

SERIES 800 PhotoController & Beacon Flasher

Compliant for use with:

FAA Advisory Circular AC 150/5345-43F
 Canadian Aviation Regulation 621.19
 ICAO Annex 14, MIL-C-7989
 DGAC of Mexico

Use:

The Hughey & Phillips SERIES 800 PhotoController and Beacon Flasher provides a low cost, high reliability solution to your lighting needs. This unalarmed system allows for the user to add an inline system to their conduit run on the tower to controller the installed FAA beacons and sidelights.

The systems are factory calibrated and *never* need adjustment. Each system utilizes surge and transient components and additional input line protection. Normally closed solid state relay configuration assures "Lights ON" condition even if the circuitry fails. Red LED provides quick visual verification of field operation. And with its modular design, it allows for quick field installation or retrofit to existing system is ever damaged.



Specifications:

Input Voltage	120VAC or 230VAC, 50/60Hz
Power Rating	2000 Watts continuous duty
Peak Current Surge	320 Amps, 100ms 650 Amps, 1 cycle @ 60Hz
Operation Temperature	-55° to +55° C
Transient Suppression	2.5kV @ 10ms components to case
Reliability	MTBF over 500,000 hrs
Photo Control ON/OFF	ON at or above 35 foot candles OFF at or below 58 foot candles
Beacon Flash Rate	30FPM: 2/3 ON, 1/3 OFF

Mounting Requirements:

External Dimensions	4-1/2" x 4-1/2" x 3"
Conduit Mounted	1" NPT

Part Numbers:

S800PC120 – Photo Controller, 120VAC
S800PC240 – Photo Controller, 240VAC

S800BF120 – Beacon Flasher, 120VAC
S800BF240 – Beacon Flasher, 240VAC