

DESCRIPTION

This LED single head flood series produces over 5800 Lumens and was designed for superior large area coverage using the latest innovations in LEDs, drivers and optics. Using a dependable, die-cast aluminum housing, this fixture delivers light where you need it, keeping power consumption to a minimum. Available with and without integrated photo controls, this series comes in white or bronze finish.

| Catalog # | | Type |
|-------------|--|------|
| Project | | |
| Comments | | Date |
| Prepared by | | |

SPECIFICATION FEATURES

Construction

- Durable die-cast aluminum housing with UV stable clear lens
- Powder coated bronze or white finish
- Optically enhanced reflector improves efficiency and delivered lumens
- Tool-less head and motion sensor adjustment
- Wall or eave mounted to recessed or surface junction boxes

Optics

- Advanced optics for maximum coverage
- Field selectable CCT: 3000K, 4000K and 5000K (Default factory setting is 4000K)

Electrical

- 120-277VAC, 50/60Hz
- Maintenance-free LEDs with 70,000 hours of life
- Fixture operating temperature of -30°C to 40°C
- External supply wiring 75°C minimum
- Integral photocell allows for nighttime ON / daytime OFF operation (Integrated sensor SKUs only)

Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com

Compliance

- UL certified for US and Canada for wet locations
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.



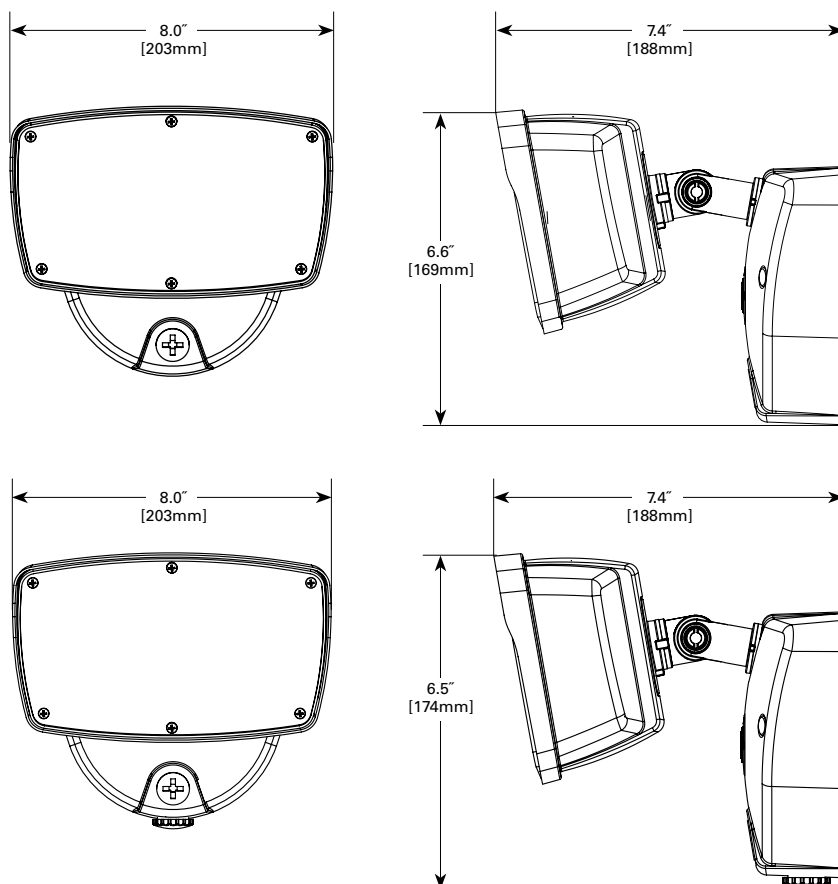
FSL503 HIGH LUMEN SINGLE HEAD FLOODLIGHT

5800 Lumen Series

seleCCTable™

Suitable for recessed or surface mount electrical junction boxes

DIMENSIONS



ENERGY DATA

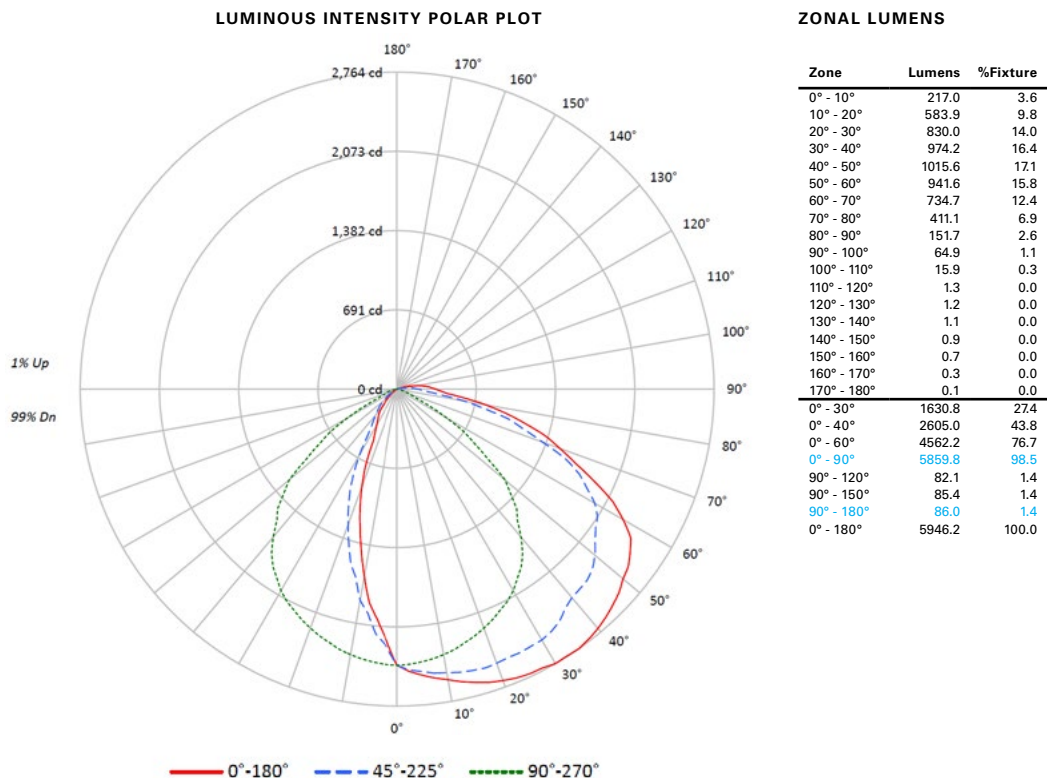
| Lumens | 5800 | |
|----------------------|----------|---------|
| Input Voltage | 120-277V | 50/60Hz |
| Input Current @ 120V | (mA) | 413 |
| Input Power | (W) | 51.6 |
| Efficiency | (LPW) | 112.4 |
| THD: ≤ 20% | | |
| PF: ≥ 0.90 | | |

ORDERING INFORMATION

Sample Number: FSL503TIB or FSL503TW

| Module | Lumens | CRI/CCT | Options | Colors |
|--------------------------|----------------------------|--|--------------------------|-------------------------|
| FSL = Single Large Flood | 50 = 5800 lumens (nominal) | 3T = Selectable CCT 3000K, 4000K, & 5000K | I = Integrated Photocell | B = Bronze W = White |

PHOTOMETRY



FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE

FSL503 30° Tilt

| Mounting Height | Length (L) | Width (W) | Area (Sq.Ft.) |
|-----------------|------------|-----------|---------------|
| 10 | 40 | 45 | 1414 |
| 15 | 45 | 54 | 1909 |
| 20 | 50 | 50 | 1963 |
| 25 | 50 | 68 | 2670 |

| Series | Voltage | Power (W) | Delivered Lumens (Lm) | Efficacy (Lm/W) | CCT | CRI | Controls |
|-----------|----------|-----------|-----------------------|-----------------|-------------------|-----|----------------------|
| FSL503TB | 120-277V | 51.6 | 5800 | 112.4 | 3000K,4000K,5000K | 82 | None |
| FSL503TW | 120-277V | 51.6 | 5800 | 112.4 | 3000K,4000K,5000K | 82 | None |
| FSL503TIB | 120-277V | 51.6 | 5800 | 112.4 | 3000K,4000K,5000K | 82 | Integrated Photocell |
| FSL503TIW | 120-277V | 51.6 | 5800 | 112.4 | 3000K,4000K,5000K | 82 | Integrated Photocell |