

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: P847054

Luminaire Tested: **GLAN-SB3A-722-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847054  
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-SB3A-722-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 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: 10412 lumens  
Efficiency: N/A  
Efficacy: 122.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

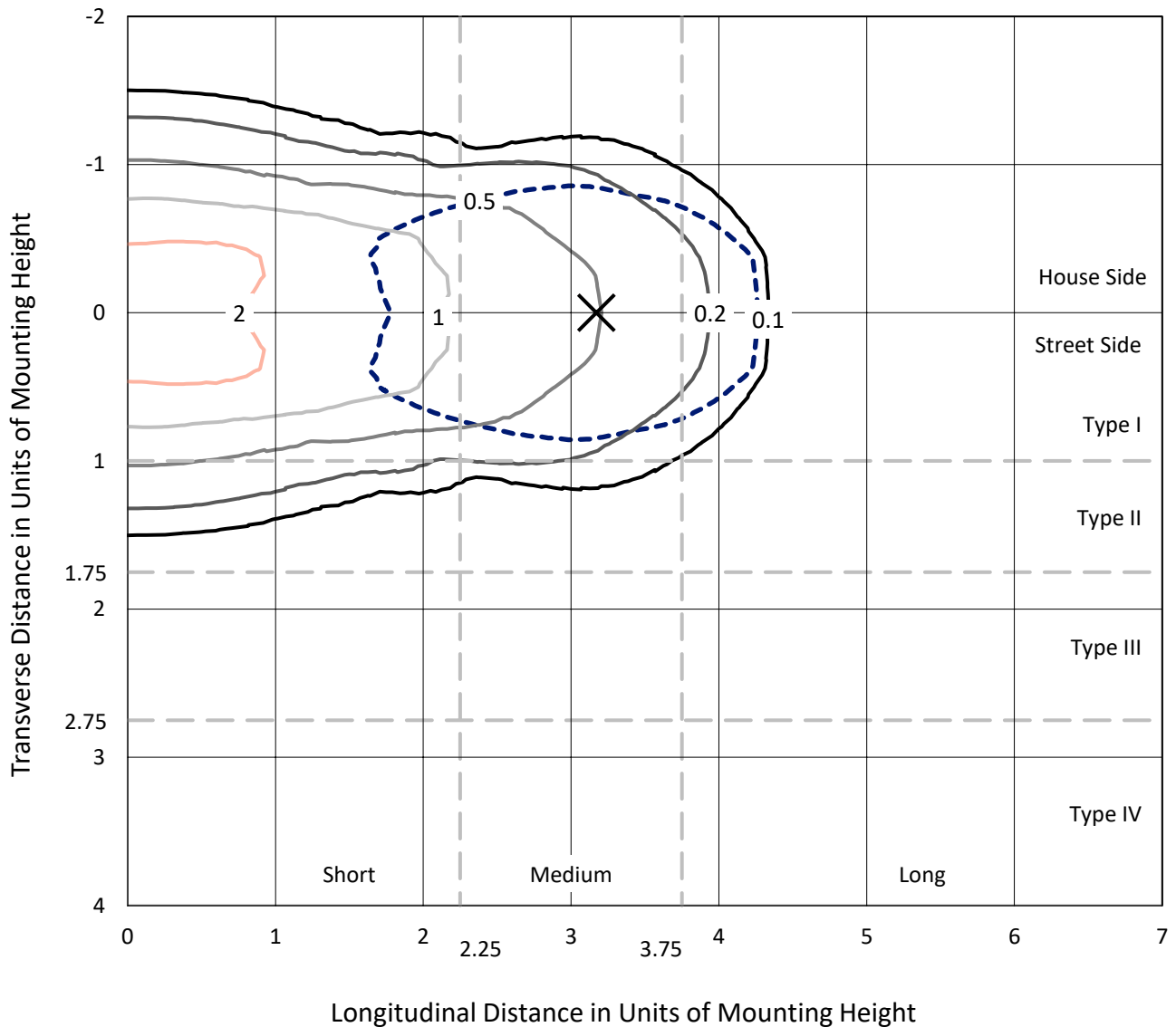
Input Watts (W): 84.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P847054  
 CATALOG NUMBER: GLAN-SB3A-722-U-T1

### Iso-Footcandle Lines of Horizontal Illumination

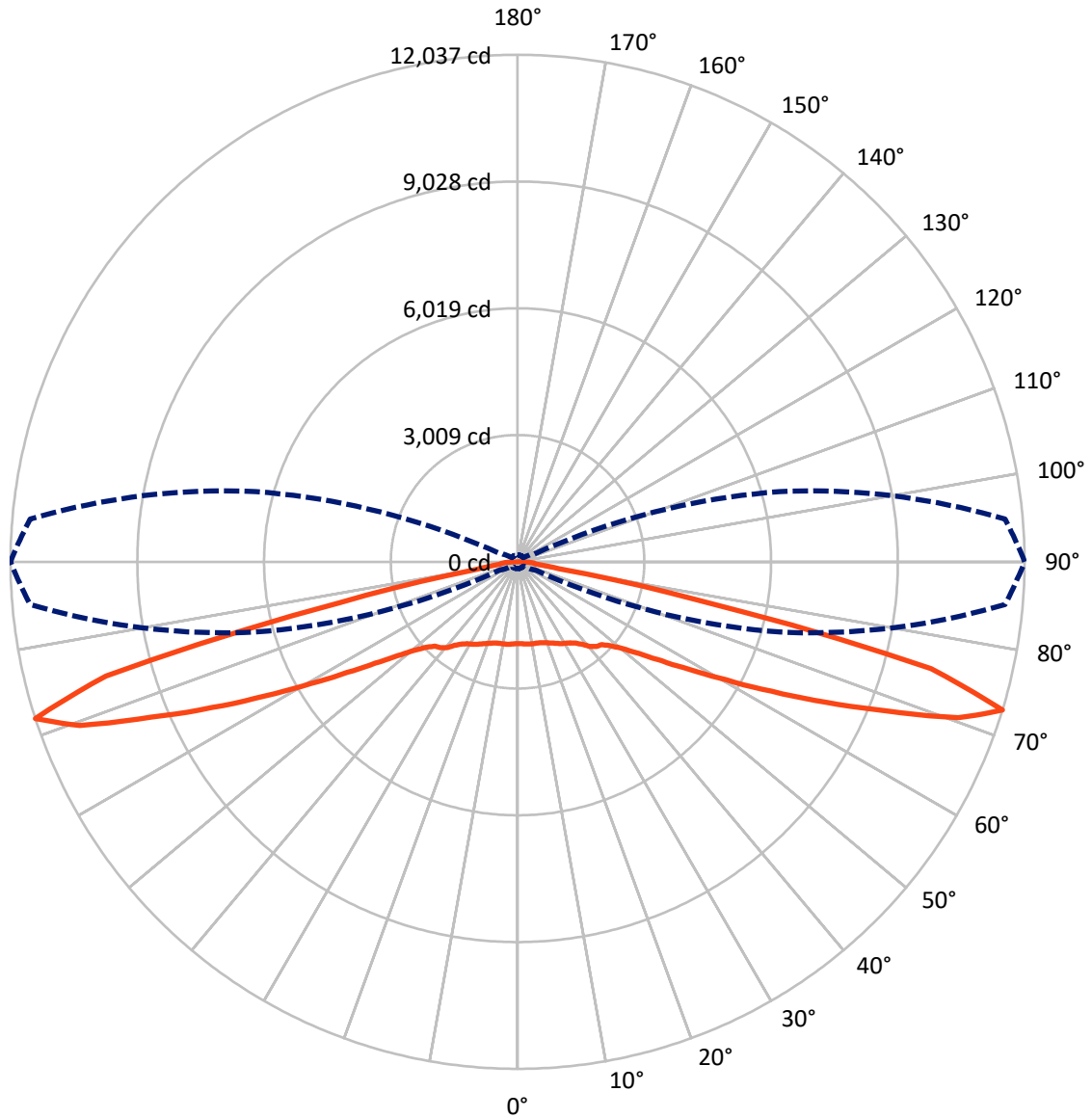
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc  
 Type I - Short - N/A

REPORT NUMBER: P847054  
CATALOG NUMBER: GLAN-SB3A-722-U-T1

### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P847054  
 CATALOG NUMBER: GLAN-SB3A-722-U-T1

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5206.0	0.0	5206.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5206.0	0.0	5206.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	10412.0	0.0	10412.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.6	1.8
10°-20°	576.8	5.5
20°-30°	961.8	9.2
30°-40°	1322.8	12.7
40°-50°	1615.4	15.5
50°-60°	1868.4	17.9
60°-70°	2227.8	21.4
70°-80°	1554.8	14.9
80°-90°	95.5	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°	10412.0	100.0
0°-180°	10412.0	100.0

**Coefficient of Utilization**



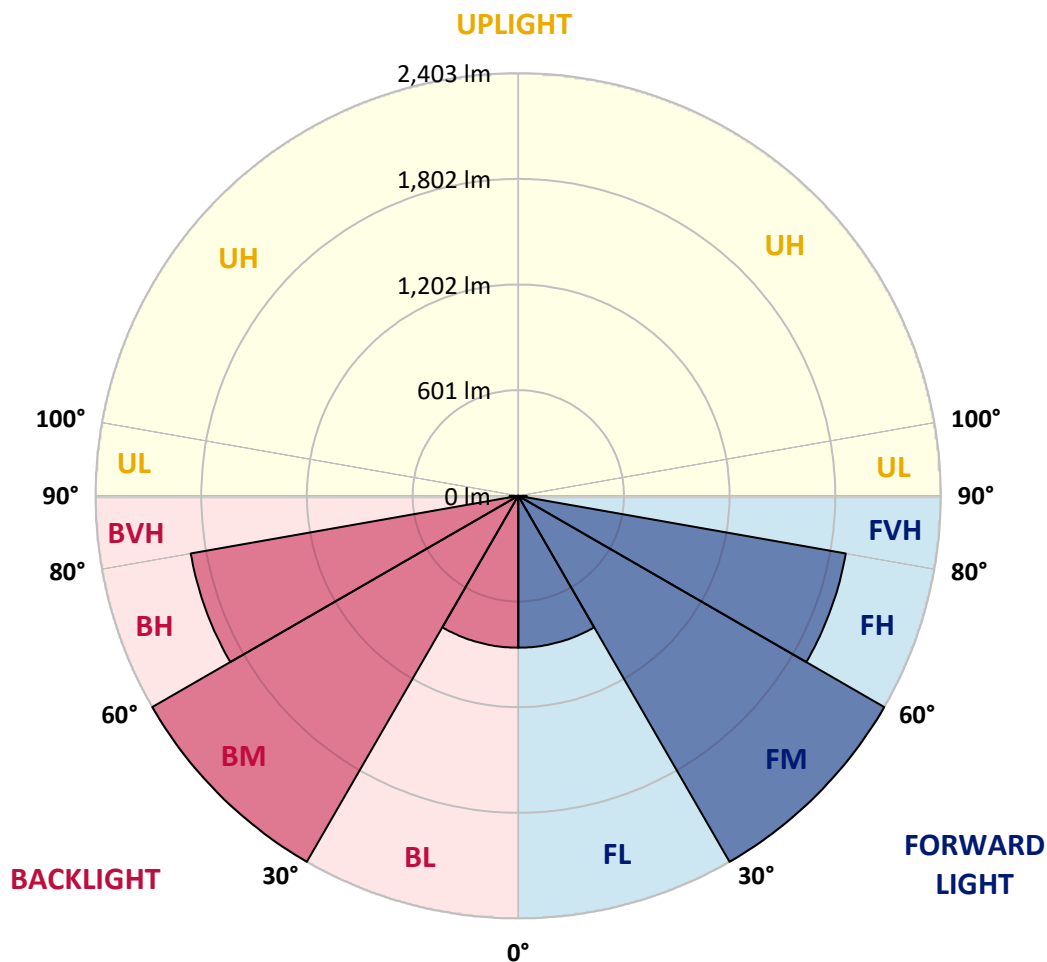
REPORT NUMBER: P847054  
 CATALOG NUMBER: GLAN-SB3A-722-U-T1

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	863.6	8.3			
FM (30°-60°)	2403.3	23.1			
FH (60°-80°)	1891.3	18.2			G2/5000
FVH (80°-90°)	47.7	0.5			G1/100
BL (0°-30°)	863.6	8.3	B2/1000		
BM (30°-60°)	2403.3	23.1	B2/2500		
BH (60°-80°)	1891.3	18.2	B3/2500		G3/2500
BVH (80°-90°)	47.7	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



REPORT NUMBER: P847054  
 CATALOG NUMBER: GLAN-SB3A-722-U-T1

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1945.6	1945.6	1945.6	1945.6	1945.6	1945.6	1945.6	1945.6	1945.6	1945.6
2.5°	1947.3	1949.5	1949.5	1947.8	1951.7	1948.4	1948.4	1946.7	1948.4	1946.7
5°	1957.2	1960.0	1961.1	1960.5	1965.5	1962.7	1962.7	1960.5	1961.1	1959.4
7.5°	1976.0	1979.9	1982.1	1984.9	1992.1	1988.8	1986.5	1979.9	1977.1	1972.7
10°	1982.1	1986.5	1993.7	2008.1	2024.7	2025.3	2018.6	2002.0	1989.3	1979.3
12.5°	1963.3	1969.4	1984.3	2013.7	2050.7	2065.7	2055.2	2027.5	2002.6	1984.9
15°	1939.5	1946.1	1968.8	2013.1	2067.9	2102.7	2101.6	2065.1	2025.3	1997.6
17.5°	1902.4	1909.1	1941.7	2003.7	2081.2	2138.7	2154.2	2116.6	2060.7	2023.6
20°	1835.5	1841.6	1886.9	1973.8	2085.6	2176.9	2217.3	2184.1	2114.4	2064.0
22.5°	1748.6	1758.0	1811.1	1922.4	2075.1	2216.7	2289.2	2266.5	2176.9	2107.2
25°	1655.6	1665.6	1727.6	1859.3	2048.0	2245.5	2374.4	2360.1	2247.7	2160.8
27.5°	1575.4	1585.9	1653.4	1796.7	2005.9	2256.6	2458.6	2465.7	2333.5	2220.1
30°	1512.3	1522.3	1594.2	1746.4	1951.7	2245.5	2532.1	2581.9	2420.9	2271.5
32.5°	1443.1	1455.9	1531.7	1685.0	1887.5	2218.9	2596.3	2707.6	2522.2	2326.9
35°	1355.7	1367.3	1447.0	1600.9	1803.4	2176.3	2650.0	2847.0	2667.2	2411.0
37.5°	1249.5	1260.5	1339.7	1495.7	1719.8	2116.6	2691.0	3004.2	2839.8	2532.1
40°	1142.7	1153.2	1227.3	1378.4	1619.7	2040.2	2705.3	3158.0	3037.9	2698.7
42.5°	1044.7	1054.1	1122.2	1262.8	1507.3	1942.8	2686.5	3291.9	3215.5	2814.9
45°	954.5	962.8	1023.2	1154.3	1390.6	1824.4	2630.1	3435.8	3426.9	2897.9
47.5°	851.6	859.9	922.4	1049.2	1273.8	1685.5	2534.4	3577.4	3720.8	3086.1
50°	726.0	733.2	797.4	928.0	1152.6	1537.8	2401.6	3688.7	4091.5	3371.0
52.5°	577.1	584.9	647.4	778.0	1008.8	1379.0	2226.7	3761.1	4519.8	3787.2
55°	429.4	434.9	489.2	606.5	830.6	1198.0	2007.6	3781.6	5005.6	4356.0
57.5°	311.5	314.9	349.7	437.1	629.7	971.7	1741.4	3728.5	5583.9	5085.3
60°	252.3	253.4	263.9	302.7	437.7	716.0	1419.9	3545.9	6211.4	6025.5
62.5°	229.1	229.1	231.9	242.4	296.0	472.6	1030.9	3167.4	6884.3	7213.5
65°	213.0	213.0	214.1	219.1	233.5	301.0	650.7	2551.0	7451.5	8605.2
67.5°	198.7	199.2	198.7	200.3	208.6	222.4	377.4	1761.9	7756.9	10047.2
70°	183.7	184.8	182.1	182.1	188.7	189.2	236.3	966.2	7503.5	11255.8
72.5°	166.0	167.7	163.2	162.1	167.1	164.9	177.6	463.7	6442.1	11616.6
75°	150.5	152.7	142.8	140.0	140.0	138.3	144.4	237.9	4181.1	9476.2
77.5°	136.7	141.1	125.1	116.2	114.0	109.0	117.9	145.5	1828.8	4449.0
80°	112.9	119.0	102.9	92.4	88.5	83.0	93.0	101.8	543.9	1033.1
82.5°	84.1	86.9	73.0	65.8	62.5	58.7	69.7	70.8	177.1	365.8
85°	53.7	54.8	44.8	38.7	37.1	35.4	44.3	38.7	67.5	268.9
87.5°	18.8	21.6	17.2	15.5	16.6	13.8	20.5	11.6	18.8	189.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1945.6  
1946.7  
1959.4  
1972.7  
1977.7  
1982.1  
1993.2  
2017.5  
2054.6  
2094.4  
2143.1  
2201.2  
2244.4  
2292.5  
2372.8  
2481.2  
2644.5  
2745.2  
2803.8  
2977.6  
3234.9  
3619.5  
4146.3  
4821.4  
5692.9  
6768.1  
8041.9  
9439.1  
11095.9  
12037.1  
10135.8  
4356.6  
989.4  
413.4  
390.7  
235.2  
0.0

OF REPORT)