

HBLA ADJUSTABLE HIGH BAY LINEAR SENSOR READY

STANDARDS



HOUSING

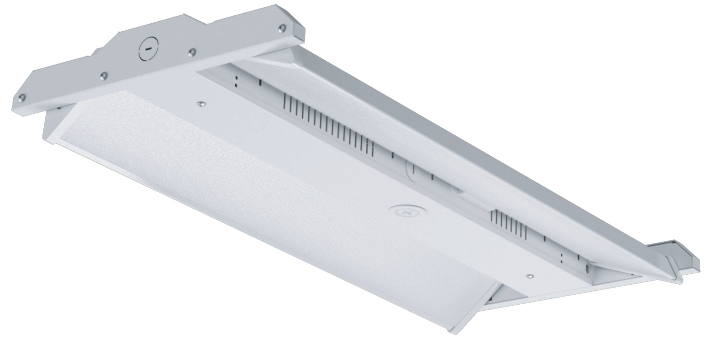
- Premium powder-coat, die cast aluminum, white housing.

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%.



MOUNTING

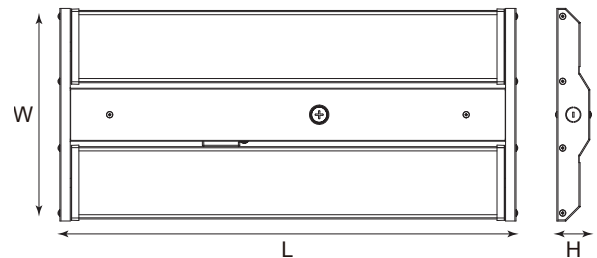
Chain-mount kit (includes v-hooks, 1-meter long chain) are standard. Optional surface mounting kit provides attachment to solid surfaces. Optional pendant mounting kit provides pendant attachment to 1/2" rigid conduit.

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.



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

ORDERING INFORMATION Example: HBLA-15129L-4K5K

SERIES	OUTPUT (SELECTABLE)	CCT	INPUT VOLTAGE	EMERGENCY DRIVER	OPTIONS
HBLA	15129L 15,000 / 12,000 / 9,000 241815L 24,000 / 18,000 / 15,000 302418L 30,000 / 24,000 / 18,000	4K5K	UNC* 347-480V Blank 120-277V	Blank No emergency driver EM10 10W emergency driver EM13 13W emergency driver EM25 25W emergency driver	HD07VR-PH-1 Passive infrared sensor HD07VR-MH-B-1 Microwave step-dimming sensor HD05R Remote control HBLASR-WGK-24x4 Wire Guard HBLASR-SMK Surface Mount HBLASR-PMK Pendant Mount

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

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
HBLASR-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

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
HBLASR-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

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000k	5000k	4000k	5000k	4000k	5000k
HBLASR-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

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
HBLASR-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

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
HBLASR-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

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
HBLASR-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