

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: P565315

Luminaire Tested: **IFLD-L-SA7A-AMB-U-5MQ**

Issue Date: 09/02/2021



Test Information

Test Method: LM-79-08
Report Number: P565315
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/02/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-AMB-U-5MQ
Description: STREETWORKS INFRASTRUCTURE FLOOD-- Middle Tier Light Square
Luminaire w/ 5MQ distribution lens
Light Source: (112) AMB CCT, -- CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

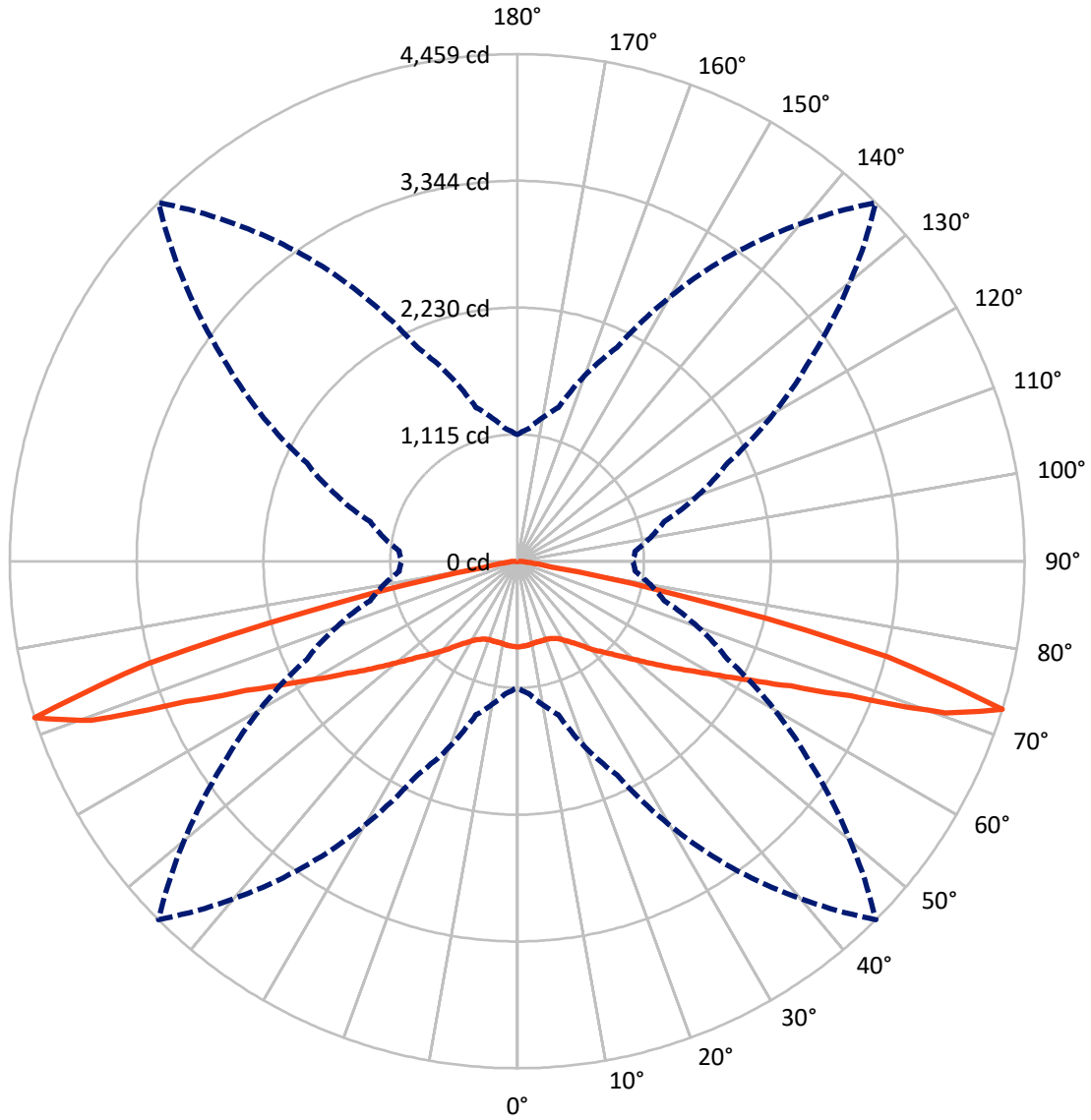
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7511 lumens
Efficiency: N/A
Efficacy: 53.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 140.5
Input Voltage (V): 120
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: 24 FT

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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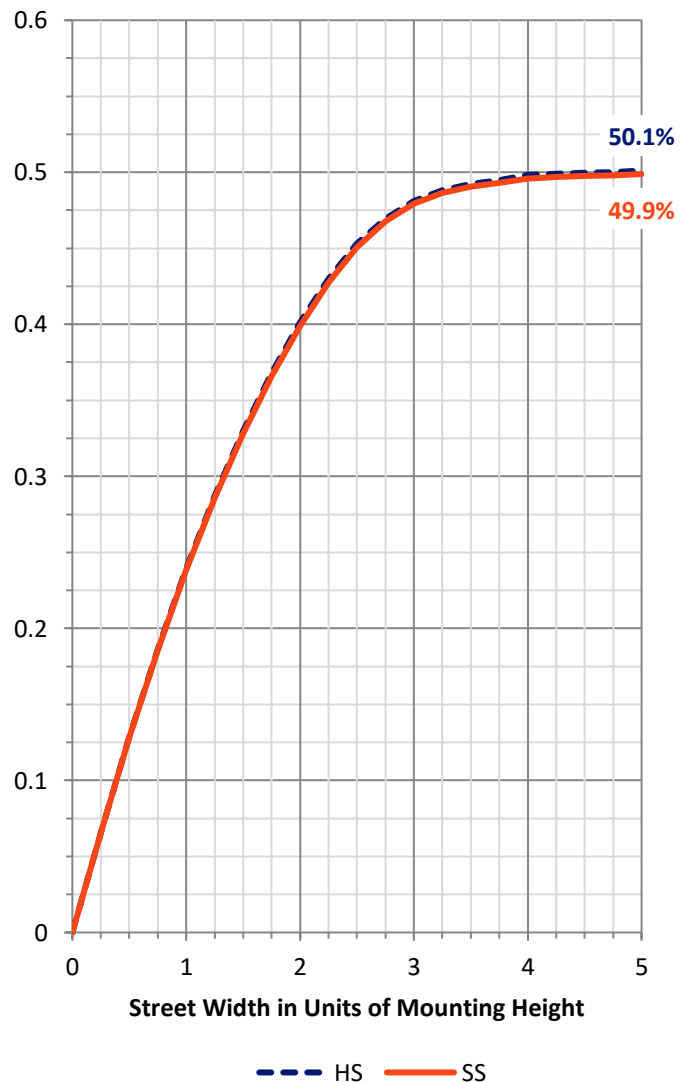
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3755.5	0.0	3755.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3755.5	0.0	3755.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7511.0	0.0	7511.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.1	0.9
10°-20°	205.9	2.7
20°-30°	344.6	4.6
30°-40°	561.0	7.5
40°-50°	917.7	12.2
50°-60°	1508.8	20.1
60°-70°	2453.3	32.7
70°-80°	1387.0	18.5
80°-90°	61.4	0.8
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°	7511.0	100.0
0°-180°	7511.0	100.0

Coefficient of Utilization

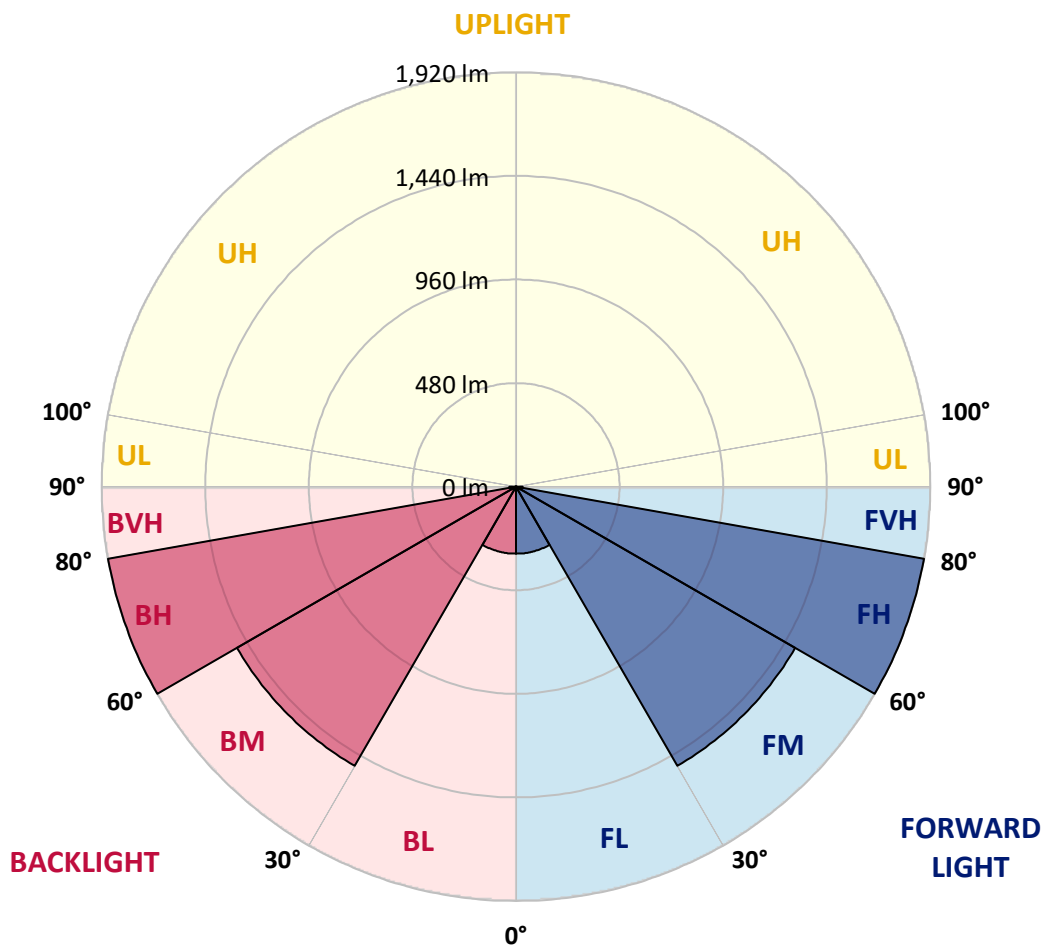


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	310.8	4.1			
FM (30°-60°)	1493.8	19.9			
FH (60°-80°)	1920.2	25.6			G2/5000
FVH (80°-90°)	30.7	0.4			G1/100
BL (0°-30°)	310.8	4.1	B1/500		
BM (30°-60°)	1493.8	19.9	B2/2500		
BH (60°-80°)	1920.2	25.6	B3/2500		G2/5000
BVH (80°-90°)	30.7	0.4			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°	754.6	754.6	754.6	754.6	754.6	754.6	754.6	754.6	754.6	754.6	754.6
2.5°	747.4	747.4	747.4	747.4	747.4	747.4	751.0	754.6	754.6	758.2	758.2
5°	747.4	747.4	747.4	747.4	747.4	747.4	751.0	751.0	751.0	751.0	754.6
7.5°	743.8	743.8	743.8	743.8	740.2	743.8	743.8	743.8	747.4	747.4	747.4
10°	733.0	733.0	733.0	733.0	733.0	736.6	736.6	736.6	736.6	740.2	740.2
12.5°	725.9	725.9	725.9	729.4	729.4	733.0	733.0	729.4	729.4	729.4	729.4
15°	722.3	718.7	722.3	725.9	729.4	733.0	733.0	725.9	725.9	722.3	722.3
17.5°	718.7	715.1	718.7	722.3	729.4	733.0	729.4	722.3	722.3	718.7	718.7
20°	711.5	711.5	715.1	722.3	729.4	733.0	733.0	722.3	718.7	715.1	715.1
22.5°	711.5	711.5	718.7	729.4	736.6	740.2	736.6	725.9	718.7	711.5	711.5
25°	718.7	718.7	729.4	740.2	751.0	754.6	747.4	736.6	729.4	718.7	715.1
27.5°	740.2	736.6	747.4	761.8	769.0	772.6	769.0	754.6	743.8	733.0	733.0
30°	776.2	772.6	783.3	797.7	804.9	804.9	797.7	786.9	776.2	765.4	765.4
32.5°	819.3	819.3	830.1	840.8	848.0	844.4	840.8	837.2	830.1	819.3	822.9
35°	855.2	858.8	876.8	891.1	898.3	891.1	891.1	891.1	884.0	873.2	869.6
37.5°	905.5	909.1	927.1	948.6	959.4	952.2	955.8	945.0	930.7	919.9	919.9
40°	977.4	977.4	998.9	1016.9	1027.7	1020.5	1024.1	1016.9	1006.1	995.4	998.9
42.5°	1049.3	1052.8	1074.4	1096.0	1096.0	1088.8	1092.4	1096.0	1088.8	1074.4	1070.8
45°	1135.5	1139.1	1164.2	1182.2	1175.0	1164.2	1175.0	1193.0	1178.6	1164.2	1167.8
47.5°	1228.9	1232.5	1261.3	1279.2	1275.6	1257.7	1279.2	1293.6	1282.8	1257.7	1254.1
50°	1329.5	1333.1	1372.6	1394.2	1397.8	1369.1	1397.8	1419.4	1397.8	1365.5	1361.9
52.5°	1444.5	1458.9	1498.4	1530.8	1523.6	1498.4	1527.2	1555.9	1537.9	1502.0	1494.8
55°	1588.2	1595.4	1642.1	1681.7	1685.3	1652.9	1688.9	1714.0	1688.9	1642.1	1635.0
57.5°	1735.6	1757.1	1800.3	1847.0	1864.9	1821.8	1872.1	1886.5	1839.8	1782.3	1778.7
60°	1886.5	1908.1	1962.0	2033.8	2066.2	2041.0	2073.3	2059.0	1990.7	1922.4	1915.2
62.5°	2127.2	2134.4	2181.1	2249.4	2303.3	2299.7	2310.5	2271.0	2224.3	2170.4	2177.6
65°	2317.7	2321.3	2418.3	2515.3	2619.5	2644.7	2612.3	2572.8	2508.1	2371.6	2375.2
67.5°	2317.7	2342.8	2511.7	2770.5	3025.6	3158.5	3036.4	2831.5	2580.0	2371.6	2378.8
70°	1997.9	1990.7	2260.2	2727.3	3442.4	3995.8	3413.7	2777.6	2249.4	1951.2	1951.2
72.5°	1113.9	1167.8	1397.8	2073.3	3291.5	4459.3	3183.7	2041.0	1336.7	1042.1	1016.9
75°	409.6	420.4	517.4	884.0	1994.3	3366.9	1915.2	815.7	438.4	362.9	362.9
77.5°	168.9	165.3	176.1	222.8	600.1	1512.8	531.8	240.8	190.4	190.4	194.0
80°	97.0	100.6	107.8	115.0	143.7	309.0	176.1	140.1	129.4	125.8	129.4
82.5°	43.1	50.3	68.3	75.5	86.2	111.4	115.0	104.2	89.8	75.5	71.9
85°	21.6	18.0	32.3	39.5	50.3	61.1	68.3	71.9	64.7	39.5	39.5
87.5°	3.6	3.6	7.2	7.2	10.8	14.4	25.2	28.7	28.7	14.4	14.4
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)