



| |
|----------------|
| Catalog Number |
| Notes |
| Type |

Contractor Select™ ESXF LED

Floodlights Adjustable+Switchable+Photocell

The Lithonia Lighting® ESXF LED floodlight is a general-purpose flood that offers a wide selection of options and flexibility. Easy access to adjustable lumen output, color switching, and a selectable photocell turns the ESXF into the fixture you need on the spot. With its wide flood (7x7) distribution and DLC performance, the ESXF is a cost-effective solution, great for illuminating yards, driveways, signage, patios, warehouses, and security applications.

FEATURES:

- Five sizes deliver 1,500 up to 50,000 lumens
- Three power levels of adjustable lumen output. Switchable CCT(30K/40K/50K) offers warm, cool and daylight in a single fixture
- Standard photocell can be turned on or off
- IP66 rated, Die-cast aluminum housing
- Two popular mounting options included
- up to 173 LPW



ESXF1 P0 knuckle mount



ESXF1 knuckle mount



ESXF2 knuckle mount



ESXF3 slipfitter mount



ESXF4 slipfitter mount



ESXF5 slipfitter mount



Adjustable Lumen Output ALO



Switchable CCT SWW2



Dusk-to-Dawn Operation PE



| Catalog Number | Adjustable Lumen Output ALO | | | Switchable CCT SWW2 | Dusk-to-Dawn Operation PE | Input Voltage | Included Mounting Options | CRI |
|-----------------------------|-----------------------------|--------|--------|-----------------------------------|---|---------------|-----------------------------------|-------|
| ESXF1 P0 SWW2 THK DDB | 2500L | | | Switchable 3000K, 4000K, 5000K | Included Standard, Selectable On/Off | 120-277V | Knuckle Only, mounting plate | 80CRI |
| ESXF1 ALO SWW2 KY DDB | 1500L | 3000L | 5000L | | | 120-277V | Knuckle & Yoke, mounting plate | |
| ESXF2 ALO SWW2 KY DDB | 3500L | 5500L | 7500L | | | 120-277V | Knuckle & Yoke, mounting plate | |
| ESXF3 ALO SWW2 YS DDB | 8500L | 10500L | 14000L | | | 120-277V | Yoke & SlipFitter | |
| ESXF3 ALO SWW2 UVOLT YS DDB | | | | | | 120-347V | Yoke & SlipFitter | |
| ESXF4 ALO SWW2 YS DDB | 16000L | 18000L | 20000L | | | 120-277V | Yoke & SlipFitter | |
| ESXF4 ALO SWW2 UVOLT YS DDB | | | | | | 120-347V | Yoke & SlipFitter | |
| ESXF5 ALO SWW2 UVOLT YS DDB | | | | | | 30000L | 40000L | |
| ESXF5 ALO SWW2 XVOLT YS DDB | 30000L | 40000L | 50000L | | | 277-480V | Yoke & SlipFitter | |

More configurations are available. [Click here](#) or visit www.acuitybrands.com and search for ESXF LED.

ESXF Stock Configurations

| Catalog Number | UPC | Ci Code | Number of fixtures per pallet | Traditional Replacement |
|-----------------------------|----------------|---------|-------------------------------|-------------------------|
| ESXF1 P0 SWW2 THK DDB | 00196182393051 | *276AL6 | 400 | 150W Quartz or 75W HID |
| ESXF1 ALO SWW2 KY DDB | 00196182393204 | *276ALH | 400 | 500W Quartz or 150W HID |
| ESXF2 ALO SWW2 KY DDB | 00196182393242 | *276ALU | 360 | 500W Quartz or 175W HID |
| ESXF3 ALO SWW2 YS DDB | 00196182393266 | *276ALW | 144 | 250W HID |
| ESXF3 ALO SWW2 UVOLT YS DDB | 00196182393273 | *276AM0 | 144 | 250W HID |
| ESXF4 ALO SWW2 YS DDB | 00196182393280 | *276AM2 | 144 | 400W HID |
| ESXF4 ALO SWW2 UVOLT YS DDB | 00196182393297 | *276AM4 | 144 | 400W HID |
| ESXF5 ALO SWW2 UVOLT YS DDB | 00197589243710 | *283G2F | 32 | 1000W HID |
| ESXF5 ALO SWW2 XVOLT YS DDB | 00197589243734 | *283G2G | 32 | 1000W HID |

Accessories: Order as separate catalog number.

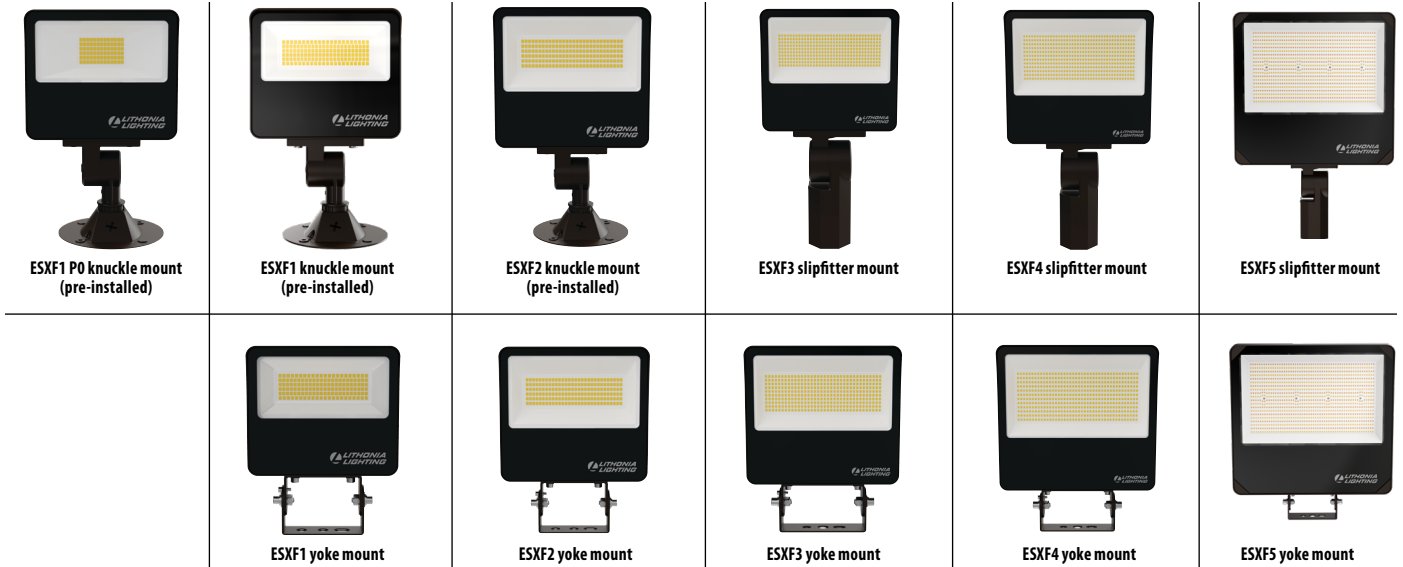
ESXF P0 and ESXF1 yoke mount accessory
*276ARA ESXF1YK DDB

ESXF5 upper/bottom visor accessory
*283G2K ESXF5UBV DDB

[Click here to visit Additional mounting brackets.](#)



Included mounting options by size



Electrical Performance Tables

| | Lumen Output | Input Wattage | CCT/80CRI | Delivered Lumens | Lumens Per Watt @ 4000K, 80CRI |
|----------|--------------|---------------|-----------|------------------|--------------------------------|
| ESXF1 P0 | 2,500L | 17W | 3000K | 2,372 | 151 |
| | | | 4000K | 2,522 | |
| | | | 5000K | 2,503 | |
| ESXF1 | 1,500L | 9W | 3000K | 1,467 | 171 |
| | | | 4000K | 1,560 | |
| | | | 5000K | 1,549 | |
| | 3,000L | 19W | 3000K | 2,915 | 162 |
| | | | 4000K | 3,099 | |
| | | | 5000K | 3,076 | |
| 5,000L | 34W | 3000K | 4,748 | 147 | |
| | | 4000K | 5,047 | | |
| | | 5000K | 5,010 | | |

| | Lumen Output | Input Wattage | CCT/80CRI | Delivered Lumens | Lumens Per Watt @ 4000K, 80CRI |
|-------|--------------|---------------|-----------|------------------|--------------------------------|
| | 8,500L | 53W | 3000K | 8,139 | 163 |
| | | | 4000K | 8,653 | |
| | | | 5000K | 8,589 | |
| ESXF3 | 10,500L | 69W | 3000K | 10,156 | 156 |
| | | | 4000K | 10,797 | |
| | | | 5000K | 10,718 | |
| | 14,000L | 100W | 3000K | 13,609 | 145 |
| | | | 4000K | 14,469 | |
| | | | 5000K | 14,362 | |

| | Lumen Output | Input Wattage | CCT/80CRI | Delivered Lumens | Lumens Per Watt @ 4000K, 80CRI |
|-------|--------------|---------------|-----------|------------------|--------------------------------|
| | 3,500L | 22W | 3000K | 3,377 | 163 |
| | | | 4000K | 3,591 | |
| | | | 5000K | 3,564 | |
| ESXF2 | 5,500L | 37W | 3000K | 5,315 | 151 |
| | | | 4000K | 5,651 | |
| | | | 5000K | 5,609 | |
| | 7,500L | 56W | 3000K | 7,223 | 137 |
| | | | 4000K | 7,680 | |
| | | | 5000K | 7,623 | |

| | Lumen Output | Input Wattage | CCT/80CRI | Delivered Lumens | Lumens Per Watt @ 4000K, 80CRI |
|-------|--------------|---------------|-----------|------------------|--------------------------------|
| | 16,000L | 111W | 3000K | 15,508 | 148 |
| | | | 4000K | 16,487 | |
| | | | 5000K | 16,366 | |
| ESXF4 | 18,000L | 124W | 3000K | 17,274 | 148 |
| | | | 4000K | 18,365 | |
| | | | 5000K | 18,230 | |
| | 20,000L | 150W | 3000K | 19,583 | 139 |
| | | | 4000K | 20,819 | |
| | | | 5000K | 20,666 | |

| | Lumen Output | Input Wattage | CCT/80CRI | Delivered Lumens | Lumens Per Watt @ 4000K, 80CRI |
|-------------|--------------|---------------|-----------|------------------|--------------------------------|
| ESXF5 UVOLT | 30,000L | 184 | 3000K | 28,596 | 173 |
| | | 177 | 4000K | 30,577 | |
| | | 184 | 5000K | 30,447 | |
| | 40,000L | 259 | 3000K | 38,079 | 168 |
| | | 247 | 4000K | 41,402 | |
| | | 259 | 5000K | 40,513 | |
| | 50,000L | 341 | 3000K | 46,678 | 161 |
| | | 322 | 4000K | 51,691 | |
| | | 342 | 5000K | 49,741 | |

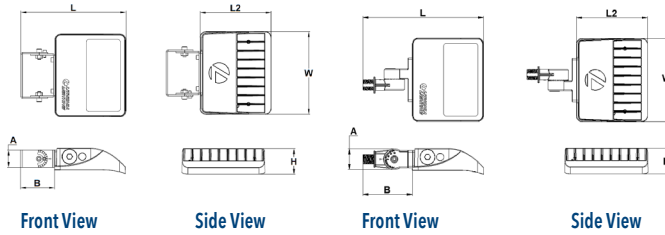
| | Lumen Output | Input Wattage | CCT/80CRI | Delivered Lumens | Lumens Per Watt @ 4000K, 80CRI |
|-------------|--------------|---------------|-----------|------------------|--------------------------------|
| ESXF5 XVOLT | 30,000L | 193 | 3000K | 29,949 | 173 |
| | | 185 | 4000K | 32,085 | |
| | | 192 | 5000K | 31,852 | |
| | 40,000L | 264 | 3000K | 38,777 | 168 |
| | | 250 | 4000K | 42,160 | |
| | | 262 | 5000K | 41,321 | |
| | 50,000L | 336 | 3000K | 46,644 | 163 |
| | | 316 | 4000K | 51,513 | |
| | | 334 | 5000K | 49,654 | |



Dimensions

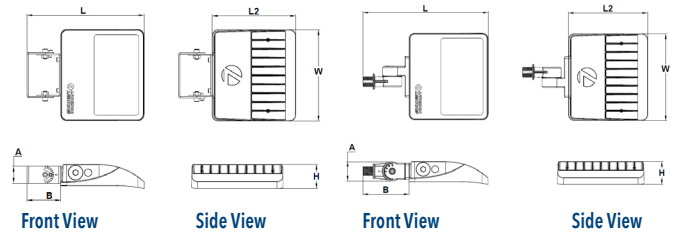
All dimensions are inches (centimeters) unless otherwise indicated.

ESXF1



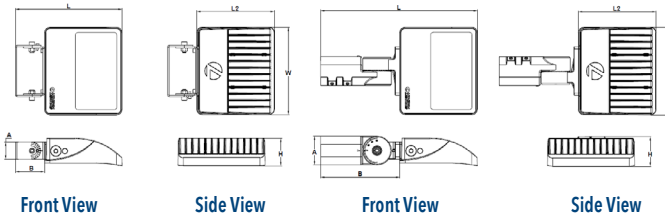
| Luminaire | Length (L) | Width (W) | Height (H) | Yoke/Knuckle | | L2 | Weight |
|------------------------------------|----------------|----------------|---------------|---------------|---------------|----------------|---------------------|
| | | | | A (Height) | B (Length) | | |
| Dimensions in inches (centimeters) | | | | | | | |
| ESXF1 SWW2 ALO KY (Yoke) | 7.65" (27.8cm) | 6.04" (15.4cm) | 1.86" (4.7cm) | 1.26" (3.2cm) | 2.48" (6.3cm) | 5.17" (13.2cm) | 2.31 lbs (1.048 kg) |
| ESXF1 SWW2 PO/ALO KY (Knuckle) | 8.77" (22.3cm) | 6.04" (15.4cm) | 1.86" (4.7cm) | 1.5" (3.8cm) | 3.59" (9.1cm) | 5.17" (13.2cm) | 2.17 lbs (0.986 kg) |

ESXF2



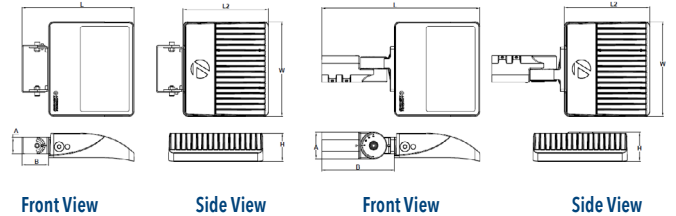
| Luminaire | Length (L) | Width (W) | Height (H) | Yoke/Knuckle | | L2 | Weight |
|------------------------------------|----------------|----------------|--------------|---------------|---------------|----------------|---------------------|
| | | | | A (Height) | B (Length) | | |
| Dimensions in inches (centimeters) | | | | | | | |
| ESXF2 SWW2 ALO KY (Yoke) | 8.64" (21.9cm) | 6.75" (17.1cm) | 1.8" (4.6cm) | 1.26" (3.2cm) | 2.48" (6.3cm) | 6.16" (15.6cm) | 2.92 lbs (1.324 kg) |
| ESXF2 SWW2 ALO KY (Knuckle) | 9.75" (24.8cm) | 6.75" (17.1cm) | 1.8" (4.6cm) | 1.5" (3.8cm) | 3.59" (9.1cm) | 6.16" (15.6cm) | 2.79 lbs (1.264 kg) |

ESXF3



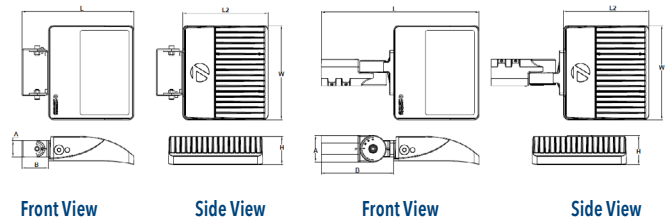
| Luminaire | Length (L) | Width (W) | Height (H) | Yoke/Knuckle | | L2 | Weight |
|------------------------------------|-----------------|----------------|---------------|---------------|----------------|----------------|---------------------|
| | | | | A (Height) | B (Length) | | |
| Dimensions in inches (centimeters) | | | | | | | |
| ESXF3 SWW2 ALO YS (Yoke) | 10.54" (26.8cm) | 8.95" (22.7cm) | 2.84" (7.2cm) | 1.77" (4.5cm) | 2.99" (7.6cm) | 7.97" (20.2cm) | 6.21 lbs (2.818 kg) |
| ESXF3 SWW2 ALO YS (Slipfitter) | 16.07" (40.8cm) | 8.95" (22.7cm) | 3.04" (7.7cm) | 2.95" (7.5cm) | 8.11" (20.6cm) | 7.97" (20.2cm) | 6.48 lbs (2.938 kg) |

ESXF4



| Luminaire | Length (L) | Width (W) | Height (H) | Yoke/Knuckle | | L2 | Weight |
|------------------------------------|-----------------|-----------------|---------------|---------------|----------------|----------------|---------------------|
| | | | | A (Height) | B (Length) | | |
| Dimensions in inches (centimeters) | | | | | | | |
| ESXF4 SWW2 ALO YS (Yoke) | 12.54" (31.8cm) | 10.54" (26.8cm) | 3.12" (7.9cm) | 1.77" (4.5cm) | 2.99" (7.6cm) | 9.55" (24.3cm) | 8.17 lbs (3.706 kg) |
| ESXF4 SWW2 ALO YS (Slipfitter) | 17.66" (44.8cm) | 10.54" (26.8cm) | 3.22" (8.2cm) | 2.95" (7.5cm) | 8.11" (20.6cm) | 9.55" (24.3cm) | 8.43 lbs (3.824 kg) |

ESXF5

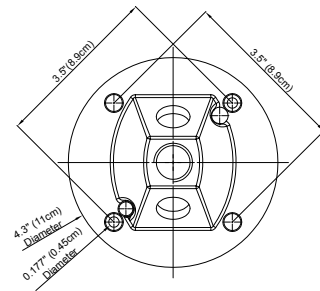


| Luminaire | Length (L) | Width (W) | Height (H) | Yoke/Knuckle | | L2 | Weight |
|------------------------------------|------------|-----------|------------|--------------|------------|----------------|------------------|
| | | | | A (Height) | B (Length) | | |
| Dimensions in inches (centimeters) | | | | | | | |
| ESXF5 SWW2 ALO YS (Yoke) | 18.6" | 16" | 3.5" | 3" | 1.77" | 15.6" (39.5cm) | 19 lbs (8.62 kg) |
| ESXF5 SWW2 ALO YS (Slipfitter) | 24.5" | 16" | 3.5" | 8.11" | 5" | 15.6" (39.5cm) | 20 lbs (9.07 kg) |



EPA Data

| | Angle of Tilt | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° |
|-------|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| ESXF1 | Project Area(ft ²) | 0.078 | 0.114 | 0.15 | 0.183 | 0.21 | 0.231 | 0.246 | 0.25 | 0.25 | 0.25 |
| | EPA(ft ²) | 0.0936 | 0.1368 | 0.18 | 0.2196 | 0.252 | 0.2772 | 0.2952 | 0.3 | 0.3 | 0.3 |
| ESXF2 | Project Area(ft ²) | 0.09 | 0.133 | 0.182 | 0.226 | 0.263 | 0.293 | 0.314 | 0.325 | 0.326 | 0.32 |
| | EPA(ft ²) | 0.108 | 0.1596 | 0.2184 | 0.2712 | 0.3156 | 0.3516 | 0.3768 | 0.39 | 0.3912 | 0.384 |
| ESXF3 | Project Area(ft ²) | 0.23 | 0.285 | 0.383 | 0.471 | 0.548 | 0.608 | 0.65 | 0.673 | 0.674 | 0.66 |
| | EPA(ft ²) | 0.276 | 0.342 | 0.4596 | 0.5652 | 0.6576 | 0.7296 | 0.78 | 0.8076 | 0.8088 | 0.792 |
| ESXF4 | Project Area(ft ²) | 0.23 | 0.365 | 0.494 | 0.609 | 0.707 | 0.785 | 0.84 | 0.869 | 0.87 | 0.81 |
| | EPA(ft ²) | 0.276 | 0.438 | 0.5928 | 0.7308 | 0.8484 | 0.942 | 1.008 | 1.0428 | 1.044 | 0.972 |
| ESXF5 | Project Area(ft ²) | 0.4 | 0.5 | 0.79 | 1.09 | 1.36 | 1.61 | 1.8 | 1.94 | 2.01 | 2.01 |
| | EPA(ft ²) | 0.48 | 0.6 | 0.948 | 1.308 | 1.632 | 1.932 | 2.16 | 2.328 | 2.412 | 2.412 |



*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.



Specifications

INTENDED USE:

The ESXF LED floodlight is designed to provide a cost effective, energy-efficient solution for the one-for-one replacement of existing traditional sources ranging from 150W quartz up to 1000W metal halide. ESXF is well suited for general illumination of parking lots, signage, yards, walkways, landscaping, and other floodlighting applications. ESXF luminaires deliver a uniform, wide flood 7x7 light distribution.

CONSTRUCTION:

The ESXF LED floodlight features sealed die-cast aluminum body and is IP66 listed to withstand moisture and the elements for years to come.

ELECTRICAL:

ESXF features adjustable lumen output include, low, medium, and high. (ESXF P0 static only). Switchable CCT includes between 3000K(warm), 4000K(neutral) or 5000K(daylight) and a selectable dusk to dawn photocell that automatically turns the fixture on in the evening and off the next morning.

Standard 6kV surge protection tested in accordance to ANSI/IEEE C62.41.2) Category C. ESXF LED luminaires use MVOLT (120-277V) as well as UVOLT (120-347V) or XVOLT (277-480V) on select models. Adjustable lumen output is achieved with 0-10V continuous dimming capable drivers, ensuring system power factor >90% and THD <20%. L90 ≥ 36,000 hours at 25C ambient. 25C ambient is the max operating temperature.

INSTALLATION:

ESXF1 and ESXF2 ship with ½ NPS threaded knuckle mount factory installed and can be mounted to conduit bodies or to 4" electrical boxes using the provided round mounting plate. Yoke mounts can be easily changed in the field to mount to any solid surfaces (ESXF1 P0 yoke purchased separately).

ESXF3, ESXF4, and ESXF5 include a yoke mounting for solid surface mounting and an integral slipfitter that mates with standard 2 3/8" tenons for pole-top mounting. All models ship standard with 18" SO cord.

LISTINGS:

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. Rated for -40°C minimum ambient.

WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



Factory settings
Lumen Output: High
CCT: 4000K
Photocell: On