

EHBLASR

Adjustable Linear High Bay Sensor Ready Lumens & Kelvin Selectable

HOUSING

- Premium powder-coat, steel, white housing.

ELECTRICAL

- Operating temperature (ambient): -40°C to 50°C (-40°F to 122°F)
- Universal 120-277V AC voltage (50-60Hz) is standard.
- Optics rotate up to 135°.
- Screw in sensor ready. (Sensor and remote control sold separately).
- Emergency driver option available.
- 347-480v achieved with step-down transformer.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection = 6kV.
- PF > 0.9; THD < 20%.

OPTICAL SYSTEM

- Polycarbonate lens.
- Field Selectable 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Tri-Lumens selectable delivers 9,000 to 30,000 nominal lumens see lumen tables on page 3)**.
- Remote Control required to change factory sensor settings (see default settings on page 2).
- Long-life LEDs provide 148,000 hours of operation with at least 70% of initial lumen output (L70), and 44,000 hours with at least 90% of initial lumen output (L90)***.
- LED color maintenance < 0.0035 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 80%.

* Default kelvin temperature = 4000k.

** Default power setting = highest lumen output.

***L70 & L90 hours are IES TM-21-11 calculated hours.

MOUNTING

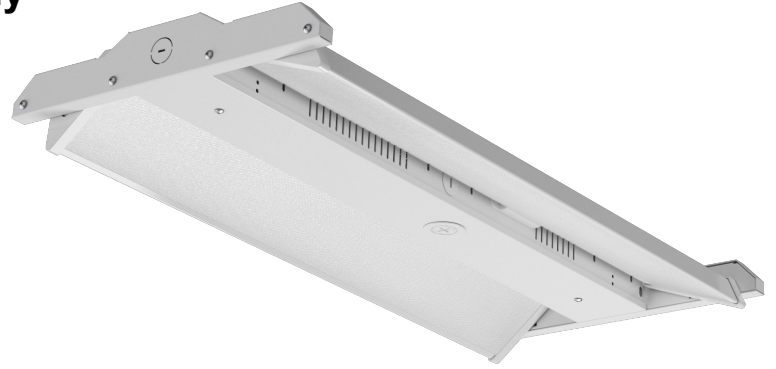
- Chain-mount kit (includes v-hooks, 1-meter long chain) are standard.
- Optional surface mounting kit provides attachment to solid surfaces*.
- Optional pendant mounting kit provides pendent attachment to 1/2" rigid conduit.

* Surface mount kit and Pendant mount kit are not compatible with the UNC StepDown Transformer option, nor the on-board, factory installed EM driver options.

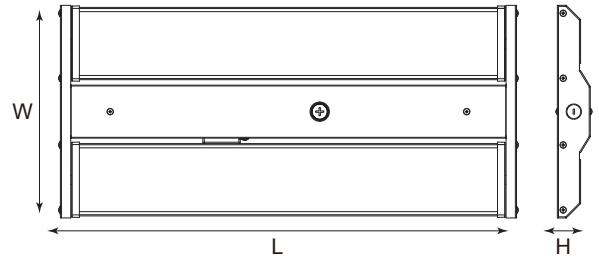
ORDERING INFORMATION

Example: EHBLASR-15129L-4K5K

Model#	Nominal Lumen Output (Selectable)		Kelvin Selectable	Input Voltage	Emergency Driver
EHBLASR	15129L	15,000 / 12,000 / 9,000	4K5K	UNC* 347-480V Blank 120-277V	EM10 10W Emergency Driver EM13 13W Emergency Driver EM25 25W Emergency Driver Blank No Emergency Driver
	241815L	24,000 / 18,000 / 15,000			
	302418L	30,000 / 24,000 / 18,000			



DIMENSIONS



Model #	L (in)	W (in)	H (in)	Weight (lbs)
EHBLASR-15129L-4K5K	25.8	12.1	1.9	7.5
EHBLASR-241815L-4K5K	25.8	12.1	1.9	7.5
EHBLASR-302418L-4K5K	25.8	12.1	1.9	7.5

CODE COMPLIANCE

- cULus listed for damp locations.
- DLC premium listed.
- Complies with FCC part 15, class A.

WARRANTY

- 5 year warranty on all electronics and housing



ACCESSORIES (ORDER SEPARATELY)

Sensor:

- HD07VR-PH-1 = Passive infrared sensor - maximum mounting height = 39FT,
 factory settings: detection area =100%, hold time = 5 sec, stand-by period = 0 sec,
 stand-by dimming level = 10%, daylight threshold = disabled
- HD07VR-MH-B-1 = Microwave step-dimming sensor - maximum mounting height = 49FT,
 factory settings: detection area =100%, hold time = 5 sec, stand-by period = 0 sec, stand-by
 dimming level = 10%, daylight threshold = disabled
- HD05R = Remote control for HD07VR-PH-1 & HD07VR-MH-B-1 (required to change factory settings)

Wire Guard:

- HBLASR-WGK-24x4 = WIRE GUARD FOR ALL HBLASR MODELS

Mounting Option:

- HBLASR-SMK = SURFACE MOUNT KIT FOR ALL HBLASR MODELS*
- HBLASR-PMK = PENDANT MOUNT KIT FOR ALL HBLASR MODELS*

* SMK and PMK not compatible with UNC and EM drivers.

Remote Mount EM Drivers:

- BLEM-CP-10C = 10W EMERGENCY DRIVER WITH CONDUIT - EM10
- BLEM-CP-13C = 13W EMERGENCY DRIVER WITH CONDUIT - EM13

LUMEN TABLES

Model#	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
EHBLASR-15129L-4K5K	Lumens	9,935	9,886	12,681	12,531	15,819	15,495
	Watt	63.9	64.9	83.2	85.0	106.7	109.4
	Efficacy	155	152	152	147	148	142

Model#	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
EHBLASR-241815L-4K5K	Lumens	15,038	15,043	17,959	17,769	23,645	23,141
	Watt	95.21	96.61	115.38	117.13	157.28	160.36
	Efficacy	158	156	156	152	150	144

LUMEN TABLES

Model#	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
EHB LASR-302418L-4K5K	Lumens	19,469	19,158	25,457	24,825	31,090	30,160
	Watt	120.8	122.6	162.5	165.4	205.3	209.8
	Efficacy	161	156	157	150	151	144

ELECTRICAL DATA

Model#	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
EHB LASR-15129L-4K5K	4000k	0.53	0.27	0.23	0.69	0.35	0.30	0.89	0.44	0.39
	5000k	0.54	0.27	0.23	0.71	0.35	0.31	0.91	0.46	0.39

Model#	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
EHB LASR-181512L-4K5K	4000k	0.79	0.40	0.34	0.96	0.48	0.42	1.31	0.66	0.57
	5000k	0.81	0.40	0.35	0.98	0.49	0.42	1.34	0.67	0.58

Model#	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
EHB LASR-302418L-4K5K	4000k	1.01	0.50	0.44	1.35	0.68	0.59	1.71	0.86	0.74
	5000k	1.02	0.51	0.44	1.38	0.69	0.60	1.75	0.87	0.76

PHOTOMETRICS

EHBLASR-15129L-4K5K

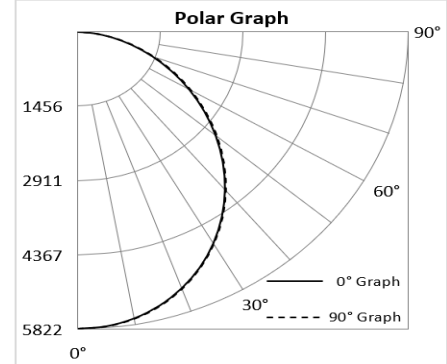
Luminaire Data

Description	Adjustable High Bay Lumen/Kelvin Selectable
Total Lumens	15,495
Input Wattage	109
Efficacy (lm/W)	142
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.24

Photometrics calculated at
5000k - high lumens setting

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	2,114	13.6%
0-30°	4,449	28.7%
0-40°	7,199	46.5%
20-50°	7,851	50.7%
40-70°	6,974	45.0%
0-60°	12,380	79.9%
0-80°	15,208	98.2%
0-90°	15,495	100.0%
90-180°	0	0.0%
0-180°	15,495	100.0%



EHBLASR-241815L-4K5K

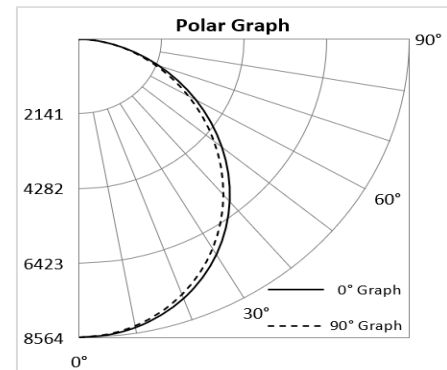
Luminaire Data

Description	Adjustable High Bay Lumen/Kelvin Selectable
Total Lumens	23,141
Input Wattage	160
Efficacy (lm/W)	144
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.22

Photometrics calculated at
5000k - high lumens setting

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	3,112	13.4%
0-30°	6,559	28.3%
0-40°	10,633	45.9%
20-50°	11,637	50.3%
40-70°	10,444	45.1%
0-60°	18,367	79.4%
0-80°	22,662	97.9%
0-90°	23,111	99.9%
90-180°	30	0.1%
0-180°	23,141	100.0%



EHBLASR-302418L-4K5K

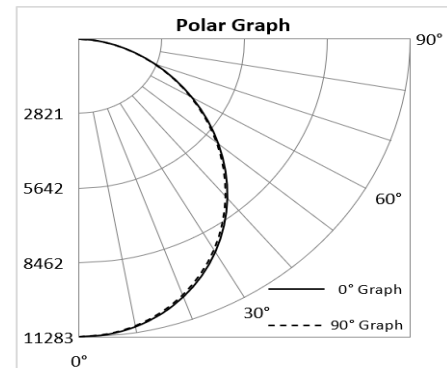
Luminaire Data

Description	Adjustable High Bay Lumen/Kelvin Selectable
Total Lumens	30,160
Input Wattage	210
Efficacy (lm/W)	144
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.22

Photometrics calculated at
5000k - high lumens setting

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	4,097	13.6%
0-30°	8,625	28.6%
0-40°	13,965	46.3%
20-50°	15,249	50.6%
40-70°	13,595	45.1%
0-60°	24,055	79.8%
0-80°	29,583	98.1%
0-90°	30,160	100.0%
90-180°	0	0.0%
0-180°	30,160	100.0%



COMPATIBLE EMERGENCY DRIVERS-INSTALLED

Emergency Driver Part Number	EM10		EM13		EM25	
Model	Watts	EM Lumens	Watts	EM Lumens	Watts	EM Lumens
EHBLASR-15129L-4K5K	10	1420	13	1846	25	3550
EHBLASR-241815L-4K5K	10	1440	13	1872	25	3600
EHBLASR-302418L-4K5K	10	1440	13	1872	25	3600

COMPATIBLE DIMMERS AND CONTROLS

Manufacturer	Model Number	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	10%-100%	600W
Best Lighting	DWS-010V-D	10%-100%	600W
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W

PLUGS AND CORDS

Part number suffix	Description	For use with
6C3	6' cord - 3 conductor (black/white/green)	Standard & UNC
6C4	6' cord - 4 conductor (black/white/green/red)	EM driver
6C5	6' cord - 5 conductor (black/white/green/purple/pink)	Dimming (standard & UNC)
6C6	6' cord - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver
10C3	10' cord - 3 conductor (black/white/green)	Standard & UNC
10C4	10' cord - 4 conductor (black/white/green/red)	EM driver
10C5	10' cord - 5 conductor (black/white/green/purple/pink)	Dimming (standard & UNC)
10C6	10' cord - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver
15C3	15' cord - 3 conductor (black/white/green)	Standard & UNC
15C4	15' cord - 4 conductor (black/white/green/red)	EM driver
15C5	15' cord - 5 conductor (black/white/green/purple/pink)	Dimming (standard & UNC)
15C6	15' cord - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver
6W3	6' whip - 3 conductor (black/white/green)	Standard & UNC
6W4	6' whip - 4 conductor (black/white/green/red)	EM driver
6W5	6' whip - 5 conductor (black/white/green/purple/pink)	Dimming (standard & UNC)
6W6	6' whip - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver

PLUGS AND CORDS

Part number suffix	Description	For use with
6P515	6' cord - 3 conductor (black/white/green) - NEMA 5-15 plug (120V/15A)	Standard luminaire
6P615	6' cord - 3 conductor (black/white/green) - NEMA 6-15 plug (240V/15A)	Standard luminaire
6P715	6' cord - 3 conductor (black/white/green) - NEMA 7-15 plug (277V/15A)	Standard luminaire
6P520	6' cord - 3 conductor (black/white/green) - NEMA 5-20 plug (120V/20A)	Standard luminaire
6P620	6' cord - 3 conductor (black/white/green) - NEMA 6-20 plug (277V/20A)	Standard luminaire
6P515L	6' cord - 3 conductor (black/white/green) - NEMA L5-15 plug (120V/15A locking)	Standard luminaire
6P615L	6' cord - 3 conductor (black/white/green) - NEMA L6-15 plug (240V/15A locking)	Standard luminaire
6P715L	6' cord - 3 conductor (black/white/green) - NEMA L7-15 plug (277V/15A locking)	Standard luminaire
6P520L	6' cord - 3 conductor (black/white/green) - NEMA L5-20 plug (120V/20A locking)	Standard luminaire
6P620L	6' cord - 3 conductor (black/white/green) - NEMA L6-20 plug (240V/20A locking)	Standard luminaire
6P720L	6' cord - 3 conductor (black/white/green) - NEMA L7-20 plug (277V/20A locking)	Standard luminaire
6P2420L	6' cord - 3 conductor (black/white/green) - NEMA L24-20 plug (347V/20A locking)	UNC luminaire
6P820L	6' cord - 3 conductor (black/white/green) - NEMA L8-20 plug (480V/20A locking)	UNC luminaire
10P515	10' cord - 3 conductor (black/white/green) - NEMA 5-15 plug (120V/15A)	Standard luminaire
10P615	10' cord - 3 conductor (black/white/green) - NEMA 6-15 plug (240V/15A)	Standard luminaire
10P715	10' cord - 3 conductor (black/white/green) - NEMA 7-15 plug (277V/15A)	Standard luminaire
10P520	10' cord - 3 conductor (black/white/green) - NEMA 5-20 plug (120V/20A)	Standard luminaire
10P620	10' cord - 3 conductor (black/white/green) - NEMA 6-20 plug (277V/20A)	Standard luminaire
10P515L	10' cord - 3 conductor (black/white/green) - NEMA L5-15 plug (120V/15A locking)	Standard luminaire
10P615L	10' cord - 3 conductor (black/white/green) - NEMA L6-15 plug (240V/15A locking)	Standard luminaire
10P715L	10' cord - 3 conductor (black/white/green) - NEMA L7-15 plug (277V/15A locking)	Standard luminaire
10P520L	10' cord - 3 conductor (black/white/green) - NEMA L5-20 plug (120V/20A locking)	Standard luminaire
10P620L	10' cord - 3 conductor (black/white/green) - NEMA L6-20 plug (240V/20A locking)	Standard luminaire
10P720L	10' cord - 3 conductor (black/white/green) - NEMA L7-20 plug (277V/20A locking)	Standard luminaire
10P2420L	10' cord - 3 conductor (black/white/green) - NEMA L24-20 plug (347V/20A locking)	UNC luminaire
10P820L	10' cord - 3 conductor (black/white/green) - NEMA L8-20 plug (480V/20A locking)	UNC luminaire
15P515	15' cord - 3 conductor (black/white/green) - NEMA 5-15 plug (120V/15A)	Standard luminaire
15P615	15' cord - 3 conductor (black/white/green) - NEMA 6-15 plug (240V/15A)	Standard luminaire
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15P615L	15' cord - 3 conductor (black/white/green) - NEMA L6-15 plug (240V/15A locking)	Standard luminaire
15P715L	15' cord - 3 conductor (black/white/green) - NEMA L7-15 plug (277V/15A locking)	Standard luminaire
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