Catalog Number	Type

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

HOUSING – Rugged, .063" thick, aluminum rectilinear housing. Continuously seam welded for weather-tight seal and integrity. Standard finish is dark bronze (DDB) polyester powder. Other powder architectural colors available.

DOOR FRAME – 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 door frame.

OPTICAL SYSTEM – Reflectors are anodized and segmented for superior uniformity and control, which allows the flexibility to mix distributions without compromising the overall lighting job. Reflectors attach with tool-less fasteners and are rotatable and interchangeable. Five cutoff distributions available: Type II (roadway), Type III (asymmetric), Type IV (forward throw, sharp cutoff), Type IV (wide, forward throw), and Type V (square symmetrical).

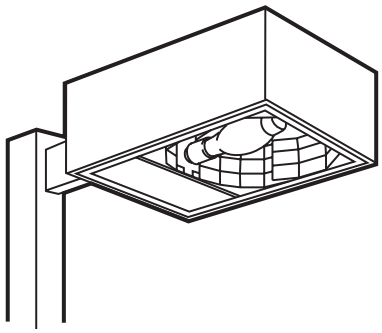
LENS – Lens is .125" thick, impact-resistant, tempered, glass with thermally-applied, silk screened power door shield.

ELECTRICAL SYSTEM – Constant-wattage autotransformer is 100% copper wound and factory tested. Removable power door and positive-locking disconnect plug.

SOCKET – Porcelain, horizontally-oriented, mogul-base socket with copper alloy, nickel plated screw shell and center contact. UL listed 1500W- 600V.

INSTALLATION – Extruded, 4" aluminum arm for pole or wall mounting is shipped in fixture carton. Optional mountings available.

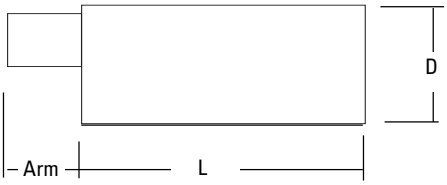
LISTING – UL listed for wet locations. Listed and labeled to comply with Canadian Standards (see Options).



Area Lighting

KSF2

METAL HALIDE
320W, 350W, 400W
15' to 25' Mounting



Specifications

EPA: 2.0 ft.^{2} (.28m^2) (includes arm)
Length: 25 -5/16 (64.3)
Width: 18-1/2 (47.0)
Depth: 8-5/16 (21.1)
Weight: 52 lbs (23.6kg)
Arm: 4 (10.2)

All dimensions are inches (centimeters) unless otherwise specified.

Mounting Option	Drilling Template[9]
SPxx, RPxx, DA12P	5
WBxx, DA12WB	6
WWxx	7

ORDERING INFORMATION

Example: **KSF2 400M R3 120 SP04 SF DDB**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog number.

KSF2 400M

Series

KSF2 320M[8]
KSF2 350M[8]
KSF2 400M[1,7]

Distribution

R2 IES Type II roadway
R3 IES Type III asymmetric
R4SC IES Type IV forward throw, sharp cutoff
R4W IES Type IV wide, forward throw
R5S IES Type V square

Voltage

120
208[2]
240[2]
277
347
480[2]
TB[3]

Mounting[10]

SP04 Square pole (4" arm) (standard)[4]
SP09 Square pole (9" arm)
RP04 Round pole (4" arm)[4]
RP09 Round pole (9" arm)
WW04 Wood pole or wall (4" arm)[4]
WW09 Wood pole or wall (9" arm)
WB04 Wall bracket (4" arm)
WB09 Wall bracket (9" arm)
L/ARM When ordering KMA, DA12

OPTIONAL MOUNTING
(shipped separately)
DA12P Degree arm (pole)
DA12WB Degree arm (wall)
KMA Mast arm adapter
KTMB Twin mounting bar

Options

Shipped Installed In Fixture
SF Single fuse (120, 277, 347V, n/a TB)
DF Double fuse (208, 240, 480V, n/a TB)
PER NEMA twist-lock receptacle only (no photocontrol)
QRS Quartz restrike system (75W max; lamp not included,120V only)
EC Emergency circuit
CR Corrosion-resistant finish
CSA Listed and labeled to comply with Canadian Standards
LS Lamp support
SCWA Super CWA Pulse Start Ballast. (TB only)
LLRSPL Low Loss Reactor Pulse Start Ballast (277V only)

Shipped separately[5]
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
KSF2HS House side shield (R2,R3)
KSF2VG Vandal guard

Architectural Colors (powder finish)[6]

Standard Colors
DDB Dark bronze (standard)
DWH White
DBL Black

Classic Colors
DMB Medium bronze
DNA Natural aluminum
DSS Sandstone
DGC Charcoal gray
DTG Tennis green
DBR Bright red
DSB Steel blue

NOTES:
1 Use ED28 reduced jacket lamp.
2 Consult factory for availability in Canada.
3 Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada).
4 SP09, RP09, or WW09 must be used when two or more luminaires are oriented on a 90° drilling pattern.
5 May be ordered as accessory.
6 Additional architectural colors available; see Architectural Colors brochure.
7 May be ordered with SCWA or LLRPSL.
8 Must be ordered with SCWA or LLRPSL.
9 Refer to technical data section in Outdoor binder for drilling template.

Accessories: Tenon Mounting Slipfitter *(Order separately)*

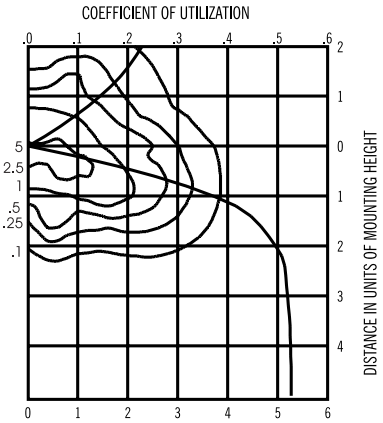
	Number of fixtures					
Tenon O.D.	One	Two@180°	Two@90°[3]	Three@120°	Three@90°[3]	Four@90°[3]
2-3/8"	**T20-190**	**T20-280**	**T20-290**	**T20-320**	**T20-390**	**T20-490**
2-7/8"	**T25-190**	**T25-280**	**T25-290**	**T25-320**	**T25-390**	**T25-490**
4"	**T35-190**	**T35-280**	**T35-290**	**T35-320**	**T35-390**	**T35-490**

KSF2 400M Arm-Mounted Rectilinear Cutoff Lighting

Coefficient of Utilization _____
Initial Footcandles ——

KSF2 400M R2

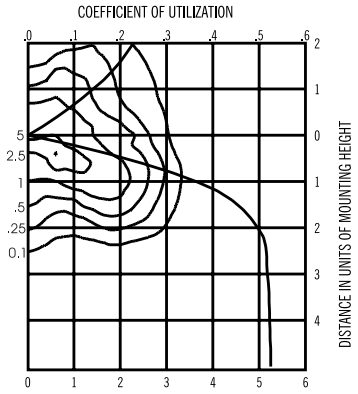
Test No. 1193031801



400W Metal Halide lamp, 32000 rated lumens. Footcandle values based on 35' mounting height, Distribution II, cutoff.

KSF2 400M R3

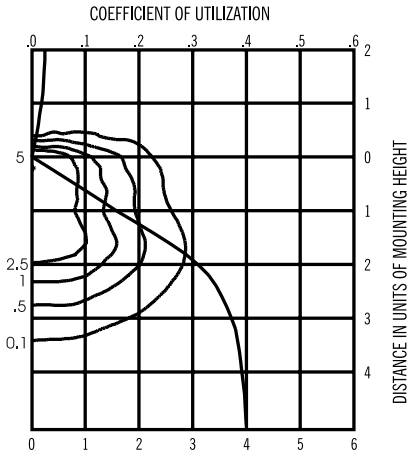
Test No. TEST NO. 1194100501



400W Metal Halide lamp, 32000 rated lumens. Footcandle values based on 35' mounting height, Distribution III, cutoff.

KSF2 400M R4SC

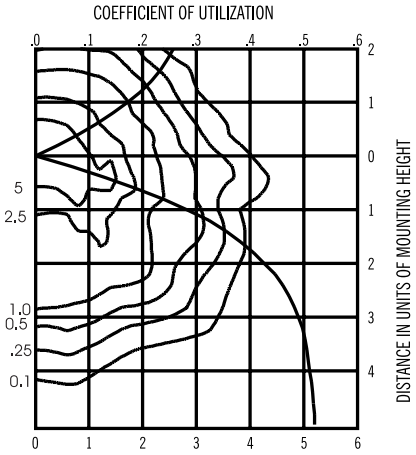
Test No. 1193041301



400W Metal Halide lamp, 32000 rated lumens. Footcandle values based on 35' mounting height, Distribution IV, sharp cutoff.

KSF2 400M R4W

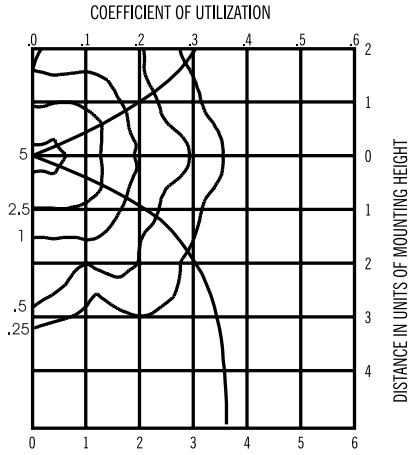
Test No. LTL8509



400W Metal Halide lamp, 32000 rated lumens. Footcandle values based on 20' mounting height, Distribution IV wide, forward throw.

KSF2 400M R5S

Test No. 1193051801



400W Metal Halide lamp, 32000 rated lumens. Footcandle values based on 35' mounting height, Distribution V, cutoff.

NOTES:

1. For electrical characteristics, consult technical data tab.
2. 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.
3. Photometric data for other distributions can be accessed from the Lithonia Lighting website. (www.Lithonia.com)

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)
25 ft.= 1.44
32 ft.= .88
35 ft.= .73

$$\frac{\text{Existing Mounting Height}^2}{\text{New Mounting Height}^2} = \text{Correction Factor}$$

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