

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: P846154

Luminaire Tested: **GLAN-SB1C-927-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846154
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1C-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4773 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

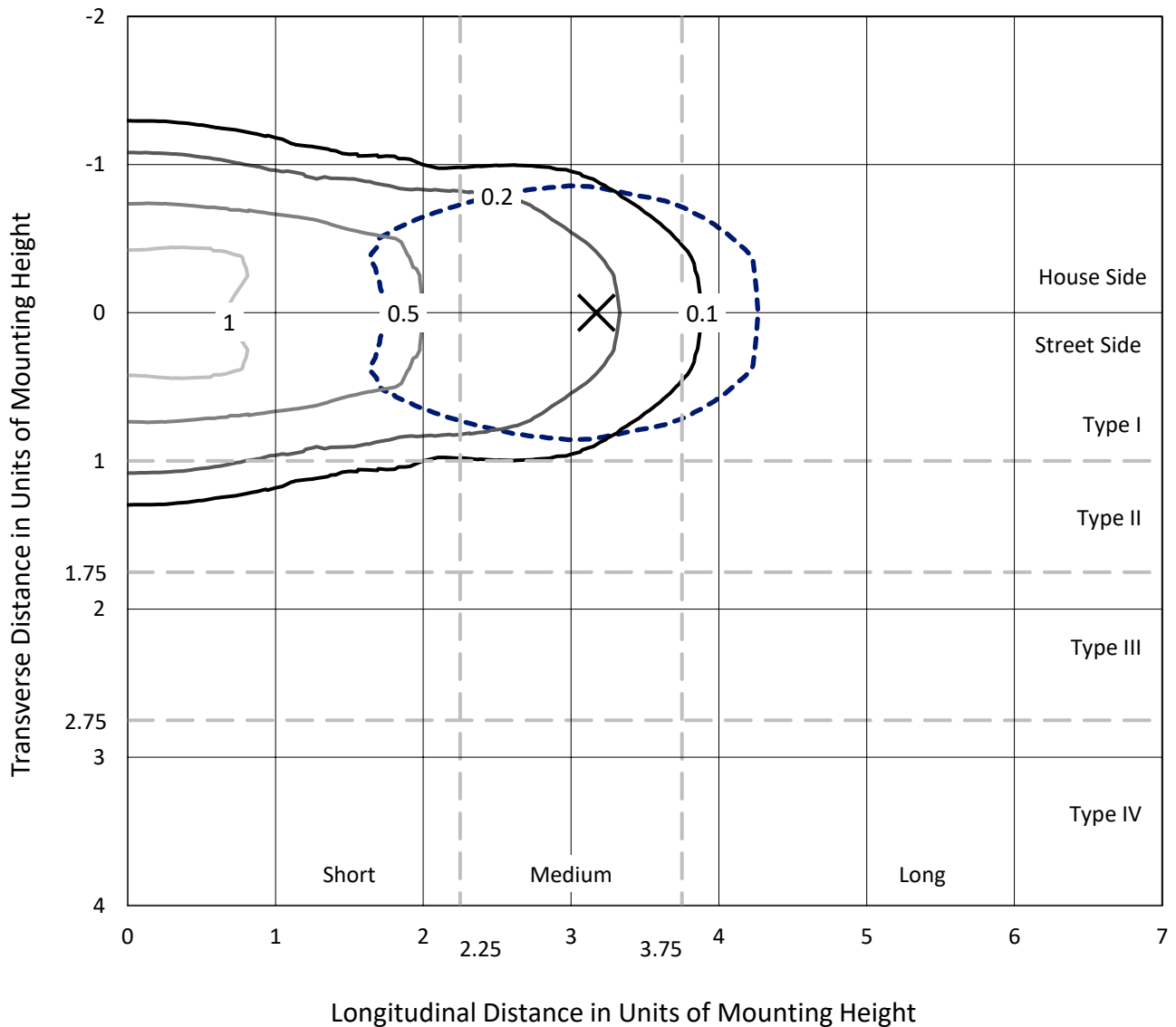
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

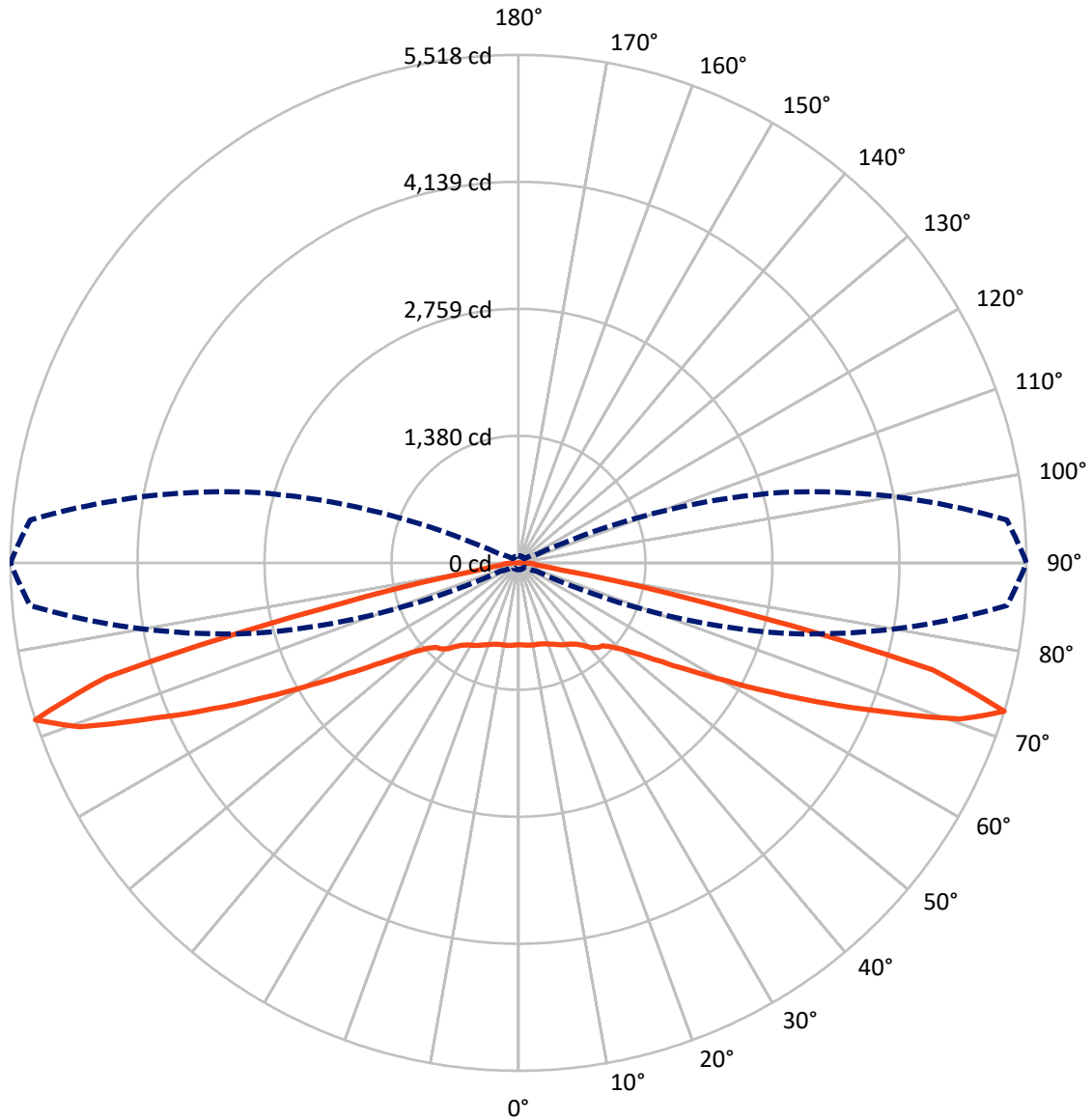
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
 Type I - 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	2386.5	0.0	2386.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2386.5	0.0	2386.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4773.0	0.0	4773.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.5	1.8
10°-20°	264.4	5.5
20°-30°	440.9	9.2
30°-40°	606.4	12.7
40°-50°	740.5	15.5
50°-60°	856.5	17.9
60°-70°	1021.3	21.4
70°-80°	712.8	14.9
80°-90°	43.8	0.9
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°	4773.0	100.0
0°-180°	4773.0	100.0

Coefficient of Utilization



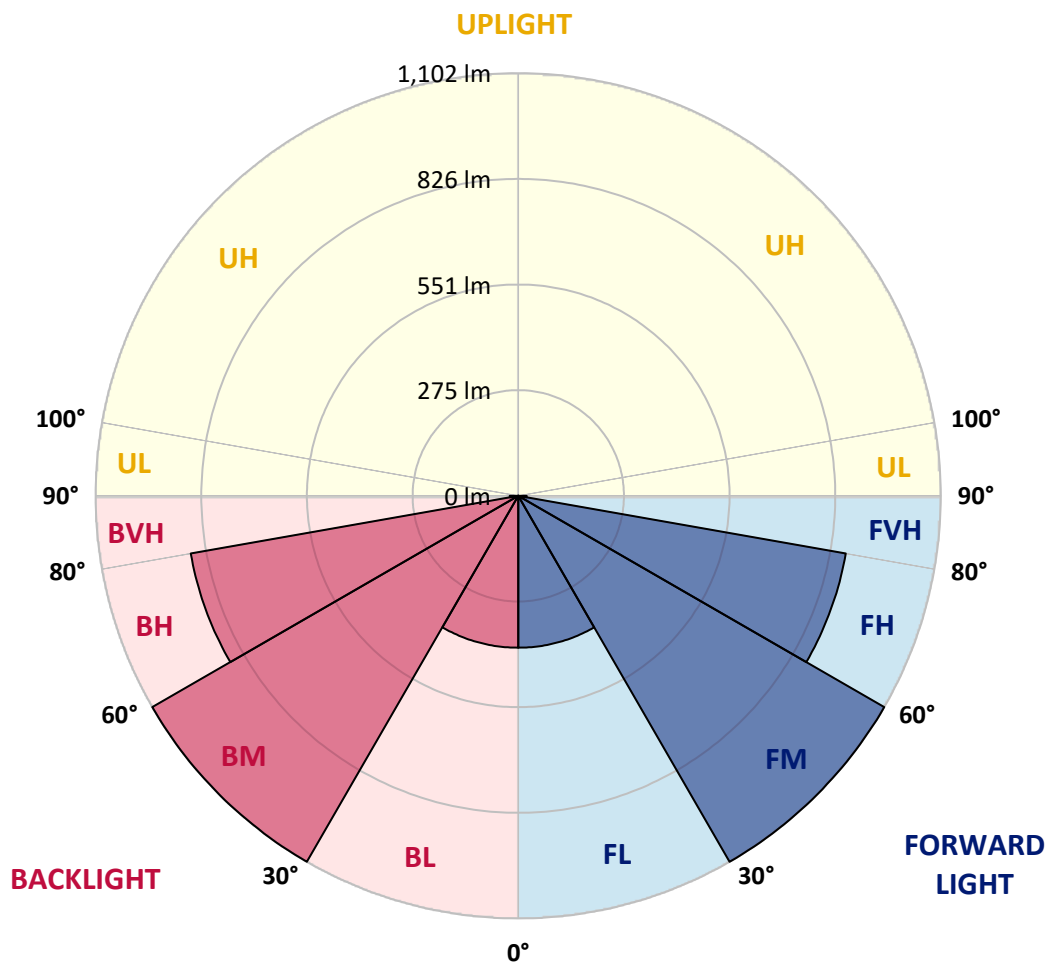
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	395.9	8.3			
FM (30°-60°)	1101.7	23.1			
FH (60°-80°)	867.0	18.2			G1/1800
FVH (80°-90°)	21.9	0.5			G1/100
BL (0°-30°)	395.9	8.3	B1/500		
BM (30°-60°)	1101.7	23.1	B2/2500		
BH (60°-80°)	867.0	18.2	B2/1000		G2/1000
BVH (80°-90°)	21.9	0.5			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 I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	891.9	891.9	891.9	891.9	891.9	891.9	891.9	891.9	891.9	891.9
2.5°	892.6	893.7	893.7	892.9	894.7	893.2	893.2	892.4	893.2	892.4
5°	897.2	898.5	899.0	898.7	901.0	899.7	899.7	898.7	899.0	898.2
7.5°	905.8	907.6	908.6	909.9	913.2	911.7	910.7	907.6	906.3	904.3
10°	908.6	910.7	914.0	920.5	928.2	928.4	925.4	917.8	911.9	907.4
12.5°	900.0	902.8	909.6	923.1	940.1	946.9	942.1	929.4	918.0	909.9
15°	889.1	892.1	902.5	922.8	947.9	963.9	963.4	946.7	928.4	915.7
17.5°	872.1	875.1	890.1	918.5	954.0	980.4	987.5	970.3	944.6	927.7
20°	841.4	844.2	865.0	904.8	956.1	997.9	1016.4	1001.2	969.3	946.2
22.5°	801.6	805.9	830.2	881.2	951.2	1016.2	1049.4	1039.0	997.9	966.0
25°	759.0	763.5	791.9	852.3	938.8	1029.4	1088.5	1081.9	1030.4	990.6
27.5°	722.2	727.0	758.0	823.6	919.5	1034.4	1127.0	1130.3	1069.7	1017.7
30°	693.3	697.8	730.8	800.6	894.7	1029.4	1160.8	1183.6	1109.8	1041.3
32.5°	661.6	667.4	702.1	772.4	865.3	1017.2	1190.2	1241.2	1156.2	1066.7
35°	621.5	626.8	663.3	733.9	826.7	997.7	1214.8	1305.1	1222.7	1105.2
37.5°	572.8	577.8	614.1	685.7	788.4	970.3	1233.6	1377.1	1301.8	1160.8
40°	523.8	528.6	562.6	631.9	742.5	935.3	1240.2	1447.7	1392.6	1237.1
42.5°	478.9	483.2	514.4	578.9	691.0	890.6	1231.5	1509.1	1474.0	1290.4
45°	437.6	441.4	469.0	529.1	637.5	836.3	1205.7	1575.0	1570.9	1328.4
47.5°	390.4	394.2	422.9	480.9	583.9	772.7	1161.8	1639.9	1705.6	1414.7
50°	332.8	336.1	365.5	425.4	528.4	704.9	1100.9	1690.9	1875.6	1545.3
52.5°	264.6	268.1	296.8	356.7	462.4	632.1	1020.7	1724.2	2071.9	1736.1
55°	196.8	199.4	224.2	278.0	380.8	549.2	920.3	1733.5	2294.7	1996.8
57.5°	142.8	144.3	160.3	200.4	288.7	445.4	798.3	1709.2	2559.7	2331.2
60°	115.7	116.2	121.0	138.8	200.6	328.2	650.9	1625.5	2847.4	2762.2
62.5°	105.0	105.0	106.3	111.1	135.7	216.6	472.6	1452.0	3155.8	3306.8
65°	97.7	97.7	98.2	100.5	107.0	138.0	298.3	1169.4	3415.9	3944.7
67.5°	91.1	91.3	91.1	91.8	95.6	102.0	173.0	807.7	3555.9	4605.8
70°	84.2	84.7	83.5	83.5	86.5	86.8	108.3	442.9	3439.7	5159.8
72.5°	76.1	76.9	74.8	74.3	76.6	75.6	81.4	212.6	2953.2	5325.2
75°	69.0	70.0	65.4	64.2	64.2	63.4	66.2	109.1	1916.7	4344.0
77.5°	62.7	64.7	57.3	53.3	52.3	50.0	54.0	66.7	838.4	2039.5
80°	51.7	54.5	47.2	42.4	40.6	38.0	42.6	46.7	249.4	473.6
82.5°	38.6	39.8	33.5	30.2	28.7	26.9	32.0	32.5	81.2	167.7
85°	24.6	25.1	20.5	17.8	17.0	16.2	20.3	17.8	30.9	123.3
87.5°	8.6	9.9	7.9	7.1	7.6	6.3	9.4	5.3	8.6	87.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

891.9
892.4
898.2
904.3
906.6
908.6
913.7
924.9
941.9
960.1
982.4
1009.1
1028.9
1050.9
1087.7
1137.4
1212.3
1258.4
1285.3
1365.0
1482.9
1659.2
1900.7
2210.2
2609.7
3102.6
3686.5
4327.0
5086.5
5518.0
4646.4
1997.1
453.6
189.5
179.1
107.8
0.0

OF REPORT)