

### Applications Include

Warehouses, gymnasiums, manufacturing facilities, and high end retail.

## Specification Features

### Construction

HBL Series luminaires feature a die-cast magnesium alloy main housing with an extruded aluminum driver housing. This lightweight yet durable construction separates the driver from the LED array to provide superior thermal management. A removable die-cast aluminum cap provides easy access to wiring. The HBL Series is suitable for -30°C to 45°C ambient conditions.

### Mounting

A 3/4" hub on top of the cap allows for pendant mount applications. A mounting hook is available as an accessory for other types of mounting applications. The cap is easily removed by loosening three Phillips head screws and is hinged to allow easy access to the terminal block.

### Optics

A combination of an aluminum reflector and acrylic lens produces a smooth and even distribution in a wide beam pattern from the eight LED COB packages.

### Electrical

A constant current driver accepts 90 to 305V input at 50/60hz. The driver operates at greater than 0.9 Power Factor and lower than 20% Total Harmonic Distortion and has 0-10VDC dimming capability.

### Finish

EYE Lighting utilizes a multi-stage cleaning, pretreatment and chemical conversion coating process. A durable polyester powdercoat is then electrostatically applied. This process ensures protection from impact, UV and salt spray damage.

### Warranty

5 Year Limited LED Luminaire Warranty to the original purchaser that the luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LEDs when installed and operated according to manufacturer's instructions. See EYE Lighting's full Warranty and Terms & Conditions of Sale at [www.eyelighting.com](http://www.eyelighting.com).

### Listings and Ratings

ETL Listed in the U.S.A. and Canada to U.L. 1598 dry location standards. Tested to IESNA LM-79-08 test standards at 25°C ambient. IES files are available at [www.eyelighting.com](http://www.eyelighting.com).



\* Consult factory for recognized products  
\*\* Check the latest update at [www.DesignLights.org](http://www.DesignLights.org) for listed product catalog numbers. Not all versions are listed.

## Order Guide

SAMPLE NUMBER : HBL-20L-408-W-UNV-WH

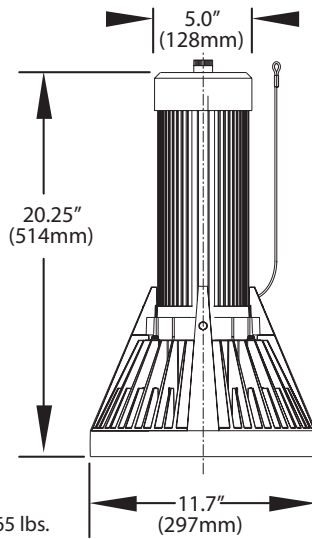
FAMILY	WATTAGE / SOURCE	CCT	CRI	DISTRIBUTION	VOLTAGE	FINISH	CORD OPTION <sup>1</sup>	PLUG OPTION <sup>2</sup>
HBL	20L	40	8	W	UNV	WH		
HBL	20L = 215W LED	40 = 4000K	8 = 80 CRI	W = Wide	UNV = 120-277V	WH = White	03 = 3' Cord 06 = 6' Cord 10 = 10' Cord	L515 = NEMA L5-15P 125V Plug L615 = NEMA L6-15P 250V Plug L715 = NEMA L7-15P 277V Plug CP = Custom Plug <sup>3</sup>

<sup>1</sup> Custom cord lengths available in 1' increments. Please consult factory for details.

<sup>2</sup> Other plug types available, please consult factory for details.

<sup>3</sup> Non-NEMA plug type. Please consult factory for details.

## Dimensions

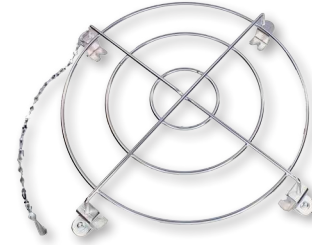


**Weight** 15.65 lbs.

## Accessories (Ordered Separately, field installed)

### HBL-WG

Heavy duty 8 gauge plated steel wire guard.  
Mounting hardware included.



### PWRHK-34

¾" hook with power cord pass-through



## Performance Data

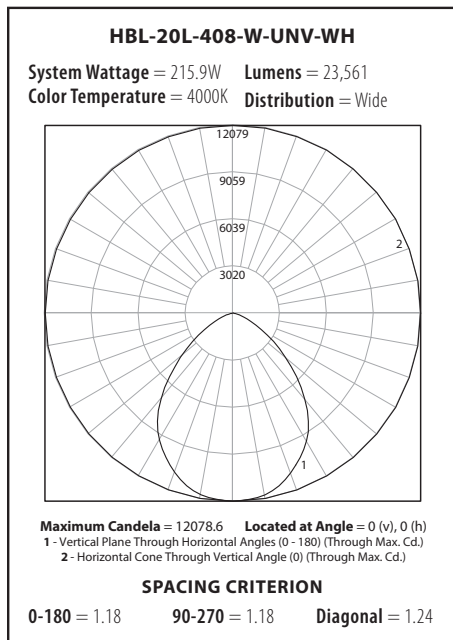
### Wattage Summary

Model	LED Qty.	Drive Current	Luminaire Wattage	Average Lumens	CCT	CRI	Lumen Maintenance (L70 At 25°C) (L70 At 45°C)	
20L	8	750 mA	215	24,000	4000K	80	101,000 hrs.	90,000 hrs.

### Ambient Data

Ambient Temperature	Lumen Multiplier
15°C	1.02
25°C	1.00
40°C	0.98

## Photometric Data



### COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD (HBL-20L-408-W-UNV-WH.IES)

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	117	117	117	117	111	111	111	107	107	107	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	103	96	91	86	101	94	89	85	91	87	83	88	84	81	85	82	79	77
3	95	86	79	74	93	85	78	73	82	77	72	79	75	71	77	73	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	62	70	65	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	55	64	59	55	53
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47
7	71	59	51	45	69	58	51	45	57	50	45	55	49	45	54	49	44	43
8	67	54	46	41	65	54	46	41	52	46	41	51	45	41	50	44	40	39
9	62	50	43	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35
10	59	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	32

## EYE Lighting International of North America, Inc.

a division of Iwasaki Electric of Japan

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