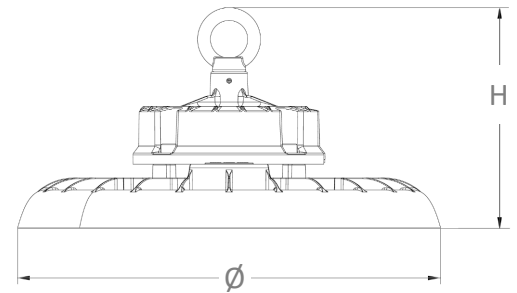




PROJECT	TYPE	CATALOG #



Model	L (in)	W (in)	H (in)	lbs.
07-HBR-21L	11	11	5.7	5

Sample Part: 07-HBR-21L=LKFS

MODEL	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)	ACCESSORIES (ORDER SEPARATELY)	REFLECTORS (ORDER SEPARATELY)
07-HBR	21L = 21,000 / 18,000 / 16,000	LKFS = 4K/5K	HB01DMS* = Microwave occupancy sensor (DC voltage) HB03R = Sensor remote control HBRE-YOKE-S = Yoke mount LEDHBRSN-PSH-PRM-V2 = Pendant snap hook	HBR-ALREFL90-S = 90° aluminum reflector-21L HBR-PCREFL90-S = 90° polycarbonate reflector-21L

## Specifications

### Housing

- Die cast aluminum housing, painted white.
- Polycarbonate lens.
- Sensor ready. Sensor and remote control sold separately. Remote control required to change factory sensor settings.

### Electrical

- Universal 120-277 AC voltage (50-60Hz) and 6-foot incoming AC power cords are standard.
- 0-10vdc dimming drivers are standard.
- Watertight, compression-type electrical connectors.
- Power factor > 0.90.
- Total harmonic distortion < 20%.

### Code Compliance

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F).
- Input transient surge protection (6kV).
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.

### Optical System

- Field selectable 4000k (neutral white) and 5000k (cool white) color temperatures.
- Long-life LEDs provide 149,000 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 < 0.002 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 of operation.
- Provides a range of 16,000 to 35,000 nominal lumens.
- Color rendering index (Ra) > 80.

### Mounting

- Mounting options include suspension from eyebolt (standard), yoke mounting, snap hook, and attachment to electrical conduit.
- Easy installation in new construction or retrofit.
- Ceiling-mounted installation (using optional yoke mounting bracket, provides up to 180° of adjustability).
- Two ways to mount luminaire to electrical conduit:
- Attach conduit (½" NPS) to optional yoke mounting bracket.
- Optional pendant snap hook.

### Warranty

- 5 year warranty on all electronics and housing.

\*Remote control Required for programming (sold separately).

\*Default sensor settings: detection area = 100%, hold time = 1 minute, stand-by period = 1 minute, stand-by dimming level = 20%, daylight threshold = disabled

\*\*Maximum mounting height = 49 feet.

\*\*L<sub>70</sub> hours are IES TM 21-11 calculated hours.



## Electrical Data

Series	Measurements	Low Lumens		Mid Lumens		High Lumens	
		4000K	5000K	4000K	5000K	4000K	5000K
07-HBR-21L-LKFS	Lumens	15,927	15,715	18,112	17,591	21,878	21,112
	Watts	101	103	117	120	148	154
	Efficacy	158	153	155	147	148	137
	Input Current (A)	120V = 0.84A	120V = 0.86A	120V = 0.98A	120V = 1.00A	120V = 1.23A	120V = 1.28A
		240V = 0.42A	240V = 0.43A	240V = 0.49A	240V = 0.50A	240V = 0.62A	240V = 0.64A
		277V = 0.36A	277V = 0.37A	277V = 0.42A	277V = 0.43A	277V = 0.53A	277V = 0.56A

## Compatible Dimmers and Controls

Manufacturer	Model Number	Dimming 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



## Photometric Data

### 07-HBR-21L-LKFS

#### Luminaire Data

Description	Round High Bay 21L - LKFS
Total Lumens	21,119
Input Wattage	154
Efficacy (lm/W)	137
Spacing Criterion (0-180°)	1.36
Spacing Criterion (90-270°)	1.36

#### Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	3,780	17.9%
0-30°	8,203	38.8%
0-40°	13,459	63.7%
20-50°	13,827	65.5%
40-70°	7,207	34.1%
0-60°	19,705	93.3%
0-80°	21,046	99.7%
0-90°	21,119	100.0%
90-180°	0	0.0%
0-180°	21,119	100.0%

