

PHBRSR

High Bay Round Sensor Ready
 Lumen & Kelvin Selectable

HOUSING

- Die cast aluminum housing (painted white or black) & polycarbonate lens.

ELECTRICAL

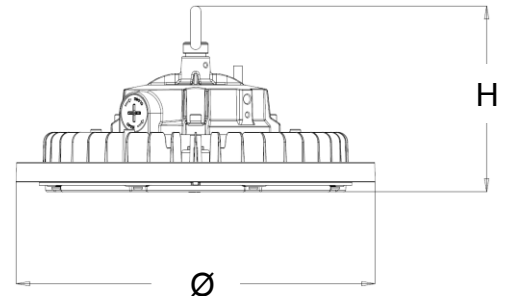
- Operating temperature (ambient): -40°C to 50°C (-40°F to 122°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 347-480V achieved with step-down transformer (sold separately).
- 0-10VDC dimming drivers are standard.
- Incoming AC power cord = 6'. Incoming dimming cord = 6'.
- Watertight, compression-type electrical connectors.
- Input transient surge protection = 6kV.
- Power factor = > 0.90.
- Total harmonic distortion = < 20%.

OPTICAL SYSTEM

- Field selectable 4000k (neutral white) and 5000k (cool white) color temperatures.
- Tri-lumen selectable delivers 16,000 to 35,000 nominal lumens (see lumen tables on page 3).
- Screw in sensor ready. Sensor and remote control sold separately. Remote control required to change factory sensor settings (see default settings on page 2).
- Long-life LEDs provide 146,000 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 < 0.003 chromaticity shift (Δu'v') over the initial 6,000 hours of operation.
- Color rendering index > 80.

MOUNTING

- Suspension from eyebolt (included) is standard.
- Ceiling-mounted installation using optional yoke mounting bracket, provides up to 180° of adjustability.
- Two ways to mount luminaire to electrical conduit:
 - Attach conduit (1/2" NPS) to optional yoke mounting bracket
 - Optional pendant snap hook (for use with 3/4" NPS)..



Model	Size (inches) & Weight (lbs)		
	Ø	H	Weight
PHBRSR-221816L-4K5K	10.6	5.5	3.7
PHBRSR-353024L-4K5K	13	5.6	6

CODE COMPLIANCE

- cULus listed for wet locations.
- DLC 5.1 premium listed.
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.
- Lenses are rated IK09.

WARRANTY

- 5-year warranty on all electronics and housing.

STANDARD



ORDERING INFORMATION

Example: PHBRSR-221816L-4K5K-WHT

Series	Nominal Lumen Output (Selectable)		Kelvin Selectable	Housing Color	
PHBRSR	221816L	22,000/18,000/16,000	4K5K	BLK	Black
	353024L	35,000/30,000/24,000		WHT	White

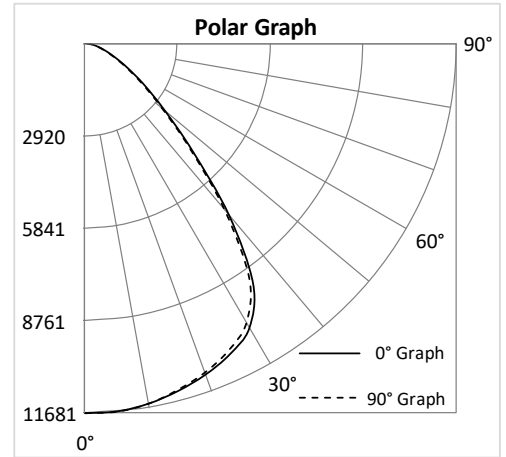
PHOTOMETRICS

PHBRSR221816L-4K5K

Luminaire Data	
Description	Round High Bay Lumen/Kelvin Selectable
Total Lumens	21,803
Input Wattage	150
Efficacy (lm/W)	145
Spacing Criterion (0-180°)	1.3
Spacing Criterion (90-270°)	1.28

Photometrics calculated at 5000k - high lumens setting

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20°	4,293	19.7%
0-30°	9,222	42.3%
0-40°	14,678	67.3%
20-50°	14,029	64.3%
40-70°	6,597	30.3%
0-60°	20,287	93.0%
0-80°	21,704	99.5%
0-90°	21,803	100.0%
90-180°	0	0.0%
0-180°	21,803	100.0%



PHBRSR353024L-4K5K

Luminaire Data	
Description	Round High Bay Lumen/Kelvin Selectable
Total Lumens	34,628
Input Wattage	236
Efficacy (lm/W)	147
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.2

Photometrics calculated at 5000k - high lumens setting

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20°	7,096	20.5%
0-30°	14,949	43.2%
0-40°	22,917	66.2%
20-50°	21,399	61.8%
40-70°	10,642	30.7%
0-60°	31,779	91.8%
0-80°	34,413	99.4%
0-90°	34,628	100.0%
90-180°	0	0.0%
0-180°	34,628	100.0%

