

LED FLOOD LIGHT



FLF MODEL

DESCRIPTION

SOLTECH Flood Lights deliver superior lumen output in a sleek design. Superior color, long life and high efficiency allows this luminaire to outperform traditional HID luminaires. The rugged housing and dedicated LED design offers advanced thermal management and protection against outdoor and semi-outdoor environments. Lighting quality and intensity provides benefits for safety and security.

APPLICATIONS:

The FLF Flood Light features a modular optic system that can be configured to suit a variety of outdoor and semi-outdoor applications, including car dealerships, parks and recreational areas, golf driving ranges, facades and general area illumination. Part of an award-winning outdoor family, the High Output Flood Light can be coordinated with Wall Mount, Flood, Canopy for complete design continuity.

FEATURES

PERFORMANCE:

Rugged die-cast aluminum housing withstands outdoor environments. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Rated IP65 Performance-engineered, integral heat dissipation fins provides superior thermal management for long life and reliability.

Available in varying ranges:

- 15W
- 30W
- 50W

Lumens are from 1,800-6,500 lumens

HOUSING:

ADC12 aluminum heat sink, outdoor powder coat finish, and waterproof design.

FINISHES:

The FLF is available in:

- **BR**= Bronze

PHOTOMETRICS:

Please see page 3 for photometric layouts.

All of our IES files will be available at www.soltechlighting.com

OPTICAL LENS:

Precision-formed optical lens system reduces glare and improves safety and security by delivering high-efficiency illumination with precise optical distribution.



MOUNTING:

The FLF Line Provides one main attachment.

These can be identified in the Model Specification Sheet as:

- **WM** = Wall Mount
- **KN** = Knuckle

ELECTRICAL:

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. Operating temperatures is -40°F-104°F and 100-277V input voltage for increased versatility.

LED:

LUMILEDS(LED), CRI>70, Low degradation adhesive applied to the LED soldering position on the PCB, for added protection.

CERTIFICATIONS:

UL listed, DLC listed. All components used have UL approval.

WARRANTY:

5-year limited warranty. See complete warranty terms for details.

Warranty Guidelines include but are not limited to:

- The original warranty extends to the original buyer
- Light must be used less than 16 hours a day
- Must be in ambient of -40°F to 104°F

ADDITIONAL INFORMATION:

Competitive lumen efficacy of up to 130LM/W.

Operating Temperature:

-40° ~ 104°F, 6KV surge protection.

More information provided at www.soltechlighting.com/support

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SUMMARY

| | |
|--------------------|---|
| HOUSING | ACD12 aluminum heat sink, Outdoor powder coating. |
| VOLTAGE | 100-277V, 50-60Hz AC |
| LED | LumiLEDs |
| EFFICACY | 130 LM/W |
| LUMENS@5000K | 1,800-6,500 lumens |
| POWER FACTOR | >0.9 |
| BEAM ANGLE | 90° X 120° |
| THD | <20% |
| OPERATING TEMP | -40°F-104°F |
| ALUMINUM LED BOARD | High conductive, Waterproof, Aging resistance, Salt mist resistance, Long-life. |
| CONTROLS / DIMMING | Non-Dimmable |
| CCT | 3000K, 4000K and 5000K |
| CRI | >70 |
| RATED LIFE | 70,000 hours |



ENERGY PERFORMANCE DATA

| MODEL | DIMENSION (in) | VOLTAGE (V) | WATT (W -8%~+5%) | LUMENS @ 5000K(Lm) | EFFICACY (Lm/w) |
|--------------|-----------------|-------------|------------------|--------------------|-----------------|
| STLFLF15XYZZ | 6.4X4.4X1.8 in | 100-277 | 15 | 1,800 | 120 |
| STLFLF30XYZZ | 9.0X6.8X2.0 in | 100-277 | 30 | 3,900 | 130 |
| STLFLF50XYZZ | 10.0X8.7X2.0 in | 100-277 | 50 | 6,500 | 130 |

ORDERING INFORMATION:

Sample Number: STLFLF154WMBR

SOLTECH Wall Pack FLF 15 watt, 4000K, Wall mount installation, with a Bronze finish.

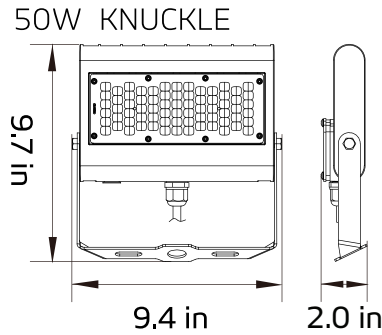
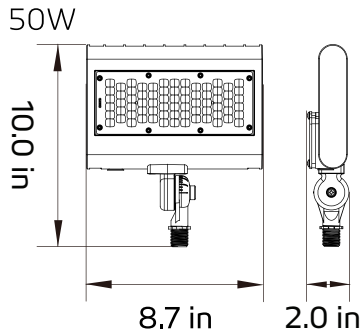
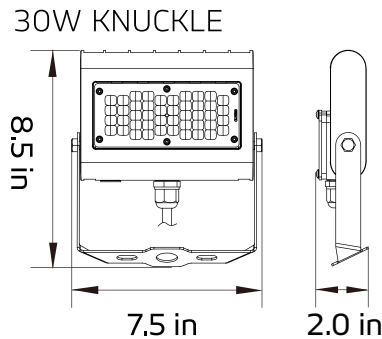
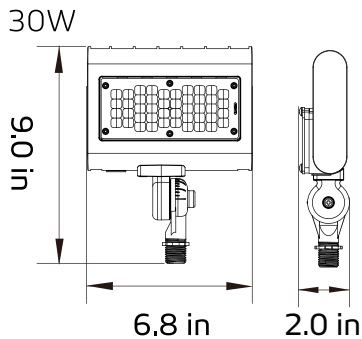
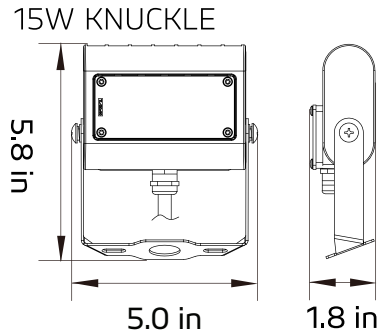
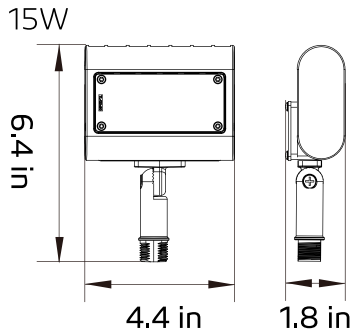
| SERIES | WATT (W -8%~+5%) | COLOR TEMP (X) | MOUNTING OPTIONS (YY) | FINISH (ZZ) | VOLTAGE (V) (Blank) | OPTIC TYPE (Blank) | DIMMING (Blank) |
|--------|------------------|----------------|-----------------------|-------------|---------------------|--------------------|-----------------|
| STLFLF | 15 | 3=3000K | WM=WALL MOUNT | BR=BRONZE | 100-277 | 90° X 120° | Non-Dimmable |
| | 30 | 4=4000K | KN=KNUCKLE | | | | |
| | 50 | 5=5000K | | | | | |

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FLF MODEL

DIMENSIONAL DRAWING



PHOTOMETRICS:

