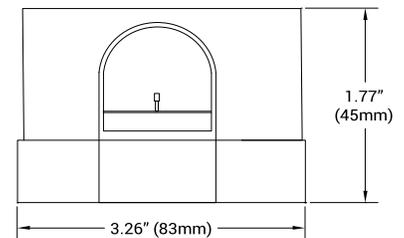


E8 SERIES PHOTOCELL

E8 series photocells are specifically designed for 20 years operation, withstanding heat and weather conditions with a multi-volt operation. FR4 glass epoxy, which forms the primary insulating backbone of printed circuit boards, ensures higher levels of ON/OFF operation cycles.

Product Features:

- High Temperature Housing
- Double-Sided Glass Epoxy FR4 Circuit Board
- 5000 Hours at 105°C.
- Interlock Design
- High Impact Polypropylene Housing
- UV Stabilized.
- 25mm, 20kA, 300 Joule MOV Standard
- Multi-Volt Operation
- Meets ANSI C136.10 Standard
- Improved Durability
- UL/CSA Listed (CUL)



Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10.
 Dimensions: Approx. 3.26" (83mm) dia x 1.77" (45mm) height (Contacts not included)
 Power Consumption: Less than 0.5 Watts (avg.) at 120VAC

Control

DC electromagnetic relay switch type exceeds 20,000 ON/OFF operations per ANSI C136.10

Temperature Range

-40°C to +65°C at 96% RH

Light Sensor

Non-drifting photo transistor

Relay Rating

30 Amp general purpose relay.

Load Rating

1000 Watt Tungsten 1800 VA Ballast

Cover

High impact polypropylene with UV stabilized polycarbonate window

Base

High temperature polyester (PBT)

Connection

3-pole locking type with solid brass legs

Gasket

Cross-linked polyethylene

E8 Series Product Selection Information

Note: "IR" means IR Filtered Phototransistor. "XX" means "customer code" to be defined.

Model	AMI-E8-102-BL-XX(IR)	AMI-E8F-102-BL-XX(IR)
Rated Volts (VAC)	120/208/240/277	120/208/240/277
Voltage Range (Volts)	105-305	105-305
Load Rating Tungsten (Watts)	1000	1000
Load Rating Ballast (VA)	1800	1800
Surge Protection (Joules)	300	300

E8 Series Technical Data

Rated Volts	Frequency	ON/OFF Ratio	Time Delay ON/OFF	Operating Light Levels	Fail Mode	Rated Life	Surge Protection
105-305 VAC	50/60Hz	1.5:1	Instant ON, 2-5 second delay OFF	Standard 1.5 Fc ON (optional 1-3 Fc)	E8: ON E8F: OFF	Twenty-two Years	25mm, 20kA, 300 Joules MOV