

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: P595965

Luminaire Tested: **PMM-SA2A-AMB-U-RW**

Issue Date: 4/29/2022

Test Information

Test Method: LM-79-08
Report Number: P595965
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2109-400-7)
Test Lab: INNOVATIONS CENTER
Issue Date: 4/29/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: PMM-SA2A-AMB-U-RW
Description: POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH
AND RECTANGULAR WIDE OPTICS.
Light Source: (32) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1816 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

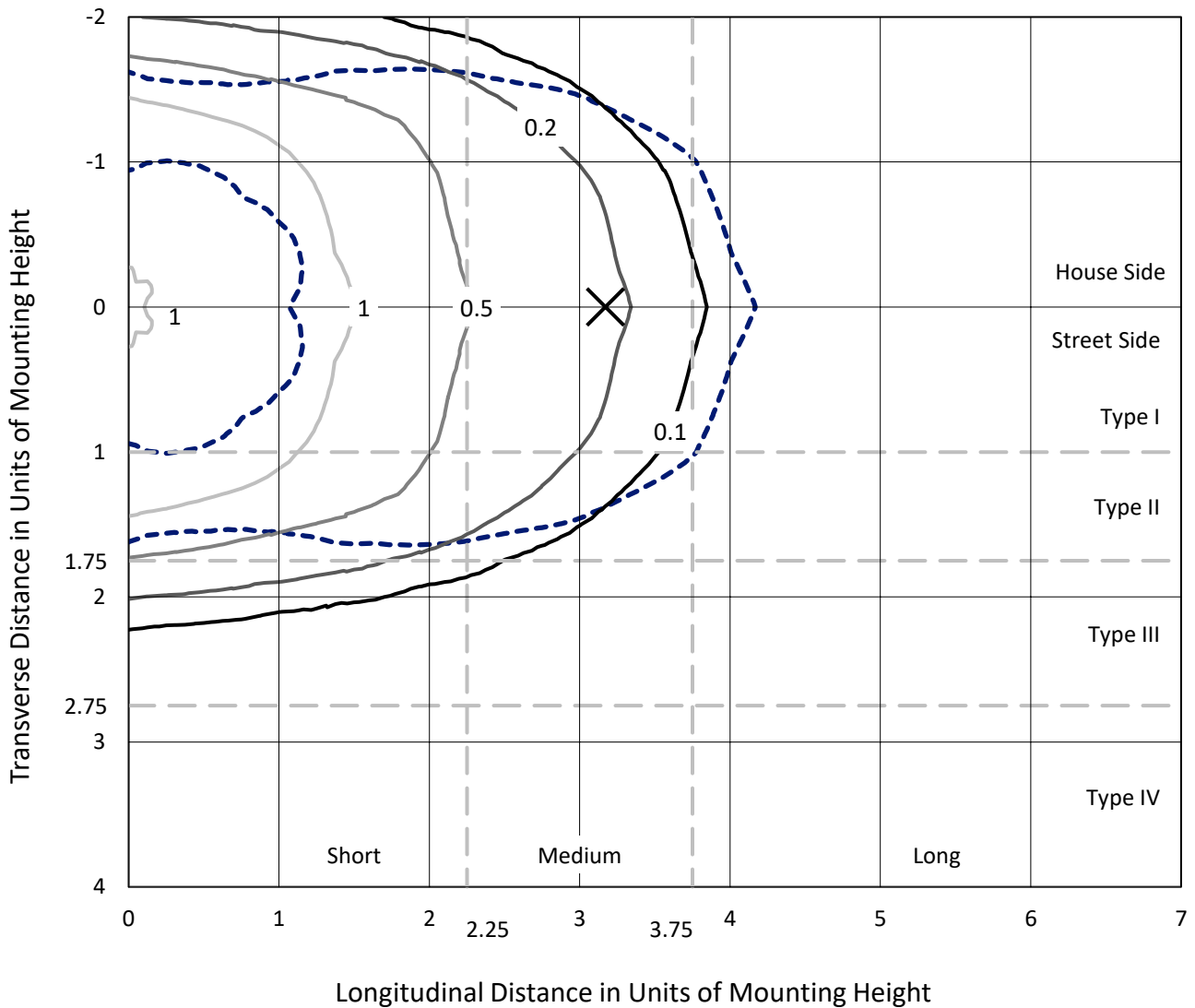
Input Watts (W): 41.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

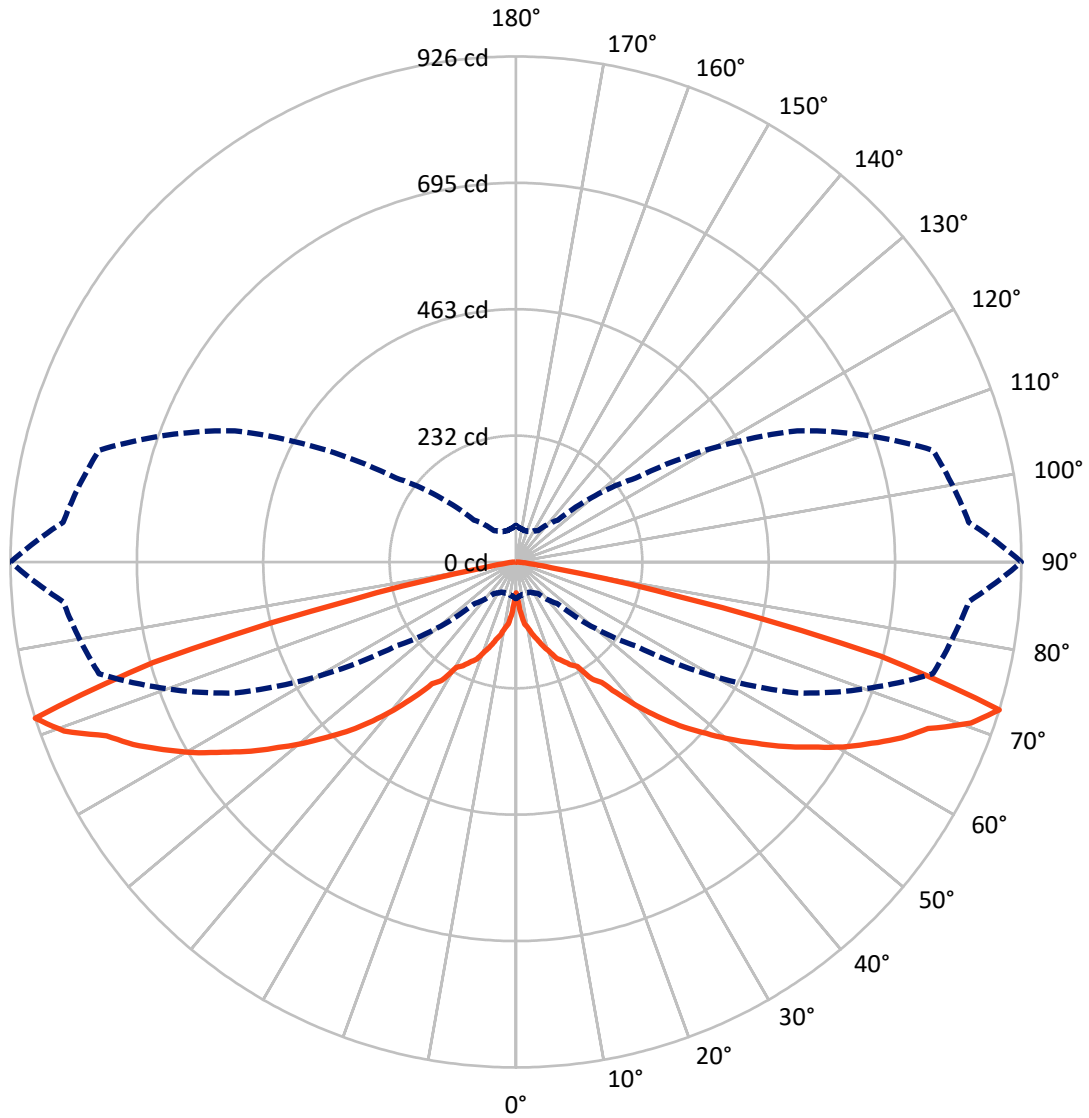
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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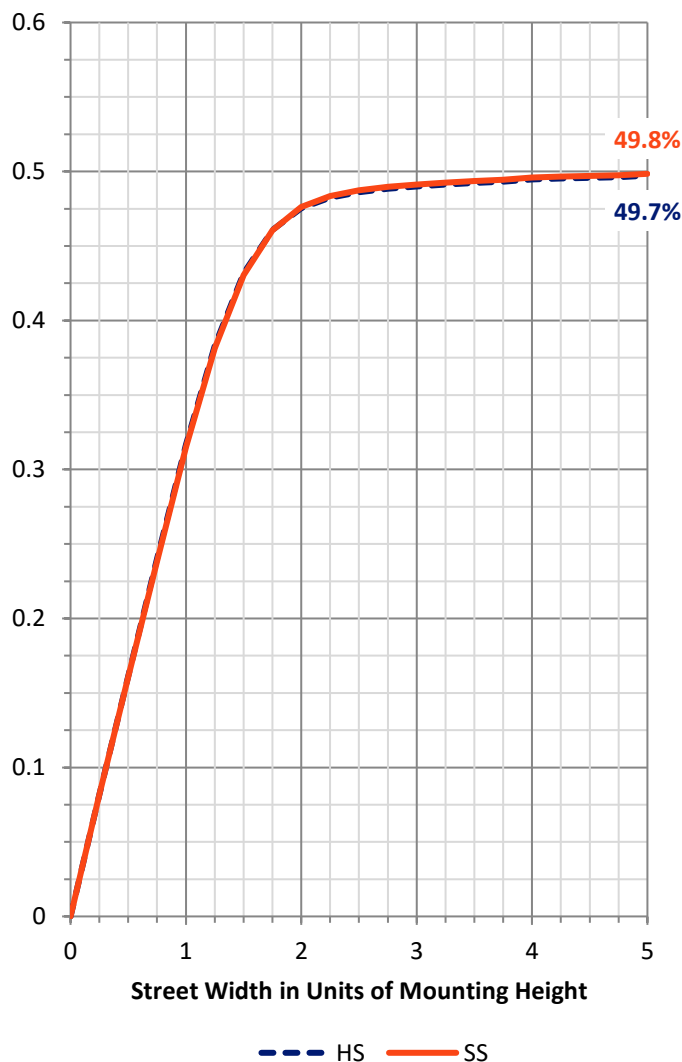
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	908.0	0.0	908.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	908.0	0.0	908.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	1816.0	0.0	1816.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.8	0.4
10°-20°	38.4	2.1
20°-30°	86.6	4.8
30°-40°	169.5	9.3
40°-50°	323.8	17.8
50°-60°	482.0	26.5
60°-70°	469.4	25.9
70°-80°	219.5	12.1
80°-90°	19.0	1.0
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°	1816.0	100.0
0°-180°	1816.0	100.0

Coefficient of Utilization



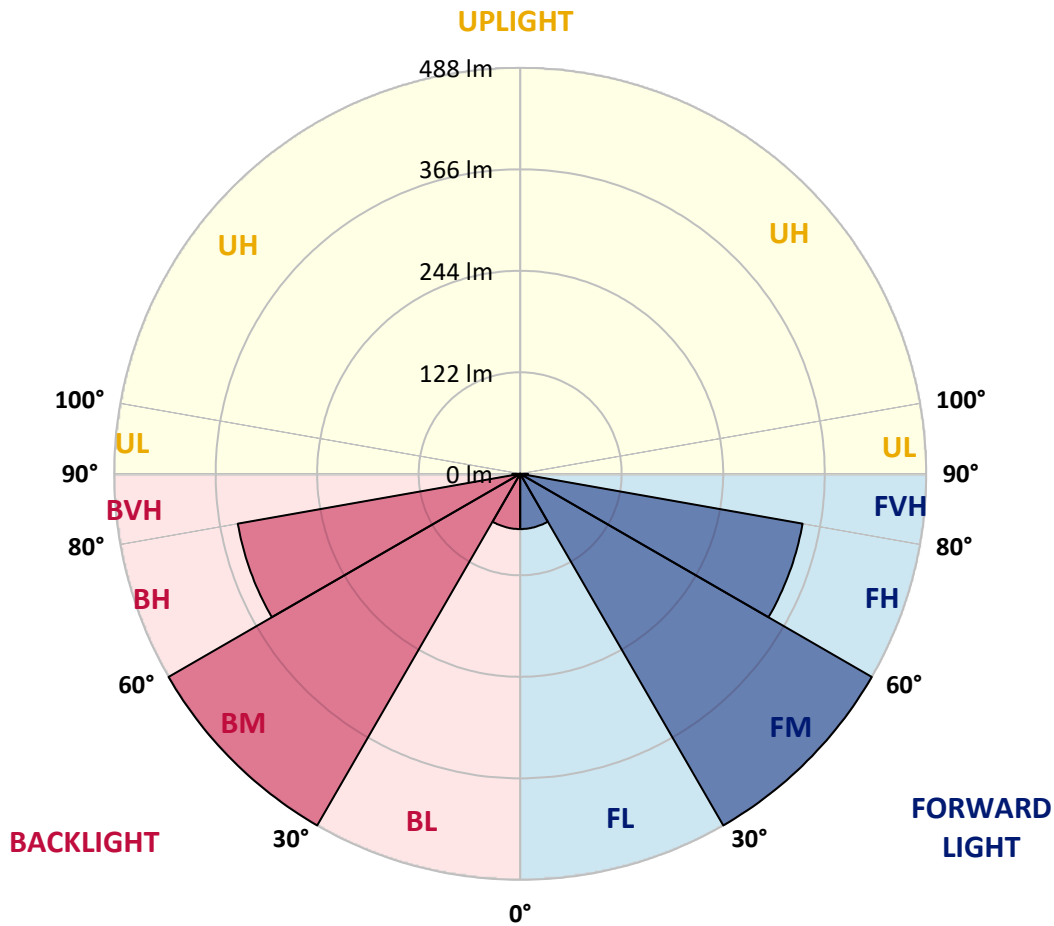
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	66.4	3.7			
FM (30°-60°)	487.7	26.9			
FH (60°-80°)	344.5	19.0			G0/660
FVH (80°-90°)	9.5	0.5			G0/10
BL (0°-30°)	66.4	3.7	B0/110		
BM (30°-60°)	487.7	26.9	B1/1000		
BH (60°-80°)	344.5	19.0	B1/500		G1/500
BVH (80°-90°)	9.5	0.5			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
2.5°	68.5	62.0	61.4	57.8	56.7	58.4	57.8	57.8	63.2	63.2	69.1
5°	84.4	76.7	75.6	68.5	61.4	59.0	62.6	72.0	83.8	86.2	94.4
7.5°	95.6	89.1	87.9	79.7	70.8	69.1	75.6	89.7	102.7	108.0	114.5
10°	95.0	92.7	91.5	87.4	90.9	94.4	97.4	100.3	114.5	118.6	122.8
12.5°	99.2	99.2	102.7	105.7	114.5	122.8	124.0	124.5	131.0	132.2	136.9
15°	108.6	108.6	113.9	121.0	131.6	143.4	144.0	141.7	147.0	146.4	147.6
17.5°	123.4	124.5	128.1	135.8	148.7	159.4	161.1	157.6	158.2	165.9	162.3
20°	139.3	141.7	140.5	145.8	161.1	170.6	172.9	165.9	170.6	176.5	175.3
22.5°	159.4	158.2	154.1	158.2	171.2	180.6	178.3	172.4	175.9	188.9	191.8
25°	170.6	174.1	171.2	177.7	187.1	195.4	195.4	187.7	187.1	197.1	201.3
27.5°	191.8	190.1	181.2	194.8	201.9	198.3	206.6	204.8	190.1	206.6	213.1
30°	216.0	218.4	199.5	211.3	217.2	213.7	223.7	218.4	206.0	229.0	221.9
32.5°	254.4	249.1	234.9	233.2	236.1	241.4	234.9	233.2	232.0	250.9	255.6
35°	285.7	289.2	265.0	259.7	262.1	252.6	257.4	250.9	249.7	270.3	270.9
37.5°	344.7	334.1	306.3	295.7	289.2	291.6	285.1	277.4	279.2	300.4	309.9
40°	399.0	389.6	353.0	339.4	318.1	325.8	305.8	309.3	310.5	338.8	351.2
42.5°	446.2	431.5	400.2	387.8	368.9	349.4	348.8	345.9	348.3	378.9	391.3
45°	494.6	465.1	443.9	436.8	420.3	411.4	387.8	387.8	379.5	409.6	432.1
47.5°	528.3	505.3	478.1	467.5	458.6	475.7	434.4	423.8	424.4	441.5	469.3
50°	559.0	533.6	508.2	497.6	501.1	514.1	486.4	461.0	458.6	483.4	511.2
52.5°	567.2	537.7	517.7	525.9	545.4	537.7	536.5	497.6	491.1	518.2	551.9
55°	550.7	524.7	514.7	534.8	572.0	574.9	569.0	546.0	525.9	556.0	596.8
57.5°	493.5	471.6	481.1	514.7	566.6	606.2	601.5	581.4	566.6	595.0	639.8
60°	397.2	376.0	391.3	445.1	533.0	612.7	653.4	604.4	605.0	632.2	688.2
62.5°	273.3	259.7	281.6	334.7	459.8	613.9	703.0	646.3	642.2	677.0	731.9
65°	164.7	153.5	174.1	229.6	348.3	554.3	737.8	729.6	697.1	717.8	776.8
67.5°	100.3	94.4	102.7	128.1	212.5	402.0	678.2	775.0	753.8	748.4	814.6
70°	76.7	71.4	70.8	78.5	116.9	224.9	491.7	737.8	815.7	806.9	884.2
72.5°	67.3	63.2	59.6	60.8	70.2	108.6	268.6	568.4	790.9	832.9	926.1
75°	59.0	54.9	51.9	51.9	53.7	59.0	107.4	310.5	541.3	609.1	690.0
77.5°	49.6	46.6	44.3	44.3	44.9	43.1	54.9	113.9	221.9	260.3	310.5
80°	37.8	36.0	35.4	36.6	36.6	34.2	39.0	51.9	69.7	69.7	66.7
82.5°	24.8	23.0	26.0	26.0	26.0	23.0	27.7	32.5	36.0	28.3	25.4
85°	13.6	13.0	14.8	15.3	15.3	10.6	15.3	17.7	20.1	13.6	10.6
87.5°	2.4	3.5	4.1	4.1	4.1	3.0	5.3	5.9	6.5	5.3	3.5
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)