

# HIGH TEMPERATURE HIGH BAY

PERFORMANCE IN EXTREME ENVIRONMENTS



120-277V or  
347-480V

VOLTAGE



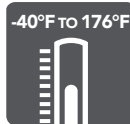
0-10V DIM

10V DIM



150  
LPW

EFFICACY



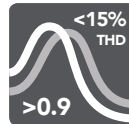
-40°F TO 176°F

OPERATING TEMP



IP67  
RATED

INGRESS  
PROTECTION



<15%  
THD

PWR FACTOR/THD



70+

CRI



110°  
60° OPTIONAL

BEAM ANGLE



L70  
>50,000

RATED LIFE



5  
YEAR  
WARRANTY

WARRANTY

## go to high bay extremes



- 176°F ambient rating, suitable for foundries, steel mills, smelters and other demanding applications.
- IP67 rated for high resistance to dust and liquids.
- Super high efficacy LEDs and driver >22,000 lumens @150 LPW.
- Hanger ring, pendant or junction box mounting options.

high quality  
tempered glass  
& aluminum

| PART #             | UPC          | REPLACES | WATTAGE | LUMENS | LPW | CCT (K) | DLC PRODUCT CODE |
|--------------------|--------------|----------|---------|--------|-----|---------|------------------|
| RP-HTHB-21L-50K    | 844006011246 | 400W HID | 150W    | 22500  | 150 | 5000K   | PLTK1DTN6KWH     |
| RP-HTHB-21L-50K-HV | 844006011253 | 400W HID | 150W    | 22500  | 150 | 5000K   | PLEOJAT3ZZ5      |



LIGHT EFFICIENT DESIGN HEADQUARTERS 188 S. Northwest Highway • Cary, IL 60013  
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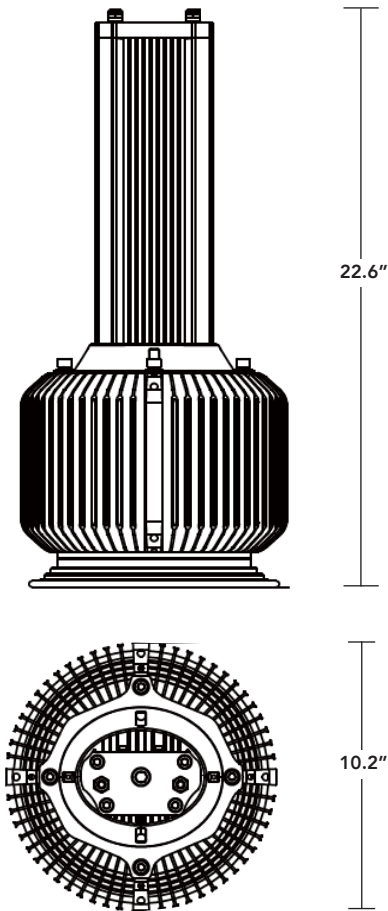
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## ACCESSORIES

| MODEL #                 | DESCRIPTION                             |
|-------------------------|-----------------------------------------|
| RP-HTHB-REFLECTOR-60DEG | 60° Reflector for High Temp High Bay    |
| RP-HTHB-JBOX            | Junction Box for High Temp High Bay     |
| RP-HTHB-JBOXBRACKET     | JBox Bracket for High Temp High Bay     |
| RP-HTHB-TRUNBRACKET     | Trunnion Bracket for High Temp High Bay |

## GENERAL SPECIFICATIONS



### ELECTRICAL

| SPECIFICATION   | RP-HTHB-21L-50K | RP-HTHB-21L-50K-HV |
|-----------------|-----------------|--------------------|
| Rated power     | 150W            | 150W               |
| Input Voltage   | 120-277V        | 347-480V           |
| Input Frequency | 50/60 Hz        | 50/60 Hz           |
| Power Factor    | >0.95           | >0.95              |
| Dimmable        | 0/1~10V         | 0/1~10V            |

### OPTICAL

| SPECIFICATION   | RP-HTHB-21L-50K        | RP-HTHB-21L-50K-HV     |
|-----------------|------------------------|------------------------|
| Lumen Output    | 22500 Lm               | 22500 Lm               |
| Lumens per Watt | 150 Lm/W               | 150 Lm/W               |
| Beam Angle      | 110° STD, 60° Optional | 110° STD, 60° Optional |
| CCT             | 5000K                  | 5000K                  |
| CRI             | >70                    | >70                    |

### ENVIRONMENTAL

| SPECIFICATION                 | RP-HTHB-21L-50K | RP-HTHB-21L-50K-HV |
|-------------------------------|-----------------|--------------------|
| Ambient Operating Temperature | -40°F to +176°F | -40°F to +176°F    |
| Ambient Operating Humidity    | 10% ~ 90% RH    | 10% ~ 90% RH       |

### MECHANICAL

| SPECIFICATION    | RP-HTHB-21L-50K                   | RP-HTHB-21L-50K-HV                |
|------------------|-----------------------------------|-----------------------------------|
| Housing Material | Aluminum                          | Aluminum                          |
| Lens Material    | Tempered Glass                    | Tempered Glass                    |
| Mounting Options | Hanging Hook/Pendant/Junction Box | Hanging Hook/Pendant/Junction Box |

### COMPLIANCE

| SPECIFICATION             | RP-HTHB-21L-50K | RP-HTHB-21L-50K-HV |
|---------------------------|-----------------|--------------------|
| UL1598 for USA and Canada | ✓               | ✓                  |
| CE / ROHS                 | ✓               | ✓                  |
| DLC 4.2 / FCC             | ✓               | ✓                  |
| IP67                      | ✓               | ✓                  |

### PRODUCT WEIGHT

| SPECIFICATION | RP-HTHB-21L-50K | RP-HTHB-HV-XXL-50K |
|---------------|-----------------|--------------------|
| Net Weight    | 11.0kg/22.3lbs. | 11.0kg/22.3lbs.    |
| Gross Weight  | 12.2kg/26.9lbs. | 12.2kg/26.9lbs.    |



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MOUNTING OPTIONS



HK02 HOOK



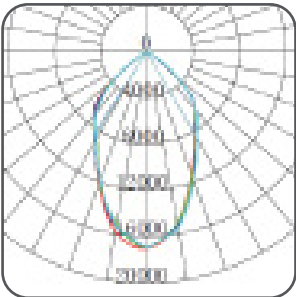
PENDANT



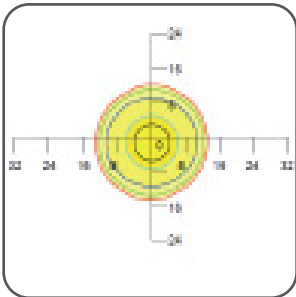
JUNCTION BOX NPT 3/4"

PHOTOMETRICS

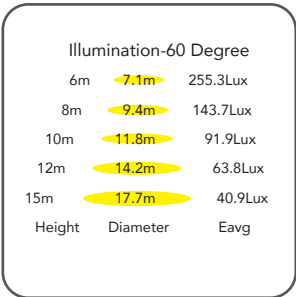
60 Degree



C0/180,61.1°
C60/240,62.7°
C30/210,61.6°
C90/270,62.2°

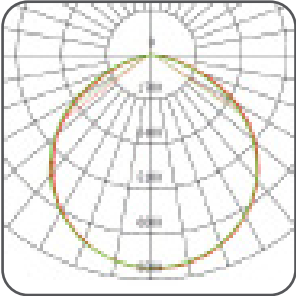


MOUNTING HEIGHT 33' (10M), 0 TILT

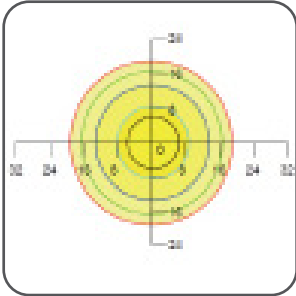


FLUX OUT: 10424 LM

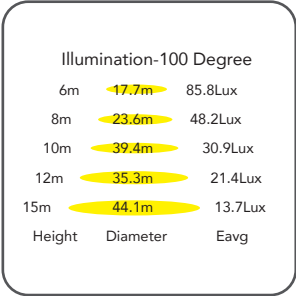
110 Degree



V 0.0DEG PLAN, 111.8
H 0.0DEG PLAN, 112.2



MOUNTING HEIGHT 33' (10M), 0 TILT



FLUX OUT: 21319 LM



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