

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 2023 National Electrical Code Article 410.62(B)(C) and 410.64 Article C.
- 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:
 - **Dry Locations** are not normally subjected to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.
 - **Damp Locations** are protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture.
- 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
Part Number: 15723



100-Watt
Part Number:
15722



TIGERcub Temporary LED Luminaire Performance Specifications

	P/N: 15722	P/N: 15723
Output Lumens	13,000	22,500
Power Consumption	100-Watts	150-Watts
Amperes	.83	1.6
Operating Voltage	120 -Volts only	120 -Volts only
Power Factor	≥.9	≥.9
Color Temperature	5000K	5000K
Color Rendering Index (CRI)	>80	>80
L ₇₀ Lumen Depreciation**	50,000 Hours	50,000 Hours
Efficacy	120 Lumens/Watt	150 Lumens/Watt
Operating Temperature	-4°F (-20°C) to 104°F (40°C)	-4°F (-20°C) to 104°F (40°C)
LED Circuit Boards	Eight (8) 26-LED Circuit Boards	Eight (8) 80-LED Circuit Boards
Environments	Dry or Damp Environments	Dry or Damp Environments
Warranty	5-years	5-years
Power Cord Type	5-foot 18 AWG SJTW Round Cord with NEMA 5-15 Plug and Receptacle	
Linkable Maximum	6 Maximum	4 Maximum
Certifications	<ul style="list-style-type: none"> ■ ETLus Listed ■ Meets OSHA Compliance Standard 1926.56(a) for Temporary Lighting: 30-foot spacing for minimum of 5-foot-candles. 	

* 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).

Commonalities



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.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
15722	15722	TIGERcub LED: 100-Watt	EA	1	BX	4	4	1	1	6
15723	15723	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

(05/23)

©2023 Engineered Products Company. All Rights Reserved.



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 2023 National Electrical Code Article 410.62(B)(C) and 410.64 Article C.
- 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:
 - **Dry Locations** are not normally subjected to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.
 - **Damp Locations** are protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture.
- 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
Part Number: 15723



100-Watt
Part Number:
15722



TIGERcub Temporary LED Luminaire Performance Specifications

	P/N: 15722	P/N: 15723
Output Lumens	13,000	22,500
Power Consumption	100-Watts	150-Watts
Amperes	.83	1.6
Operating Voltage	120 -Volts only	120 -Volts only
Power Factor	≥.9	≥.9
Color Temperature	5000K	5000K
Color Rendering Index (CRI)	>80	>80
L ₇₀ Lumen Depreciation**	50,000 Hours	50,000 Hours
Efficacy	120 Lumens/Watt	150 Lumens/Watt
Operating Temperature	-4°F (-20°C) to 104°F (40°C)	-4°F (-20°C) to 104°F (40°C)
LED Circuit Boards	Eight (8) 26-LED Circuit Boards	Eight (8) 80-LED Circuit Boards
Environments	Dry or Damp Environments	Dry or Damp Environments
Warranty	5-years	5-years
Power Cord Type	5-foot 18 AWG SJTW Round Cord with NEMA 5-15 Plug and Receptacle	
Linkable Maximum	6 Maximum	4 Maximum
Certifications	<ul style="list-style-type: none"> ■ ETLus Listed ■ Meets OSHA Compliance Standard 1926.56(a) for Temporary Lighting: 30-foot spacing for minimum of 5-foot-candles. 	

* 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).

Commonalities



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.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
15722	15722	TIGERcub LED: 100-Watt	EA	1	BX	4	4	1	1	6
15723	15723	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

(05/23)

©2023 Engineered Products Company. All Rights Reserved.

