

## CFS 55, 85 or 165 Large Flood

Available in lamp color temperatures 3000K, 4000K, or 5000K.

Part Number:  
 85 Watt: CFS-PHFL/85  
 165 Watt: CFS-PHFL/165

**FEATURES:** Die cast aluminum adjustable housing. Hinged tempered glass lens. Architectural bronze finish.

**HOUSING:** One piece heavy duty die cast aluminum face frame is hinged and secured to the back box with captive screws. Optional polycarbonate guard. Silicone gasket provides a weather seal.

**ELECTRICAL:** 85 or 165 watt, 120 through 277 VAC. (must specify)

**APPLICATIONS:** Parking areas, waterfronts, recreational areas, loading platforms, landscape, signs, entrance, and walkways.



### Induction lighting Features

#### No electrodes or filaments

- \*100,000 hrs rated average life.
- \*Low lumen depreciation of <30% @ 60,000 hours.
- \*Low operating temperature of components.

#### High-frequency operation

- \*High system efficacy(65-70lm/W)
- \*No flickering
- \*No stroboscopic effect
- \*No noise

#### Electronic control

- \*Output-protected HF generator

#### Instant (re-)start

- \*Light available instantly when needed
- \*Short ignition time <0.5sec

#### 3-line fluorescent coating

- \*Choice of color temperature
- \*White light
- \*Excellent color rendition (CRI 85)
- \*No color deviation

### Induction Lighting Benefits

- \*High reliability and virtually maintenance-free operation.
- \*Lasting light output right through life time.
- \*Increased safety, more standard luminaire construction.
- \*Economic, environment-friendly lighting in situations with long burning hours.
- \*Restful non-fatiguing light.
- \*No danger with rotating machinery.
- \*Non-disturbing in operations.
- \*Automatic switch-off in case of lamp or power coupler failure.
- \*Generator resets 15-30 seconds after switch off.
- \*Suitable for security and safety lighting.
- \*More comfort.
- \*Useful light immediately after switch-on.
- \*Installation can be matched to lighting situations and requirements.
- \*Uniform predictable lighting results throughout larger installations; color maintained through life.

### **INDUCTION LIGHTING**

Induction lighting makes use of a technology which is fundamentally different from that of incandescent lamps or today's conventional gas discharge lamps. Instead of the glowing filaments of incandescent lamps, or the electrodes used in conventional gas discharge lamps, light generation is by means of induction— the transmission of energy via a magnetic field— combined with a gas discharge. Combining the basic principles of induction and gas discharge, this revolutionary concept in light generation offers benefits never before possible.

All CFS Inc. products come with a 5 year warranty.

CFS INC.

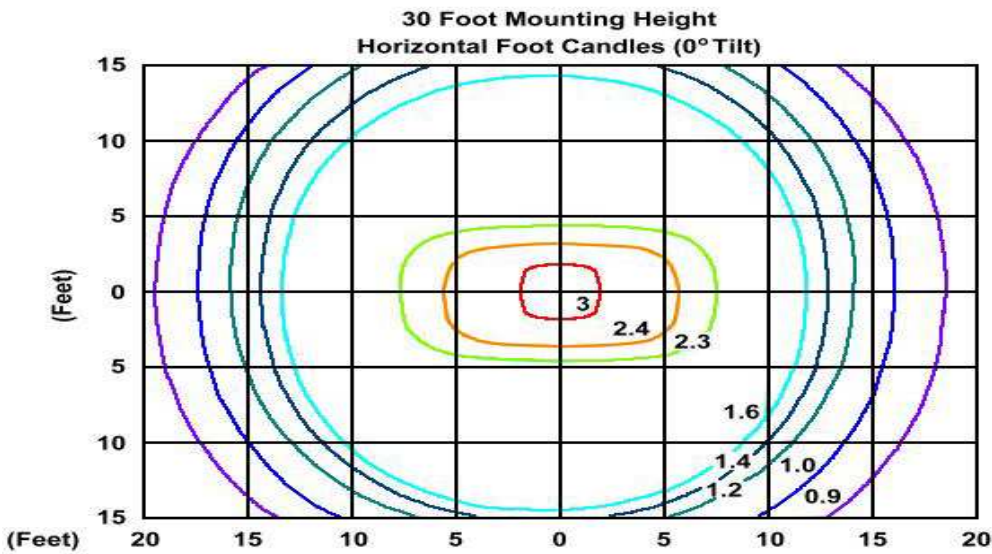
3 Adams Street- Belvidere, NJ 07823- Tel: 908-475-8991 Fax: 973-729-1271  
 E-mail: [info@cfsinc.us](mailto:info@cfsinc.us) Web Site: [www.cfsinc.us](http://www.cfsinc.us)

# PHOTO METRICS FOR 165 WATT FLOOD LIGHT

Post top mounting.  
 For outdoor applications.  
 Specify source color temperature 3000K or 4000K

## Lamp Technical Data 165 Watt

Initial Lumens.....12,000  
 Lumens @ 50,000 Hrs.....10,600  
 System Watts.....165  
 Power Factor .....>90  
 Voltage Range.....120-277  
 CRI.....85  
 Hot Re-strike.....Instant  
 Operating Freq.....2.65Mhz  
 Burning Position.....Any  
 Min. Starting Temp Degrees F.....0  
 Rated Avg. Life (Hrs).....100,000



Conversion Table  
 Approximate Multipliers for  
 Different Mounting Heights.

10'	8.9	20'	2.3
15'	4.0	25'	1.4

Candela Distribution

	0.0	90.0
0.0	2830	2830
10.0	2590	2700
20.0	2480	2390
30.0	2200	1510
40.0	1750	985
50.0	1210	875
60.0	716	378
70.0	293	146
80.0	38	33
90.0	35	29

