

# TIGER™ TEMPORARY LED LUMINAIRE

Engineered Products Company's (EPCO) TIGER Temporary LED Luminaire is a low cost, energy efficient lighting solution that is highly functional for use in high and low bay lighting applications and a recommended alternative to metal halide light fixtures.

This Luminaire provides a productive work environment during building construction or major renovation and consumes less than half the total energy costs compared to metal halide lamps.

## BENEFITS

- No assembly required! Ready to use out of the box.
- Compact size; impact and shock resistant. Can be used in any "sized" space to complete work.
- Provides optimal lumen output with no degradation compared to Metal Halide (HID) temporary luminaires.
- No ongoing lamp maintenance expenses.
- Significant energy savings for 24 hours a day usage compared to other temporary lighting methods.
- Rated life is 50,000 hours, minimum.
- Meets the requirements of the 2017 National Electrical Code: Articles 410.62(C)(1) and (2), 410.104(A), 410.130(F)(5) and 590.4(F).
- 5-Year Warranty. For warranty information visit [www.engproducts.com](http://www.engproducts.com).

## FEATURES

- Omni directional lumen output; directs 100% of the light outward and downward.
- Highest lumen output to weight ratio on the market.
- Ergonomic comfort handle facilitates transportation on the job site.
- "Snap-Lock" Hang Hook expedites installation to rebar, steel pipe or copper tubing.
- Integral security Lock-Hold™ in the comfort handle accommodates a 5/16" shackle; provides theft protection for your LED luminaire.
- NEMA 5-15 Receptacle allows luminaires to be daisy-chained together.
- Cord Length/Type: 6-Foot (1828mm); 18 AWG SJT with NEMA 5-15 Plug.
- Heavy-duty welded Lamp Guard — White powder-coat finish.
- Includes Remote Control Fob that cycles luminaire *On* and *Off* within a minimum 10-foot range.

## Meets OSHA Compliance Standard 1915.82(b) for Temporary Lighting

**Example:** A 100-foot x 100-foot x 30-foot space with 80/50/20% reflectance values, the required spacing to meet OSHA lighting requirements:

- TIGER 150-Watt Temporary LED Luminaires OSHA compliance: 35-feet minimum spacing for 5-foot-candles compliance
- TIGER 100-Watt Temporary LED Luminaires OSHA compliance: 30-feet minimum spacing for 5-foot-candles compliance
- TIGER 60-Watt Temporary LED Luminaires OSHA compliance: 25-feet minimum spacing for 5-foot-candles compliance

## TYPICAL APPLICATIONS

- New building construction or renovation.
- Permanent lighting in large mechanical rooms.
- Maintenance/storage spaces in commercial or institutional facilities.
- Additional lighting in service trucks (60-Watt only).



TIGER 150-WATT LED



TIGER 100-WATT LED



TIGER 60-WATT LED



[www.engproducts.com](http://www.engproducts.com)

5401 SMETANA DRIVE | MINNETONKA, MN 55343

P 800.336.1976 | F 800.336.2801

Specifications subject to change without prior notice.



**ENGINEERED  
PRODUCTS CO.**

# TIGER TEMPORARY LED LUMINAIRE

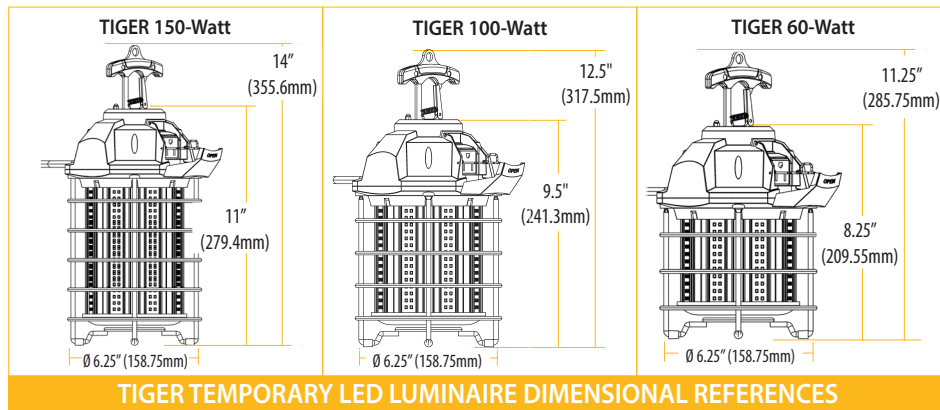
TIGER TEMPORARY LED LUMINAIRE SPECIFICATIONS			
	TIGER 150-Watt	TIGER 100-Watt	TIGER 60-Watt
Output Lumens	15,000	10,500	6,000
Operating Voltage*	120-277 VAC @ 60/50 Hz	120-277 VAC @ 60/50 Hz	120-277 VAC @ 60/50 Hz
Power Factor	0.9 Minimum	0.9 Minimum	0.9 Minimum
Correlated Color Temperature (CCT)	5000K	5000K	5000K
Color Rendering Index (CRI)	>80	>80	>80
L <sub>70</sub> Lumen Depreciation**	50,000 Hours	50,000 Hours	50,000 Hours
Efficacy***	100 lm/W	105 lm/W	100 lm/W
Operating Temperature	-4°F (-20°C) to 104°F (40°C)	-4°F (-20°C) to 104°F (40°C)	-4°F (-20°C) to 104°F (40°C)
Applications	Dry or Damp Locations	Dry or Damp Locations	Dry or Damp Locations
Certifications	UL Listed and RoHS Compliant	UL Listed and RoHS Compliant	UL Listed and RoHS Compliant
Lamp Replacement	No	No	No
Restrike and Warm Up Time	Instant	Instant	Instant
Warranty	50,000 Hours / 5 Years at L <sub>70</sub>	50,000 Hours / 5 Years at L <sub>70</sub>	50,000 Hours / 5 Years at L <sub>70</sub>
Daisy Chain Maximum	4 Maximum	6 Maximum	10 Maximum

\* **Caution:** EPCO's TIGER Temporary LED Luminaires, including its LEDs, housing, power cord, LED driver, and internal wiring meet all UL product certification requirements from our factory. However, when these luminaires are modified in any way by cutting and removing the NEMA 5-15 Plug with the specific intent to splice the luminaire into a 277 VAC circuit, the luminaire "will not" meet the UL product certification standard because the receptacle on the luminaire will be energized at 277 VAC, not the receptacle's "intended" 120 VAC operation.

\* **Warning:** Any modified conversion to these luminaires will immediately void the warranty and can cause a fire, subsequent bodily injury (electric shock), or equipment damage if a 120-VAC device is plugged into the luminaire's receptacle.

\*\*Usable light level defined as L<sub>70</sub> — the point at which the Temporary LED Luminaire has dimmed to 70% of its original output.

\*\*\*Measured as "luminous efficacy"; the ratio of luminous flux coming out (in Lumens) to electricity going in (in Watts).



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
15732	15732	TIGER LED: 100-Watt LED Temporary Luminaire with Lamp Guard and 6-FT 18 AWG SJT Cord	EA	1	BX	4	4	4	Yes	26
15733	15733	TIGER LED: 60-Watt LED Temporary Luminaire with Lamp Guard and 6-FT 18 AWG SJT Cord	EA	1	BX	4	4	4	Yes	21
15734	15734	TIGER LED: 150-Watt LED Temporary Luminaire with Lamp Guard and 6-FT 18 AWG SJT Cord	EA	1	BX	4	4	4	Yes	28

#### UNITS OF MEASURE KEY

Order Unit: The Unit to be ordered; Order Qty: Number of pieces in each Unit; Unit Pkg: Packaging types - BG (Bag), BX (Box), BRL (Barrel); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

E02-040-002 B1 (10/18-BB)  
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