

# POINT PHOTOELECTRIC CONTROLLER

## PPC

### MEDIUM LOAD MODEL AC

Compliances: FAA Advisory Circular 70/7460-1L, paragraph 5.3 (Red) & 6.4 (White & Dual)  
 Tested & Verified to FAA AC 150/5345-43H by Intertek Testing Service

The medium load model PPC series are FAA specification photoelectric controllers designed for individual or groups of L-810 POL single and double obstruction lights and to switch POC controllers. These PPC's are rated for up to 1000 watts of incandescent lamp or LED load. The PPC uses a time delay relay that prevents the accidental turn-off of the lights due to stray lighting incidence. The enclosure is cast aluminum with a yellow Marine Treatment finish for corrosion resistance. The cover is gasketed to be watertight and includes a cover tether and captive screws.

Voltage	Point Type	—	Entries	—	Options
96–305V AC	PPC-40700-1 PPC-40702-1*		34T: ¾-inch bottom 10T: 1-inch bottom 34V: ¾-in vertical feed-thru** 10V: 1-in vertical feed-thru** 34F: ¾-inch horizontal feed-thru		OS: Override Switch

\* PPC-40702-1 is for use only with Point Lighting white & dual beacon power supplies and controllers that operate day and night.

\*\* Bottom & top entries. The photocell eye must always be on the side.

Overall Dimensions: Inches (mm)

Height: 10.0 (254)

Width: 6.0 (152)

Depth: 3.5 (90)

Weight: 5.0 lbs 2.3 kg

Load Rating: 8A maximum (AC)  
960 VA at 120V; 1,840 VA at 230V

Switching: Single-pole, single-throw; normally closed

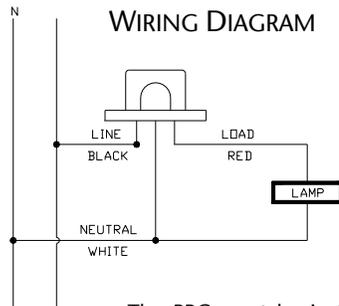
Operation: ON by 35 fc (377 lux) evening  
OFF by 60 fc (646 lux) morning

Temperature: -55°C to +55°C

#### STANDARD FINISH: MARINE TREATMENT

Our Marine Treatment tolerates marine, high salt content air and other corrosive environments. The FAA specified finish used by competitors flakes and fails in a short time under such conditions. Point Lighting Corporation is the only obstruction lighting manufacturer that offers this standard finish. We are the foremost manufacturer of marine offshore helideck lighting operating in severe environments. *The fixture shall be treated for marine conditions by cleaning per US Department of Defense TT-C-490 method III, pretreated with chrome-free aluminum conversion coating per US MIL-C-5541 type II, epoxy powder base coat primer and glossy polyester powder coat finish. Powder coating per US Department of Defense MIL-PRF-24712A type VI and oven cured.*

FAA PHOTOELECTRIC CONTROLLER  
 PPC-40700-1-34T-OS  
 INCLUDES OVERRIDE SWITCH



The PPC must be installed so the photocell eye must always be on the side.

FAA PHOTOELECTRIC CONTROLLER  
 PPC-40700-1-34T  
 WITH ONE BOTTOM HUB

