

POINT PHOTOELECTRIC CONTROL

PPC

FAA MODEL AC POWER

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

The model PPC is an FAA specification photoelectric control designed for individual or groups of POL single and double obstruction lights and to switch POC lighting system controllers. The PPC is 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	34T: 3/4-inch bottom	OS: Override Switch
96-305V AC	PPC-40702-1*	10T: 1-inch bottom	MT: Green Marine Treatment^
10.8-52.8V DC	PPC-40700-5	34V: 3/4-in vertical feed-thru**	CF: Cable Gland
		10V: 1-in vertical feed-thru**	CF2: Cable Gland x 2
		34F: 3/4-inch horizontal feed-thru	BKTS: Universal Bracket Kit - Straps
		10F: 1-in horizontal feed-thru	BKTU: Universal Bracket Kit - U-bolts

* PPC-40702-1 is 2-mode for use only with Point Lighting white & dual beacons and POC controllers that operate day and night.

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

Note: Metric entries available

Overall Dimensions: Inches (mm)

Height: 6.25 (159)
Width: 6.25 (159)
Depth: 4.13 (105)
Weight: 5.0 lbs 2.3 kg
Volume: 87 inch³ 1,425

Load Rating: 8A maximum (AC & DC)
960 VA at 120V; 1,840 VA at 230V
96 VA at 12V DC; 192 VA at 24V DC

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



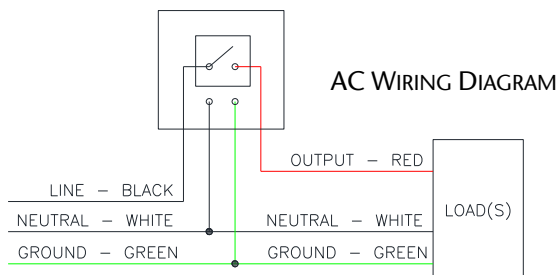
PPC WITH OVERRIDE SWITCH
PPC-40700-1-34T-OS
MAY ORDER SWITCH SEPARATELY AS PL40110-3



FAA PHOTOELECTRIC CONTROL
PPC-40700-1-34T
WITH 3/4-INCH BOTTOM HUB



FAA PHOTOELECTRIC CONTROL
FOR TOWER & POST MOUNTING
PPC-40700-1-34T-BKTU-CF
WITH BRACKET KIT & CABLE GLAND



^ STANDARD FINISH: YELLOW MARINE TREATMENT
Our custom finish tolerates marine, high salt content air and other corrosive environments.

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