

PROSERIES™ LED UTILITY LUMINAIRE

Our ProSeries LED Utility Luminaire uses a driverless LED light engine with 93% electrical efficiency suitable for a variety of lighting applications.

We use high-power LEDs which provide excellent white-light distribution and color-rendering quality that portrays the true colors of objects with no perceptible flicker at 120 Hz. This properly designed LED light engine reduces energy consumption and lowers carbon emissions, and its small form factor is ideal for universal building integration.

Producing only 79 lumens per watt and built with high-quality materials and workmanship, this durable IP65 rated weather-resistant LED light engine uses a solid core, pre-shrunk silicone gasket to reinforce a water-tight seal against outside environment. This combination of materials ensures a consistent and reliable long lasting performance at a very cost-effective, competitive price.

BENEFITS

- ETL Listed to UL Standard 1598 (tested).
- Meets the requirements of the 2017 National Electrical Code: Articles 410.10(A), 410.48, 410.52, 410.104(A), 410.117(A), 547.5(C)(1)(2).
- Equivalent to 75-Watt incandescent lumen output; Consumes only 15-Watts of electricity.
- Labor saving, easy installation: Uses eight (8) mounting brackets that are "in-line" with 1/2" and 3/4" trade size knockouts; eliminates a 2" x 4" stub-in by the installer.
- Meets NEC junction box fill requirements for adding an additional circuit.
- Optimal illumination, significant energy savings and virtually no luminaire maintenance.
- Circular distribution pattern evenly distributes light at all lateral angles; requires fewer fixtures than traditional illumination sources. See Figure 1.
- Can be used where high-pressure wash down is required.
- Appropriate for use with all non-metallic wiring systems.
- Blends with existing fixtures, complements sight line uniformity.
- Suitable for use in indoor, outdoor, or wet location applications.
- Warranty: Five (5) years or 50,000 hours.

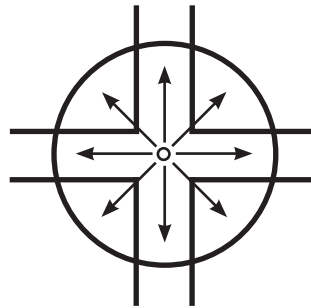


Figure 1

FEATURES

- Lightweight, compact, and timeless styling.
- ProSeries LED Utility Luminaire (P/N 15913) Includes LED light engine and diffuser assembly, 18 cubic-inch PBT junction box, and high temperature silicone gasket.
- ProSeries LED Utility Luminaire Upgrade (P/N 15973) includes LED light engine and diffuser assembly, high temperature silicone gasket, two (2) screws, and adapter ring to mount the Upgrade directly to a standard 4" round junction box.
- 100% impact resistant, precision-molded, UV resistant polycarbonate diffuser.
- Superior LED optics magnify lumen output with minimal glare.
- Continuous silicone gasket between the junction box and luminaire base eliminates the ingress of dirt and moisture.
- The cast-aluminum Heat Sink is finished in a black "E" coat material that will not rust or corrode in the harshest environment.



PROSERIES LED UTILITY LUMINAIRE

PROSERIES LED UTILITY LUMINAIRE SPECIFICATIONS

Output Lumens	1,200+ Minimum
Power	15-Watts
Power Consumption	0.12 Amps
Operating Voltage	120 Volts only
Power Factor	0.98 Minimum
Total Harmonic Distortion	<20%
Correlated Color Temperature (CCT)	5000 - 5,400K
Color Rendering Index (CRI)	>80
LED Circuits	50,000 Hours
Efficacy*	79 lm/W
Operating Temperature	-4°F (-20°C) to 113°F (45°C)
Applications	Dry, Damp, or Wet Environments
Warranty	50,000 Hours / 5 Years
Dimmable	Down to 10% of rated output

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

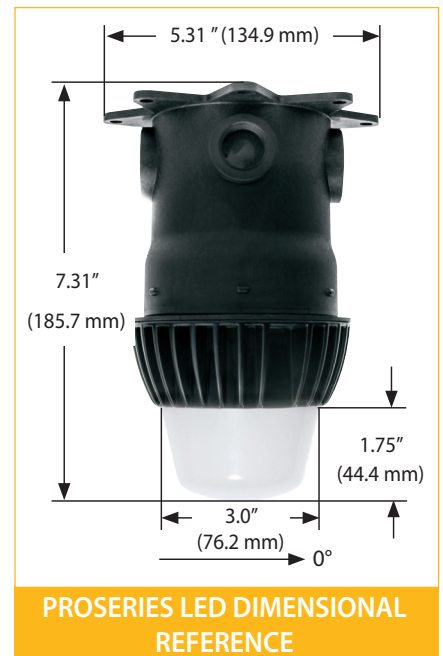
PROSERIES LED COLORED LENSES

The ProSeries LED Utility Luminaires are also available with Amber, Blue, Green, or Red lenses. Contact EPCO Inside Sales at sales@engproducts.com or 800.336.1976 for more information.

Note: Red, Green, and Blue lenses have longer lead times.



RETROFIT WITH THE PROSERIES LED UTILITY LUMINAIRE UPGRADE

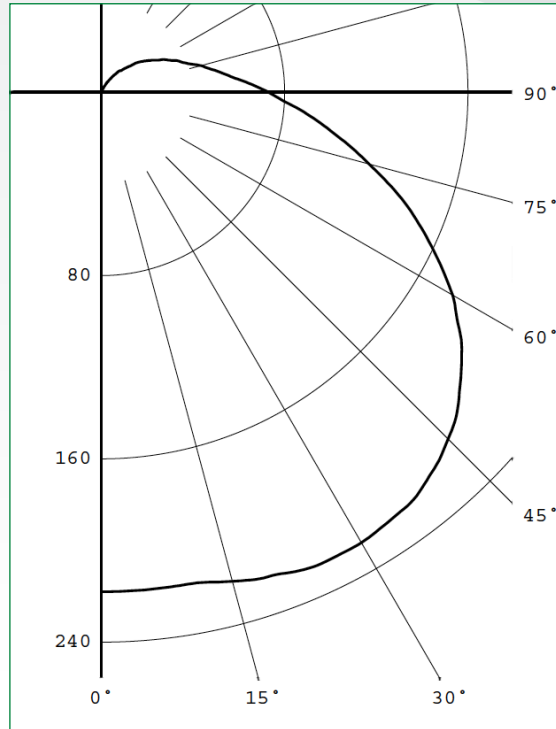


PROSERIES LED UTILITY LUMINAIRE

DEG	CANDELA	LUMENS
0	218	
5	218	21
15	221	63
25	227	105
35	225	141
45	214	165
55	192	171
65	159	158
75	121	128
85	87	95
90	73	
95	61	67
105	45	47
115	33	33
125	24	22
135	15	12
145	8	5
155	2	1
165	0	0
175	0	0
180	0	

ZONAL ZONE	LUMEN LUMENS	%FIXT
0- 30	188	15.3
0- 40	329	26.7
0- 60	666	53.9
0- 90	1047	84.8
90-120	148	12.0
90-130	169	13.7
90-150	186	15.1
90-180	187	15.2
0-180	1235	100.0

EFFICACY = 79.2 lm/W
CIE TYPE - SEMI-DIRECT
LUMINAIRE SPACING CRITERION = 1.57



PHOTOMETRICS FOR LED UTILITY LUMINAIRE

Luminaire Quality Metrics — LM-79 Report

EPCO's LM-79 Report captures the ProSeries LED luminaire 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 this LED luminaire engine, changing performance over time (e.g., lumen maintenance), or the LED luminaire housing's internal temperature.

PROSERIES LED UTILITY LUMINAIRE PART NUMBERS

Catalog Number	UPC Number	Description	Order Unit	Order Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
ProSeries LED Utility luminaires										
15913	15913	ProSeries LED Utility Luminaire: includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BX	12	12	1	No	2
15915	15915	ProSeries LED Utility Luminaire (BULK): includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BN	12	12	12	Yes	17
15973	15973	ProSeries LED Utility Luminaire Upgrade: includes 15-Watt LED Luminaire, Aluminum Heat Sink, Junction Box Adapter, Silicone Gasket and Two (2) Screws	EA	1	BX	12	12	1	No	1
15975	15975	ProSeries LED Utility Luminaire Upgrade (BULK): includes 15-Watt LED Luminaire, Aluminum Heat Sink, Junction Box Adapter, Silicone Gasket and Two (2) Screws	EA	1	BN	12	12	12	Yes	14
ProSeries LED Utility luminaires with Colored Lenses										
15913-AM	16060	ProSeries LED Utility Luminaire with Amber Lens: includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BX	12	12	1	No	2
15913-BL	16063	ProSeries LED Utility Luminaire with Blue Lens: includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BX	12	12	1	No	2
15913-GN	16062	ProSeries LED Utility Luminaire with Green Lens: includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BX	12	12	1	No	2
15913-RD	16061	ProSeries LED Utility Luminaire with Red Lens: includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BX	12	12	1	No	2
15915-AM	16080	ProSeries LED Utility Luminaire with Amber Lens (BULK): includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BN	12	12	12	Yes	17
15915-BL	16083	ProSeries LED Utility Luminaire with Blue Lens (BULK): includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BN	12	12	12	Yes	17
15915-GN	16082	ProSeries LED Utility Luminaire with Green Lens (BULK): includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BN	12	12	12	Yes	17
15915-RD	16081	ProSeries LED Utility Luminaire with Red Lens (BULK): includes 15-Watt LED Luminaire, Aluminum Heat Sink, and Junction Box	EA	1	BN	12	12	12	Yes	17

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

Specifications subject to change without prior notice.

PROSERIES LED UTILITY LUMINAIRE

PROSERIES LED UTILITY LUMINAIRE AND LED UPGRADE — Installation Requirement

For 120 VOLT OPERATION ONLY! If the working environment of the ProSeries LED Utility Luminaire and LED Utility Luminaire Upgrade will create a class 3 or greater surge voltage, the Purchaser/Installer must install a Surge Protector. A surge suppressor (TVSS device) prevents harmful surge voltages from damaging or destroying the ProSeries LED Utility Luminaire and/or LED Utility Luminaire Upgrade.

Select a surge suppressor that includes the following (minimum) features:

- Low let-through under IEEE Category B3, C1 and C3 test waves
- Independently tested to the published surge current ratings (per phase)
- Internal fuses
- Internal monitoring features (for both open and shorted MOV failures)
- Electrical noise filtering between 55dB at 100 kHz
- A small footprint design for more effective installation.
- Listed under UL 1449, UL 1283, and meets CSA approval.

Note: Failure to install a Surge Protection device prior to the installation and use of the ProSeries LED Utility Luminaire and/or LED Utility Luminaire Upgrade will automatically VOID the warranty and Engineered Products Company is not responsible for any or all reinstallation activities, cost, or expenses associated with the use of the ProSeries LED Utility Luminaire and/or LED Utility Luminaire Upgrade or replacement of the ProSeries LED Utility Luminaire and/or LED Utility Luminaire Upgrade.

PROSERIES LED UTILITY LUMINAIRE AND LED UPGRADE LIMITED WARRANTY

Engineered Products Company (herein known as EPCO) warrants at its sole option, after a failure is confirmed as a true defect in materials or workmanship, EPCO will replace or refund, any of the following LED Luminaire Products for a period of five (5) years from original purchase. This warranty statement applies to the original purchaser and is not transferable. If the product fails before the 5-year period expires, please return this product with your original invoice to: *Engineered Products Company, Attention: Return Materials Department, 5401 Smetana Drive, Minnetonka, Minnesota 55343.*

This Limited Warranty does not apply to any of the following:

- Any ProSeries LED Utility Luminaire that was incorrectly installed by drilling holes, puncturing, piercing or any other means that will alter the product's integrity.
- Damage caused by the use of parts, components, and/or other equipment(s) that is not compatible, suitable, or unauthorized by EPCO for use with any ProSeries LED Utility Luminaire.
- Damage resulting from the use of any ProSeries LED Utility Luminaire in what EPCO, at its sole discretion, considers extreme applications.
- Product damage as determined by EPCO to be caused by a crash, impact, or obvious signs of abuse to any ProSeries LED Utility Luminaire.

Distributed By:

E02-150-007 C1 (07/18 - SP)
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www.engproducts.com

5401 SMETANA DRIVE | MINNETONKA, MN 55343

P 800.336.1976 | F 800.336.2801

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