

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: P846124

Luminaire Tested: **GLAN-SB1C-835-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846124
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-835-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6136 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

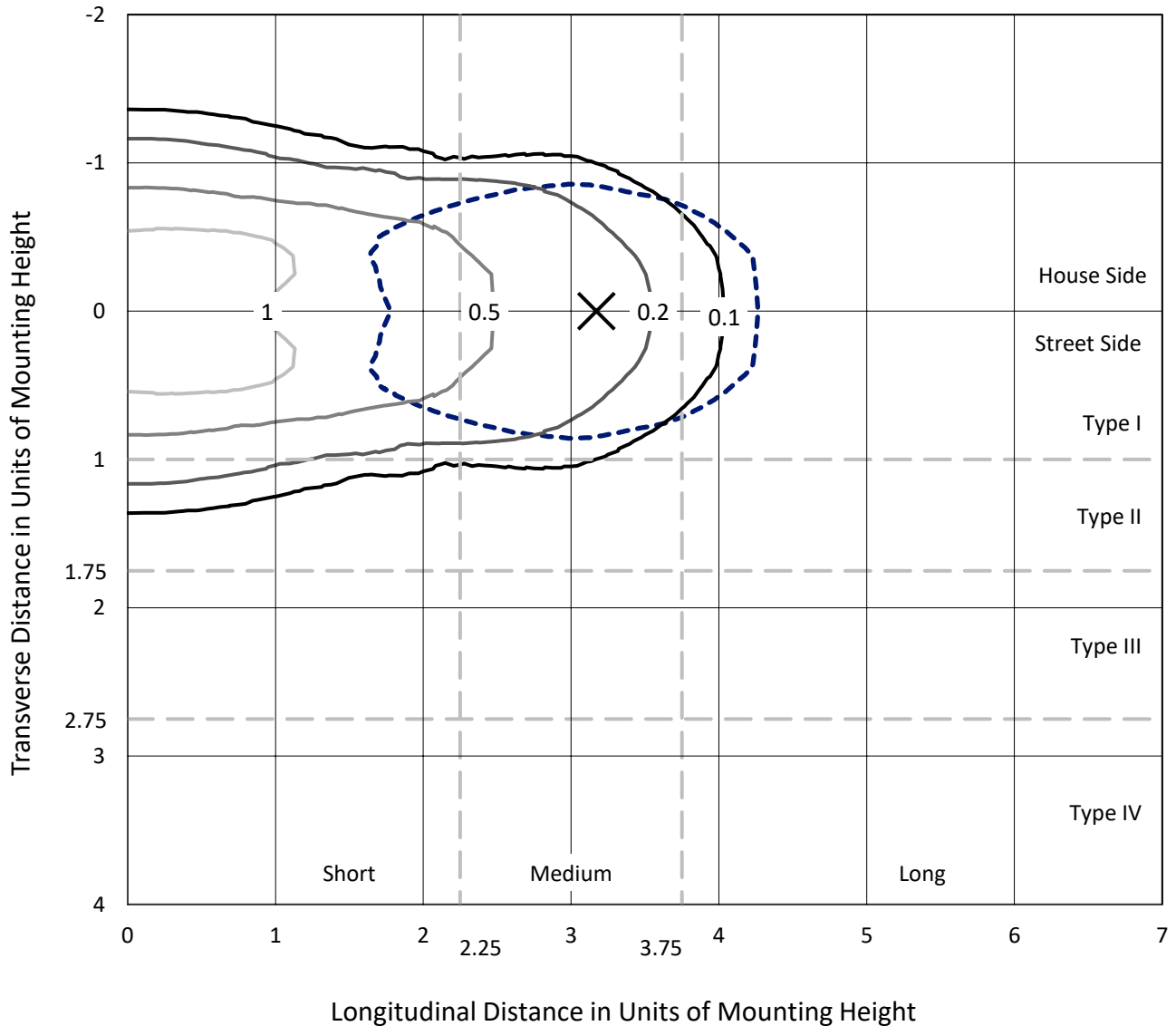
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

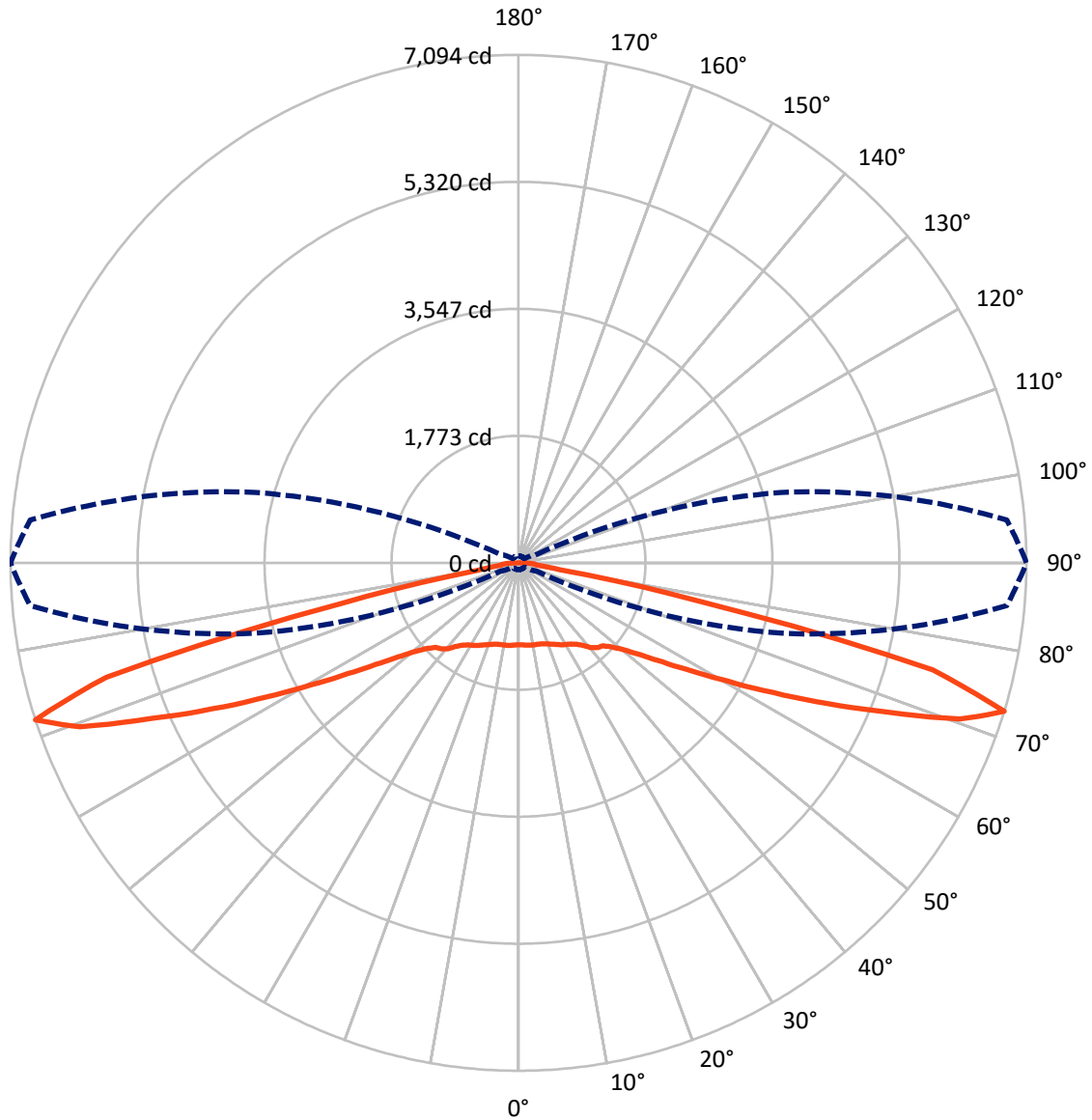
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 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	3068.0	0.0	3068.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3068.0	0.0	3068.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6136.0	0.0	6136.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.2	1.8
10°-20°	339.9	5.5
20°-30°	566.8	9.2
30°-40°	779.5	12.7
40°-50°	952.0	15.5
50°-60°	1101.1	17.9
60°-70°	1312.9	21.4
70°-80°	916.3	14.9
80°-90°	56.3	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°	6136.0	100.0
0°-180°	6136.0	100.0

Coefficient of Utilization



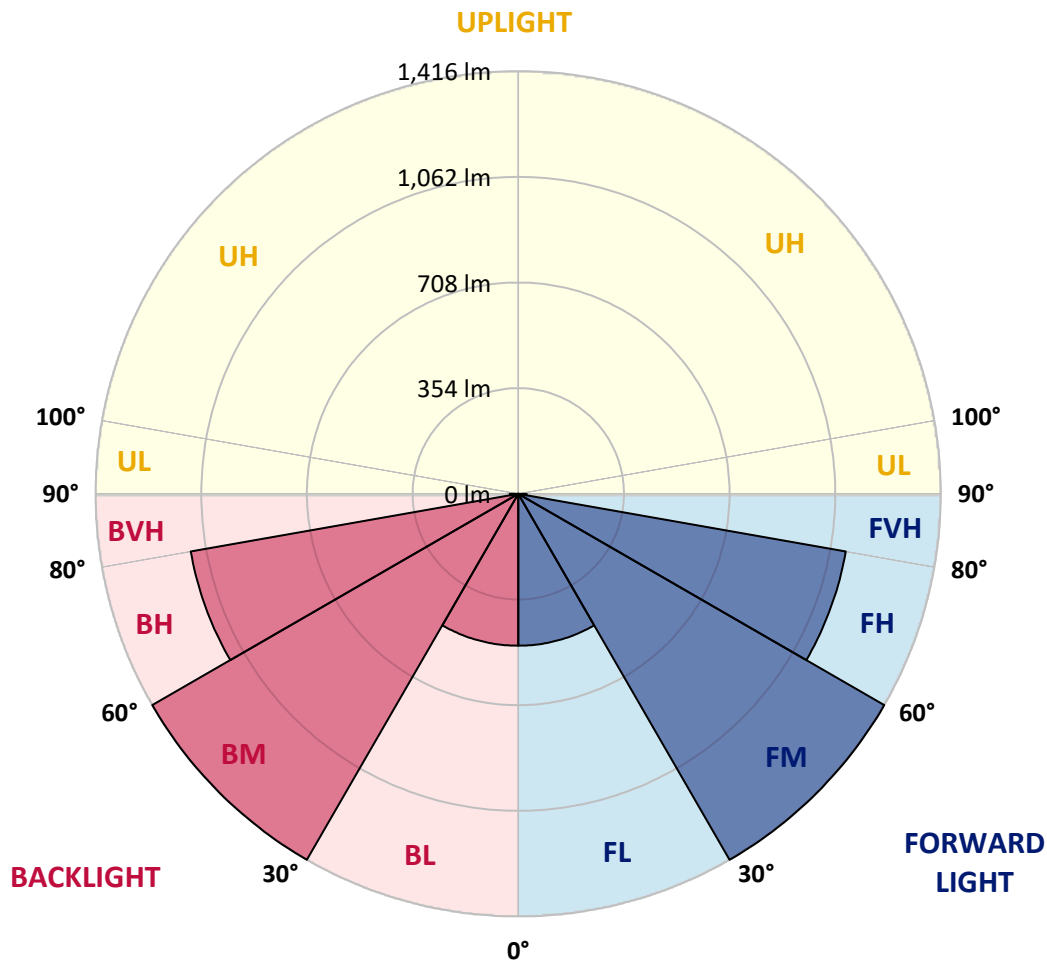
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	508.9	8.3			
FM (30°-60°)	1416.3	23.1			
FH (60°-80°)	1114.6	18.2			G1/1800
FVH (80°-90°)	28.1	0.5			G1/100
BL (0°-30°)	508.9	8.3	B2/1000		
BM (30°-60°)	1416.3	23.1	B2/2500		
BH (60°-80°)	1114.6	18.2	B3/2500		G3/2500
BVH (80°-90°)	28.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1146.6	1146.6	1146.6	1146.6	1146.6	1146.6	1146.6	1146.6	1146.6	1146.6
2.5°	1147.6	1148.9	1148.9	1147.9	1150.2	1148.2	1148.2	1147.2	1148.2	1147.2
5°	1153.4	1155.1	1155.7	1155.4	1158.3	1156.7	1156.7	1155.4	1155.7	1154.7
7.5°	1164.5	1166.8	1168.1	1169.7	1174.0	1172.0	1170.7	1166.8	1165.2	1162.6
10°	1168.1	1170.7	1174.9	1183.4	1193.2	1193.5	1189.6	1179.8	1172.3	1166.5
12.5°	1157.0	1160.6	1169.4	1186.7	1208.5	1217.3	1211.1	1194.8	1180.2	1169.7
15°	1143.0	1146.9	1160.3	1186.4	1218.6	1239.2	1238.5	1217.0	1193.5	1177.2
17.5°	1121.1	1125.1	1144.3	1180.8	1226.5	1260.4	1269.5	1247.3	1214.4	1192.6
20°	1081.7	1085.3	1112.0	1163.2	1229.1	1282.9	1306.7	1287.1	1246.0	1216.4
22.5°	1030.5	1036.0	1067.3	1132.9	1222.9	1306.4	1349.1	1335.7	1282.9	1241.8
25°	975.7	981.6	1018.1	1095.7	1206.9	1323.3	1399.3	1390.8	1324.6	1273.4
27.5°	928.4	934.6	974.4	1058.9	1182.1	1329.8	1448.9	1453.1	1375.2	1308.3
30°	891.2	897.1	939.5	1029.2	1150.2	1323.3	1492.2	1521.6	1426.7	1338.7
32.5°	850.5	858.0	902.7	993.0	1112.3	1307.7	1530.1	1595.6	1486.4	1371.3
35°	799.0	805.8	852.8	943.4	1062.8	1282.6	1561.7	1677.8	1571.8	1420.8
37.5°	736.3	742.9	789.5	881.5	1013.5	1247.3	1585.8	1770.4	1673.6	1492.2
40°	673.4	679.6	723.3	812.3	954.5	1202.3	1594.3	1861.1	1790.3	1590.4
42.5°	615.7	621.2	661.3	744.2	888.3	1144.9	1583.2	1940.0	1895.0	1658.9
45°	562.5	567.4	603.0	680.2	819.5	1075.2	1550.0	2024.8	2019.6	1707.8
47.5°	501.9	506.8	543.6	618.3	750.7	993.3	1493.5	2108.3	2192.7	1818.7
50°	427.8	432.1	469.9	546.9	679.3	906.2	1415.3	2173.8	2411.2	1986.6
52.5°	340.1	344.7	381.5	458.5	594.5	812.6	1312.2	2216.5	2663.6	2231.8
55°	253.1	256.3	288.3	357.4	489.5	706.0	1183.1	2228.6	2949.9	2567.1
57.5°	183.6	185.6	206.1	257.6	371.1	572.6	1026.2	2197.3	3290.7	2996.9
60°	148.7	149.4	155.6	178.4	257.9	422.0	836.8	2089.7	3660.5	3550.9
62.5°	135.0	135.0	136.6	142.8	174.5	278.5	607.5	1866.6	4057.0	4251.1
65°	125.5	125.5	126.2	129.1	137.6	177.4	383.5	1503.3	4391.3	5071.2
67.5°	117.1	117.4	117.1	118.0	122.9	131.1	222.4	1038.3	4571.3	5921.0
70°	108.3	108.9	107.3	107.3	111.2	111.5	139.2	569.4	4421.9	6633.3
72.5°	97.8	98.8	96.2	95.5	98.5	97.2	104.7	273.3	3796.5	6845.9
75°	88.7	90.0	84.1	82.5	82.5	81.5	85.1	140.2	2464.0	5584.5
77.5°	80.5	83.2	73.7	68.5	67.2	64.2	69.5	85.8	1077.8	2621.9
80°	66.5	70.1	60.7	54.5	52.2	48.9	54.8	60.0	320.6	608.8
82.5°	49.6	51.2	43.0	38.8	36.8	34.6	41.1	41.7	104.4	215.6
85°	31.6	32.3	26.4	22.8	21.8	20.9	26.1	22.8	39.8	158.5
87.5°	11.1	12.7	10.1	9.1	9.8	8.2	12.1	6.8	11.1	111.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1146.6
1147.2
1154.7
1162.6
1165.5
1168.1
1174.6
1189.0
1210.8
1234.3
1263.0
1297.2
1322.7
1351.0
1398.3
1462.2
1558.4
1617.8
1652.4
1754.8
1906.4
2133.0
2443.5
2841.3
3354.9
3988.6
4739.2
5562.7
6539.0
7093.7
5973.2
2567.4
583.1
243.6
230.2
138.6
0.0

OF REPORT)