

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P367019

Luminaire Tested: **PMM-SA1D-730-U-5WQ**

Issue Date: 12/2/2019

Report Generated By 670245982

Test Information

Test Method: LM-79-08
Report Number: P367019
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-4)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: PMM-SA1D-730-U-5WQ
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6699 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

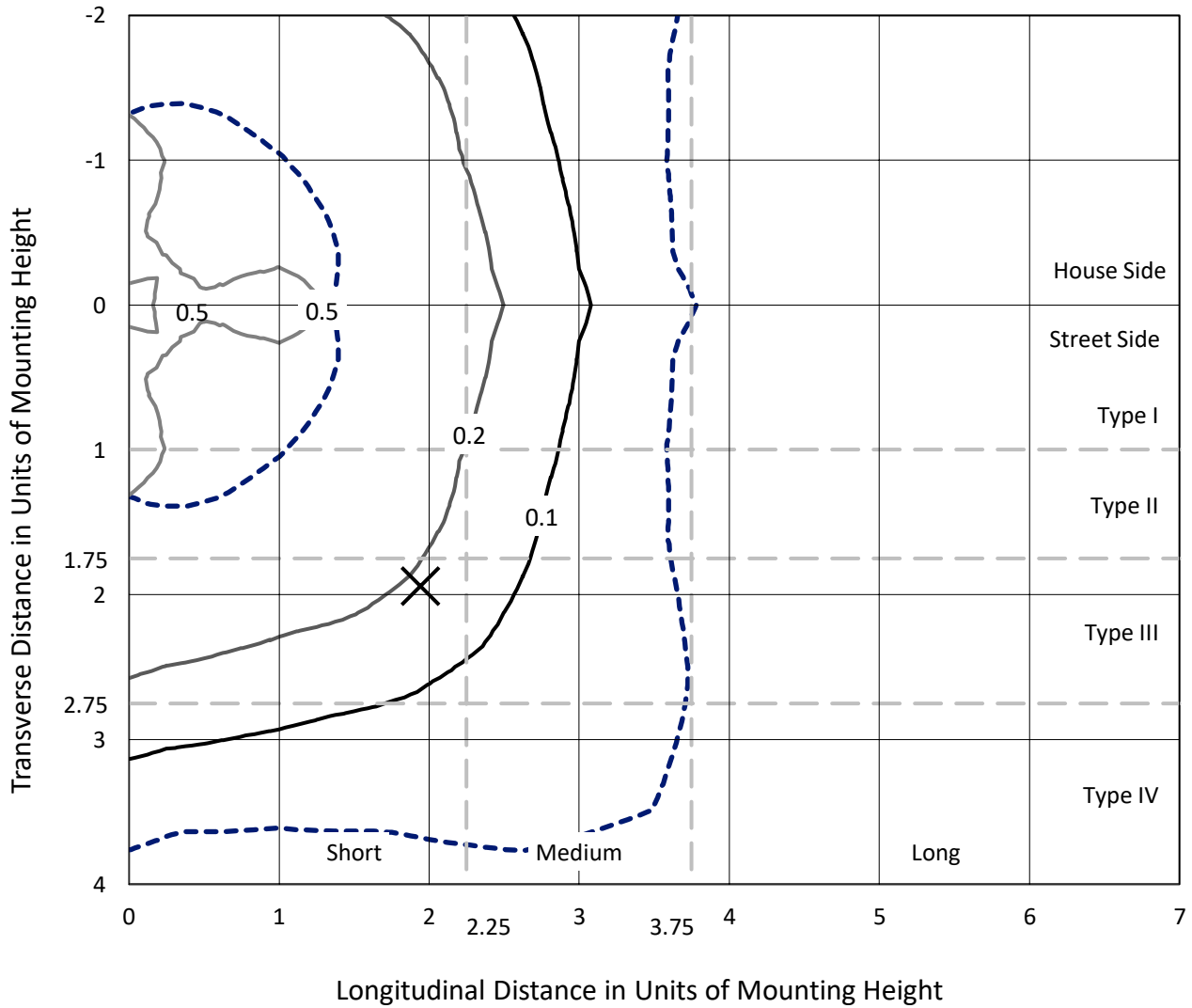
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

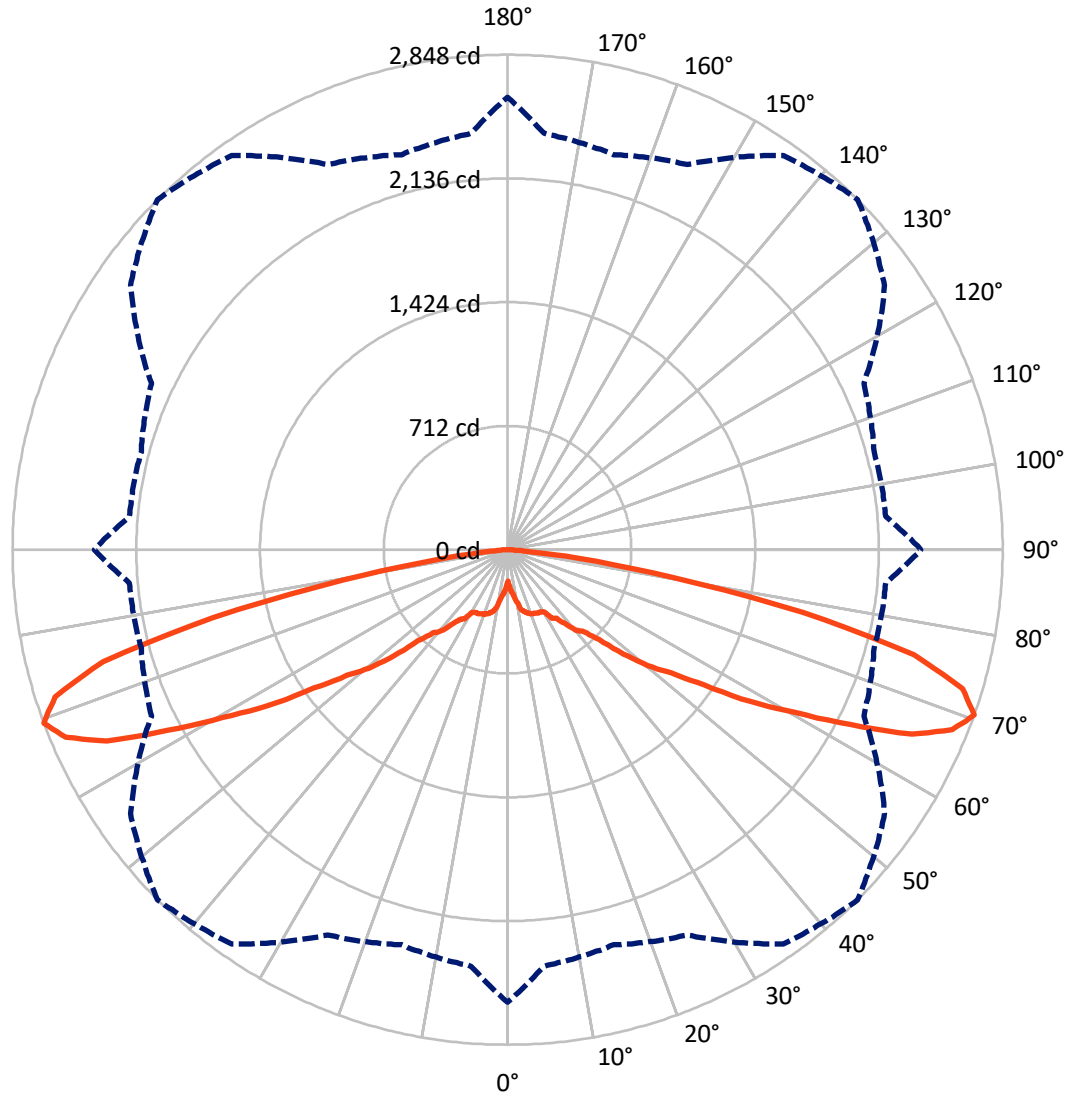
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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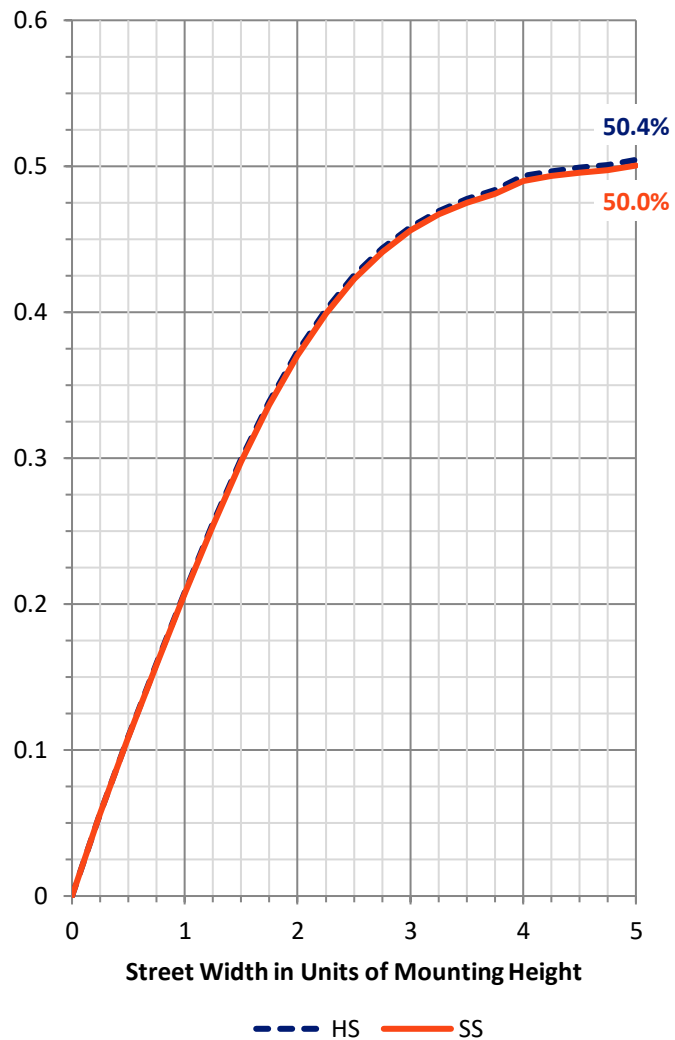
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3349.5	0.0	3349.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3349.5	0.0	3349.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6699.0	0.0	6699.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	0.4
10°-20°	105.5	1.6
20°-30°	199.4	3.0
30°-40°	347.3	5.2
40°-50°	663.9	9.9
50°-60°	1287.3	19.2
60°-70°	2254.1	33.6
70°-80°	1694.1	25.3
80°-90°	121.2	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6699.0	100.0
0°-180°	6699.0	100.0

Coefficient of Utilization

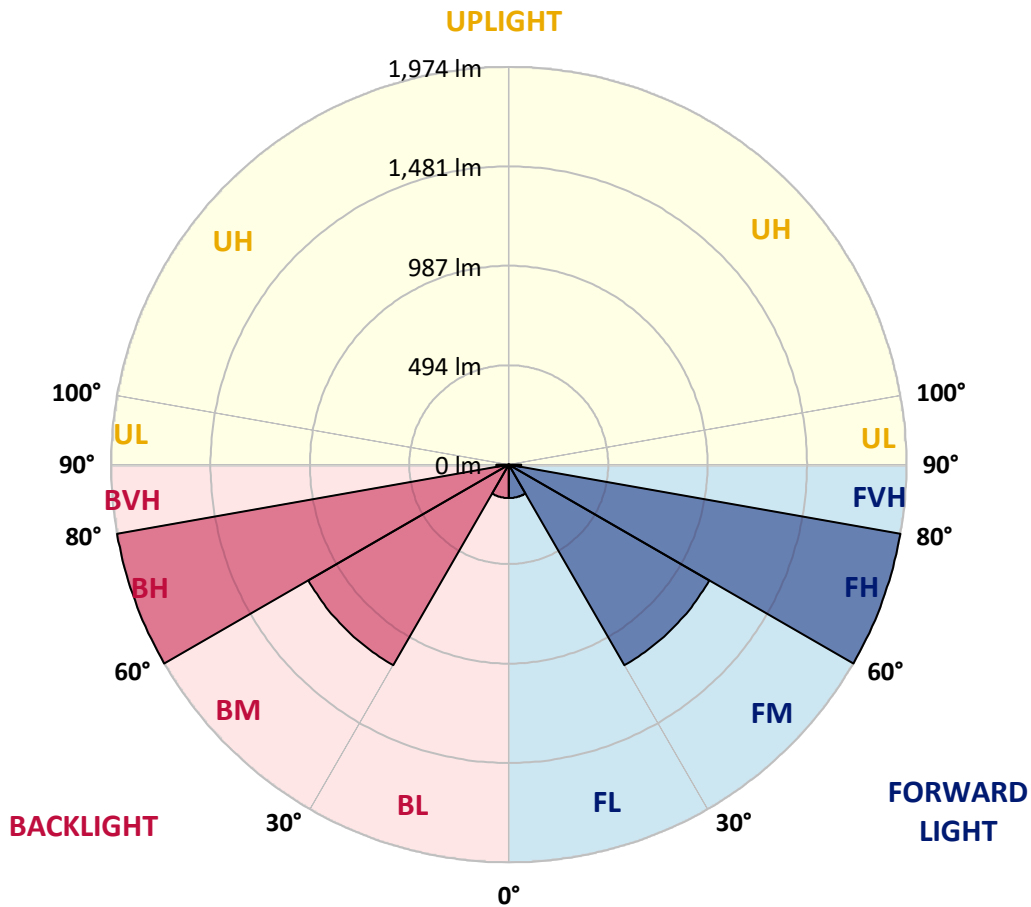


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	165.6	2.5			
FM (30°-60°)	1149.2	17.2			
FH (60°-80°)	1974.1	29.5			G2/5000
FVH (80°-90°)	60.6	0.9			G1/100
BL (0°-30°)	165.6	2.5	B1/500		
BM (30°-60°)	1149.2	17.2	B2/2500		
BH (60°-80°)	1974.1	29.5	B3/2500		G2/5000
BVH (80°-90°)	60.6	0.9			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	181.1	181.1	181.1	181.1	181.1	181.1	181.1	181.1	181.1	181.1	181.1
2.5°	220.4	217.0	206.3	206.9	211.8	212.3	212.8	206.3	204.8	218.0	218.8
5°	279.9	272.1	264.3	261.2	256.5	243.5	257.8	259.4	262.5	272.6	277.3
7.5°	319.7	310.0	299.4	292.9	280.2	269.5	281.2	290.8	297.0	308.5	315.0
10°	327.2	321.5	321.0	309.5	307.2	311.1	310.3	310.6	319.9	320.2	324.1
12.5°	350.8	355.0	346.9	343.0	345.4	355.0	347.2	343.8	346.2	356.8	352.4
15°	381.8	386.7	374.5	368.2	362.0	371.1	363.1	369.0	376.6	384.4	380.5
17.5°	416.1	416.3	399.7	376.6	382.0	383.3	380.5	375.5	397.1	415.8	414.0
20°	434.8	434.5	405.9	374.5	390.6	393.5	390.9	374.0	406.5	432.2	431.4
22.5°	454.0	448.3	414.0	388.5	394.5	396.8	390.9	389.3	414.0	449.9	449.6
25°	464.4	469.3	431.7	415.8	410.9	405.4	410.6	413.2	436.9	471.9	461.8
27.5°	496.9	488.8	436.9	435.3	424.9	403.3	421.3	434.0	435.3	492.0	502.3
30°	526.3	529.4	460.2	462.6	443.6	416.3	444.1	464.4	468.3	529.9	528.9
32.5°	557.4	558.7	501.8	477.7	469.6	468.6	457.9	475.6	506.2	555.6	557.7
35°	604.7	615.4	539.0	506.5	496.4	486.0	495.3	511.2	539.8	613.8	608.6
37.5°	713.1	696.2	619.8	552.5	545.7	541.6	549.1	560.6	619.0	698.0	722.2
40°	788.7	780.7	676.7	628.6	586.0	608.4	590.7	634.9	683.2	781.2	796.8
42.5°	905.9	870.1	763.3	703.8	659.6	643.7	653.6	711.3	772.9	882.0	912.7
45°	1018.5	963.1	871.6	819.1	752.1	735.5	748.7	816.5	887.7	974.0	1028.1
47.5°	1133.3	1076.2	975.6	899.7	844.9	894.5	851.1	915.6	986.5	1086.8	1134.9
50°	1252.6	1189.2	1089.9	1007.3	1002.6	1046.5	994.6	1027.6	1093.3	1197.3	1253.9
52.5°	1389.6	1321.2	1222.0	1166.1	1177.0	1174.1	1163.7	1157.8	1222.5	1324.6	1391.9
55°	1552.5	1478.7	1399.5	1373.7	1403.9	1371.4	1386.7	1384.6	1394.0	1467.0	1545.8
57.5°	1749.5	1666.1	1586.6	1580.8	1619.6	1650.2	1622.9	1583.7	1567.3	1638.3	1728.5
60°	1997.7	1895.3	1808.0	1790.1	1900.5	1900.2	1875.6	1787.7	1781.5	1861.8	1970.4
62.5°	2271.9	2147.1	2051.7	2023.2	2196.2	2215.7	2138.8	1981.3	2013.5	2078.3	2207.2
65°	2504.7	2354.8	2265.9	2258.1	2469.6	2555.7	2385.7	2170.3	2180.6	2234.4	2374.0
67.5°	2656.5	2475.9	2405.2	2442.9	2705.9	2759.7	2601.7	2296.6	2259.7	2282.0	2448.8
70°	2603.2	2404.7	2353.7	2445.2	2766.9	2848.3	2648.2	2261.2	2182.7	2183.8	2377.6
72.5°	2199.6	2010.7	2034.9	2202.7	2622.4	2736.5	2433.0	2042.4	1881.8	1877.9	2053.8
75°	1454.5	1328.2	1423.6	1685.3	2180.1	2413.5	2015.9	1600.9	1399.5	1334.0	1469.9
77.5°	636.2	620.1	700.4	996.1	1486.3	1739.4	1444.2	1045.8	761.2	633.1	691.5
80°	170.5	166.8	209.5	377.9	723.5	957.9	781.5	417.1	217.8	158.5	168.1
82.5°	62.1	63.7	77.7	105.8	238.3	403.3	259.6	121.9	82.4	67.6	67.6
85°	27.0	26.2	37.7	42.4	65.0	91.2	74.6	51.7	41.6	31.2	29.9
87.5°	7.3	9.1	12.7	13.3	16.9	13.8	19.8	18.2	15.6	10.9	8.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)