

Architectural Floodlights

KFL

Intended Use

For landscape and facade lighting.

Features

Housing – Extruded aluminum body with cast end caps. Cast aluminum door frame is hinged and secured by stainless steel fasteners. Closed-cell silicone gasket prevents entrance of contaminants. Clear, impact-resistant, tempered glass lens with silk screen. Standard finish is dark bronze (DDB) corrosion-resistant polyester powder. Other architectural colors available.

Optics – Anodized aluminum reflectors; segmented, specular or hammertone finish. Reflectors are field interchangeable.

Electrical – 150W and below utilizes a high-reactance, high power factor ballast. 175W and above utilizes a constant-wattage autotransformer bal-

last. Ballast is copper wound and 100% factory tested. UL Listed.

Socket – Horizontal porcelain socket (KFL2 medium base, KFL3 mogul base) with copper alloy, nickel-plated screw shell and center contact. UL Listed 660W, 600V 4KV pulse rated.

Installation – Standard mount is two-piece, heavy-duty, cast-aluminum swivel with integral wiring compartment (pictured). Swivel fits over standard 1-1/2" (1.9" OD) to 2" (2.38" OD) tenon. Corrosion-resistant painted steel yoke with 3-foot, 16/3 SEO cable or threaded knuckle mount (1/2" NPT) are optional.

Listings

UL Listed (standard). CSA Certified or NOM Certified (see Options). UL Listed for wet locations. IP66 rated.



Shown with standard swivel mount

Example: KFL2 70S HPN 120 SF LPI

Ordering Information

Designation	Distribution	Voltage
High pressure sodium		
KFL2 70S	SP Spot	120
KFL2 100S	BP Horizontal flood ⁴	208 ⁵
KFL2 150S	RN Horizontal spot, narrow	240 ⁵
KFL3 250S	RM Horizontal spot, medium	277
KFL3 400S	RM Horizontal spot, wide	347
Metal halide		
KFL2 70M	RW Horizontal spot, wide	480 ⁵
KFL2 100M	HPN Vertical flood, narrow	TB ⁶
KFL2 150M ¹	HPM Vertical flood, medium	
KFL2 175M	HPM Vertical flood, wide	
KFL3 200M ²	FT Forward throw	
KFL3 250M ¹		
KFL3 320M ²		
KFL3 350M ²		
KFL3 400M ^{1,3}		

Optional mounting	
Installed	
YK	Yoke mount
THK	Threaded knuckle mount
Shipped separately	
AFSTM	Stanchion mount
KFLSTMTHK	Stanchion mount for 1/2" THK option ⁷
AFTM	Tenon base mount
AFWMA	Wall mount arm
KFLWMATHK	Wall-mount arm for 1/2" THK option ⁷
FCRA45	Crossarm adapter ⁸
TS	Tenon slipfitter ⁸
AFTMB	Twin mounting bar
KFLTMBTHK	Twin mounting bar for 1/2" THK option ⁷
FPMB	Wall/pole mounting bracket ⁸
AJB	Architectural J-box for 1/2" THK option ⁷
Outdoor remote ballast	
HRBW	HID remote ballast weatherproof (black) ⁹
Indoor remote ballast	
HRB	HID remote ballast (white) ⁹

Options/accessories	
Installed	
SF	Single fuse, 120V, 277V, 347V (n/a TB)
DF	Double fuse, 208V, 240V, 480V (n/a TB)
PE	Photoelectric cell, button type (n/a TB or 480)
QRS	Quartz restrike system (KFL3 only, 100W max., lamp not included)
EC	Emergency circuit (KFL3 only, 100W max., lamp not included)
CR	Enhanced corrosion resistance
SCWA	Super CWA pulse start ballast (n/a HPS, 70M, 100M or 175M)
LPI	Lamp included
L/LP	Less lamp
CSA	CSA Certified
NOM	NOM Certified (consult factory)
Shipped separately¹⁰	
UV	Upper visor
EV	Eggcrate visor (black)
FV	Full visor
BV	Bottom visor
WG	Wireguard
BD	Barn door
HLV	Horizontal louver (black)
VLV	Vertical louver (black)
BVG	Bubble vandal guard
UV/BVG	Upper visor and bubble vandal guard

For optional architectural colors, see page 543.

NOTES:

- May be ordered with SCWA.
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- ED-28 reduced jacket lamp required.
- KFL2 only.
- Consult factory for availability in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- For use with THK mounting only. Must include THK mount option on fixture.
- For use with yoke mounting only. Must include yoke mount option on fixture.
- Consult factory for availability.
- Field modification required unless ordered with fixture.

Dimensions are shown in **inches (centimeters)** unless otherwise noted.

Lamp/Fixture Data					
Wattage	Distribution	Ballast	Lamp type	Beam spread H°xV°	NEMA dist.
High pressure sodium					
150	SP	HX-HPF	E17	142x127	3x1
150	HPW	HX-HPF	E17	39x12	7x6
400	SP	CWA	ET18	60x13	4x1
400	HPW	CWA	ET18	144x140	7x7
Metal halide					
175	SP	CWA	ED17	27x15	2x1
175	HPW	CWA	ED17	147x127	7x6
400	SP	CWA	BT28	42x17	3x1
400	HPW	CWA	BT28	146x140	7x7

	KFL2	KFL3
EPA:	1.3 ft ² (.12 m ²)	2.0 ft ² (.19 m ²)
Width:	17 (43.2)	20 (50.8)
Depth:	8-1/16 (19.7)	9-1/16 (23.8)
Height:	9-7/8 (24.8)	13-1/16 (33.2)
Overall height:	14-1/16 (35.6)	16-15/16 (42.9)
Max. weight:	29 lbs (13.1 kg)	44 lbs (19.9 kg)

