

PROJECT
TYPE
CATALOG #

# 20-HBR32L-5K-M

## ROUND HIGH BAY

### 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.
- Power factor > 0.90.
- Total Harmonic distortion < 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.

### MOUNTING

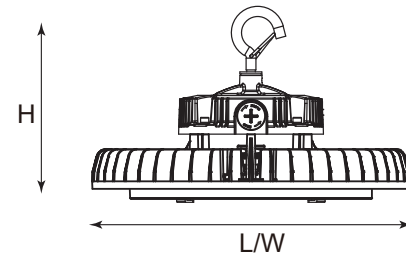
- Suspension from mounting hook.

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



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

## PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT	KELVIN	PLUG OPTION
20-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

PROJECT
TYPE
CATALOG #

# 20-HBR32L-5K-M

ROUND HIGH BAY

COMPATIBLE DIMMERS & 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

## ELECTRICAL DATA

Series	Measurements	Lumens
		5000K
20-HBR32L-5K-M-9P515L (9P715L)	Lumens	30,051
	Watt	209.89
	Efficacy	143.17
	Input Current (A)	120V = 1.75
		277V = 0.76

## PHOTOMETRIC DATA

### 20-HBR32L-5K-M-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%

