



FEATURES & SPECIFICATIONS

INTENDED USE

Use for parking lots, streets and surrounding areas.

CONSTRUCTION

Heavy gauge die-formed aluminum housing is fabricated using robotic continuous seam-weld process for weather-tight integrity. Integral structural support plate for mounting arm and electrical components ensures rigidity and strength. Hinged aluminum doorframe incorporates stainless steel hardware. Continuous silicone gasketing surrounds lens for weather-tight seal. Optional tool-less hardware is available to maximize installation and maintenance ease. Thermal shock-resistant tempered glass lens. Choice of contoured drop lens or flat lens is available in standard product.

FINISH

Standard finish is dark bronze corrosion resistant electrostatically applied powder paint. Optional linear embossed accent reveals are available.

OPTICS

Vertical-lamp reflectors are one-piece spun and formed anodized aluminum. Specialized distributions are available for either drop lens or flat lens. Reflectors for each are independently designed to optimize light output for the lens type. Horizontal-lamp reflectors are also available. Mogul-base porcelain socket with copper alloy, nickel-plated screw shell and center contact. Vertically-oriented for types SYM, ASY and VFA distributions. Horizontal position-oriented for types R2, R3, and R4. UL listed 1500W-600V, 4kV pulse rated. Reflectors are rotatable and interchangeable.

ELECTRICAL SYSTEM

All electrical components are mounted to a heavy-gauge plate to maximize heat dissipation and ensure structural integrity for optimal component life. Constant wattage autotransformer ballasts are copper wound and 100% factory tested. Super CWA Pulse-Start ballasts are required for 320, 350, 450 and 750 watt (must order SCWA option).

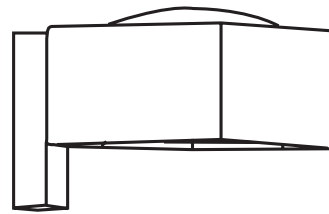
INSTALLATION

Extruded aluminum arm with integral splice compartment. Standard arm is 9" in length. (12" arm is required for fixtures mounted at 90°.) Arms are available for use with multiple poles, wall mounting and unique configurations.

LISTING

UL Listed to US and Canadian safety standards (see Options). NOM certified (see options). UL listed for wet locations. Optical chamber IP65 rated.

Catalog Number	
Notes	Type

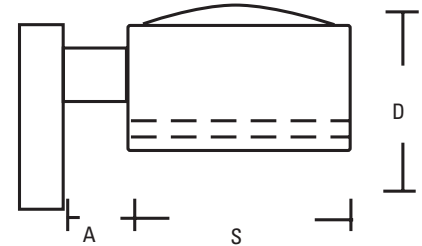


Area Lighting
KVF

METAL HALIDE
250-1000W
20' to 40' Mounting

Specifications

EPA: 2.8 ft² (.25m)
(includes arm)
Square: 21.5 (54.6)
Depth: 14 (35.5)
Arm length: 9 (22.8)
Weight: 53 lbs (24 kg)



Representative of the embossed accents (EA) option.

All dimensions are inches (centimeters) unless otherwise specified.

Mounting Option	Drilling Template
SPxx, RPxx, DA12P	5
WBxx, DA12WB	6
WWxx	7

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it in the appropriate blank.

Example: **KVF 1000M SYMFL 120 SP09 SF DNA LPI**

Series	Voltage
KVF250M	120
KVF320M	208²
KVF350M	240²
KVF400M	277
KVF450M	347
KVF1000M¹	480²
	TB³
Distribution	

Vertical lamp distributions

SYMFL Symmetric square, flat lens
ASYFL Asymmetric, flat lens
VFAFL Vertical forward throw automotive, flat lens

Horizontal lamp distributions

(not available with 450W or 750W)

R2FL Type II Roadway, flat lens
R3FL Type III Asymmetric, flat lens (not available with 450W or 750W or 1000W)
SR3FL Type III Segmented, Asymmetric, flat lens
SR4SCFL Type IV Segmented, forward throw, flat lens
SR4WFL Type IV Segmented, wide, forward throw, flat lens
SR2FL Type II Segmented, Asymmetric, flat lens

NOTES:

- 1 Must use reduced jacket lamp.
- 2 Consult factory for availability in Canada.
- 3 Consold multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada).
- 4 For arm mounting, refer to technical data section in the Outdoor binder for drilling template.
- 5 SP12 or RP12 must be used when two or more luminaires are oriented on a 90° drilling pattern.
- 6 Additional architectural colors available; please see Architectural Colors Brochure on www.lithonia.com.
- 7 May be ordered as accessory.
- 8 Order as separate line item. Important with this accessory, an RP12 mounting arm must be ordered on the fixture.
- 9 For specific ordering information, consult factory.

Mounting ⁴
SP09 Square pole (9" arm) ⁵
RP09 Round pole (9" arm) ⁵
SP12 Square pole (12" arm)
RP12 Round pole (12" arm)
WW09 Wood pole or wall (9" arm)
WW12 Wood pole or wall (12" arm)
WB09 Wall bracket (9" arm)
WB12 Wall bracket (12" arm)
KWA Mast Arm (external fitter)
DA12P Degree Arm (pole)
DA12WB Degree Arm (wall)

Options	
<u>Shipped installed in fixture</u>	<u>Architectural features</u>
TLS Tool-less Access	EA Embossed Accents
LPI Lamp included as standard	<u>Architectural colors</u> (powder finish) ⁶
L/LP Less Lamp	<u>Standard colors</u>
SF Single fuse (120, 277, 347V; not available with TB)	DOB Dark bronze (standard)
DF Double fuse (208, 240, 480V; not available with TB)	DWH White
PER NEMA twist-lock receptacle only (photocontrol not included)	DBL Black
QRS Quartz restrike system (250W max, lamp not included)	<u>Classic colors</u>
QRSTD QRS time delay (250W max, lamp not included)	DMB Medium bronze
KW1 KiloWatch 120V control relay ⁹	DNA Natural aluminum
KW4 KiloWatch 277V control relay ⁹	DSS Sandstone
CR Enhanced corrosion resistance	DGC Charcoal gray
EHS External houseside shield (matches fixture finish, included in the carton)	DTG Tennis green
EHSB External houseside shield black (painted black to maximize light control, included in the carton)	DBR Bright red
CSA Listed and labeled to comply with Canadian Standards	DSB Steel blue
SCWA Super CWA Pulse Start Ballast (750W & 1000W available in vertical lamp distributions only)	<u>Shipped separately⁷</u>
NOM NOM Certified (consult factory)	PE1 NEMA twist-lock PE (120, 208, 240V)
	PE3 NEMA twist-lock PE (347V)
	PE4 NEMA twist-lock PE (480V)
	PE7 NEMA twist-lock PE (277V)
	SC Shorting cap
	KVFG Vandal guard
	KVFEHS External Houseside shield (specify color)

Accessories: Tenon Mounting Slipfitter⁸

Number of fixtures						
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°
2-3/8" (6)	T20-190	T20-280	T20-290	T20-320	T20-390	T20-490
2-7/8" (7.3)	T25-190	T25-280	T25-290	T25-320	T25-390	T25-490
4" (10.2)	T30-190	T30-280	T30-290	T30-320	T30-390	T30-490