

## TIGERcub™ LED Temporary Luminaire

### Product Data Sheet

Engineered Products Company's (EPCO) TIGERcub LED Temporary Luminaire is a low cost, energy efficient, temporary LED lighting solution for construction sites, renovation, or short-term maintenance tasks. Our high quality, high performance, reliable, and durable 100-watt or 150-watt LED luminaire provides 360 degrees of illumination.

#### Benefits

- No assembly required! Ready to use out of the box.
- Small size, light weight, and easy to use.
- Lower power consumption and significant energy savings for 24 hour a day usage compared to other temporary LED luminaires.
- No lamp maintenance required.
- Minimum operating temperature -20 to 40° C (-4° to 104°F).
- Meets 2020 National Electrical Code Article 410.62(C)(1) and (2).
- Meets OSHA Compliance Standard 1926.56(a) for Temporary Lighting: 30-foot spacing for minimum of 5-foot-candles.

#### Features

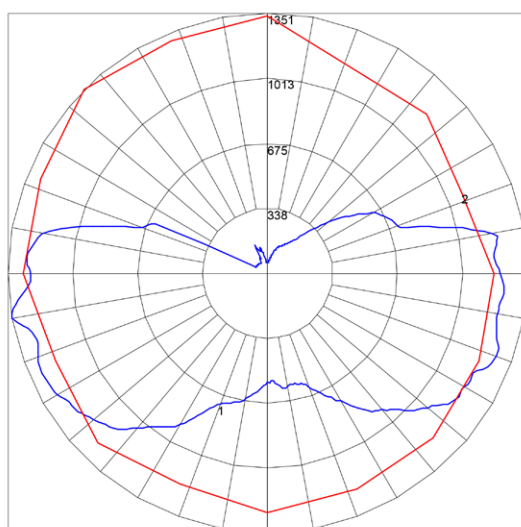
- Omni-directional luminaire; directs 100% of the light outward and downward.
- Weighs just 6 pounds — highest lumen output to weight ratio on the market.
- Suitable for dry and damp locations.
- Durable stainless-steel cage with no risk of color fading, rusting or distorting.
- Input Voltage: 120 VAC @ 60 Hz only.
- Cord Length: 5-feet (1.8m).
- Cord Type: 18 AWG SJTW with NEMA 5-15 Plug.
- NEMA 5-15 Receptacle allows luminaires to be daisy-chained together.
- Carabiner Style Hang Hook expedites installation to rebar or pipe.



150-Watt



100-Watt

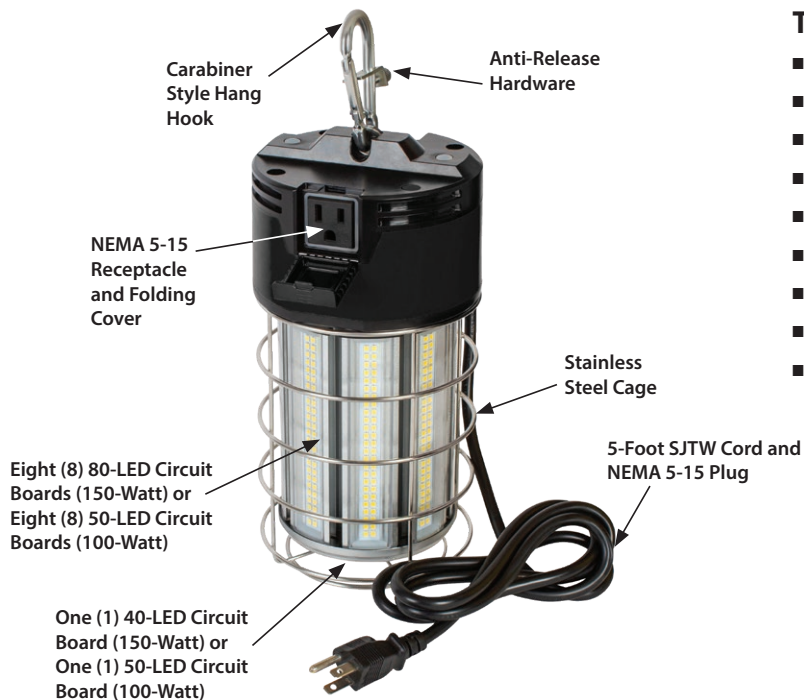


Maximum Candela = 1350.76. Located At Horizontal Angle = 135, Vertical Angle = 80  
 # 1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (80) (Through Max. Cd.)

#### Photometrics for TIGERcub LED Temporary Luminaire

EPCO's LM-79 Report captures the TIGERcub light engine's overall electrical characteristics and photometric measurements (lumen output) performance. This report is a snapshot of the spatial distribution of light and color attributes under specified operating conditions.

However, this report does not address lifetime ratings for the TIGERcub's LED light engine, changing performance over time (lumen maintenance), or the luminaire housing's internal temperature.



## Typical Applications

- New Building Construction or Renovation.
- Low to Medium Bay Warehouse Lighting.
- Miscellaneous Maintenance Tasks.
- Indoor Parking Garages.
- Grocery Stores.
- Retail Stores.
- Mezzanine Areas.
- Outdoor Areas.
- Schools and University Gymnasiums.

## TIGERCUB LED: SPECIFICATIONS

- **Output Lumens:** 12,000 Lumens (100-Watt) or 18,000 Lumens (150-Watt)
- **Power Consumption:** 100-Watts or 150-Watts
- **Amperes:** 1.0 (100-Watt) or 1.5 (150-Watt)
- **Operating Voltage\*:** 120-Volts only
- **Power Factor:**  $\geq .9$
- **Correlated Color Temperature (CCT):** 5000K
- **Color Rendering Index (CRI):**  $\geq 80$
- **L<sub>70</sub> Lumen Depreciation\*\*:** 50,000 Hours
- **Operating Temperature:** -20 to 40° C (-4° to 104°F)
- **Applications:** Dry or Damp Locations

- **Certifications:**
  - » ETLus Listed
  - » Meets the requirements of the 2020 National Electrical Code, Articles 410.62(C)(1) and (2)
- **Cord Length/Type:** 5-Feet/18AWG SJTW
- **Plug and Receptacle Type:** NEMA 5-15
- **Efficacy\*\*\*:** 120 lm/W
- **Warranty\*:** 3-Years
- **Linkable Maximum:** Six (6) 100-Watt or Four (4) 150-Watt TIGERCUB LED Temporary Luminaires

\* Caution: Engineered Products Company's TIGERCUB LED Temporary Luminaire, including its luminaire housing, power cord, LED driver, and internal wiring meet all ETLus product certification requirements from our factory.

\* Warning: Any modification to this luminaire will immediately void the warranty. Subsequent modification can potentially cause a fire, great bodily injury (e.g., electric shock or burns), or equipment damage.

\*\* Usable light level, the point at which the TIGERCUB LED Temporary Luminaire has dimmed to 70% of its original lumen output.

\*\*\* Measured as "luminous efficacy", the rate of luminous flux being distributed out (in lumens to electricity 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)
15712	15712	TIGERCUB LED: 100-Watt	EA	1	BX	4	4	1	1	6
15713	15713	TIGERCUB LED: 150-Watt	EA	1	BX	4	4	1	1	7

### 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

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