

General Purpose LED Luminaire with Color and Wattage-Select Technology

Product Data Sheet

Engineered Products Company's (EPCO) General Purpose Vapor Tight LED linear luminaires include Wattage Select and Color-Select technology. These benefits enable the building owner or installer to manage and adjust the energy consumption the luminaire uses in addition to the white color value, "on-demand" to emit suitable lighting required for the space where the luminaire will be installed.

The General-Purpose LED luminaires are certified DLC Premium listed and make them ideal for new installations or for retrofit lighting. The built-in capability of these luminaires improves the overall functionality of the lighting system, increases productivity, and enhances working standards.

Wattage Select Options

- Four(4) Foot Luminaire: 30/40/50W
- Eight (8) Foot Luminaire: 60/80/100W

Correlated Color Temperatures (CCT) Options

- 3000K - Warm White. Typically found in residential environments.
- 4000K - Bright White. Also used in residential environments, office buildings, retail spaces, schools/educational buildings, restaurants, production facilities, and churches.
- 5000K - Daylight White. Preferred for lighting applications such as commercial warehouses and storage facilities, parking garages, and other exterior lighting where higher lighting output and visibility is required.

Benefits

- ETL Listed.
- Ready for immediate installation.
- Wattage and color temperature settings allow adjustments on site as space and application requirements change.
- Wattage select options: 4-foot and 8-foot luminaires, adjustable to 50 and 100 watts maximum.
- Color temperature options: 3000K, 4000K, or 5000K.
- Total Lumen Output: See chart on Page 2.
- Suitable for use in indoor, outdoor, wet, and cold locations.
- IP65 Rated protection against the ingress of dust, solid particulates, and low-pressure jets of directed water.
- DLC (Design Lights Consortium) V5.1 Certified.
- Provides substantial energy savings.
- Suspend from the Ceiling or Surface Mount to a vertical surface.
- Includes Premium LEDs and superior quality LED Driver.
- Rebates may be available. Contact your local Utility or Co-operatives' with energy saving programs.
- 5-Year Warranty.



General Purpose LED Luminaire with Color and Wattage-Select Technology
Part Number:
MA-HVP481ECS-30/40/50W



Features

- 120-277 operation.
- Weatherproof polycarbonate Housing and Frosted Diffuser.
- Cord Grip; Ready for immediate wiring.
- Stainless Steel Latches and Mounting Brackets (two for 4 ft., three for 8 ft.), and Installation Hardware.
Note: For vertical mounting, select hardware appropriate for the surface.
- Integral 0-10 Volt Dimming produces varying light intensity levels for extended multi-purpose lighting solutions.
- Optimized double row design, and high quality of LEDs improves thermal resistance and heat dissipation.

Specifications

Part Number	MA-HVP481ECS-30/40/50W	MA-HVP881ECS-60/80/100W
Dimensions	47.2" L, 3.8" H, 4.3" W	94.0" L, 3.8" H, 4.3" W
Output Lumens	3900/5200/6500 Lumens	7800/10400/13000 Lumens
Operating Voltage	120-277 VAC @ 60 Hz	120-277 VAC @ 60 Hz
Amps	0.40 (120v) or 0.20 (277v)	0.80 (120v) or 0.40 (277v)
Watts	30/40/50 Watts	60/80/100 Watts
Correlated Color Temperature (CCT)	3000K, 4000K, 5000K	3000K, 4000K, 5000K
Color Rendering Index (CRI)	80+ (Minimum)	80+ (Minimum)
Lumen Maintenance*	50,000 Hours at L ₇₀	50,000 Hours at L ₇₀
Efficacy**	130 Lm/W	130 Lm/W
Efficacy Requirements	† DLC Standard 5.1	† DLC Standard 5.1
Lighting Control	0-10 Volt Dimming	0-10 Volt Dimming
Operating Temperature	-4 F (-20 C) to 104 F (40 C)	-4 F (-20 C) to 104 F (40 C)
Applications	Indoor, Outdoor, Wet, and Cold	Indoor, Outdoor, Wet, and Cold
Certifications	ETLus and DLC Standard 5.1	ETLus and DLC Standard 5.1
Warranty***	5 Years	5 Years

* Usable light level, the point at which the General Purpose LED 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).

*** Potentially available for a Rebate from your local electric utility.

† Certified as a DLC® Standard V5.1 Listed Luminaire to validate substantial energy savings.

† Possible rebates from utilities or co-operatives' energy efficiency programs for building owners.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
General Purpose LED Luminaire										
MA-HVP481ECS-30/40/50W	15334	General Purpose LED Luminaire: 4-FT, 30/40/50 Watts, 3000K, 4000K, 5000K; Includes Stainless Steel Latches and Mounting Hardware DLC Reference: P/N MA-HVP481E-40W ECS-30/40/50W	EA	1	BX	6	6	1	No	6
MA-HVP881ECS-60/80/100W	15338	General Purpose LED Luminaire: 8-FT, 60/80/100 Watts 3000K, 4000K, 5000K; Includes Stainless Steel Latches and Mounting Hardware DLC Reference: P/N MA-HVP881E-80W ECS-60/80/100W	EA	1	BX	4	4	1	No	10

To suspend this luminaire and not surface mount to a ceiling, please order the following Accessories:

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
GFF-FSSK	14256	Suspension Kit for V-Hooks	BG	2	BG	12	12	12	Yes	5
SH12	10252	12 AWG Plated S-Hooks: 1.125" Length	BG	100	BG	10	1000	100	Yes	10

General Purpose LED Luminaire 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 the General Purpose Linear LED Luminaire with Color Select Technology for a period of five (5) years from the original purchase. Coverage includes lumen output, color stability, LED driver performance, and defects against materials and workmanship.

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.

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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