LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for car lots, street lighting or parking areas.

CONSTRUCTION — Rugged, .063" thick, aluminum rectilinear housing. Formed for weather-tight seal and integrity. Naturally anodized, extruded aluminum door frame with mitered corners, is retained with two .188" diameter hinge pins and secured with one quarter-turn, quick-release fastener. Weatherproof seal between housing and door frame is accomplished with an integrally designed, extruded silicone gasket that snaps into the door frame, and another gasket applied to the housing.

Finish: Standard finish is dark bronze (DDB), polyester powder finish with other architectural colors available.

OPTICS — Reflectors are anodized and segmented for superior uniformity and control. Reflectors attach with tool-less fasteners and are rotatable and interchangeable. KSF3 Type IV and Type V optics are rotatable. Three cutoff distributions available: Type III (asymmetric), Type IV (forward throw), Type V (square). Lens is .125" thick impact-resistant tempered glass with thermally applied silk-screened shield.

ELECTRICAL — Ballast: 1000M - Constant wattage autotransformer.

Ballasts are 100% factory-tested.

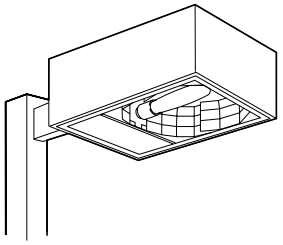
Socket is porcelain, horizontally mounted mogul base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W-600V.

INSTALLATION — Extruded aluminum arm for pole or wall mounting is shipped in fixture carton. Optional mountings available.

LISTING — UL listed (standard). CSA Certified (see Options). NOM Certified (see Options). UL listed for 25°C ambient temperature and wet locations. IP65 rated.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



Area Lighting

KSF3

METAL HALIDE: 1000W

HIGH PRESSURE SODIUM: 1000W

25' to 40' Mounting

Specifications

EPA: 3.0 ft² (.28 m²) (includes arm)

Length: 29-19/32 (75.2)

Width: 23-19/32 (59.9)

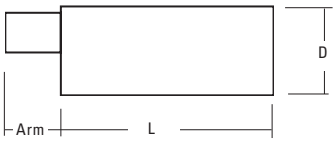
Depth: 10-1/2 (26.7)

Arm: 12 (30.5)

*Weight: 80 lbs (36.3 kg)

*Weight as configured in example below.

All dimensions are inches (centimeters) unless otherwise specified.



Mounting option	Drilling template
SPxx, RPxx, DA12P	5
WBxx, DA12WB	6
WWxx	7

ORDERING INFORMATION For shortest lead times, configure product using **bolded options**.

Example: KSF3 1000M R3 TB SCWA SP12 LPI

KSF3					
Series	**Wattage**	**Distribution**	**Voltage**	**Ballast**	**Mounting**
KSF3	Metal halide **1000M**[1] High pressure sodium[2] **1000S**	**R3** Type III asymmetric **R4** Type IV forward throw R5S Type V square[3]	120 **480** **208** TB[4] 240 **277** **347**	**(blank)** Magnetic Pulse Start HID Ballast/Lamp Systems **SCWA** Super CWA pulse-start ballast NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA	Type: **SP**___ Square pole; **RP**___ Round pole; WB___ Wall bracket; WW___ Wood pole or wall bracket Arm length: **12** 12" arm Shipped separately: DA12P Degree arm, pole; DA12WB Degree arm, wall; KMA Mast arm adapter

Options			Finish[9]		Lamp *(required)*
Shipped installed in fixture PER NEMA twist-lock receptacle only (no photocontrol) SF Single fuse (120, 277, 347V)[5] DF Double fuse (208, 240, 480V)[5]	**CSA** CSA Certified INTL Available MH for probe start shipping outside the U.S. NOM NOM Certified[6]	Shipped separately[7] 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 for PER option HS House side shield (R3, R4)[8]	**(blank)** Dark bronze **DWH** White **DBL** Black DMB Medium bronze **DNA** Natural aluminum Super Durable Finishes DDBXD Dark bronze DBLXD Black	DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	**LPI** Lamp included **L/LP** Less lamp NIGHTTIME FRIENDLY™ Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

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)	T35-190	T35-280	T35-290	T35-320	T35-390	T35-490

Notes

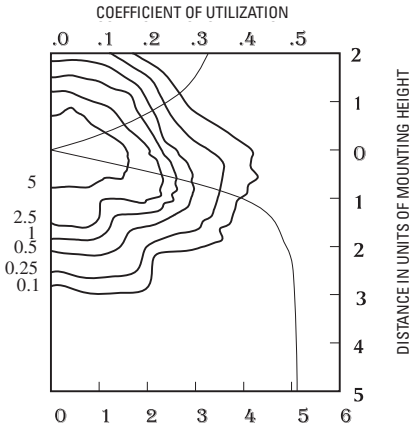
1 SCWA required.
2 Not available with SCWA. 1000S is not available with 347V.
3 Type V square uses BT37 lamp only.
4 Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada).
5 Must specify voltage. Not available with TB or TBV.
6 Consult factory for availability.
7 May be ordered as an accessory.
8 Available with R3 and R4 distributions only. Order as KSF3HS U when ordered as an accessory.
9 See www.lithonia.com/archcolors for additional color options.

KSF3 Arm-Mounted Rectilinear Cutoff Lighting

Coefficient of Utilization ———
Initial Footcandles ———

KSF3 1000M R3

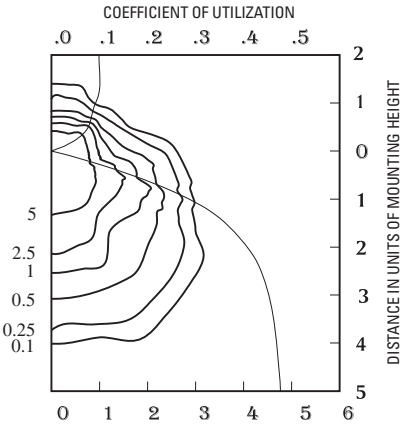
Test no. 93031002



1000W metal halide lamp 107,800 rated lumens. Footcandle values based on 35' mounting height, distribution Type III, cutoff.

KSF3 1000M R4

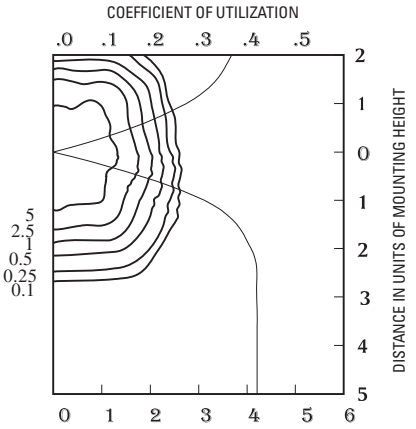
Test no. 93030801



1000W metal halide lamp 107,800 rated lumens. Footcandle values based on 35' mounting height, distribution Type IV, cutoff.

KSF3 1000M R5S

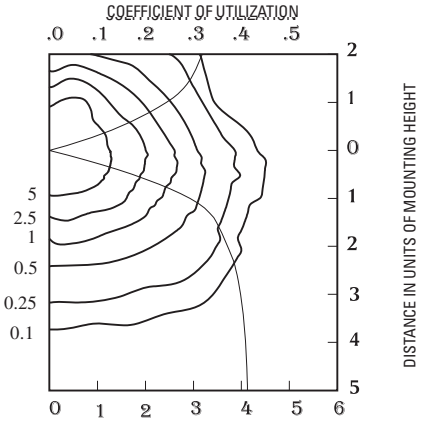
Test no. 93022601



1000W metal halide lamp 107,800 rated lumens. Footcandle values based on 35' mounting height, distribution Type V, cutoff.

KSF3 1000S R3

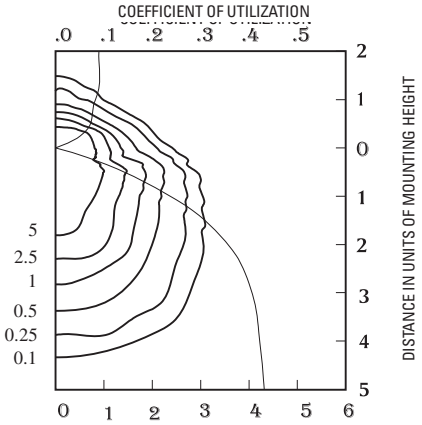
Test no. 93031101



1000W high pressure sodium lamp, 140,000 rated lumens. Footcandle values based on 35' mounting height, distribution Type III, cutoff.

KSF3 1000S R4-HS

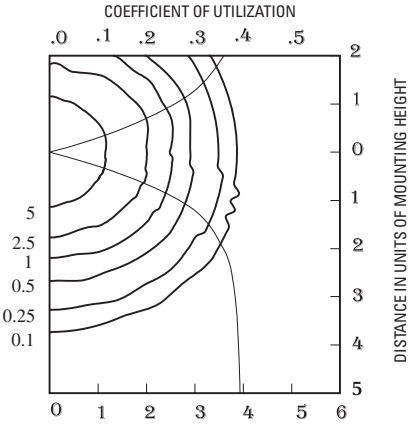
Test no. 93030902



1000W high pressure sodium lamp, 140,000 rated lumens. Footcandle values based on 35' mounting height, distribution Type IV, cutoff.

KSF3 1000S R5S

Test no. 93031201



1000W high pressure sodium lamp, 140,000 rated lumens. Footcandle values based on 35' mounting height, distribution Type V, cutoff.

NOTES:

1 Photometric data for other distributions can be accessed from the Lithonia Lighting website. (www.Lithonia.com)

2 For electrical characteristics, consult outdoor technical data specification sheets on www.Lithonia.com.

3 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

30 ft.= 1.36

40 ft.= 0.77

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}}\right)^2 = \text{Correction Factor}$$