

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: P847221

Luminaire Tested: **GLAN-SB3B-722-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847221  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-722-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13364 lumens  
Efficiency: N/A  
Efficacy: 122.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G2

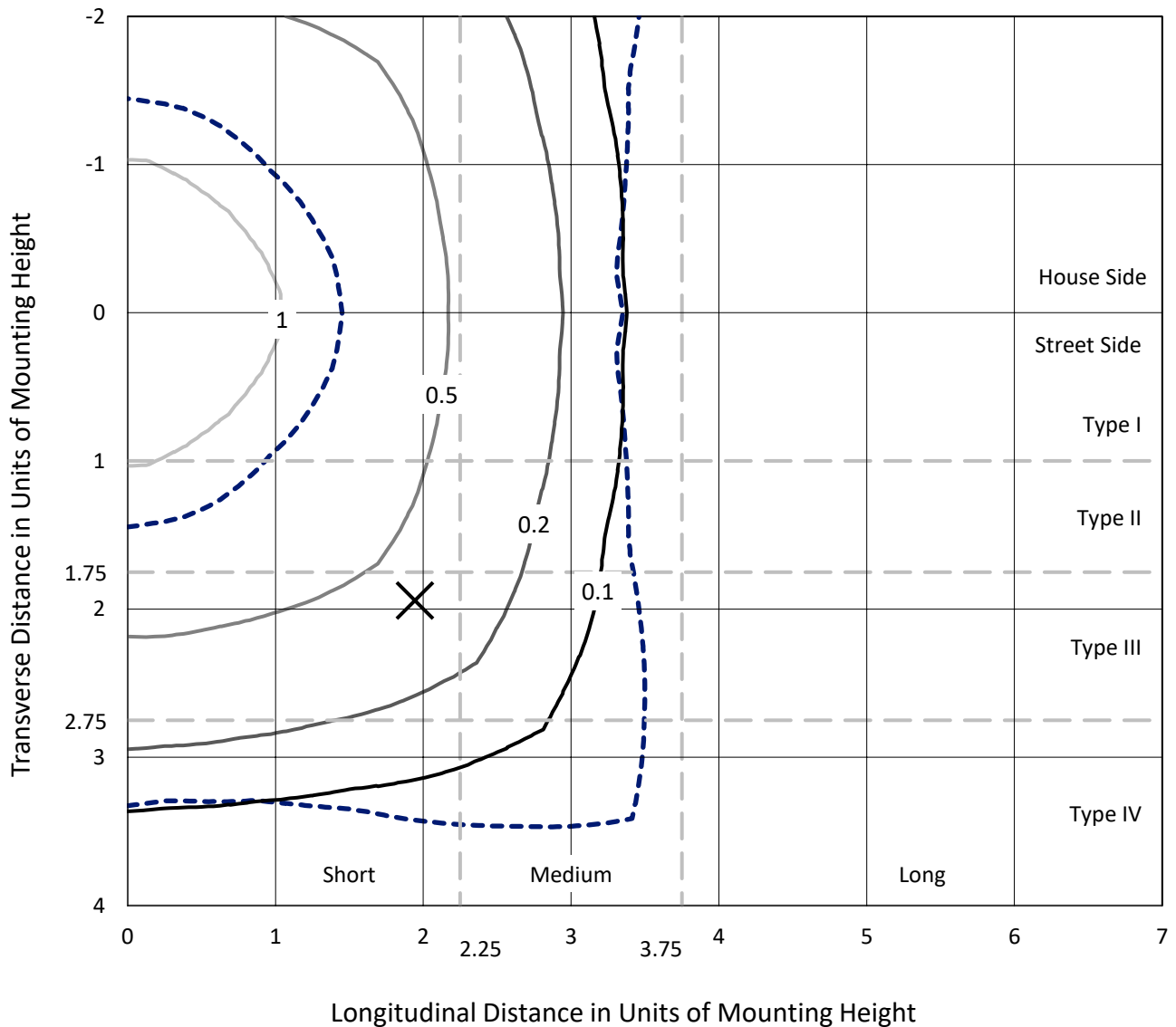
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

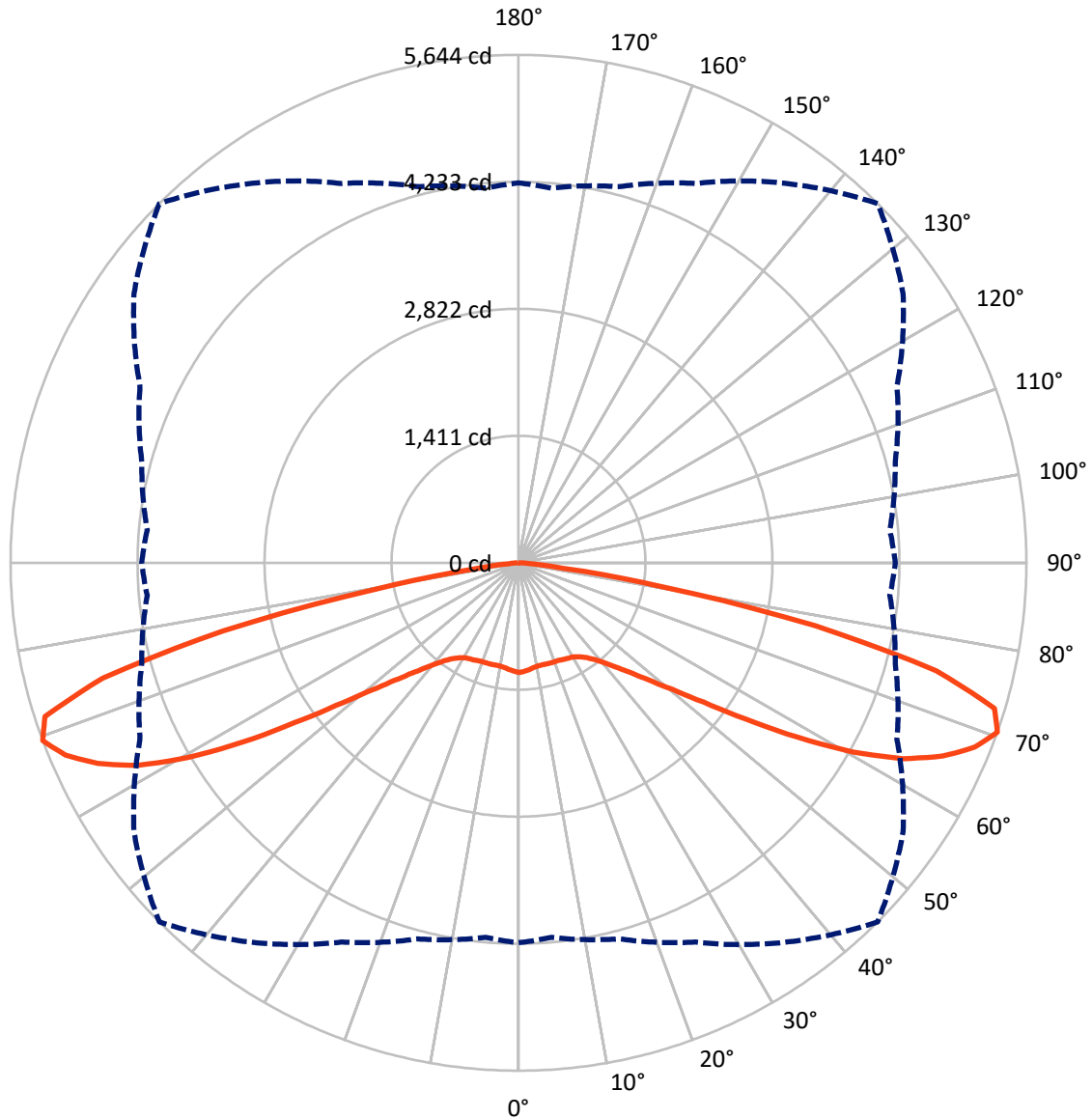
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6682.0	0.0	6682.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6682.0	0.0	6682.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	13364.0	0.0	13364.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	113.4	0.8
10°-20°	333.0	2.5
20°-30°	554.1	4.1
30°-40°	838.0	6.3
40°-50°	1392.6	10.4
50°-60°	2627.7	19.7
60°-70°	4437.0	33.2
70°-80°	2915.5	21.8
80°-90°	152.7	1.1
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°	13364.0	100.0
0°-180°	13364.0	100.0

**Coefficient of Utilization**



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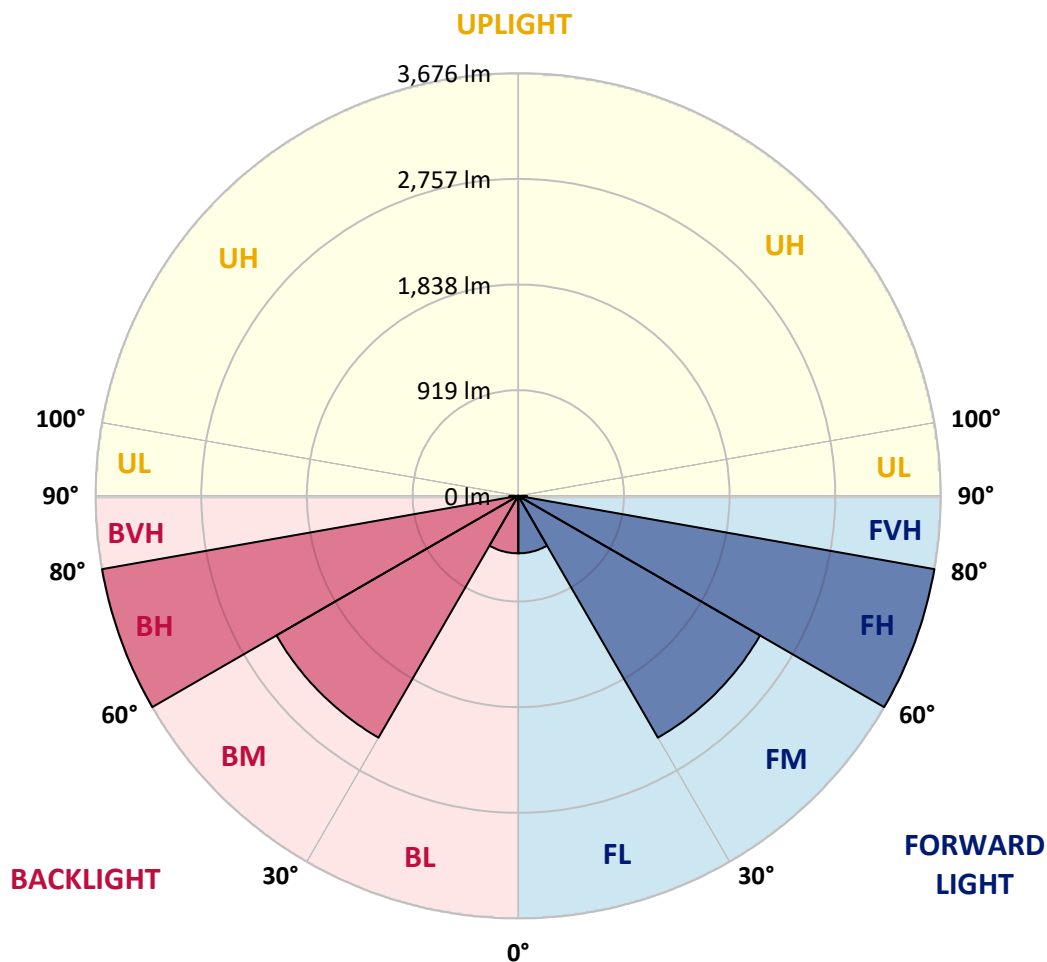
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	500.2	3.7			
FM (30°-60°)	2429.1	18.2			
FH (60°-80°)	3676.3	27.5			G2/5000
FVH (80°-90°)	76.4	0.6			G1/100
BL (0°-30°)	500.2	3.7	B2/1000		
BM (30°-60°)	2429.1	18.2	B2/2500		
BH (60°-80°)	3676.3	27.5	B4/5000		G2/5000
BVH (80°-90°)	76.4	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G2**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1219.1	1219.1	1219.1	1219.1	1219.1	1219.1	1219.1	1219.1	1219.1	1219.1
2.5°	1211.4	1214.9	1213.5	1210.7	1210.7	1208.6	1210.7	1212.1	1214.2	1215.6
5°	1195.4	1198.2	1197.5	1195.4	1196.1	1194.1	1195.4	1197.5	1198.9	1199.6
7.5°	1181.6	1184.3	1182.9	1179.5	1179.5	1177.4	1178.1	1180.2	1182.3	1182.9
10°	1178.1	1180.9	1176.7	1171.1	1169.1	1166.3	1167.0	1169.1	1173.2	1175.3
12.5°	1179.5	1181.6	1177.4	1169.1	1167.0	1164.2	1164.2	1166.3	1171.8	1174.6
15°	1183.6	1185.7	1179.5	1170.4	1168.4	1166.3	1165.6	1168.4	1174.6	1179.5
17.5°	1191.3	1193.4	1183.6	1171.1	1168.4	1169.1	1168.4	1170.4	1180.2	1189.2
20°	1198.2	1199.6	1186.4	1171.1	1168.4	1169.1	1168.4	1172.5	1185.0	1197.5
22.5°	1200.3	1201.7	1189.2	1176.0	1173.9	1174.6	1173.9	1178.1	1189.9	1202.4
25°	1201.0	1203.1	1193.4	1182.9	1186.4	1187.8	1186.4	1187.1	1196.1	1207.3
27.5°	1211.4	1214.2	1205.2	1196.1	1198.2	1197.5	1199.6	1201.7	1208.6	1219.8
30°	1233.0	1235.0	1227.4	1218.4	1217.0	1212.1	1218.4	1225.3	1233.0	1242.7
32.5°	1268.4	1272.6	1262.8	1253.1	1246.9	1244.1	1248.9	1260.7	1271.2	1281.6
35°	1327.4	1330.2	1321.2	1303.1	1292.0	1292.0	1296.2	1311.5	1328.1	1341.3
37.5°	1410.8	1414.3	1398.3	1376.7	1360.1	1360.1	1365.6	1381.6	1406.6	1425.4
40°	1512.2	1517.1	1496.9	1474.7	1458.7	1455.9	1462.9	1480.9	1504.6	1528.2
42.5°	1634.5	1640.0	1613.6	1594.2	1581.7	1581.7	1585.1	1601.8	1623.3	1652.5
45°	1790.7	1800.5	1764.3	1744.9	1733.1	1735.9	1738.0	1752.5	1772.0	1805.3
47.5°	1976.9	1986.6	1948.4	1928.3	1926.2	1939.4	1931.1	1941.5	1951.9	1990.1
50°	2188.1	2204.7	2178.3	2177.0	2181.1	2205.4	2186.0	2191.5	2179.7	2204.0
52.5°	2446.5	2470.8	2465.9	2474.3	2520.8	2570.8	2526.3	2506.9	2462.4	2470.1
55°	2759.7	2796.6	2803.5	2853.5	2959.1	3061.2	2966.7	2888.2	2793.8	2776.4
57.5°	3116.1	3145.3	3178.6	3280.7	3478.0	3659.3	3478.0	3304.3	3155.7	3120.3
60°	3499.5	3535.6	3567.6	3718.3	4011.5	4266.4	4005.9	3730.1	3533.6	3485.6
62.5°	3911.4	3958.0	3980.2	4147.6	4489.4	4793.6	4494.2	4160.1	3942.0	3890.6
65°	4306.7	4344.9	4369.9	4548.4	4874.9	5179.8	4897.1	4567.9	4343.5	4276.1
67.5°	4490.7	4511.6	4572.7	4774.8	5119.4	5467.4	5177.7	4796.4	4545.6	4427.5
70°	4221.2	4178.9	4326.1	4649.8	5148.6	5643.8	5215.2	4640.1	4333.1	4141.4
72.5°	3262.0	3189.0	3444.6	3998.3	4815.1	5531.3	4848.5	4029.5	3603.7	3214.7
75°	1774.8	1692.1	2045.0	2745.2	3839.9	4794.3	3928.1	2823.6	2277.0	1761.6
77.5°	500.8	469.6	754.4	1328.1	2309.6	3366.1	2398.5	1357.3	894.7	530.7
80°	153.5	148.6	201.4	400.1	980.8	1612.2	942.6	405.0	256.3	161.8
82.5°	91.0	83.4	100.0	145.9	250.1	506.4	243.1	152.1	122.3	82.0
85°	52.1	48.6	59.0	70.9	84.0	107.7	70.2	72.2	65.3	43.8
87.5°	21.5	19.4	22.9	22.2	19.4	25.0	18.8	22.2	26.4	17.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1219.1
1214.9
1199.6
1182.9
1175.3
1175.3
1180.2
1189.2
1198.2
1202.4
1206.6
1217.0
1240.6
1277.4
1336.5
1418.4
1520.5
1650.4
1803.9
1979.0
2189.5
2444.4
2749.3
3095.2
3443.9
3848.9
4242.8
4428.9
4187.2
3311.3
1876.2
589.7
170.9
88.9
45.8
16.0
0.0

OF REPORT)