Catalog Number	
Notes	
Type	

Contractor Select™

ESXF LED

Floodlights Adjustable+Switchable+Photocell

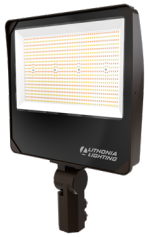

ESXF1 P0 knuckle mount


ESXF1 knuckle mount


ESXF2 knuckle mount


ESXF3 slipfitter mount


ESXF4 slipfitter mount


ESXF5 slipfitter mount

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

Adjustable Lumen Output ALO

Switchable CCT SWW2

Dusk-to-Dawn Operation PE

DLC LISTED · 66 IP RATED · LED · C SA US · WET LOCATION™ · 5 YEAR WARRANTY

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	50000L			120-347V	Yoke & SlipFitter	
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



ESXF1 P0 knuckle mount (pre-installed)



ESXF1 knuckle mount (pre-installed)



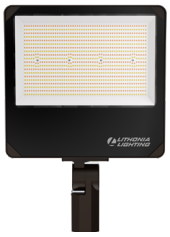
ESXF2 knuckle mount (pre-installed)



ESXF3 slipfitter mount



ESXF4 slipfitter mount



ESXF5 slipfitter mount



ESXF1 yoke mount



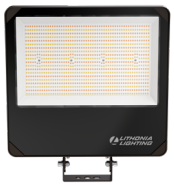
ESXF2 yoke mount



ESXF3 yoke mount



ESXF4 yoke mount



ESXF5 yoke mount

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
ESXF2	3,500L	22W	3000K	3,377	163
			4000K	3,591	
			5000K	3,564	
	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
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
ESXF3	8,500L	53W	3000K	8,139	163
			4000K	8,653	
			5000K	8,589	
	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
ESXF4	16,000L	111W	3000K	15,508	148
			4000K	16,487	
			5000K	16,366	
	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 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	

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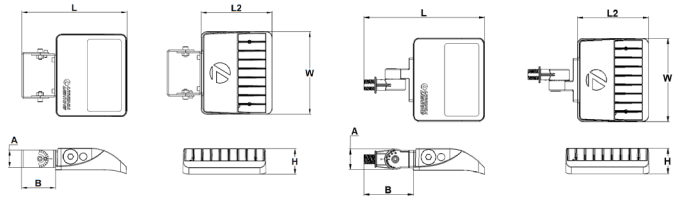
CONTRACTOR SELECT™

LITHONIA LIGHTING

Dimensions

All dimensions are inches (centimeters) unless otherwise indicated.

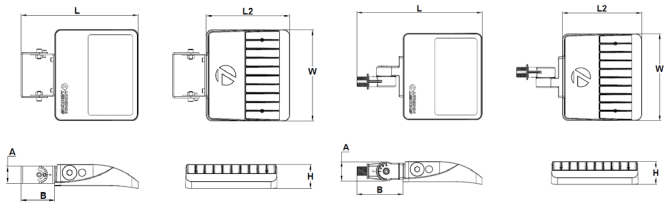
ESXF1



Front View | Side View | Front View | Side View

Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
	Dimensions in inches" (centimeters)						Pounds (kg)
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 P0/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)

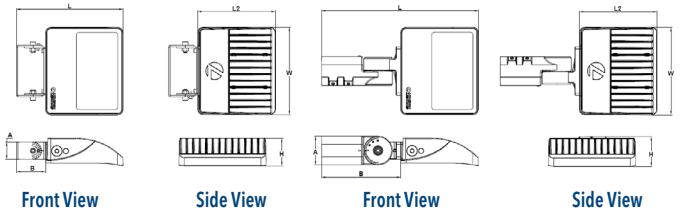
ESXF2



Front View | Side View | Front View | Side View

Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
	Dimensions in inches" (centimeters)						Pounds (kg)
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)

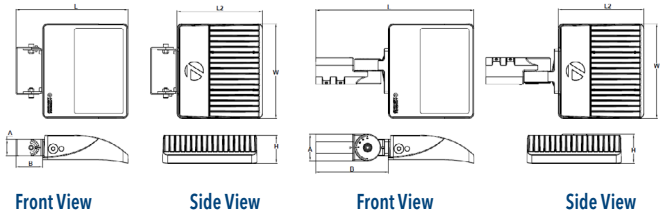
ESXF3



Front View | Side View | Front View | Side View

Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
	Dimensions in inches" (centimeters)						Pounds (kg)
ESXF3 SWW2 ALO YS (Yoke)	10.54" (19.4cm)	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" (7.5cm)	7.97" (20.2cm)	6.48 lbs (2.938 kg)

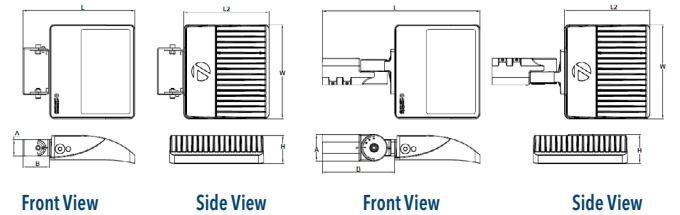
ESXF4



Front View | Side View | Front View | Side View

Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
	Dimensions in inches" (centimeters)						Pounds (kg)
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



Front View | Side View | Front View | Side View

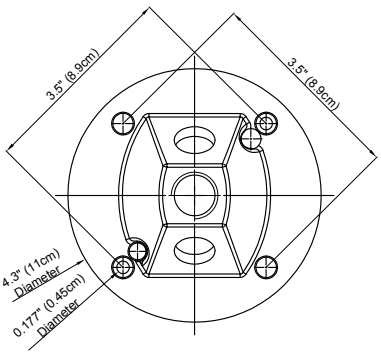
Luminaire	Length (L)	Width (W)	Height (H)	Yoke/Knuckle		L2	Weight
				A (Height)	B (Length)		
	Dimensions in inches" (centimeters)						Pounds (kg)
ESXF5 SWW2 ALO YS (Yoke)	18.6"	16"	3.5"	3"	1.77"	15.6" (39.5cm)	19 lbs (8.62 kg)
ESXF5 SWW2 ALO YS (Slipfitter)	24.5"	16"	3.5"	8.11"	5"	15.6" (39.5cm)	20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

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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.



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Specifications



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

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. The ESXF lens is 4mm tempered glass.

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 luminaries 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.

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. ESXF3 and ESXF4 ship standard with 18" STW cord. ESXF5 ship standard with 5.5' STW 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.

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