



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:

- Four sizes deliver 1,500 up to 20,000 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 selected too on/off
- IP66 Rated-Corrosion resistance aluminum housing
- Popular mounting options included
- DLC Certified-Rebate Eligible
- up to 171 LPW



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	

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

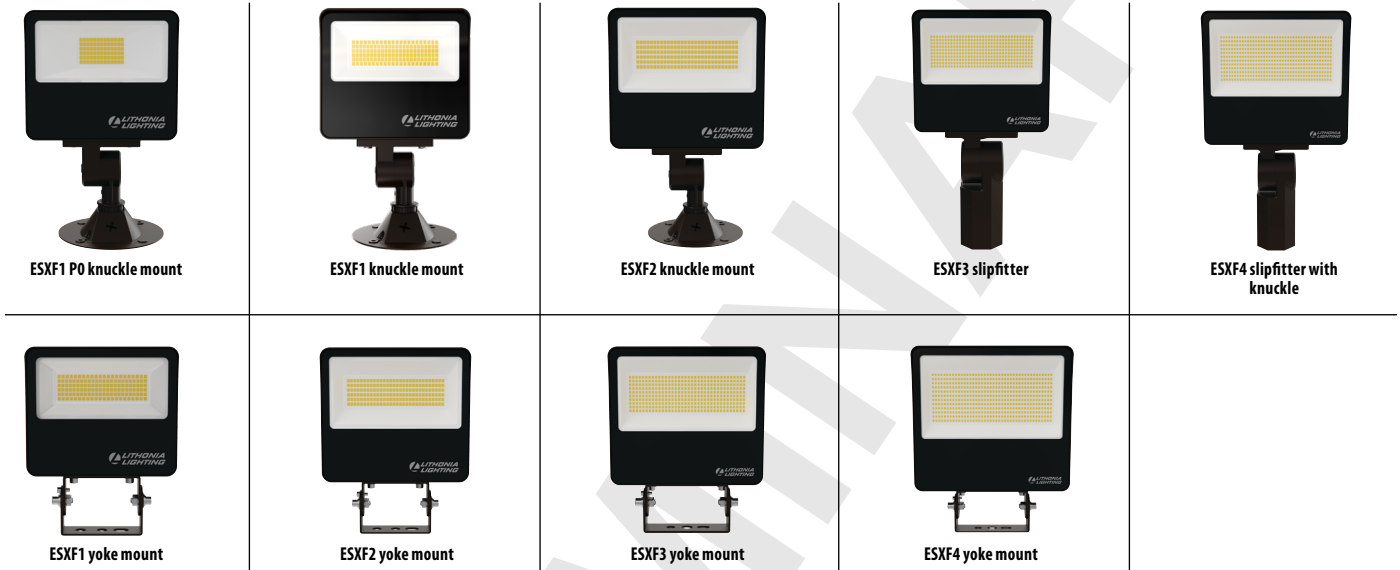
### ESXF Stock Configurations

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

**Accessories:** Order as separate catalog number.  
ESXF P0 and ESXF1 yoke mount accessory  
\*276ARA ESXF1YK DDB  
[Click here to visit Accessories.](#)



### Included ESXF mountings by size



### Electrical Performance Tables

	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
ESXF1 P0	2500L	17W	3000K	2,372	151
			4000K	2,522	
			5000K	2,503	
ESXF1	1500L	9W	3000K	1,467	171
			4000K	1,560	
			5000K	1,549	
	3000L	19W	3000K	2,915	162
			4000K	3,099	
			5000K	3,076	
5000L	34W	3000K	4,748	147	
		4000K	5,047		
		5000K	5,010		

	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
ESXF3	8500L	53W	3000K	8,139	163
			4000K	8,653	
			5000K	8,589	
	10500L	69W	3000K	10,156	156
			4000K	10,797	
			5000K	10,718	
14000L	100W	3000K	13,609	145	
		4000K	14,469		
		5000K	14,362		

	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
ESXF2	3500L	22W	3000K	3,377	163
			4000K	3,591	
			5000K	3,564	
	5500L	37W	3000K	5,315	151
			4000K	5,651	
			5000K	5,609	
	7500L	56W	3000K	7,223	137
			4000K	7,680	
			5000K	7,623	

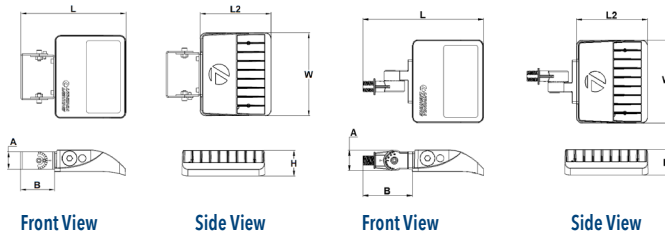
	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
ESXF4	16000L	111W	3000K	15,508	148
			4000K	16,487	
			5000K	16,366	
	18000L	124W	3000K	17,274	148
			4000K	18,365	
			5000K	18,230	
	20000L	150W	3000K	19,583	139
			4000K	20,819	
			5000K	20,666	



## Dimensions

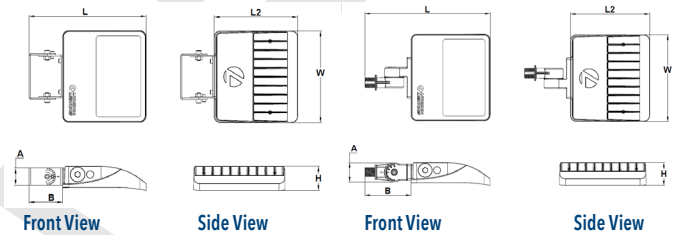
All dimensions are inches (centimeters) unless otherwise indicated.

### ESXF1



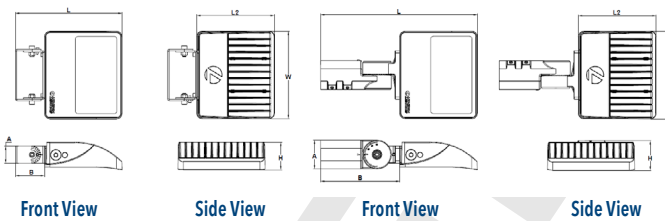
Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
Dimensions in inches (centimeters)							
ESXF1 SWW2 ALO KY (Yoke)	7.65" (27.8cm)	6.04" (15.4cm)	1.86" (4.7cm)	1.26" (3.2cm)	2.48" (6.3cm)	5.17" (13.2cm)	2.31 lbs (1.048 kg)
ESXF1 SWW2 PO/ALO KY (Knuckle)	8.77"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



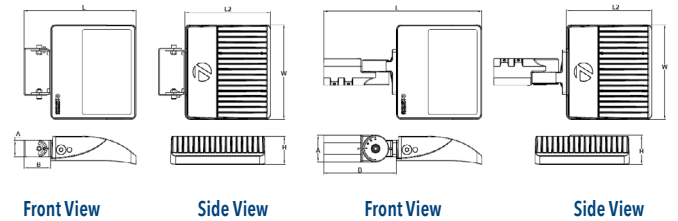
Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
Dimensions in inches (centimeters)							
ESXF2 SWW2 ALO KY (Yoke)	8.64" (21.9cm)	6.75" (17.1cm)	1.8" (4.6cm)	1.26" (3.2cm)	2.48" (6.3cm)	6.16" (15.6cm)	2.92 lbs (1.324 kg)
ESXF2 SWW2 ALO KY (Knuckle)	9.75"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



## 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 400W 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 that can be adjusted from low, medium, and high (ESXF PO static only). CCT choices that can switch between 3000K, 4000K or 5000K and a selectable dusk to dawn photocell that automatically turns the fixture on in the evening and off the next morning which can also be deactivated. All controls are easily accessible from the removable switch cover plate.

ESXF LED luminaires use MVOLT (120-277V) as well as UVOLT (120-347V) on select models, and utilize electronic drivers that are 0-10V, capable of continuous dimming and ensure system power factor >90% and THD <20%.

### INSTALLATION:

ESXF1 and ESXF2 ship with ½ NPT threaded knuckle mount factory installed and can be mounted to conduit bodies or to 4" electrical boxes using the provided round mounting plate. Included yoke mounts can be easily changed in the field to mount to any solid surfaces (ESXF PO, knuckle mount only).

ESXF3 and ESXF4 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.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### 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](http://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



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## Floodlights Adjustable+Switchable+Photocell

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### FEATURES:

- Four sizes deliver 1,500 up to 20,000 lumens
- Three power levels of adjustable lumen output. Switchable CCT(30K/40K/50K) offers warm, cool and daylight in a single fixture
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- up to 171 LPW



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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	
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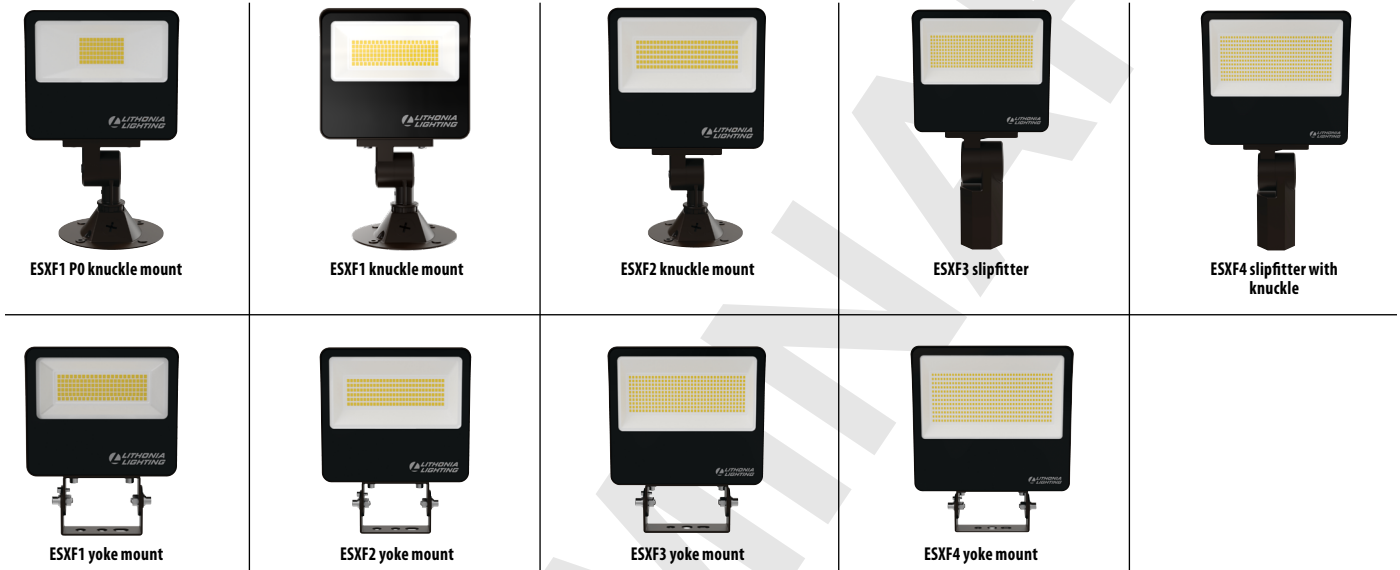
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ESXF3 ALO SWW2 YS DDB	00196182393266	*276ALW	144	250W HID
ESXF3 ALO SWW2 UVOLT YS DDB	00196182393273	*276AM0	144	250W HID
ESXF4 ALO SWW2 YS DDB	00196182393280	*276AM2	144	400W HID
ESXF4 ALO SWW2 UVOLT YS DDB	00196182393297	*276AM4	144	400W HID

**Accessories:** Order as separate catalog number.  
ESXF P0 and ESXF1 yoke mount accessory  
\*276ARA ESXF1YK DDB  
[Click here to visit Accessories.](#)



### Included ESXF mountings by size



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			5000K	3,076	
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			4000K	8,653	
			5000K	8,589	
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			4000K	10,797	
			5000K	10,718	
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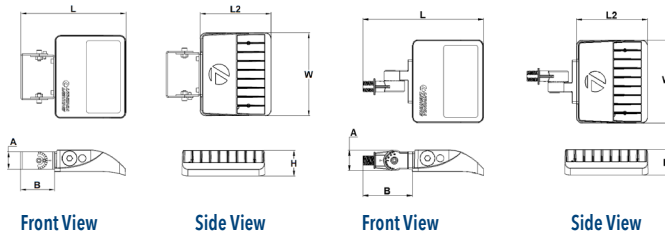
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			5000K	3,564	
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			4000K	5,651	
			5000K	5,609	
ESXF2	7500L	56W	3000K	7,223	137
			4000K	7,680	
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	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
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			4000K	16,487	
			5000K	16,366	
ESXF4	18000L	124W	3000K	17,274	148
			4000K	18,365	
			5000K	18,230	
ESXF4	20000L	150W	3000K	19,583	139
			4000K	20,819	
			5000K	20,666	

## Dimensions

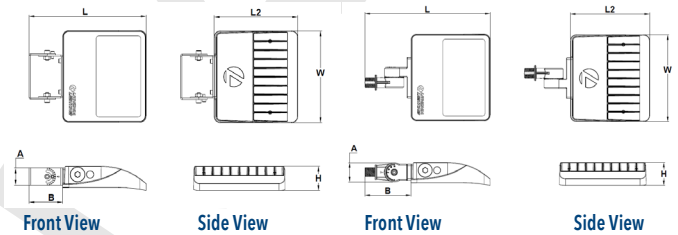
All dimensions are inches (centimeters) unless otherwise indicated.

### ESXF1



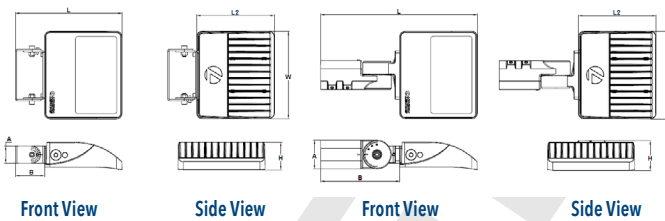
Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
Dimensions in inches (centimeters)							
ESXF1 SWW2 ALO KY (Yoke)	7.65" (27.8cm)	6.04" (15.4cm)	1.86" (4.7cm)	1.26" (3.2cm)	2.48" (6.3cm)	5.17" (13.2cm)	2.31 lbs (1.048 kg)
ESXF1 SWW2 PO/ALO KY (Knuckle)	8.77"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



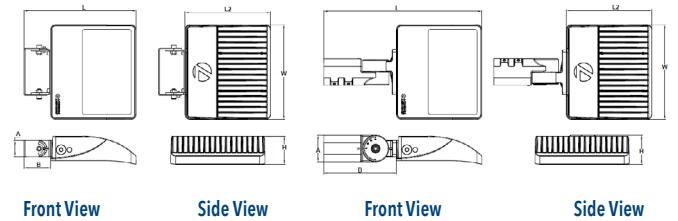
Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
Dimensions in inches (centimeters)							
ESXF2 SWW2 ALO KY (Yoke)	8.64" (21.9cm)	6.75" (17.1cm)	1.8" (4.6cm)	1.26" (3.2cm)	2.48" (6.3cm)	6.16" (15.6cm)	2.92 lbs (1.324 kg)
ESXF2 SWW2 ALO KY (Knuckle)	9.75"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



## 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 400W 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 that can be adjusted from low, medium, and high (ESXF PO static only). CCT choices that can switch between 3000K, 4000K or 5000K and a selectable dusk to dawn photocell that automatically turns the fixture on in the evening and off the next morning which can also be deactivated. All controls are easily accessible from the removable switch cover plate.

ESXF LED luminaires use MVOLT (120-277V) as well as UVOLT (120-347V) on select models, and utilize electronic drivers that are 0-10V, capable of continuous dimming and ensure system power factor >90% and THD <20%.

### INSTALLATION:

ESXF1 and ESXF2 ship with 1/2 NPT threaded knuckle mount factory installed and can be mounted to conduit bodies or to 4" electrical boxes using the provided round mounting plate. Included yoke mounts can be easily changed in the field to mount to any solid surfaces (ESXF PO, knuckle mount only).

ESXF3 and ESXF4 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.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### 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](http://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