



## STANDARD FEATURES ON ALL OLC SERIES CONTROLLERS

- NEMA 4 rated enclosure
- 120VAC or 230VAC, 50/60Hz
- Solid state flashers with zero voltage switching for longer lamp life, encapsulated to protect against harsh conditions and vibration
- Solid state alarm modules, encapsulated to protect against harsh conditions and vibration
- Line voltage transient protection
- Fused outputs
- Failure detection for:
  - Beacon lamp failure
  - Obstruction lamp failure
  - Flasher failure (force beacon on steady in the event of failure)
  - Power failure
- Local LED indicators for:
  - Beacon lamp failure
  - Obstruction lamp failure
  - Flasher failure
  - Power present
- Individual isolated alarm contacts for remote alarming for:
  - Beacon lamp failure
  - Obstruction lamp failure
  - Flasher failure
  - Power failure
- Photo-control override switch on enclosure door
- Technical support line

## OPTIONAL FEATURES AVAILABLE FOR AN ADDITIONAL CHARGE

- Enclosures:
  - NEMA 1
  - NEMA 4X (stainless steel, fiberglass, or polycarbonate)
- Class I, Division 1 & 2 explosionproof (NEMA 7, EEX d, ATEX)
- Custom paint
- Pilot lights on enclosure door (standard on Class I, Division 1 & 2 enclosures)
- Remote indicator panel
- Lightning arrestor
- Circuit breakers
- Alternating feature—Doubles lamp life
- Audible alarms
- Auto dialer
- Backup designs:
  - Beacons
  - Obstruction side lights
  - Power
  - Photo-control
- Custom alarms:
  - Last beacon lamp failure
  - Photo-control failure
- GPS synchronization
- Integrated with other systems including BMS
- Dual power source
- Backup power source

# INCANDESCENT RED OBSTRUCTION LIGHTING CONTROL SYSTEMS

**Certified to:** FAA AC 70/7460-1  
**Compliant to:** FCC Rules and Regulations  
 NEMA & UL Enclosures  
 IEC 529 Enclosures  
 NEMA 4 rated and IP66



OLC SERIES

## SELECTION CHART—INCANDESCENT RED

OLC Catalog Number	Input Voltage <sup>3</sup>	Flashing Beacon Options <sup>1</sup>	Obstruction Light Outputs <sup>1</sup>		Maximum Structure Height <sup>2</sup>		Booster Txmr	Lamp Transfer Relays	Typical FAA Structure
			Singles	Doubles	Feet	Meters			
<b>Control Systems for Towers</b>									
70000AJ	120	1	2	0	225	70	–	–	A1
70001AJ	120	1	2	0	350	305	X	–	A1
70002BJ	120	3	6	0	700	305	X	–	A2
70002CJ	120	3	8	0	700	305	X	–	A2
70003BJ	120	5	9	0	1180*	388*	X	–	A3
70003CJ	120	5	12	0	1180*	388*	X	–	A3
70200AJ	230	1	2	0	350	365	–	–	A1
<b>Control Systems for Solid Structures</b>									
70003AJ	120	3	0	3	800*	388*	X	–	A1
70042AJ	120	3	0	3	225	70	–	X	A1
70043AJ	120	3	0	3	470	305	X	X	A1
70242AJ	230	3	0	3	700	365	–	X	A1
<b>Control Systems for Other Applications</b>									
70002AJ	120	2	6	0	700	305	X	–	–
70004AJ	120	2	4	0	225	70	–	–	–
70038AJ	120	1	0	2	225	70	–	X	–
70204AJ	230	2	4	0	700	365	–	–	–
70238AJ	230	1	0	2	700	365	–	X	–

<sup>1</sup> Flashing FCB beacons use two 620W lamps or two 700W lamps at 120V, and two 700W lamps at 230V. Obstruction lights use 116W lamps at 120V and 116W lamps at 230V.

Double EOL or VAW obstruction lights have one lamp burning and one lamp standby.

<sup>2</sup> Heights are calculated maximums based upon OLC capacities with certain wire sizes and are not related to FAA specified configurations.

<sup>3</sup> Voltages are line to neutral. The 230V units are typically for 220-240V export applications and require a neutral or grounded leg.

\* Based upon #6 AWG wire. All other heights are based upon #8 AWG wire.

Note: For custom control systems, contact Cooper Crouse-Hinds Customer Service.