

HBR32L-5K

Round High Bay



Project:	
Type:	
Catalog #:	

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.
- Standard with 9' incoming AC power cord terminated by L5-15 or L7-15 twist lock plug.
- Watertight, compression-type electrical connectors.
- Input transient surge protection =6kV.
- PF > 0.9.
- THD < 20%.

OPTICAL SYSTEM

- Polycarbonate lens.
- 5000k (cool white) color temperature.
- 30,000 nominal lumens.
- Long-life LEDs provide 167,000 hours of operation with at least 70% of initial lumen output (L70)*, and 51,000 hours with at least 90% of initial lumen output (L90)*.
- Beam angle 120°.
- LED color maintenance < 0.0027 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 80.

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



MOUNTING

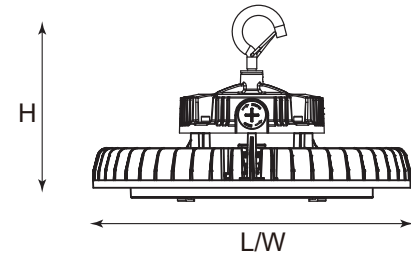
- Suspension from mounting hook.

CODE COMPLIANCE

- cULus listed for wet locations.
- Complies with FCC part 15, class B.
- IP65 rated for ingress protection.
- IK07 rated for impact protection.

WARRANTY

- 5 year warranty on all electronics and housing.



Model #	L (in)	W (in)	H (in)	Weight (lbs)
HBR32L-5K-M-9P515L(9P715L)	12.6	12.6	6.75	5.53

ORDERING INFORMATION

Example: HBR-32L-5K-M-9P515L

Series	Nominal Lumen Output	Kelvin	Plug option
HBR	32L 30,000 lm	5K-M 5000K	9P515L 9' Cord with 120V 15A Twist Lock Plug
			9P715L 9' Cord with 277V 15A Twist Lock Plug

LUMEN TABLES

Model	Measurements	Lumens
		5000K
HBR32L-5K-9P515L (9P715L)	Lumens	30,051
	Watt	209.89
	Efficacy	143.17

ELECTRICAL DATA

Model	CCT	Input Amps (A)	
		120V	277V
HBR32L-5K-9P515L (9P715L)	5000K	1.75	0.76

PHOTOMETRICS

HBR32L-5K-9P515L (9P715L)

Luminaire Data

Description	Round High Bay 32,000lm, 5000k
Total Lumens	30,051
Input Wattage	210
Efficacy (lm/W)	143
Spacing Criterion (0-180°)	1.22
Spacing Criterion (90-270°)	1.22

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	4,294	14.3%
0-30°	9,020	30.0%
0-40°	14,567	48.5%
20-50°	15,802	52.6%
40-70°	13,500	44.9%
0-60°	24,785	82.5%
0-80°	29,713	98.9%
0-90°	30,051	100.0%
90-180°	0	0.0%
0-180°	30,051	100.0%

