



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.

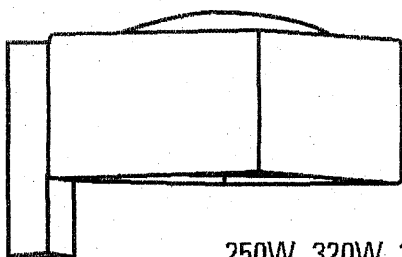
OPTICS — Vertical-lamp reflectors are one-piece spun and formed anodized aluminum. Specialized distributions are available for either drop lens or flat lens. Reflectors for each are independently designed to optimize light output for the lens type. Horizontal-lamp reflectors are also available. Mogul-base 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

250W, 320W, 350W, 400W, 450W, 750W, 1000W
20' to 40' Mounting

Specifications

EPA: 2.8 ft² (.25m)

(includes arm)

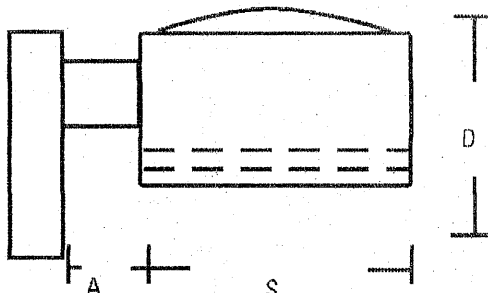
Square: 21.5 (5)

Depth: 14 (35.5)

Arm length: 0 (22.9)

Arif Iengul: 9 (22.8)

Weight: 53 lbs (24 kg)
All dimensions are inches
(centimeters) unless otherwise
specified.



____ Representative of the embossed accents (EA) option.

Mounting Option Drilling Template

SPxx, RPxx, DA12P
WBxx, DA12WB
WWxx

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	Mounting ¹	Options
KVF 250M	120	SP09 Square pole (9" arm) ⁵	Shipped Installed In Fixture
KVF 320M	208 ²	RP09 Round pole (9" arm) ⁵	SCWA Super CWA Pulse Start Ballast (750W & 1000W available in vertical lamp distributions only)
KVF 350M	240 ²	SP12 Square pole (12" arm)	NOM NOM Certified (consult factory)
KVF 400M	277	RP12 Round pole (12" arm)	Architectural Features
KVF 450M	347	WW09 Wood pole or wall (9" arm)	EA Embossed Accents
KVF 450M	480 ²	WW12 Wood pole or wall (12" arm)	Architectural Colors (powder finish) ⁹
KVF 750M	TB ³	WB09 Wall bracket (9" arm)	Standard Colors
KVF 1000M ¹		WB12 Wall bracket (12" arm)	DOB Dark bronze (standard)
		KMA Mast Arm (external fitter)	DWH White
		DA12P Degree Arm (pole)	DBL Black
		DA12WB Degree Arm (wall)	Classic Colors
			DMB Medium bronze
			DNA Natural aluminum
			DSS Sandstone
			DGC Charcoal gray
			DTG Tennis green
			DBR Bright red
			DSB Steel blue
Distribution		Shipped Separately ⁷	
Vertical Lamp Distributions:	Horizontal Lamp Distributions:	PE1 NEMA twist-lock PE (120, 208, 240V)	SC Shorting cap
SYMFL Symmetric square, flat lens	(not available with 450W or 750W)	PE3 NEMA twist-lock PE (347V)	KVFG Vandal guard
ASYFL Asymmetric, flat lens	R2FL Type II Roadway, flat lens	PE4 NEMA twist-lock PE (480V)	KVFEHS External House-side Shield (specify color)
VFAFL Vertical forward throw automotive, flat lens	R3FL Type III Asymmetric, flat lens	PE7 NEMA twist-lock PE (277V)	
	(not available with 450W or 750W or 1000W)		
	SR3FL Type III Segmented, Asymmetric, flat lens		
	SR4SFL Type IV Segmented, forward throw, flat lens		
	SR4WFL Type IV Segmented, wide, forward throw, flat lens		
	SR2FL Type II Segmented, Asymmetric, flat lens		
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			

**THIS PLAN IS BASED UPON A SITE PLAN RECEIVED 12-08-05
FROM MATTERN & CRAIG CONSULTING ENGINEERS.**

REFER TO SHEET C-3A PREPARED BY MATTERN & CRAIG
CONSULTING ENGINEERS FOR PROFFERS.

