

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: P846204

Luminaire Tested: **GLAN-SB1D-722-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846204  
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-SB1D-722-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7875 lumens  
Efficiency: N/A  
Efficacy: 98.9 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

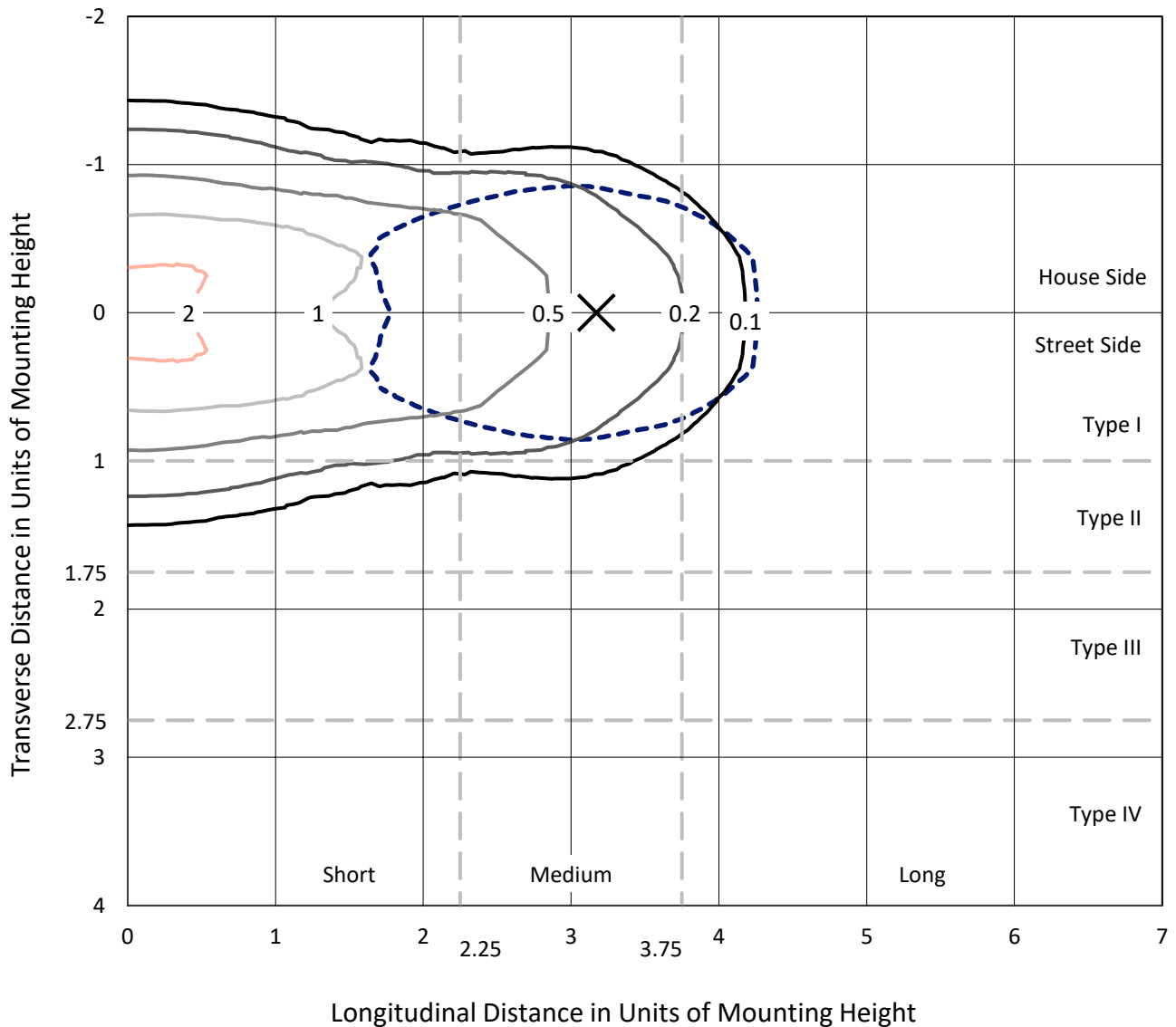
Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

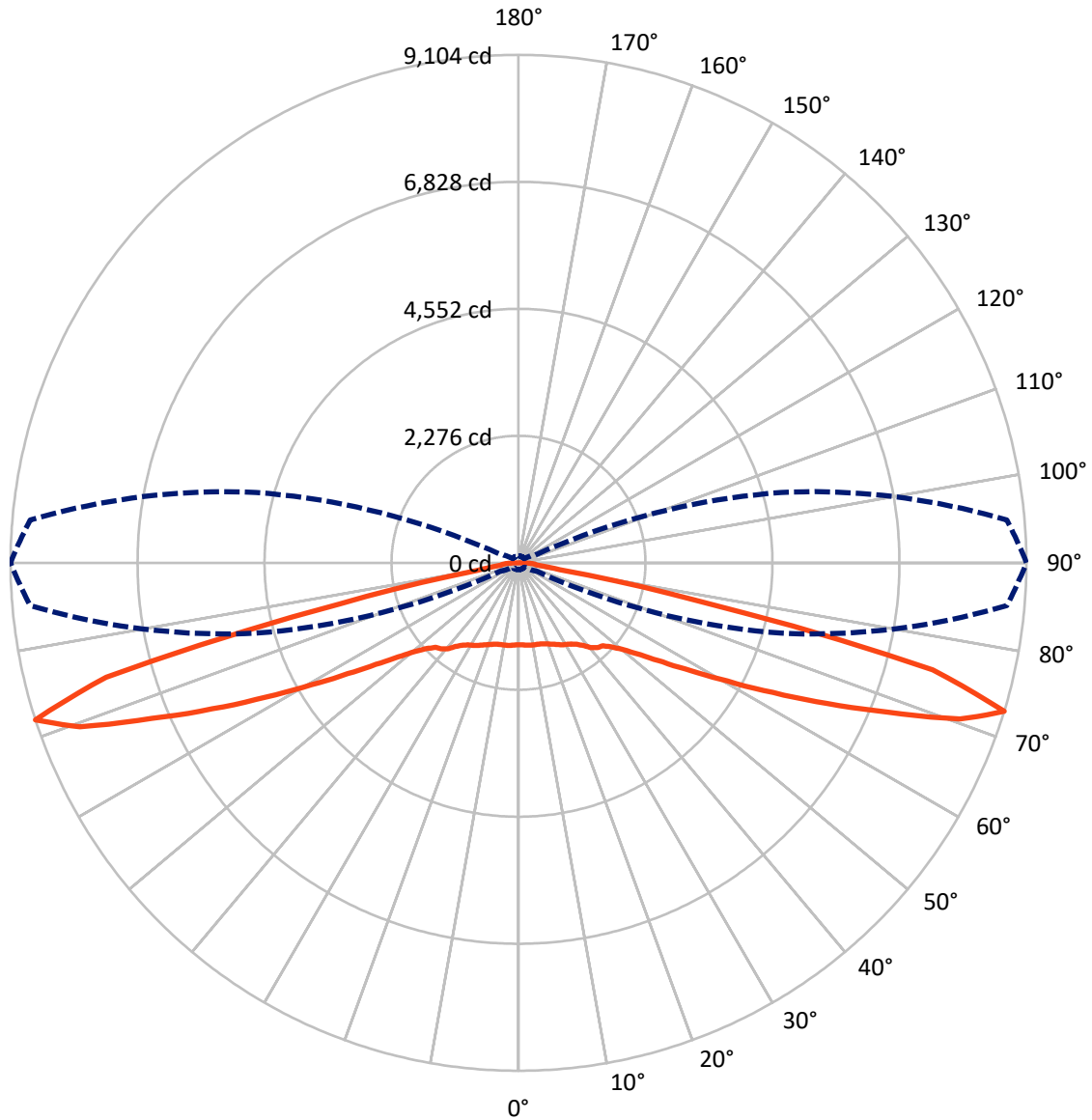
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 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
<b>House Side</b>	Lumens	3937.5	0.0	3937.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3937.5	0.0	3937.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7875.0	0.0	7875.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	142.7	1.8
10°-20°	436.3	5.5
20°-30°	727.4	9.2
30°-40°	1000.5	12.7
40°-50°	1221.8	15.5
50°-60°	1413.2	17.9
60°-70°	1685.0	21.4
70°-80°	1176.0	14.9
80°-90°	72.2	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°	7875.0	100.0
0°-180°	7875.0	100.0

**Coefficient of Utilization**



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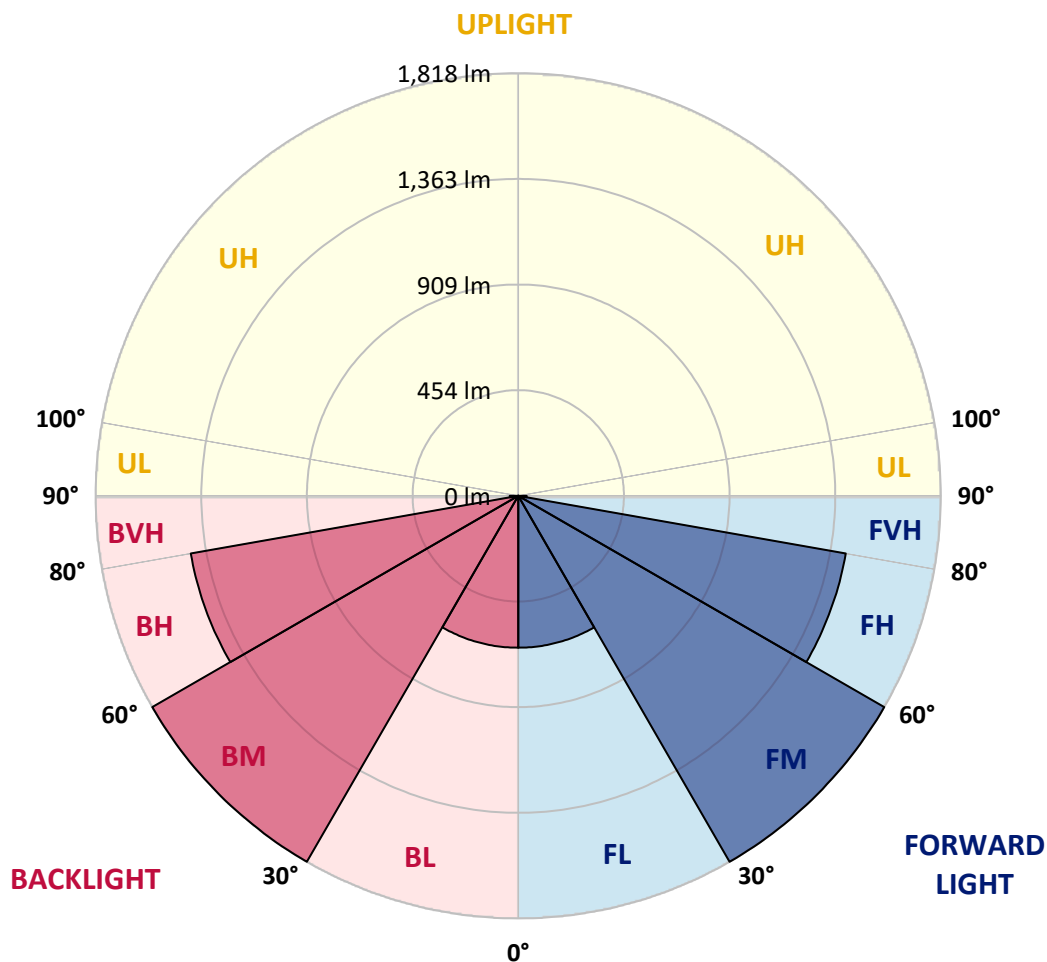
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	653.2	8.3			
FM (30°-60°)	1817.7	23.1			
FH (60°-80°)	1430.5	18.2			G1/1800
FVH (80°-90°)	36.1	0.5			G1/100
BL (0°-30°)	653.2	8.3	B2/1000		
BM (30°-60°)	1817.7	23.1	B2/2500		
BH (60°-80°)	1430.5	18.2	B3/2500		G3/2500
BVH (80°-90°)	36.1	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°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
2.5°	1472.8	1474.5	1474.5	1473.2	1476.1	1473.6	1473.6	1472.4	1473.6	1472.4
5°	1480.3	1482.4	1483.2	1482.8	1486.6	1484.5	1484.5	1482.8	1483.2	1482.0
7.5°	1494.5	1497.5	1499.1	1501.2	1506.7	1504.2	1502.5	1497.5	1495.4	1492.0
10°	1499.1	1502.5	1507.9	1518.8	1531.4	1531.8	1526.8	1514.2	1504.6	1497.1
12.5°	1484.9	1489.5	1500.8	1523.0	1551.0	1562.3	1554.4	1533.5	1514.6	1501.2
15°	1466.9	1471.9	1489.1	1522.6	1564.0	1590.4	1589.6	1561.9	1531.8	1510.9
17.5°	1438.9	1443.9	1468.6	1515.5	1574.1	1617.6	1629.3	1600.9	1558.6	1530.5
20°	1388.2	1392.8	1427.2	1492.9	1577.4	1646.5	1677.0	1651.9	1599.2	1561.1
22.5°	1322.5	1329.6	1369.8	1453.9	1569.5	1676.6	1731.4	1714.3	1646.5	1593.7
25°	1252.2	1259.8	1306.6	1406.2	1549.0	1698.4	1795.9	1785.0	1700.0	1634.3
27.5°	1191.5	1199.5	1250.5	1358.9	1517.1	1706.7	1859.5	1864.9	1764.9	1679.1
30°	1143.8	1151.4	1205.8	1320.9	1476.1	1698.4	1915.2	1952.8	1831.0	1718.0
32.5°	1091.5	1101.1	1158.5	1274.4	1427.6	1678.3	1963.7	2047.8	1907.6	1759.9
35°	1025.4	1034.2	1094.4	1210.8	1364.0	1646.1	2004.3	2153.3	2017.3	1823.5
37.5°	945.0	953.4	1013.2	1131.3	1300.8	1600.9	2035.3	2272.2	2147.9	1915.2
40°	864.3	872.2	928.3	1042.5	1225.0	1543.1	2046.2	2388.5	2297.7	2041.1
42.5°	790.2	797.3	848.8	955.1	1140.1	1469.4	2031.9	2489.8	2432.0	2129.0
45°	722.0	728.2	773.8	873.0	1051.7	1379.9	1989.2	2598.6	2591.9	2191.8
47.5°	644.1	650.4	697.7	793.5	963.4	1274.8	1916.8	2705.8	2814.1	2334.1
50°	549.1	554.5	603.1	701.9	871.8	1163.1	1816.4	2789.9	3094.6	2549.6
52.5°	436.5	442.4	489.7	588.4	763.0	1043.0	1684.1	2844.7	3418.5	2864.4
55°	324.8	329.0	370.0	458.7	628.2	906.1	1518.4	2860.2	3786.0	3294.6
57.5°	235.6	238.1	264.5	330.6	476.3	734.9	1317.1	2820.0	4223.3	3846.2
60°	190.8	191.7	199.6	228.9	331.1	541.6	1073.9	2681.9	4697.9	4557.3
62.5°	173.3	173.3	175.4	183.3	223.9	357.4	779.7	2395.6	5206.8	5455.9
65°	161.1	161.1	162.0	165.7	176.6	227.7	492.2	1929.4	5635.8	6508.5
67.5°	150.2	150.7	150.2	151.5	157.8	168.2	285.4	1332.6	5866.9	7599.1
70°	138.9	139.8	137.7	137.7	142.7	143.1	178.7	730.7	5675.2	8513.2
72.5°	125.6	126.8	123.5	122.6	126.4	124.7	134.3	350.7	4872.4	8786.1
75°	113.8	115.5	108.0	105.9	105.9	104.6	109.2	180.0	3162.4	7167.2
77.5°	103.4	106.7	94.6	87.9	86.2	82.4	89.1	110.1	1383.2	3364.9
80°	85.4	90.0	77.8	69.9	67.0	62.8	70.3	77.0	411.4	781.4
82.5°	63.6	65.7	55.2	49.8	47.3	44.4	52.7	53.6	133.9	276.6
85°	40.6	41.4	33.9	29.3	28.0	26.8	33.5	29.3	51.1	203.4
87.5°	14.2	16.3	13.0	11.7	12.6	10.5	15.5	8.8	14.2	143.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1471.5  
1472.4  
1482.0  
1492.0  
1495.8  
1499.1  
1507.5  
1525.9  
1554.0  
1584.1  
1620.9  
1664.9  
1697.5  
1733.9  
1794.6  
1876.7  
2000.1  
2076.3  
2120.7  
2252.1  
2446.7  
2737.6  
3136.0  
3646.6  
4305.8  
5119.0  
6082.4  
7139.2  
8392.2  
9104.1  
7666.1  
3295.0  
748.3  
312.6  
295.5  
177.9  
0.0

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