



Architectural Flood (XFLM)

Outdoor Flood Light



OVERVIEW

Lumen Package (lm)	3,000 - 7,000
Wattage Range (W)	36 - 64
Efficacy Range (LPW)	90 - 125
Weight lbs (kg)	18 (8.2)

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Architecturally styled, one-piece, die-cast aluminum, 360 alloy, low copper housing with .156" nominal wall thickness
- A one-piece vulcanized silicone gasket seals the door frame to the housing and is concealed when fixture is closed.
- One-piece, die-cast aluminum, 360 alloy, low copper, .156" nominal wall thickness door frame secures to housing via four, stainless steel recessed captive torx T-30 screws
- 3/16" thick clear tempered glass lens is sealed to door frame by a one-piece silicone gasket and ten black zinc plated clips.
- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.
- Luminaire is proudly manufactured and tested in the U.S.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.

Optical System

- Choice of 6 high performance distributions; HF, VF, MF, NF, WF, or SP

- Flood Optic lens is made of optical grade acrylic for increased efficiency and optical precision.
- Available in 5000K (70 CRI), 4000K (80 CRI), and 3500K (80 CRI) color temperatures per ANSI C78.377.

Electrical

- Optional 0-10V dimming (10% - 100%).
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards.
- Operating temperature: -40°C to +40°C (-40°F to +104°F).
- Drivers feature two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C, 10KV.

Installation

- Standard mount is a heavy duty die cast knuckle assembly with 3/4-14 NPS male threaded arm that provides 185° range of motion.
- Knuckle locking plate teeth and arm allow for tilt / aiming in 7.5° increments. Aiming

angle markings in 15° increments allow reliable error free aiming.

- Standard knuckle mount tested to withstand up to 3G vibration load rating per ANSI C136.31.
- Optional YM- Yoke Mount is also available.
- Mounting accessories include Stanchion Mount, Post-Top Adapter, Junction Box, & Wall Mount for recessed or surface mount applications.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.



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Type: _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: XFLM SP LED 28 HO NW UE BRZ PC120								
Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature/Rendering	Line Voltage	Finish	Options
XFLM - Architectural Flood	HF - Horizontal Flood MF - Medium Flood VF - Vertical Flood SP - Spot NF - Narrow Flood WF - Wide Flood	LED	28 49	HO - High Output	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3500K)	UNV - 120 - 277V HV - 347-480V ⁴	BRZ - Dark Bronze BLK - Black GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green	PC1120 - 120V Photocontrol PC1HV - 208V - 277V Photocontrol PC1347 - 347V Photocontrol YM - Yoke Mount DIM - 0-10V Dimming

BRACKET ORDERING INFORMATION

Bracket Designation	Bracket Type	Bracket Configuration	Length	Finish	Options	Est. Weight (lbs.)
BKA - Bracket Aluminum	XFLM - Architectural Flood	SMC - Stanchion Mount	23"	BRZ - Dark Bronze	None	7
		J4R WM - Wall Mount	4"	BLK - Black		2
		J4R WM SCE - Wall Mount Side Conduit Entry		GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green		



Need more information?
Click here for our glossary

Have additional questions?

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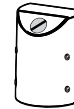


ACCESSORY ORDERING INFORMATION

(Accessories are field installed)

Part Number	Description
122534CLR	JB - Junction Box
122540CLR	GS - Glare Shield
122542CLR	PT - Post Top Adaptor
122543	TA - Thread Adaptor 1/2" (No Finish)

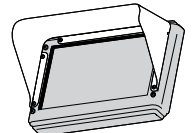
POST TOP ADAPTOR (PT) - One-piece cast aluminum - mounts on pole with 2" pipe tenon (2-3/8" OD x 3-1/2" minimum length) or 2-1/2" pipe tenon (2-7/8" OD x 3-1/2" minimum length). Fixture threads into adaptor and attaches to pole with allen set screws. Post Top Adaptor allows mounting of one or two fixtures and 360° horizontal adjustment. Available in standard finishes.



1/2" THREADED ADAPTOR (TA) - Machined aluminum pipe reducer adapts 3/4" pipe thread (T-stem) to 1/2" pipe thread provided by others.

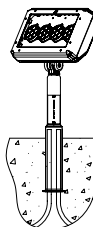


GLARE SHIELD (GS) - Formed 16 ga. steel. Mounts to die-cast door frame holes and may be used with polycarbonate shield accessory. Available in standard finishes.

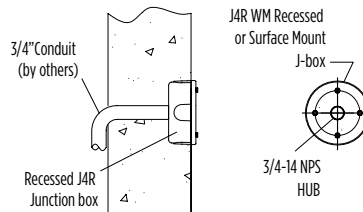


MOUNTING BRACKETS

STANCHION MOUNT (SMC) - 3" OD x .250" x 22.65" cast aluminum with 3/4" NPSM fixture mount, and a standard 2 3/8" tenon. Wiring and internal ground lug accessible through hand hole. Available in standard finishes.



WALL MOUNT J-BOX (J4 WM or J4R WM SCE) - Accessory includes J4R J-Box, 507504 3/4-14 NPS canopy, canopy gasket, & 4 cap screws. J4R WM SCE version for surface mount conduit applications includes 2ea 1/2" conduit entries & includes conduit plugs.



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PERFORMANCE

Delivered Lumens												
# of LEDs	Distribution	NEMA Type	WW - 3500K CCT (80 CRI)			NW - 4000K CCT (80 CRI)			CW - 5000K CCT (70 CRI)			Wattage
			Delivered Lumens	Efficacy	Max CD	Delivered Lumens	Efficacy	Max CD	Delivered Lumens	Efficacy	Max CD	
28	HF	5H X 3V	2,487	69	8,402	3,114	87	10,178	3,717	103	11,456	36
	MF	4H X 4V	2,470	69	6,602	3,002	83	8,413	3,732	104	9,650	
	WF	5H X 5V	2,370	66	4,728	3,081	86	5,680	3,407	95	5,572	
	VF	3H X 5V	2,439	68	8,104	3,155	88	9,913	3,678	102	11,181	
	NF	3H X 3V	2,294	64	10,842	2,979	83	13,882	4,149	115	15,904	
	SP	3H X 3V	3,191	89	24,825	3,473	96	29,965	4,501	125	34,100	
49	HF	5H X 3V	3,921	61	13,770	5,580	87	17,612	6,584	103	19,801	64
	MF	4H X 4V	3,920	61	10,724	5,175	81	13,260	6,573	103	16,753	
	WF	5H X 5V	3,894	61	7,415	5,283	83	9,403	5,744	90	9,912	
	VF	3H X 5V	4,260	67	13,997	5,197	81	17,306	6,548	102	18,627	
		4H X 4V	4,145	65	19,038	5,671	89	23,703	6,298	98	24,681	
	SP	3H X 3V	4,719	74	44,216	5,883	92	51,690	6,986	109	51,976	

*LEDs are frequently updated therefore values are nominal.

Electrical Data							
Lumens	120V	208V	240V	277V	347V	480V	
28	0.30	0.17	0.15	0.13	0.10	0.08	
49	0.53	0.31	0.27	0.23	0.18	0.13	

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

PRODUCT DIMENSIONS

