

Project		Catalog #		Type	
Prepared by		Notes		Date	



LUMARK

XSF ALL-SELECTABLE FLOOD LIGHT

Floodlight Luminaire

PRODUCT FEATURES & CERTIFICATIONS



DUSK-TO-DAWN



selectable CCT



selectable lumens



SELECTABLE OPTICS



Stock Lighting Solutions



INTERACTIVE MENU

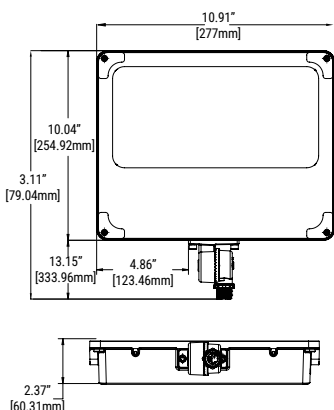
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QUICK FACTS

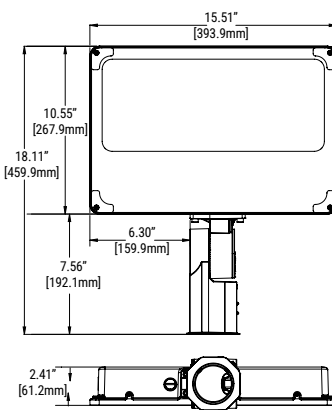
- 144 configurations in each SKU!
- 4 Wattage selectable: 3,960 – 49,600 lumens
- 3 CCT selectable: 3000K-4000K-5000K; 80 CRI
- 3 beam angle selectable switches: NEMA 4x4, 5x5, & 6x6 beam angles
- 2 mounting options included per fixture: Knuckle & Yoke or Slip Fitter & Trunnion
- Selectable Dusk-to-Dawn Photocontrol with On/Off control
- 120-347V; 50/60HZ

DIMENSIONAL DETAILS

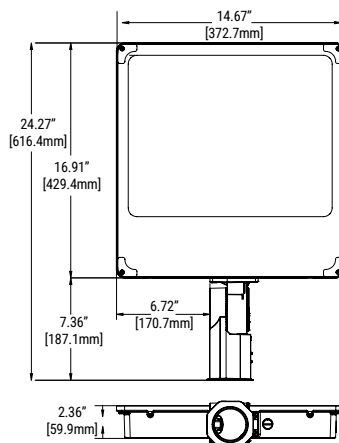
XSF 60W



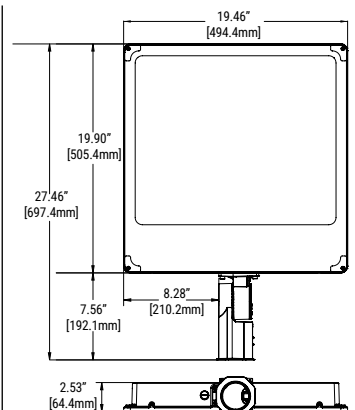
XSF 100W



XSF 200W



XSF 300W



STOCK ORDERING INFORMATION

Model Number	Wattage	Lumens	CCT Selectable	Distribution	Voltage	Controls
XSF60-KNYK-BZ =XSF All-Selectable Flood, 60W, Knuckle & Yoke, Bronze	60W-48W-36W-24W	3,960-9,900 lm	3000K-4000K-5000K / 80 CRI	NEMA 4x4, 5x5, & 6x6 beam angles	120-347V, 50-60 Hz	Selectable Dusk-to-Dawn via Button-type photocontrol
XSF100-SFTR-BZ =XSF All-Selectable Flood, 100W, Slipfitter and Trunnion, Bronze	100W-80W-60W-40W	6,600-16,500 lm				
XSF200-SFTR-BZ =XSF All-Selectable Flood, 200W, Slipfitter and Trunnion, Bronze	200W- 150W-120W-80W	13,200-33,000 lm				
XSF300-SFTR-BZ =XSF All-Selectable Flood, 300W, Slipfitter and Trunnion, Bronze	300W-240W-180W-120W	19,800-49,600 lm				
XSF60-KNYK-BK =XSF All-Selectable Flood, 60W, Knuckle & Yoke, Black	60W-48W-36W-24W	3,960-9,900 lm				
XSF100-SFTR-BK =XSF All-Selectable Flood, 100W, Slipfitter and Trunnion, Black	100W-80W-60W-40W	6,600-16,500 lm				
XSF200-SFTR-BK =XSF All-Selectable Flood, 200W, Slipfitter and Trunnion, Black	200W- 150W-120W-80W	13,200-33,000 lm				
XSF300-SFTR-BK =XSF All-Selectable Flood, 300W, Slipfitter and Trunnion, Black	300W-240W-180W-120W	19,800-49,600 lm				

PRODUCT SPECIFICATIONS

Construction

- Die-cast aluminum housing
- Durable surface powder coating spray
- Fully sealed tempered glass
- Slipfitter size: 2-3/8" tenon

Controls

- Selectable configurations offer internal toggle switches for adjusting lumens, CCT, and distribution.
- Default settings for selectable luminaires are 4000K CCT and maximum lumen output.
- Integrated button-type photocontrol is included for dusk-to-dawn operation.

Electrical

- -40°C minimum operating temperature
- 40°C maximum operating temperature
- >.9 power factor
- <20% total harmonic distortion
- Class 2 driver incorporates internal fusing designed to withstand 4kV surge
- 0-10V dimming driver standard

Mounting

- Knuckle
- Slipfitter
- Trunnion
- Yoke

Finish

- Bronze
- Black

Typical Applications

- Facade
- Wall washing
- Landscape lighting
- Building lighting
- Sign lighting
- Commercial lighting

Shipping Data

- XSF60-KNYK: 29.5x15.4x11.4 in 4 units/carton
Approx weight per carton: 28 lbs
- XSF100-SFTR: 20.5x18.5x11.4 2 units/carton
Approx weight per carton: 26 lbs
- XSF200-SFTR: 26.7x18.9x11.4 2 units/carton
Approx weight per carton: 35 lbs
- XSF300-SFTR: 29.5x22.8x11.4 2 units/carton
Approx weight per carton: 48 lbs

Warranty

- Five-year limited warranty. Consult website for details. www.cooperlighting.com/legal

Mounting Configurations and EPA Values

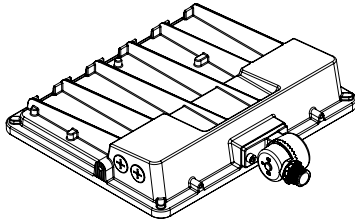
Configuration	Orientation	Mounting	EPA (ft²)
60W	0 degree	Yoke Mount	0.24
		Knuckle Mount	0.23
100W	0 degree	Slipfitter Mount	0.4
		Trunnion Mount	0.31
200W	0 degree	Slipfitter Mount	0.42
		Trunnion Mount	0.35
300W	0 degree	Slipfitter Mount	0.47
		Trunnion Mount	0.44
60W	45 degree	Yoke Mount	0.82
		Knuckle Mount	0.83
100W	45 degree	Slipfitter Mount	1.32
		Trunnion Mount	1.2
200W	45 degree	Slipfitter Mount	2.4
		Trunnion Mount	1.68
300W	45 degree	Slipfitter Mount	2.54
		Trunnion Mount	0.44
60W	90 degree	Yoke Mount	1.02
		Knuckle Mount	1.03
100W	90 degree	Slipfitter Mount	1.51
		Trunnion Mount	1.39
200W	90 degree	Slipfitter Mount	2.29
		Trunnion Mount	2.2
300W	90 degree	Slipfitter Mount	3.3
		Trunnion Mount	3.18

MOUNTING DETAILS

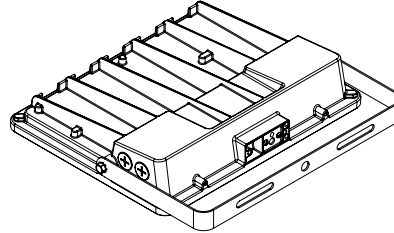
Mounting Types

XSF 60W

Knuckle Mount

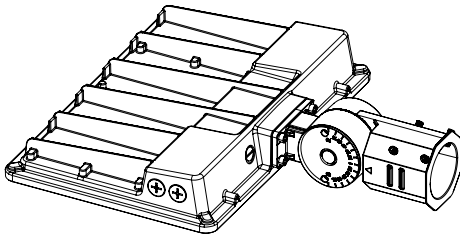


Yoke Mount

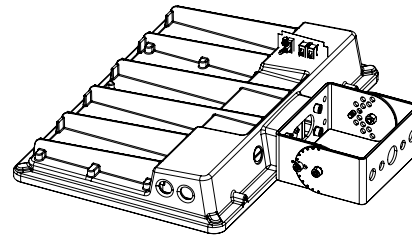


XSF 100W

Slipfitter Mount

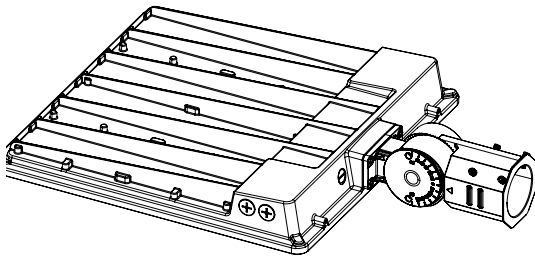


Trunnion Mount

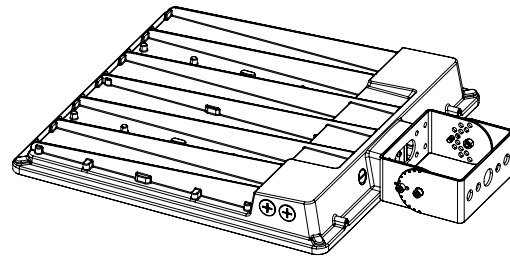


XSF 200W

Slipfitter Mount

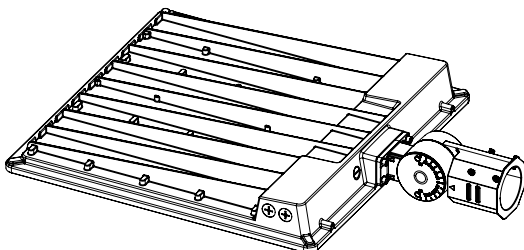


Trunnion Mount

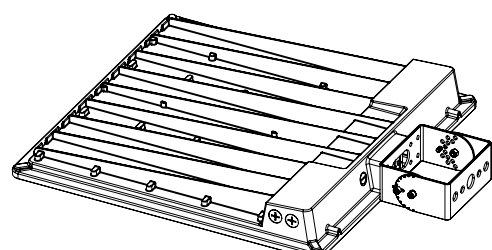


XSF 300W

Slipfitter Mount



Trunnion Mount



ENERGY AND PERFORMANCE DATA

Power and Lumens

CCT Setting	Lumen Setting	4HX4V											
		60W-48W-36W-24W			100W-80W-60W-40W			200W-150W-120W-80W			300W-240W-180W-120W		
		Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy
3000K	100%	9,225	63	146	16,420	109	151	31,194	201	155	45,921	311	148
	80%	7,347	47	156	13,351	86	155	25,172	155	162	37,449	239	157
	60%	5,578	36	155	10,383	66	157	19,513	119	164	28,993	183	158
	40%	3,943	25	158	7,155	45	159	13,290	81	164	19,906	124	161
4000K	100%	9,501	63	151	16,748	109	154	32,410	201	161	47,757	311	154
	80%	7,567	47	161	13,618	86	158	26,153	155	169	38,946	239	163
	60%	5,745	36	160	10,590	66	160	20,274	119	170	30,152	183	165
	40%	4,061	25	162	7,298	45	162	13,808	81	170	20,702	124	167
5000K	100%	9,778	63	155	16,912	109	155	33,003	201	164	48,079	311	155
	80%	7,787	47	166	13,751	86	160	26,631	155	172	39,209	239	164
	60%	5,912	36	164	10,694	66	162	20,644	119	173	30,355	183	166
	40%	4,179	25	167	7,369	45	164	14,060	81	174	20,841	124	168

CCT Setting	Lumen Setting	5HX5V											
		60W-48W-36W-24W			100W-80W-60W-40W			200W-150W-120W-80W			300W-240W-180W-120W		
		Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy
3000K	100%	9409	63	149	17011	109	156	31817	201	158	47445	311	153
	80%	7493	47	159	13831	86	161	25675	155	166	38692	239	162
	60%	5689	36	158	10756	66	163	19903	119	167	29955	183	164
	40%	4021	25	161	7412	45	165	13555	81	167	20566	124	166
4000K	100%	9691	63	154	17351	109	159	33058	201	164	49343	311	159
	80%	7718	47	164	14108	86	164	26676	155	172	40239	239	168
	60%	5860	36	163	10971	66	166	20679	119	174	31153	183	170
	40%	4142	25	166	7560	45	168	14084	81	174	21389	124	172
5000K	100%	9974	63	158	17521	109	161	33663	201	167	49675	311	160
	80%	7943	47	169	14246	86	166	27164	155	175	40510	239	169
	60%	6030	36	168	11079	66	168	21057	119	177	31363	183	171
	40%	4263	25	171	7634	45	170	14342	81	177	21533	124	174

CCT Setting	Lumen Setting	6HX6V											
		60W-48W-36W-24W			100W-80W-60W-40W			200W-150W-120W-80W			300W-240W-180W-120W		
		Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy
3000K	100%	9243	63	147	16305	109	150	30819	201	153	45966	311	148
	80%	7361	47	157	13257	86	154	24869	155	160	37486	239	157
	60%	5589	36	155	10310	66	156	19278	119	162	29021	183	159
	40%	3950	25	158	7104	45	158	13130	81	162	19925	124	161
4000K	100%	9520	63	151	16631	109	153	32021	201	159	47805	311	154
	80%	7582	47	161	13522	86	157	25839	155	167	38985	239	163
	60%	5756	36	160	10516	66	159	20030	119	168	30182	183	165
	40%	4069	25	163	7247	45	161	13642	81	168	20722	124	167
5000K	100%	9798	63	156	16794	109	154	32607	201	162	48127	311	155
	80%	7803	47	166	13655	86	159	26312	155	170	39248	239	164
	60%	5924	36	165	10619	66	161	20397	119	171	30386	183	166
	40%	4187	25	167	7318	45	163	13892	81	172	20862	124	168

Lumen Maintenance

Configuration	Ambient Temperature	TM-21 Lumen Maintenance (50,000 hrs)	Reported L70 (hrs)
Up to 60W	40°C	88.34%	>90,000
Up to 100W	40°C	88.34%	>90,000
Up to 200W	40°C	87.37%	>90,000
Up to 300W	40°C	87.12%	>90,000