

# PCD2 Series Factory Sealed Hazardous Location Photocontrol

## For use in Class I, Division 2, Groups A, B, C, D locations

Maintains Class I, Division 2 rating for Mercmaster III – Low Profile, Mercmaster III, and Mercmaster III – 400 Series Luminaires, Mercmaster LED

Class I, Division 2, Groups A, B, C, D  
NEMA 4X

LIGHTING: ENCLOSED AND GASKETED – AREA – HID

### Applications

- Encapsulated photocontrol provides automatic dusk-to-dawn lighting control in Class I, Division 2 locations.
- Typical applications include walkways, security areas and any other outdoor lighting application.
- For use with Mercmaster III – Low Profile, Mercmaster III, and Mercmaster III – 400 Series Luminaires.
- For remote mounting in FS Boxes.

### Features

- Factory sealed design eliminates the need for an explosionproof enclosure.
- Can be easily installed in the field.
- Solid state design for performance and reliability.
- Available for 120, 208, 240, or 277 volts.
- 50-400 W HID, incandescent or fluorescent, 50/60 Hz.
- 1000 V.A. Voltage/Ampere
- Minimum time delay: 15 seconds to eliminate nuisance tripping.
- Provided with (3) 18AWG stranded leads 6"/152.4mm in length.
- Will fit through standard 1/2" knockout.

### Materials


- Encapsulated with epoxy sealing compound
- FS: aluminum

### Certifications and Compliances

- UL Standard: 1604 – Hazardous (Classified) Locations
- cULus Recognized


#### Factory-Installed Photocontrol

Add to fixture catalog after voltage; i.e.: **KPWBL1075MTH1**.


	Voltage Range	Suffix Designation
 <p>Mercmaster III wall mounting hood with photocontrol installed shown</p>	120 V, 50/60 Hz	<b>H1</b>
	208 V, 50/60 Hz	<b>H2</b>
	240 V, 50/60 Hz	<b>H3</b>
	277 V, 50/60 Hz	<b>H4</b>

#### Photocontrol in FS Cover for Use with FS/FD Box

Supplied with two stainless steel screws. For neoprene gasket, order catalog number **FS-GKR-1N**.

	Voltage Range	Catalog Number
	120V, 50/60 Hz	<b>FSKA-PC120D2</b>
	208-277V, 50/60 Hz	<b>FSKA-PC247D2</b>

#### Photocontrol for Field Installation

	Voltage Range	Max. Current	Catalog Number
	120 V, 50/60 Hz	8.3 Amp	<b>PC120D2</b>
	208-277 V, 50/60 Hz	3.5 Amp	<b>PC247D2</b>

### Dimensions

