 6'	**CL715** Cord, 15A, Locking Plug, 277V (L7–15P), 6' **CL720** Cord, 20A, Locking Plug, 277V (L7–20P), 6' **CL820** Cord, 20A, Locking Plug, 347V (L24–20P), 6' **CL2420** Cord, 20A, Locking Plug, 480V (L8–20P), 6' **WFC** Winsta Female Connector	**HB350W-L3** Wattstopper occupancy sensor, ON / OFF, IP65, 120-277V, L3 lens **BBU-08W** Emergency Battery Backup, 8 Watts, mounted to top of driver cover **BBU-25W** Emergency Battery Backup, 25 Watts, mounted to top of driver cover **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**

ACCESSORIES

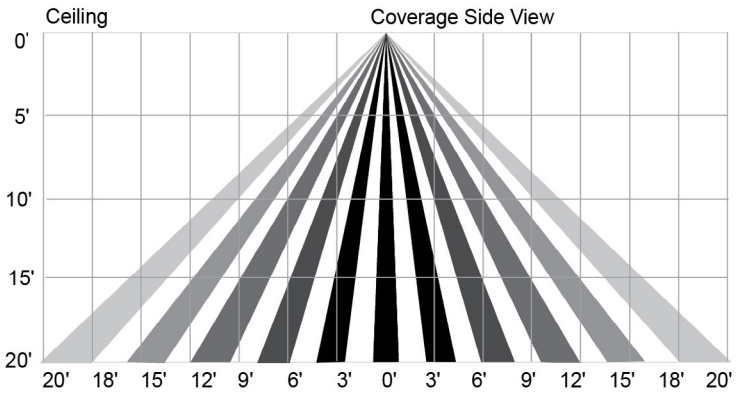
Must be ordered separately. Packaged separately.

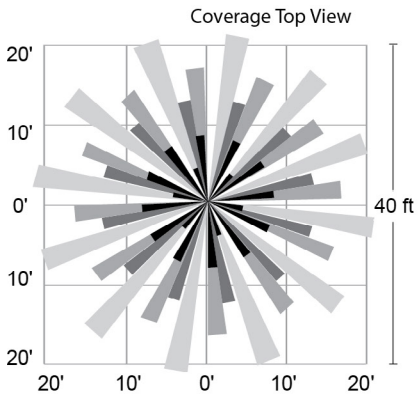
OPTIONS	
Part Number	**Description**
LL-UPH-RB-W	Rigid mount brackets, white, one pair
CABLEKIT	Gripple Cable Kit. Includes (two) 10 ft. aircraft “Y” cables and snap hooks (one pair).
SAFETYCABLE	Kit includes (1) 10 ft. aircraft cable with single snap hook, L-bracket, screw and nut.
HANGER	Kit includes (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.

OCCUPANCY SENSORS

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.
- **Networked Control Options[1,2]:** Compatible with Avi-on networked controls and UltraLink SIG Bluetooth® with Mesh Networked Controls[1,3].

WARRANTY

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

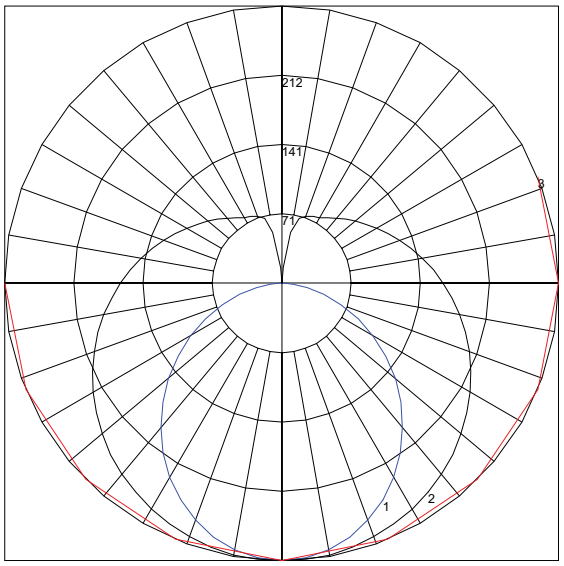
LISTINGS & CERTIFICATIONS

- UL 1598.
- RoHS compliant.
- FCC CFR 47 Part 15.
- cUL.

LIGHT DISTRIBUTION

2 BAR MODEL

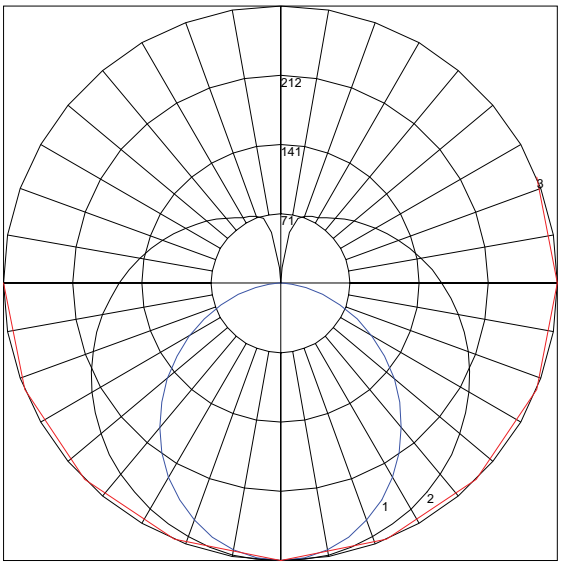
Polar Graph
LL-HPL-50K-2-72-X



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

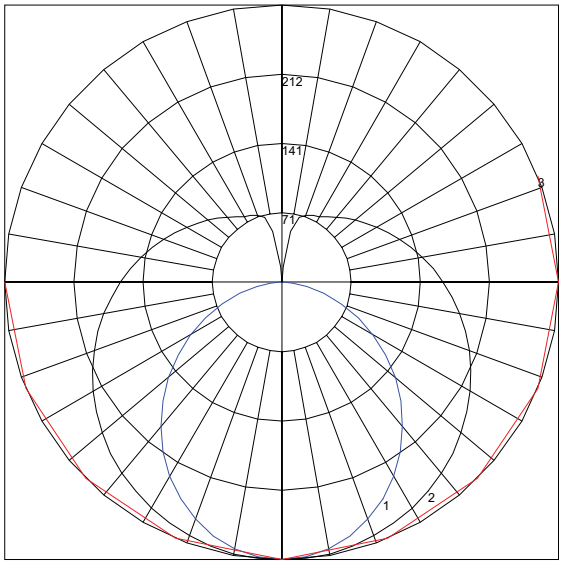
Polar Graph
LL-HPL-50K-3-110-X



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

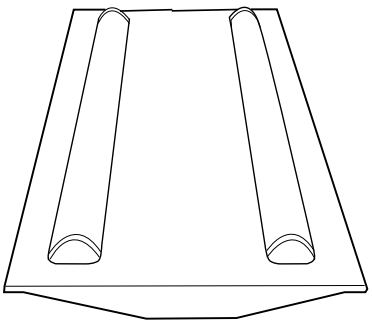
Polar Graph
LL-HPL-50K-4-176-X



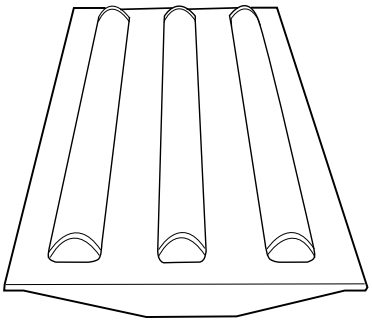
Maximum Candela: 7445
Located at horizontal angle: 0, Vertical angle : 0
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)
#2: Vertical plane through horizontal angles (90-270)
#3: Horizontal cone through vertical angle (0)(through max Cd.)

Download IES Files

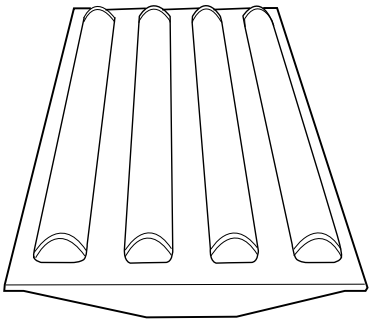
DIMENSIONS & DRAWINGS



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. Contact factory.
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.

Linmore LED Labs, Inc.
2360 S Orange Ave, Fresno, CA 93725
559 485 6010 | info@linmoreled.com | linmoreled.com

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Updated: 2022.12.13