

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: P846374

Luminaire Tested: **GLAN-SB2A-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846374
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-SB2A-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6940 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

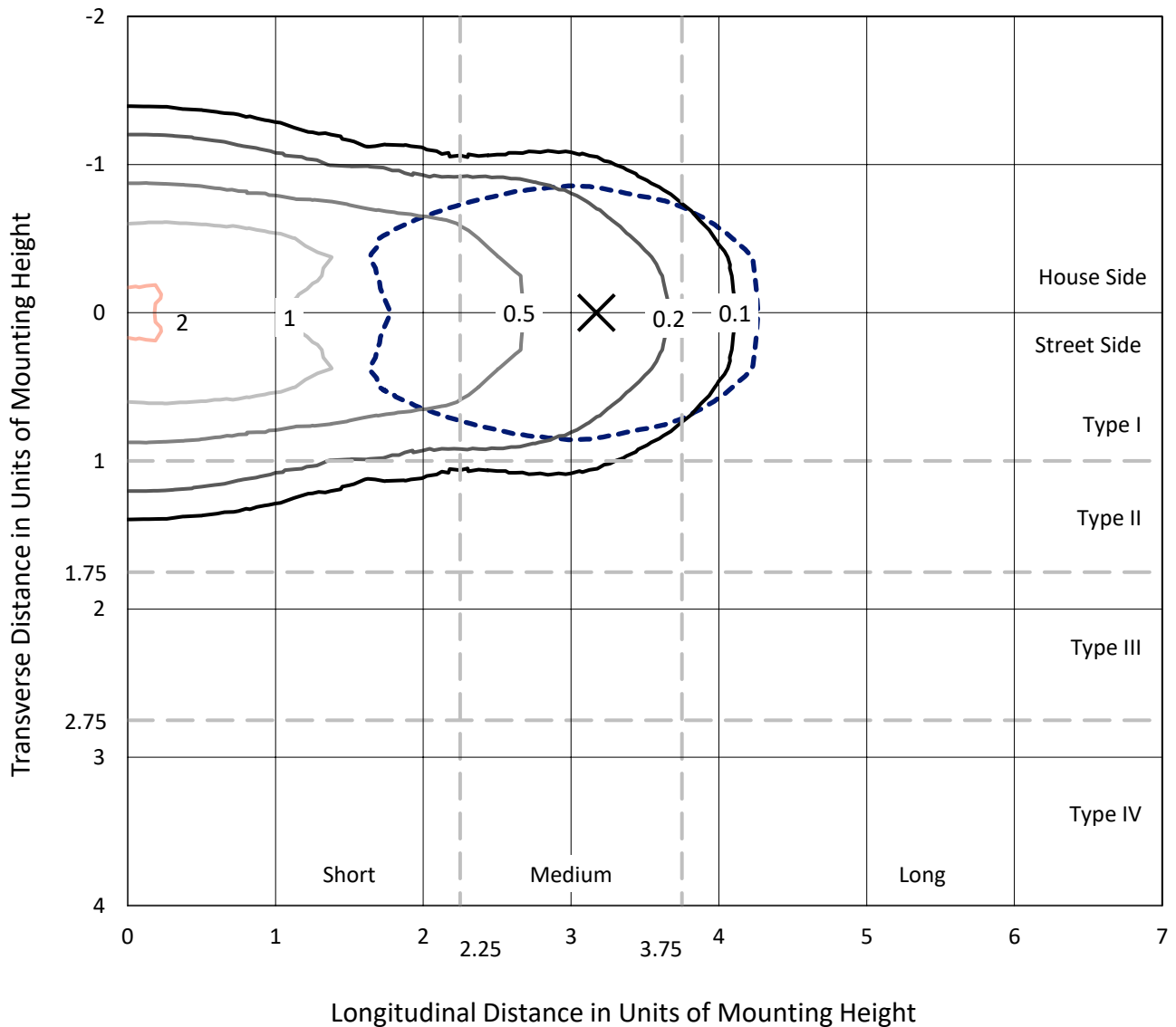
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

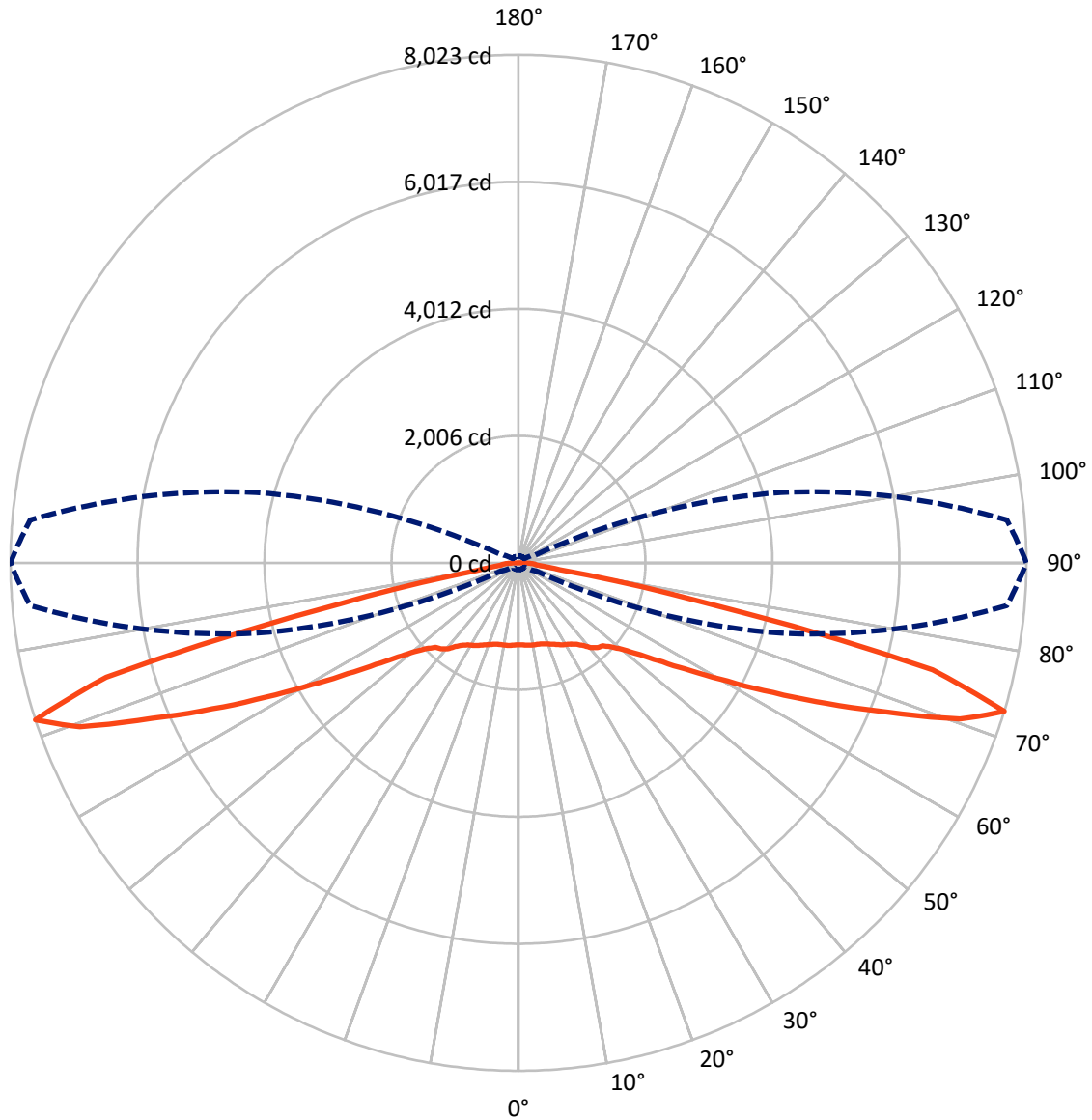
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 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	3470.0	0.0	3470.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3470.0	0.0	3470.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6940.0	0.0	6940.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.7	1.8
10°-20°	384.5	5.5
20°-30°	641.1	9.2
30°-40°	881.7	12.7
40°-50°	1076.8	15.5
50°-60°	1245.4	17.9
60°-70°	1484.9	21.4
70°-80°	1036.4	14.9
80°-90°	63.7	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°	6940.0	100.0
0°-180°	6940.0	100.0

Coefficient of Utilization



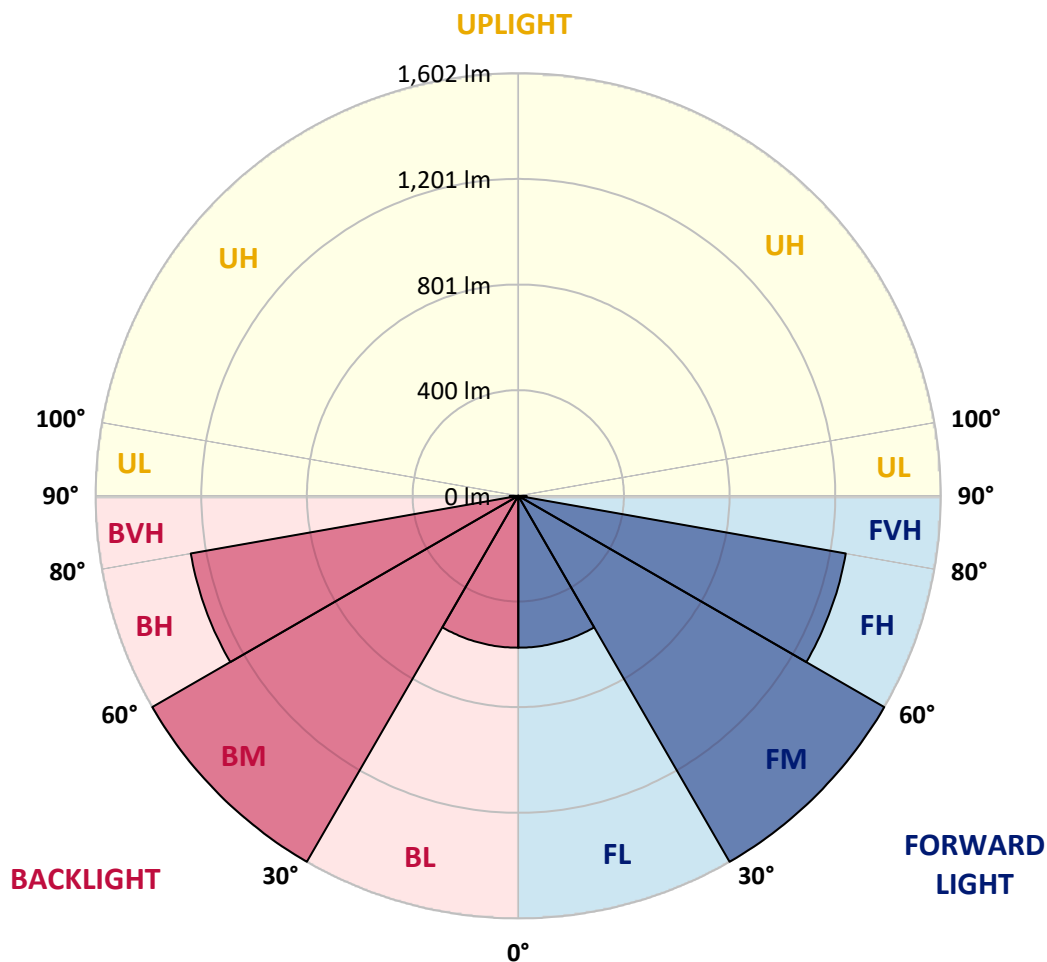
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	575.6	8.3			
FM (30°-60°)	1601.9	23.1			
FH (60°-80°)	1260.6	18.2			G1/1800
FVH (80°-90°)	31.8	0.5			G1/100
BL (0°-30°)	575.6	8.3	B2/1000		
BM (30°-60°)	1601.9	23.1	B2/2500		
BH (60°-80°)	1260.6	18.2	B3/2500		G3/2500
BVH (80°-90°)	31.8	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°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8
2.5°	1297.9	1299.4	1299.4	1298.3	1300.9	1298.7	1298.7	1297.5	1298.7	1297.5
5°	1304.6	1306.4	1307.1	1306.8	1310.1	1308.2	1308.2	1306.8	1307.1	1306.0
7.5°	1317.1	1319.7	1321.2	1323.0	1327.8	1325.6	1324.1	1319.7	1317.8	1314.9
10°	1321.2	1324.1	1328.9	1338.5	1349.6	1349.9	1345.5	1334.4	1325.9	1319.3
12.5°	1308.6	1312.7	1322.6	1342.2	1366.9	1376.8	1369.8	1351.4	1334.8	1323.0
15°	1292.8	1297.2	1312.3	1341.8	1378.3	1401.6	1400.8	1376.5	1349.9	1331.5
17.5°	1268.0	1272.5	1294.2	1335.5	1387.2	1425.5	1435.9	1410.8	1373.5	1348.8
20°	1223.4	1227.5	1257.7	1315.6	1390.1	1451.0	1477.9	1455.8	1409.3	1375.7
22.5°	1165.5	1171.8	1207.2	1281.3	1383.1	1477.5	1525.9	1510.7	1451.0	1404.5
25°	1103.5	1110.2	1151.5	1239.3	1365.0	1496.7	1582.7	1573.1	1498.2	1440.3
27.5°	1050.1	1057.1	1102.1	1197.6	1337.0	1504.1	1638.7	1643.5	1555.4	1479.8
30°	1008.0	1014.7	1062.6	1164.0	1300.9	1496.7	1687.8	1721.0	1613.6	1514.1
32.5°	961.9	970.4	1020.9	1123.1	1258.1	1479.0	1730.6	1804.7	1681.1	1550.9
35°	903.6	911.4	964.5	1067.0	1202.0	1450.6	1766.3	1897.6	1777.8	1607.0
37.5°	832.8	840.2	892.9	997.0	1146.3	1410.8	1793.6	2002.4	1892.8	1687.8
40°	761.6	768.6	818.1	918.8	1079.6	1359.9	1803.2	2104.9	2024.9	1798.8
42.5°	696.4	702.6	748.0	841.7	1004.7	1295.0	1790.7	2194.2	2143.3	1876.2
45°	636.2	641.8	682.0	769.4	926.9	1216.0	1753.1	2290.1	2284.2	1931.6
47.5°	567.6	573.2	614.8	699.3	849.1	1123.5	1689.2	2384.5	2480.0	2057.0
50°	483.9	488.7	531.5	618.5	768.3	1025.0	1600.7	2458.6	2727.1	2246.9
52.5°	384.7	389.9	431.5	518.6	672.4	919.1	1484.2	2506.9	3012.6	2524.3
55°	286.2	289.9	326.0	404.2	553.6	798.5	1338.1	2520.6	3336.5	2903.4
57.5°	207.7	209.9	233.1	291.4	419.7	647.7	1160.7	2485.2	3721.9	3389.6
60°	168.2	168.9	175.9	201.8	291.7	477.3	946.4	2363.5	4140.1	4016.2
62.5°	152.7	152.7	154.5	161.5	197.3	315.0	687.1	2111.2	4588.6	4808.1
65°	142.0	142.0	142.7	146.1	155.6	200.6	433.7	1700.3	4966.7	5735.7
67.5°	132.4	132.8	132.4	133.5	139.0	148.3	251.5	1174.4	5170.3	6696.9
70°	122.5	123.2	121.3	121.3	125.8	126.1	157.5	644.0	5001.4	7502.4
72.5°	110.6	111.8	108.8	108.1	111.4	109.9	118.4	309.1	4293.9	7742.9
75°	100.3	101.8	95.2	93.3	93.3	92.2	96.3	158.6	2786.9	6316.2
77.5°	91.1	94.1	83.4	77.5	76.0	72.7	78.6	97.0	1219.0	2965.4
80°	75.2	79.3	68.6	61.6	59.0	55.3	62.0	67.9	362.6	688.6
82.5°	56.1	57.9	48.7	43.9	41.7	39.1	46.5	47.2	118.0	243.8
85°	35.8	36.5	29.9	25.8	24.7	23.6	29.5	25.8	45.0	179.3
87.5°	12.5	14.4	11.4	10.3	11.1	9.2	13.6	7.7	12.5	126.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1296.8
1297.5
1306.0
1314.9
1318.2
1321.2
1328.5
1344.8
1369.5
1396.0
1428.5
1467.2
1496.0
1528.1
1581.6
1653.8
1762.6
1829.8
1868.9
1984.7
2156.2
2412.5
2763.7
3213.6
3794.5
4511.2
5360.2
6291.5
7395.8
8023.2
6755.9
2903.8
659.5
275.5
260.4
156.8
0.0

OF REPORT)