

A LITHONIA LIGHTING

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

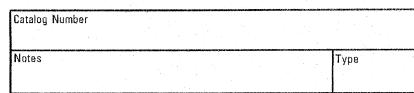
FINISH — Standard finish is dark bronze corrosion resistant electrostatically applied powder paint. Optional linear embossed accent reveals are available.

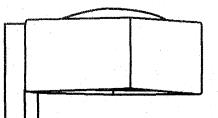
OPTICS — Vertical-lamp reflectors are one-piece spun and formed anodized aluminum. Specialized distributions are available for either drop lens or flat lens. Reflectors for each are independently designed to optimize light output for the lens type. Horizontal-lamp reflectors are also available. Mogul-base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





Area Lighting

METAL HALIDE 250W, 320W, 350W, 400W, 450W, 750W, 1000W

20' to 40' Mounting

Specifications

EPA: 2.8 ft² (.25m) (includes arm) Square: 21.5 (54.6) Depth: 14 (35.5)

specified.

Arm length: 9 (22.8) Weight: 53 lbs (24 kg) All dimensions are inches

(centimeters) unless otherwise

Shipped Installed In Fixture

TLS Tool-less Access

L/LP Less Lamp

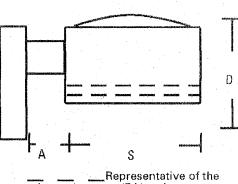
LPI Lamp included as standard

available with TB)

SF Single fuse (120, 277, 347V; nat

DF Double fuse (208, 240, 480V; not available with TB)

PER NEMA twist-lock receptacle



embossed accents (EA) option.

Mounting Option Drilling Template

SCWA Super CWA Pulse Start Ballast

NOM NOM Certified (consult

Architectural Colors (powder finish)6

DDB Dark bronze (standard)

Standard Colors

Classic Colors

factory)

Architectural Features

DWH White

DBL Black

DNB Medium bronze

DSS Sandstone

DGC Charcoal gray

DTG Tennis green

DBR Bright red

DSB Steel blue

DNA Natural aluminum

(750W & 1000W available in

vertical lamp distributions only)

Embossed Accents

SPxx, RPxx, DA12P WBxx, DA12WB WWxx

ORDERING INFORMATION

ASYFL

VFAFL

NOTES:

throw automotive.

flat lens

1 Must use reduced jacket lamp.

4 For arm mounting, refer to technical data section in the Outdoor binder

5 SP12 or RP12 must be used when

two or more luminaires are oriented on a 90° drilling pattern.

6 Additional architectural colors

tural Colors Brochure on

available; please see Architec-

for drilling template.

www.lithonia.com.

Outdoor

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

Example: KVF 1000M SYMFL 120 SP09 SF DNA LPI

Options

Series		Vo	ltage		Mounting ⁴	
KVF 250M			120	SP09	Square pole (9" arm) ⁵	
KVF 320M			208 ² 240 ²		Round pole (9" arm) ⁵	
KVF 350M		*.	277	SP12	Square pole (12" arm)	
KVF 400M			347	RP12	Round pole (12" arm)	
KVF 450M		* 4	480 ² TB ³	WW09	Wood pole or wall (9" arm)	
KVF 750M		-		Wood pole or wall (12" arm))	
KVF 1000M1				WB09	Wall bracket (9" arm)	
			1	WB12	Wall bracket (12" arm)	
				KMA	Mast Arm (external fitter)	
		1. 1	•		Degree Arm (pole)	
A STATE OF THE STA				DA12WB	Degree Arm (wall)	a
-		Distri	bution			
Vertical Lam	p Distri	butions:	Horiz	ontal Lam	p Distributions:	
SYMFL Sy	mmetric	square,	(not av	allable with	450W or 750W)	

included) Type II Roadway, flat lens Asymmetric, flat Type III Asymmetric, flat lens (not available with 450W or 750W or 1000W) Vertical forward Type III Segmented, Asym

> metric, flat lens SR4SCFL Type IV Segmented, foward throw, flat lens SR4WFL Type IV Segmented, wide,

2 Consult factory for availability in foward throw, flat lens SR2FL Type II Segmented, Asymmet 3 Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada). ric, flat lens

> 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,

only (photocontrol not included) QRS Quartz restrike system (250W max, lamp not included) ORSTO ORS time delay (250W max, lamp not KW1 KiloWatch 120V control relay9 KW4 KiloWatch 277V control relay9 CR Enhanced corrosion resistance fixture finish, included in the carton)

EHS External houseside shield (matches EHSB External houseside shield black (painted black to maximize light control, included in the carton) CSA Listed and labeled to comply with

Canadian Standards

Shipped Separately⁷ PE1 NEMA twist-lock PE (120, 208, 240V) SC Shorting cap

PE3 NEMA twist-lock PE (347V) KVFVG Vandal guard PE4 NEMA twist-lock PE (480V) KVFEHS__ External Houseside shield (specify color) PE7 NEMA twist-lock PE (277V)

Accessories: Tenon Mounting Slipfitter Number of fixtures

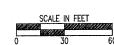
Tenon O.D. One Two@180° Two@90° Three@120° Three@90° Four@90° 2-3/8" (6) T20-190 T20-280 T20-290 T20-320 T20-390 T20-490 2-7/8" (7.3) T25-190 T25-280 T25-290 T25-320 T25-390 T25-490 4" (10.2) T30-190 T30-280 T30-290 T30-320 T30-390 T30-490

Sheet #: KVF-M-flat

AL-430

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



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CUT LIGHTING

SITE OF N/A

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