

EV Eight Vapor

Specification-Grade Dust And Water Resistant Glass-Reinforced Polyester Gasketed Luminaire (IP65)

Project	
Туре	
Date	
Cat #	

Application Features

Specification-grade enclosed and gasketed IP65 luminaire. For use with indoor and outdoor applications where high-efficiency, high-performance and dust/water resistance is required. This luminaire's glass reinforced polyester housing and acrylic lens make it ideal for applications that require a high degree of ingress protection. Captive, corrosion resistant latches made of polyamide (PA) retain diffuser. For use in wet locations.



Specifications

Optical System

Standard diffuser is high-impact acrylic with textured pattern designed for high-efficiency while providing reduced glare. Smooth surface faces outwards. Optional polycarbonate diffusers are available. Optional reflectors are available in specular aluminum with a minimum reflectance of 95%. Clear polycarbonate lamp guards are available aiding in performance in cold temperature areas.

Mounting

Offset mounting pads which keep luminaire level and slightly off of the mounting surface are formed within the housing. Optional suspension set for chain mounting available.

Construction

Lightweight, impact-resistant glass-reinforced polyester housing. Holes on each end are 7/8 inch nominal diameter and are provided with two EPDM rubber caps. Diffuser flange fits into the gasketed retention slot providing a continuous seal, and is held in place with retaining latches. Continuous poured in place polyurethane gasket.

Finish

High-reflectivity coated gear tray for improved efficiency.

Flectrical

Rotary lampholders ensure positive lamp retention.

Approvals

For wet locations. Meets IP65. Approved to CSA and UL standards.

Features

- · Continuous poured in place gasket
- Lightweight, glass reinforced polyester and resin housing
- Available with 1, 2 or 3 lamps (T5 and T8 configurations)
- High-impact acrylic DR diffuser held with captive, corrosion resistant latches

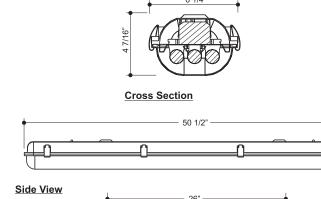
Options & Adders

- Enhanced specular aluminum reflector with a minimum reflectance of 95%
- · Emergency ballast
- Clear, textured polycarbonate lens with linear ribs
- · Liquid tight strain relief cord connector
- Chain sets
- · Stainless Steel Clips

Applications

- Canopies
- · Cold Storage Facilities
- Indoor Equestrian Facility
- Garage, Workshops and Parking Garages
- Dusty and Wet Environments
- May not be suitable for all environments.
 Consult www.viscor.com for more details.

Dimensions



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Back View

MODEL	Width A	Depth B	Overall Length C	Mounting Location D
148				
248	6 1/4"	4 7/16"	50 1/2"	26"
348				

Mounting Hole Location (2 Places)

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Options

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Photometrics - EV148-T832N120-VF1 - Efficiency 92.7%

Candle Distribution Luminance Summarv-CD. / SQ. M.

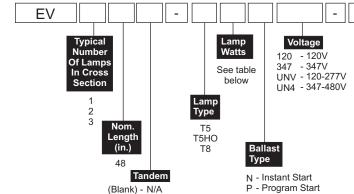


ANGLE	ALONG	45	ACROSS
45	2976	3755	4794
55	2906	4375	4785
65	2785	4078	3478
75	2381	2792	3142
85	2380	3187	3875

Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	464.69	15.80	17.00
0 - 40	813.77	27.60	29.80
0 - 60	1721.24	58.30	62.90
0 - 90	2566.34	87.00	93.80
40 - 90	-	-	-
60 - 90	-	-	-
90 - 180	168.34	5.70	6.20
0 - 180	2734.68	92.70	100.00

Ordering



R - Rapid Start

Ballast Options

П

(See Option Code Section For More Information)

B30 Emergency Lighting Battery Pack Spec Grade Emergency Lighting Battery Pack 1-lamp Emergency Lighting Battery Pack 2-lamp B33 B34

Housing Construction Options

Stainless Steel Latches C16

Packaging Options

Pack Bulk/ Pallet Packed and/or Wrapped

Mounting Options

M10(xx) Mounting Chain Set (specify length in inches)

Mounting Suspension Set (2-hook loops)

Lens Options

(High impact acrylic is standard)

□ P65 Lens Pattern Ribbed Polycarbonate

Reflector Options

VF1 Reflector VF1 Solid Full Specular

(95% Reflectance)

Wiring Options

□ †V08	Flexible Feed Cord (single circuit only) 6-ft Standard
□ V10 (1)	Hub Compact for 1/2" Threaded Pipe (3/4" OD) - 1 End
□ V10 (2)	Hub Compact for 1/2" Threaded Pipe (3/4" OD) - 2 End
□ V15	Liquid Tight Strain Relief

□ V21 Motion Sensor with Enclosure Assembly

(For Damp Locations)

V82(UNV) IP65 Motion Sensor 120-277V (For Wet Locations) V82(UN4) IP65 Motion Sensor 347-480V (For Wet Locations)

† For pendant mounted applications only. Not for use in surface mount applications.

Approval and Rating Options

Dual CSA and USA Market

Occupancy Sensors (If Ordered Separately)

KIT00065 IP65 MOTION SENSOR KIT (UNV) KIT00066 IP65 MOTION SENSOR KIT (UN4)