PROTEMP-100

RAB

Project:	Type:	Prepared By:	Date:

UPC: 192552043571

Features and Benefits

Fixture has a custom wiring terminal allowing you to add your cords to fit your specific needs, when wiring you can use the provided strain relief connectors or the 1/2" threaded hubs.

Adjustable output with 3 brightness settings: 100%, 50%, OFF

Robust, UV-resistant polycarbonate housing with metal wire guard & foldable mounting hook

Linkable up to 280 ft. (up to 28 units) dependent on wire gauge used

120-277V with 360° light output

Technical Specifications

Performance

Product Type:
Temp Light

Description:
Economical, temporary construction lighting; plenty of output without breaking the budget.

Wattage Equivalency:
320W Metal Halide

Input Wattage:
3 Brightness Settings: 100% (100W), 50% (50W), OFF

Lumens:
12,000 / 6,000lm

Efficacy:
120lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current

THD:
≤20%

Power Factor:
≥0.9

Dimmable:
No

Input Voltage:
120-277V

Operating Frequency:
50/60Hz

Input Current @ 120V (mA):
841mA

Input Current @ 208V (mA):
497mA

Input Current @ 240V (mA):
437mA

Input Current @ 277V (mA):
389mA

Operating Temperature:
-40°F to 113°F (-40°C to 45°C)

Flicker:
≤30%

Surge Protection:
6 kV

LED Characteristics

Beam Angle:
360°

Color Temperature:
5000K

Color Accuracy (CRI):
>80 CRI

R9 Value:
High color performance with R9 greater than 0

Color Consistency:
<7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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Technical Specifications (continued)

Color Stability:
LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Installation

Installation Method:
Customized wiring terminals and 1/2" threaded hubs that can accept many wiring gauges

Mounting:
Hand-held or foldable mounting hook_

Base Type:
Industrial grade, high-impact design ANSI 2-prong plug and receptacle with weatherproof cover

Linkable:
@120V
8 units with 18/2 18/3 AWG;
10 units with 16/2 16/3 AWG;
12 units with 14/2 14/3 AWG;
14 units with 12/2 12/3 AWG

@277V
16 units with 18/2 18/3 AWG;
20 units with 16/2 16/3 AWG;
24 units with 14/2 14/3 AWG;
28 units with 12/2 12/3 AWG

Construction

Shape:
Cylinder

Finish:
Orange

Enclosure Material:
Robust, UV-resistant polycarbonate housing with metal wire guard

Compliance

ETL Listed:
This product has been tested by Intertek and found in compliance with accepted national standards.

Environment:
Suitable for use indoors in dry and damp environments.

Air Tight:
No

Energy Star Approved:
No

DLC Listed:
No

Certification Model Number:
PROTEMP-100

California Title 20 Compliant:
No

California Title 24 JA8 Compliant:
No

California Energy Commission (CEC) Status:
Lawful for Sales in California

RoHS:
Mercury and UV free. RoHS-compliant components.

FCC:
Complies with Part 15 of the FCC Rules

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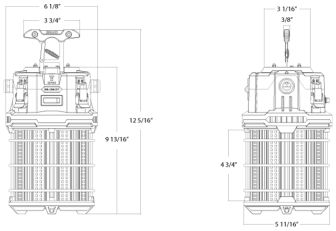
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	15.95	15.95	13.19
PALLET	72	49.21	33.46	47.24

Dimension



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