

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: P846711

Luminaire Tested: **GLAN-SB2C-722-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846711  
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-SB2C-722-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11846 lumens  
Efficiency: N/A  
Efficacy: 117.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G2

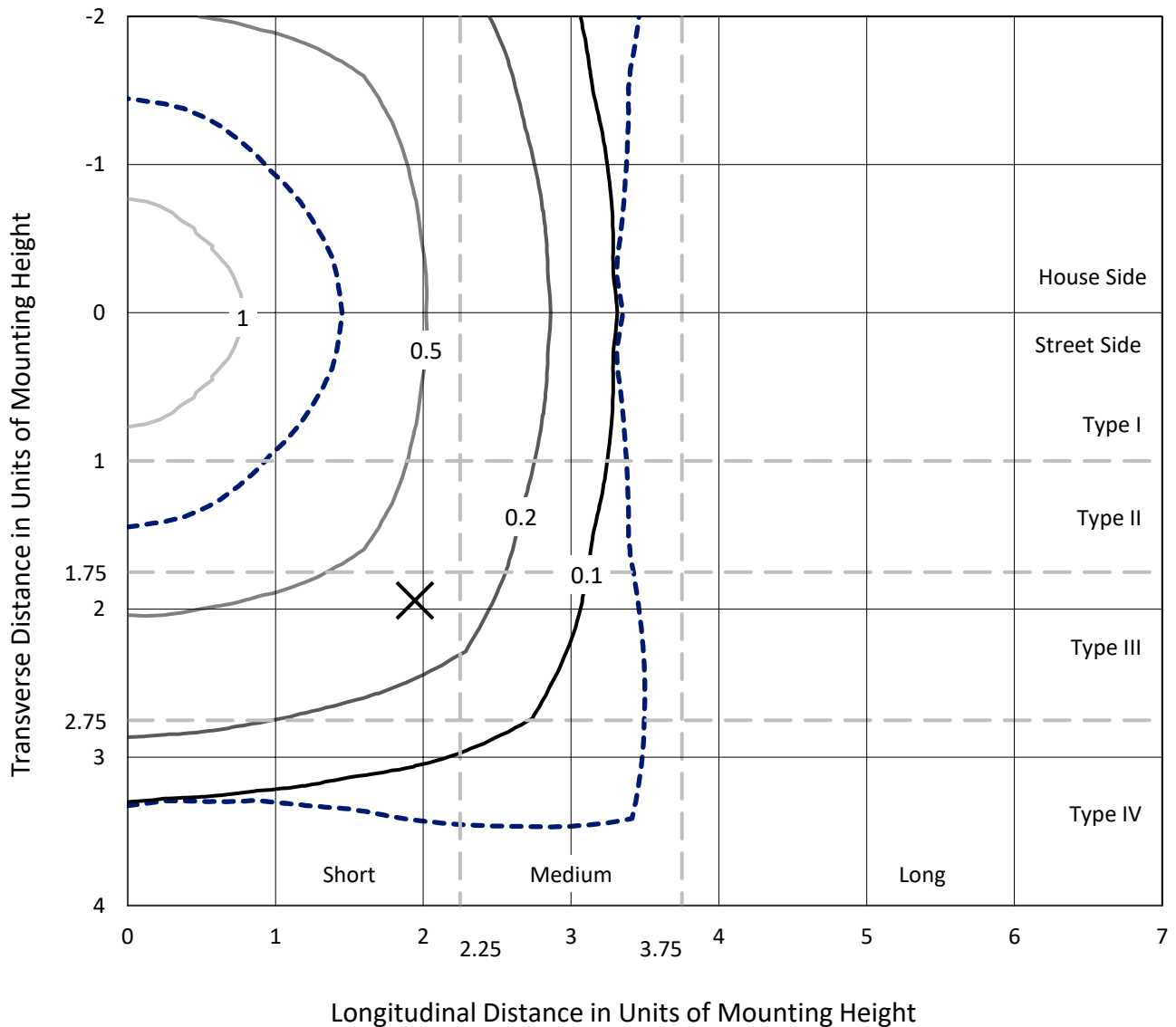
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

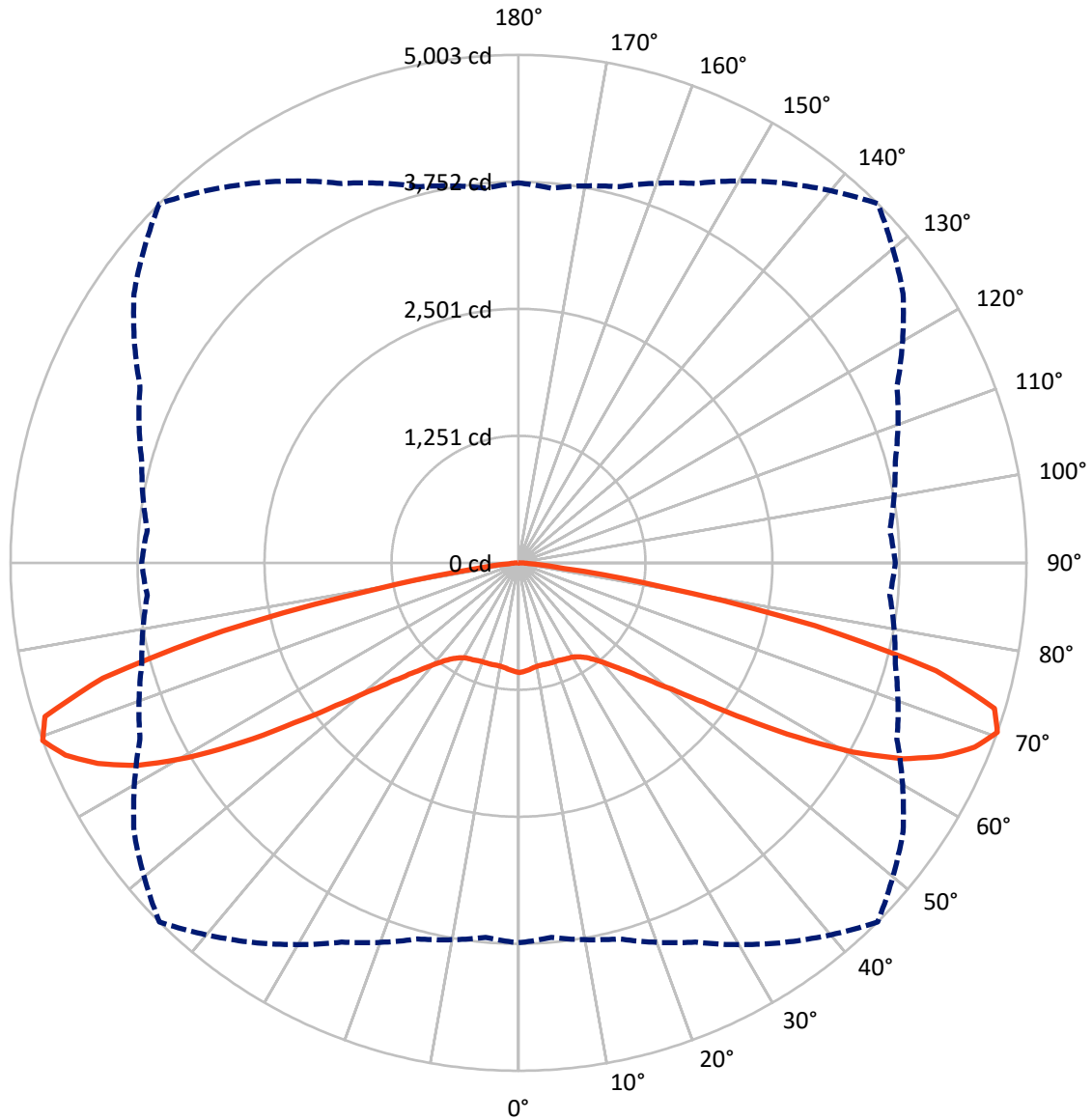
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 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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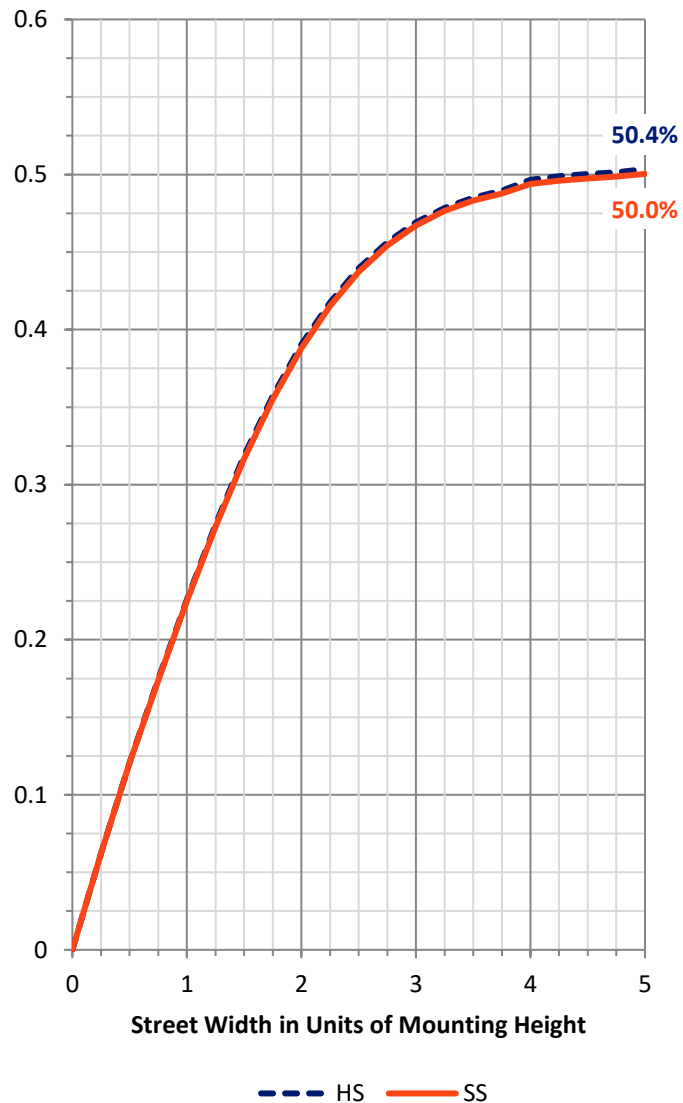
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5923.0	0.0	5923.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5923.0	0.0	5923.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	11846.0	0.0	11846.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	100.5	0.8
10°-20°	295.2	2.5
20°-30°	491.2	4.1
30°-40°	742.8	6.3
40°-50°	1234.4	10.4
50°-60°	2329.2	19.7
60°-70°	3933.0	33.2
70°-80°	2584.4	21.8
80°-90°	135.4	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°	11846.0	100.0
0°-180°	11846.0	100.0

**Coefficient of Utilization**



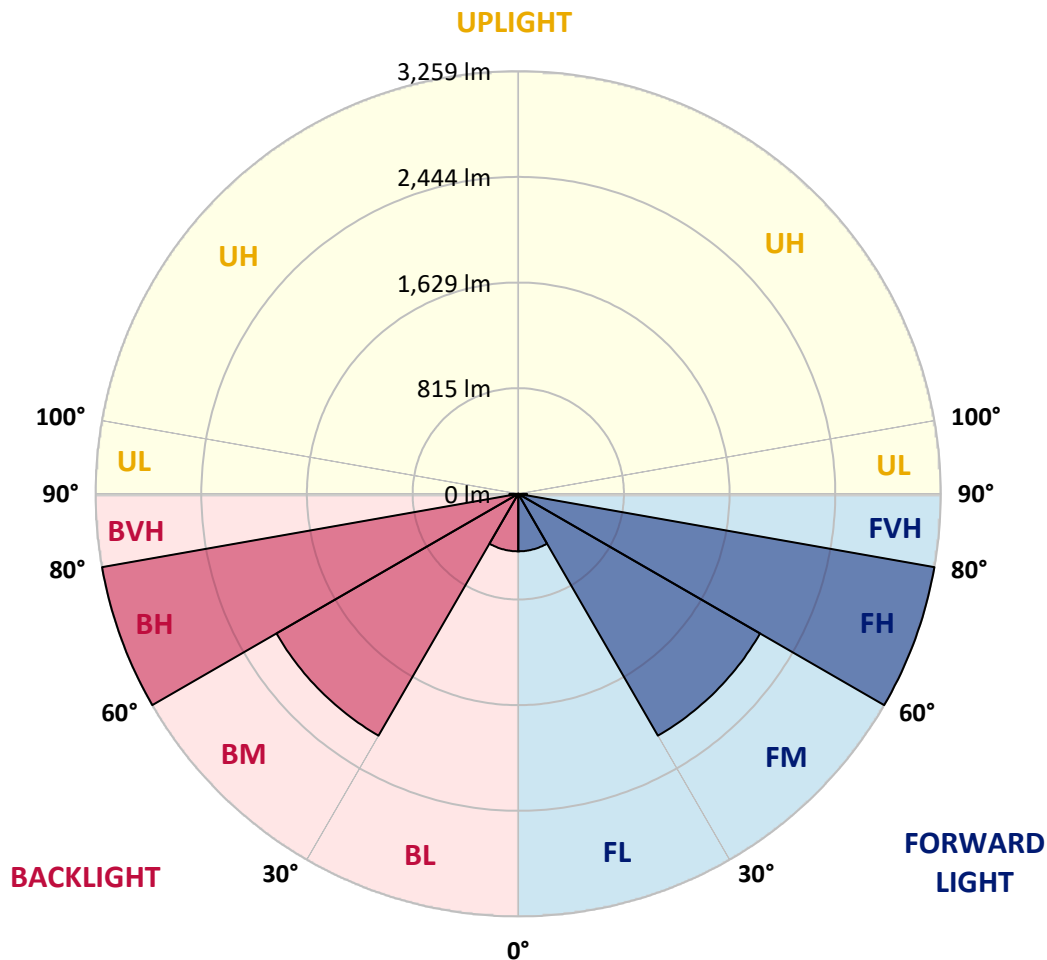
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	443.4	3.7			
FM (30°-60°)	2153.2	18.2			
FH (60°-80°)	3258.7	27.5			G2/5000
FVH (80°-90°)	67.7	0.6			G1/100
BL (0°-30°)	443.4	3.7	B1/500		
BM (30°-60°)	2153.2	18.2	B2/2500		
BH (60°-80°)	3258.7	27.5	B4/5000		G2/5000
BVH (80°-90°)	67.7	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°	1080.6	1080.6	1080.6	1080.6	1080.6	1080.6	1080.6	1080.6	1080.6	1080.6
2.5°	1073.8	1076.9	1075.7	1073.2	1073.2	1071.4	1073.2	1074.4	1076.3	1077.5
5°	1059.7	1062.1	1061.5	1059.7	1060.3	1058.4	1059.7	1061.5	1062.7	1063.4
7.5°	1047.3	1049.8	1048.6	1045.5	1045.5	1043.7	1044.3	1046.1	1048.0	1048.6
10°	1044.3	1046.7	1043.0	1038.1	1036.3	1033.8	1034.4	1036.3	1040.0	1041.8
12.5°	1045.5	1047.3	1043.7	1036.3	1034.4	1032.0	1032.0	1033.8	1038.7	1041.2
15°	1049.2	1051.0	1045.5	1037.5	1035.6	1033.8	1033.2	1035.6	1041.2	1045.5
17.5°	1056.0	1057.8	1049.2	1038.1	1035.6	1036.3	1035.6	1037.5	1046.1	1054.1
20°	1062.1	1063.4	1051.7	1038.1	1035.6	1036.3	1035.6	1039.3	1050.4	1061.5
22.5°	1064.0	1065.2	1054.1	1042.4	1040.6	1041.2	1040.6	1044.3	1054.7	1065.8
25°	1064.6	1066.4	1057.8	1048.6	1051.7	1052.9	1051.7	1052.3	1060.3	1070.1
27.5°	1073.8	1076.3	1068.3	1060.3	1062.1	1061.5	1063.4	1065.2	1071.4	1081.2
30°	1092.9	1094.8	1088.0	1080.0	1078.7	1074.4	1080.0	1086.1	1092.9	1101.5
32.5°	1124.3	1128.0	1119.4	1110.8	1105.2	1102.8	1107.1	1117.5	1126.8	1136.0
35°	1176.6	1179.1	1171.1	1155.1	1145.2	1145.2	1148.9	1162.5	1177.3	1189.0
37.5°	1250.5	1253.6	1239.5	1220.4	1205.6	1205.6	1210.5	1224.7	1246.8	1263.5
40°	1340.4	1344.7	1326.9	1307.2	1293.0	1290.6	1296.7	1312.7	1333.7	1354.6
42.5°	1448.8	1453.7	1430.3	1413.1	1402.0	1402.0	1405.1	1419.9	1438.9	1464.8
45°	1587.3	1596.0	1563.9	1546.7	1536.2	1538.7	1540.5	1553.5	1570.7	1600.3
47.5°	1752.3	1761.0	1727.1	1709.2	1707.4	1719.1	1711.7	1720.9	1730.2	1764.0
50°	1939.5	1954.3	1930.9	1929.7	1933.4	1954.9	1937.7	1942.6	1932.1	1953.7
52.5°	2168.6	2190.1	2185.8	2193.2	2234.5	2278.8	2239.4	2222.1	2182.7	2189.5
55°	2446.3	2478.9	2485.1	2529.4	2623.0	2713.5	2629.8	2560.2	2476.4	2461.0
57.5°	2762.1	2788.0	2817.5	2908.1	3082.9	3243.6	3082.9	2929.0	2797.2	2765.8
60°	3102.0	3134.0	3162.4	3296.0	3555.8	3781.8	3550.9	3306.4	3132.2	3089.7
62.5°	3467.1	3508.4	3528.1	3676.5	3979.4	4249.1	3983.7	3687.6	3494.2	3448.7
65°	3817.5	3851.3	3873.5	4031.8	4321.1	4591.4	4340.8	4049.0	3850.1	3790.4
67.5°	3980.6	3999.1	4053.3	4232.5	4537.9	4846.4	4589.6	4251.6	4029.3	3924.6
70°	3741.7	3704.2	3834.7	4121.6	4563.7	5002.7	4622.8	4113.0	3840.9	3670.9
72.5°	2891.4	2826.8	3053.4	3544.1	4268.2	4903.0	4297.7	3571.8	3194.4	2849.6
75°	1573.2	1499.9	1812.7	2433.3	3403.7	4249.7	3481.9	2502.9	2018.3	1561.5
77.5°	443.9	416.2	668.7	1177.3	2047.3	2983.8	2126.1	1203.1	793.1	470.4
80°	136.1	131.8	178.6	354.7	869.4	1429.1	835.5	359.0	227.2	143.5
82.5°	80.7	73.9	88.7	129.3	221.7	448.9	215.5	134.8	108.4	72.7
85°	46.2	43.1	52.3	62.8	74.5	95.4	62.2	64.0	57.9	38.8
87.5°	19.1	17.2	20.3	19.7	17.2	22.2	16.6	19.7	23.4	15.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1080.6
1076.9
1063.4
1048.6
1041.8
1041.8
1046.1
1054.1
1062.1
1065.8
1069.5
1078.7
1099.7
1132.3
1184.7
1257.3
1347.8
1463.0
1599.0
1754.2
1940.8
2166.7
2437.0
2743.7
3052.8
3411.7
3760.8
3925.8
3711.6
2935.2
1663.1
522.7
151.5
78.8
40.6
14.2
0.0

OF REPORT)