PROTEMP Work Light

RAB®

150W   100W

Prefab temp light with custom wiring terminal

| 80 CRI | 50,000 HOURS | DAMP RATED | RoHS | FC | 120-277V |

KEY FEATURES

- Fixture has a custom wiring terminal allowing you to add your cords to fit your specific needs when wiring
- 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

PERFORMANCE

Catalog Number	Wattage Equivalancy	Input Wattage	Lumens	Efficacy
PROTEMP-100	320W MH	100/50W	12000 / 6000 lm	120 lm/W
PROTEMP-150	400W MH	150/75W	18000 / 9000 lm	120 lm/W

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Prefab Temporary Light

Wiring
Accepts 12 gauge through 16 gauge wiring. Accepts most sizes of Romex and MC Cable when paried with correct fittings.

Shape
Lantern design

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

Finish
Orange

Lens Finish
Clear

ELECTRICAL

Power Factor
>0.9

Input Voltage
120-277V

Driver
Constant Current

Operating Frequency
50/60 Hz

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

Flicker
<30%

THD
≤20%

Surge Protection
6 kV

PROTEMP Work Light

TECHNICAL SPECIFICATIONS

INSTALLATION

Mounting
Hand-held or foldable mounting hook

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

Linkable

Wattage	Maximum Linkable Quantities (120V)			
	18/2 18/3AWG	16/2 16/3AWG	14/2 14/3AWG	12/2 12/3AWG
100W	8PCS	10PCS	12PCS	14PCS
150W	6PCS	7PCS	8PCS	10PCS

Wattage	Maximum Linkable Quantities (277V)			
	18/2 18/3AWG	16/2 16/3AWG	14/2 14/3AWG	12/2 12/3AWG
100W	16PCS	20PCS	24PCS	28PCS
150W	12PCS	14PCS	16PCS	20PCS

Wattage	Maximum Linkable Length (120V)			
	18/2 18/3AWG	16/2 16/3AWG	14/2 14/3AWG	12/2 12/3AWG
100W	24M/80FT	30M/100FT	36M/120FT	42M/140FT
150W	18M/60FT	21M/70FT	24M/80FT	30M/100FT

Wattage	Maximum Linkable Length (277V)			
	18/2 18/3AWG	16/2 16/3AWG	14/2 14/3AWG	12/2 12/3AWG
100W	48M/160FT	60M/2000FT	72M/240FT	84M/280FT
150W	36M/120FT	42M/140FT	48M/160FT	60M/200FT

LED CHARACTERISTICS

Beam Angle
360º

Color Temperature
5000K

Color Accuracy (CRI)
>80

R9 Value
High color performance with R9 greater than or equal to 50

Color Consistency
4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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.

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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.

California Energy Commission (CEC) Status
Lawful for Sale in California

RoHS
Mercury and UV free. RoHS-compliant components.

FCC
Complies with Part 15 of the FCC Rules.

OSHA
Meets OSHA Standard 1915.82(b)(1)(2)(3); 10-Foot candles minimum.

NEC
Meets the 2023 National Electrical Code: Article 410.62 B(C) and 410.64 Article C.
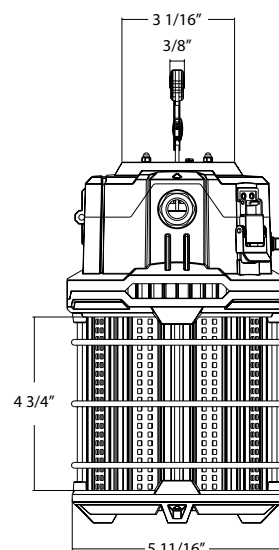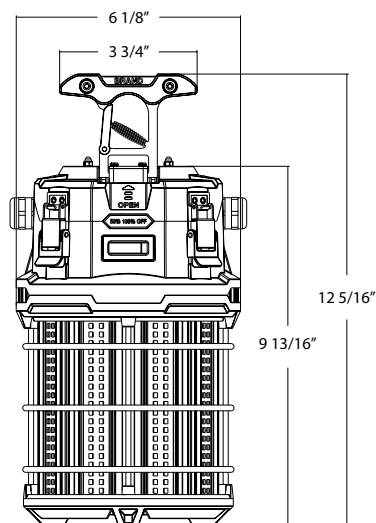
OTHER

Warranty
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty
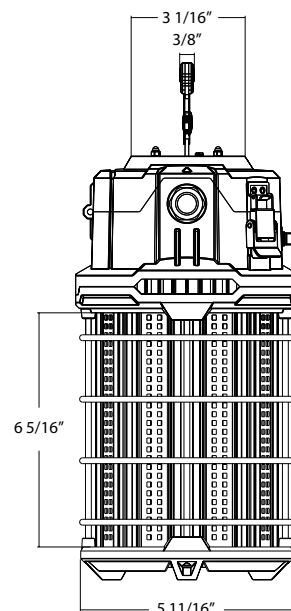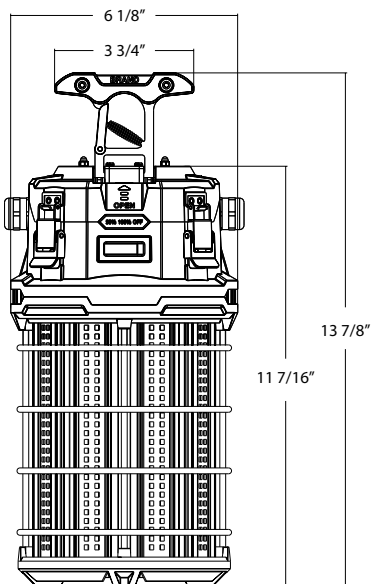
DIMENSIONS

PROTEMP-100
Weight: 4.87 lbs

6 1/8″
3 3/4″
12 5/16″
9 13/16″
3 1/16″
3/8″
4 3/4″
5 11/16″

PROTEMP-150
Weight: 5.31 lbs

6 1/8″
3 3/4″
13 7/8″
11 7/16″
3 1/16″
3/8″
6 5/16″
5 11/16″

PROTEMP Work Light

ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
PROTEMP-100	**PROTEMP-100**	192552043571	4
PROTEMP-150	**PROTEMP-150**	192552043588	4

ORDERING MATRIX

Family	Wattage		CRI/Color Temp		Driver		Finish
PROTEMP	-		-		-		
	100	100/50W	Blank	80CRI, 5000K	Blank	120-277V	Blank Orange
	150	150/75W					