

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: P565350

Luminaire Tested: **IFLD-S-SA3A-AMB-U-RW**

Issue Date: 09/02/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P565350  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 09/02/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3A-AMB-U-RW  
Description: STREETWORKS INFRASTRUCTURE FLOOD-- Middle Tier Light Square  
Luminaire w/ RW distribution lens  
Light Source: (48) AMB CCT, -- CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

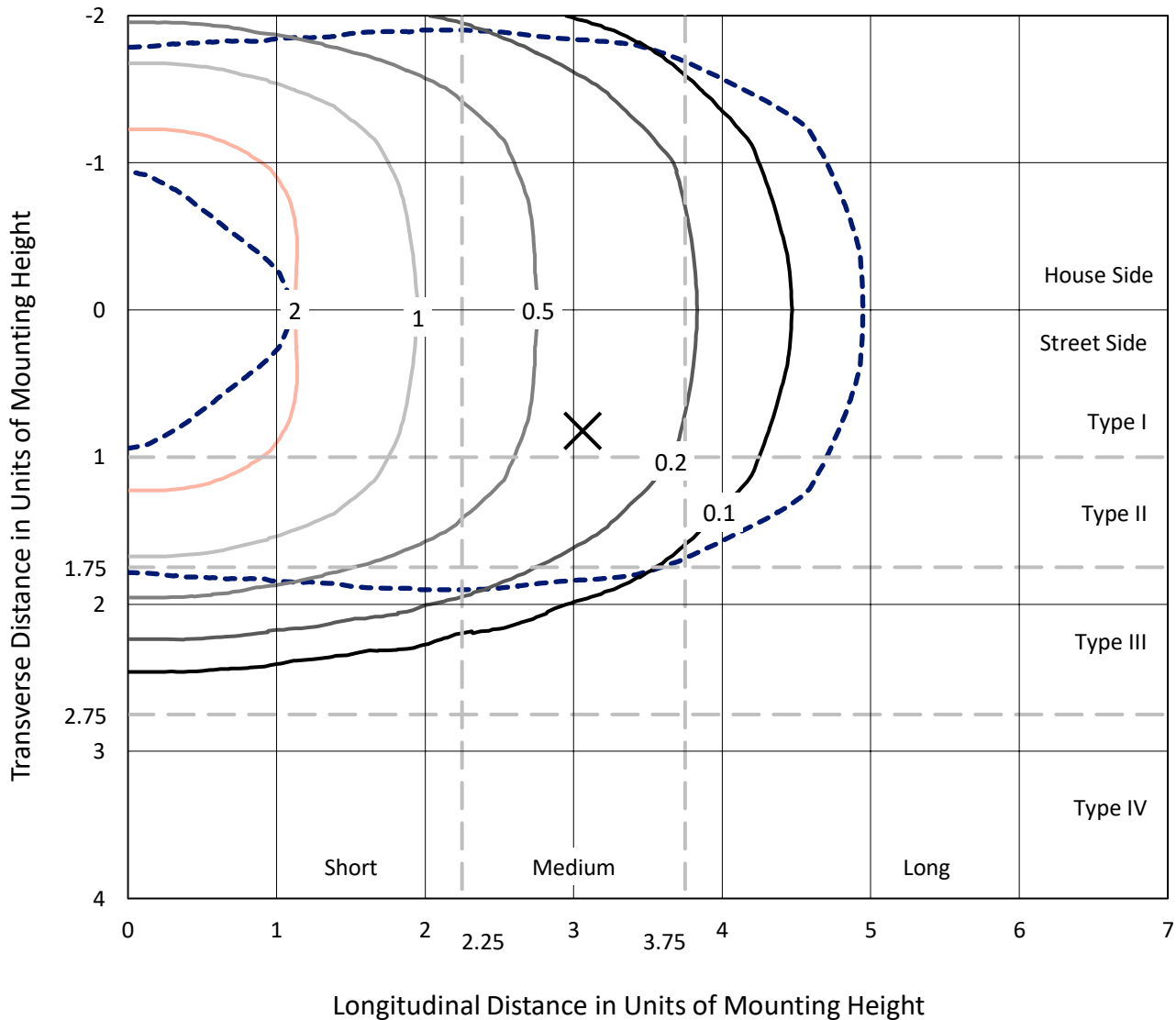
Lumens per Lamp: N/A  
Luminaire Lumens: 3369.3 lumens  
Efficiency: N/A  
Efficacy: 55.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G2

Input Watts (W): 61.2  
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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### Iso-Footcandle Lines of Horizontal Illumination

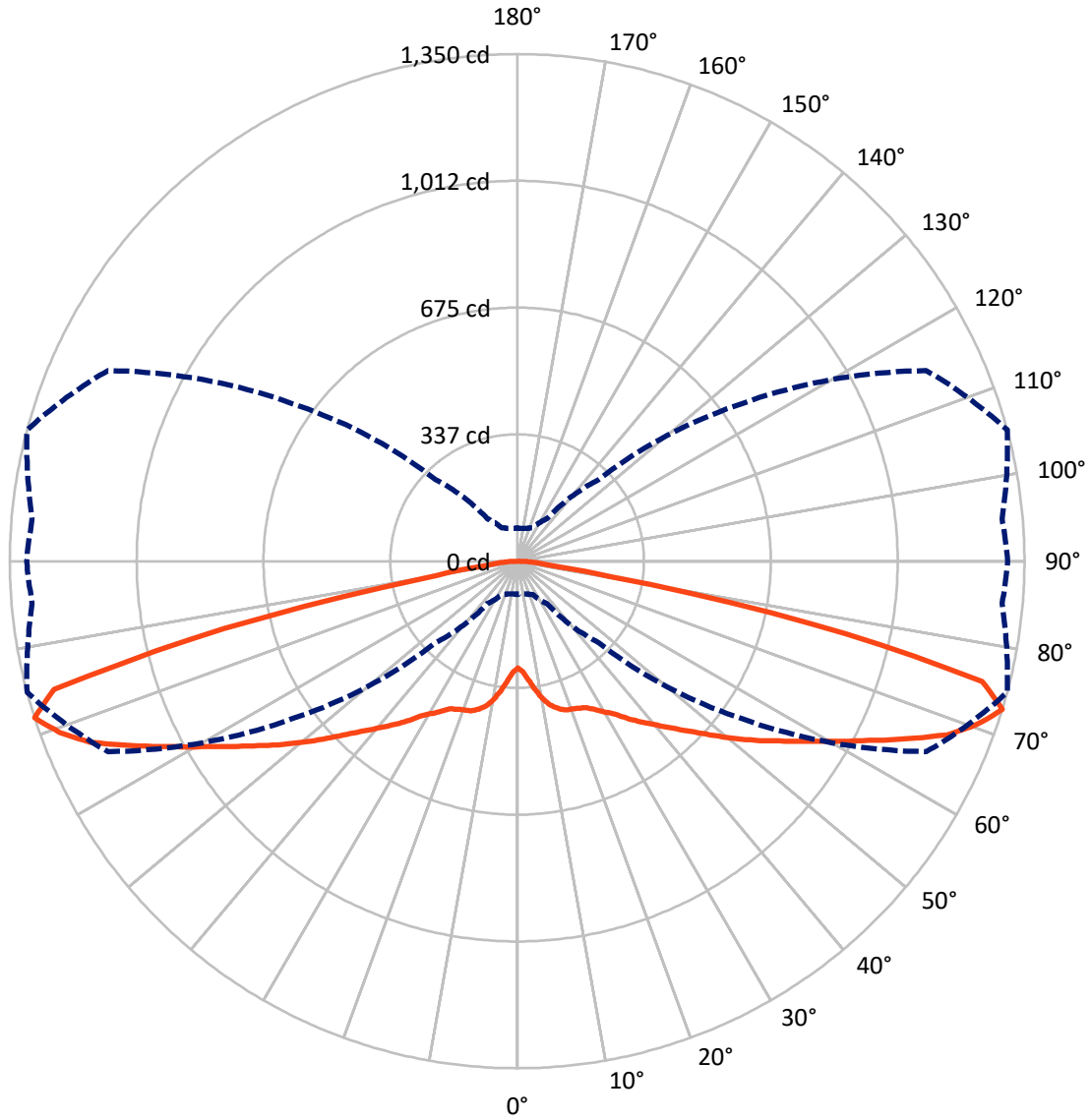
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.8 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

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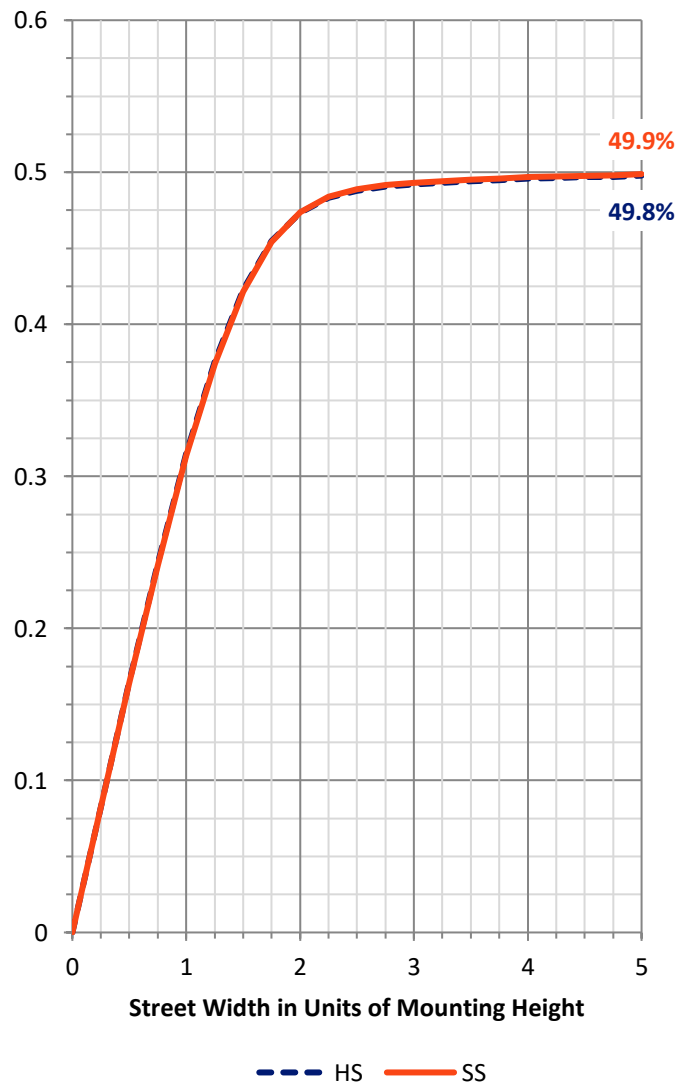
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1684.6	0.0	1684.6
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1684.6	0.0	1684.6
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3369.3	0.0	3369.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	29.8	0.9
10°-20°	104.5	3.1
20°-30°	202.4	6.0
30°-40°	345.4	10.3
40°-50°	556.0	16.5
50°-60°	797.0	23.7
60°-70°	836.9	24.8
70°-80°	460.2	13.7
80°-90°	37.3	1.1
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°	3369.3	100.0
0°-180°	3369.3	100.0

**Coefficient of Utilization**

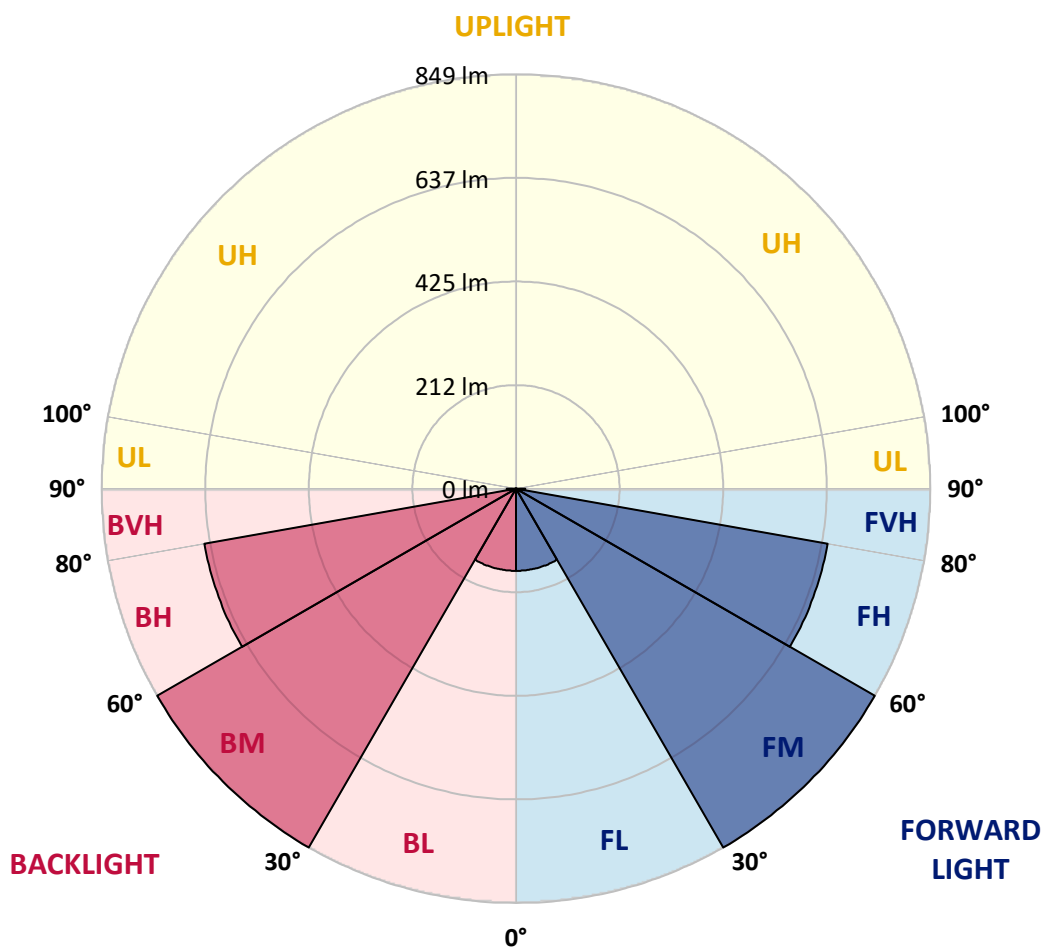


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	168.3	5.0			
FM (30°-60°)	849.1	25.2			
FH (60°-80°)	648.5	19.2			G0/660
FVH (80°-90°)	18.6	0.6			G1/100
BL (0°-30°)	168.3	5.0	B1/500		
BM (30°-60°)	849.1	25.2	B1/1000		
BH (60°-80°)	648.5	19.2	B2/1000		G2/1000
BVH (80°-90°)	18.6	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	283.9	283.9	283.9	283.9	283.9	283.9	283.9	283.9	283.9	283.9	283.9
2.5°	280.6	280.6	282.3	283.9	285.6	288.9	292.2	293.9	295.5	295.5	297.2
5°	282.3	282.3	283.9	288.9	293.9	300.5	307.2	312.1	317.1	318.8	320.4
7.5°	287.2	287.2	292.2	297.2	305.5	317.1	327.1	335.4	345.3	348.7	350.3
10°	292.2	292.2	298.9	308.8	320.4	333.7	348.7	360.3	371.9	378.6	380.2
12.5°	295.5	295.5	303.8	318.8	337.0	355.3	368.6	378.6	393.5	401.8	405.1
15°	303.8	303.8	315.5	333.7	357.0	375.2	388.5	396.8	406.8	418.4	420.1
17.5°	315.5	315.5	328.7	350.3	375.2	396.8	408.4	410.1	416.7	426.7	428.4
20°	328.7	328.7	345.3	370.3	396.8	416.7	426.7	421.7	420.1	428.4	430.0
22.5°	350.3	350.3	366.9	395.2	421.7	443.3	445.0	433.3	425.0	430.0	431.7
25°	371.9	371.9	390.2	420.1	454.9	473.2	469.9	451.6	431.7	435.0	436.7
27.5°	393.5	395.2	413.4	446.6	479.8	501.4	498.1	471.5	448.3	441.6	446.6
30°	423.4	425.0	446.6	478.2	508.1	526.3	526.3	496.4	466.6	454.9	456.6
32.5°	466.6	469.9	486.5	514.7	539.6	554.6	549.6	523.0	486.5	474.9	474.9
35°	511.4	513.0	531.3	556.2	576.1	584.4	576.1	551.2	516.4	499.8	503.1
37.5°	556.2	557.9	577.8	597.7	617.6	617.6	607.7	579.5	544.6	526.3	531.3
40°	606.0	609.3	627.6	650.8	662.5	657.5	644.2	612.7	574.5	556.2	559.5
42.5°	657.5	659.2	682.4	707.3	715.6	707.3	685.7	649.2	607.7	591.1	594.4
45°	704.0	704.0	730.5	762.1	772.1	763.8	732.2	694.0	645.9	627.6	629.3
47.5°	745.5	747.1	775.4	808.6	826.8	823.5	787.0	742.2	690.7	669.1	665.8
50°	782.0	787.0	811.9	848.4	873.3	881.6	843.4	792.0	740.5	713.9	709.0
52.5°	811.9	818.5	845.1	881.6	913.2	936.4	903.2	846.8	792.0	763.8	762.1
55°	821.9	830.2	863.4	908.2	944.7	979.6	959.7	909.9	845.1	816.9	820.2
57.5°	800.3	805.3	853.4	913.2	973.0	1017.8	1009.5	971.3	904.9	878.3	888.3
60°	710.6	720.6	782.0	866.7	971.3	1054.3	1061.0	1032.7	973.0	951.4	959.7
62.5°	561.2	567.8	640.9	750.5	908.2	1070.9	1119.1	1097.5	1051.0	1031.1	1044.3
65°	348.7	355.3	428.4	559.5	772.1	1022.8	1187.1	1180.5	1139.0	1117.4	1137.3
67.5°	195.9	199.2	237.4	323.8	537.9	878.3	1202.1	1275.1	1233.6	1198.8	1213.7
70°	111.2	111.2	124.5	171.0	290.6	614.3	1049.3	1300.0	1300.0	1253.5	1263.5
72.5°	88.0	88.0	89.7	98.0	137.8	307.2	732.2	1200.4	1349.8	1295.1	1305.0
75°	74.7	73.1	74.7	76.4	81.4	119.5	363.6	891.6	1278.5	1283.4	1291.7
77.5°	58.1	58.1	59.8	61.4	63.1	69.7	127.8	415.1	800.3	928.1	944.7
80°	43.2	43.2	46.5	46.5	46.5	51.5	66.4	129.5	250.7	313.8	300.5
82.5°	28.2	26.6	34.9	33.2	33.2	33.2	44.8	64.8	84.7	73.1	54.8
85°	16.6	16.6	19.9	19.9	19.9	18.3	26.6	38.2	49.8	33.2	24.9
87.5°	3.3	3.3	5.0	5.0	5.0	5.0	8.3	11.6	19.9	11.6	8.3
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)