

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: P845861

Luminaire Tested: **GLAN-SB1B-722-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845861  
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-SB1B-722-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4455 lumens  
Efficiency: N/A  
Efficacy: 111.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

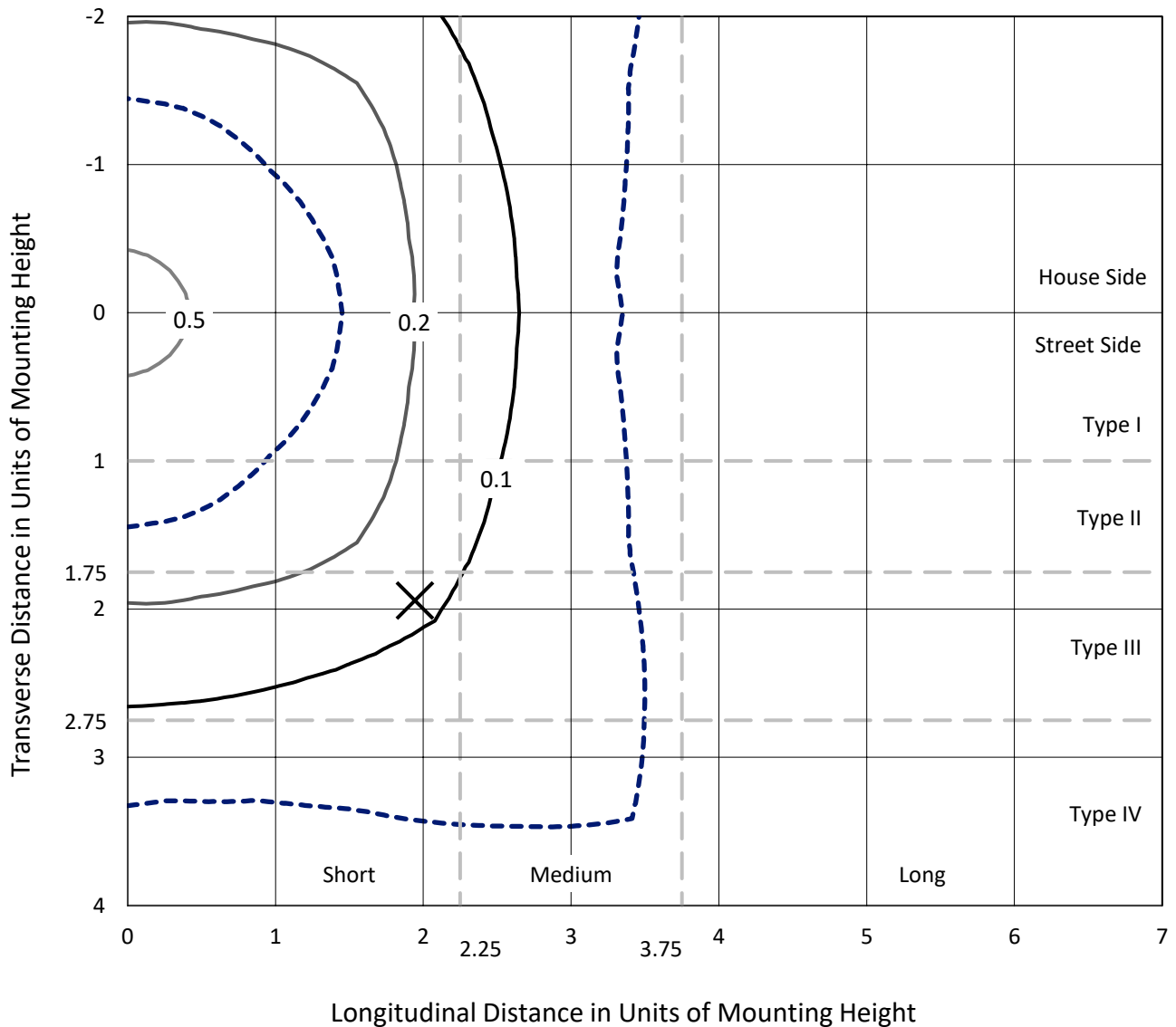
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

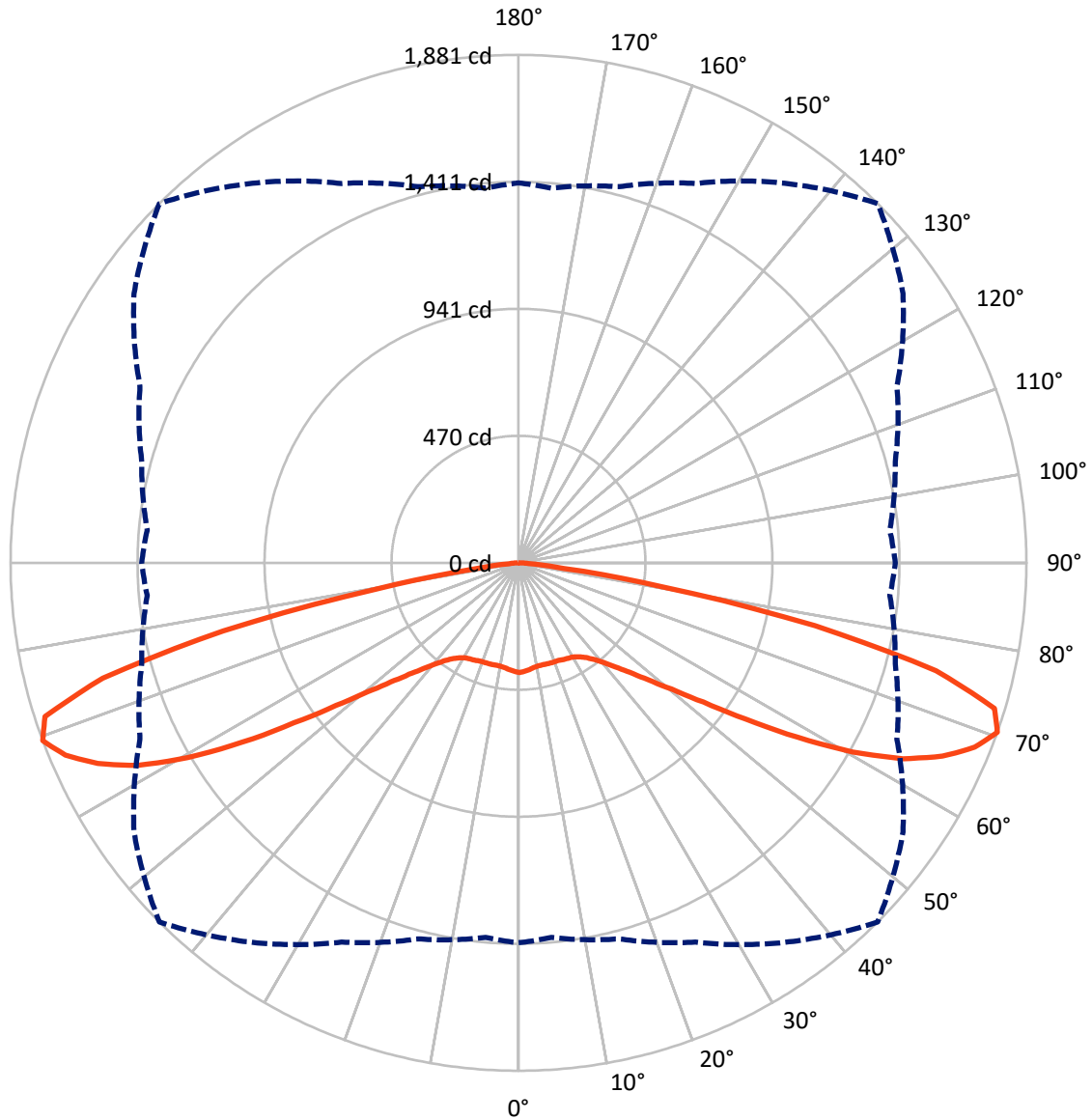
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.7 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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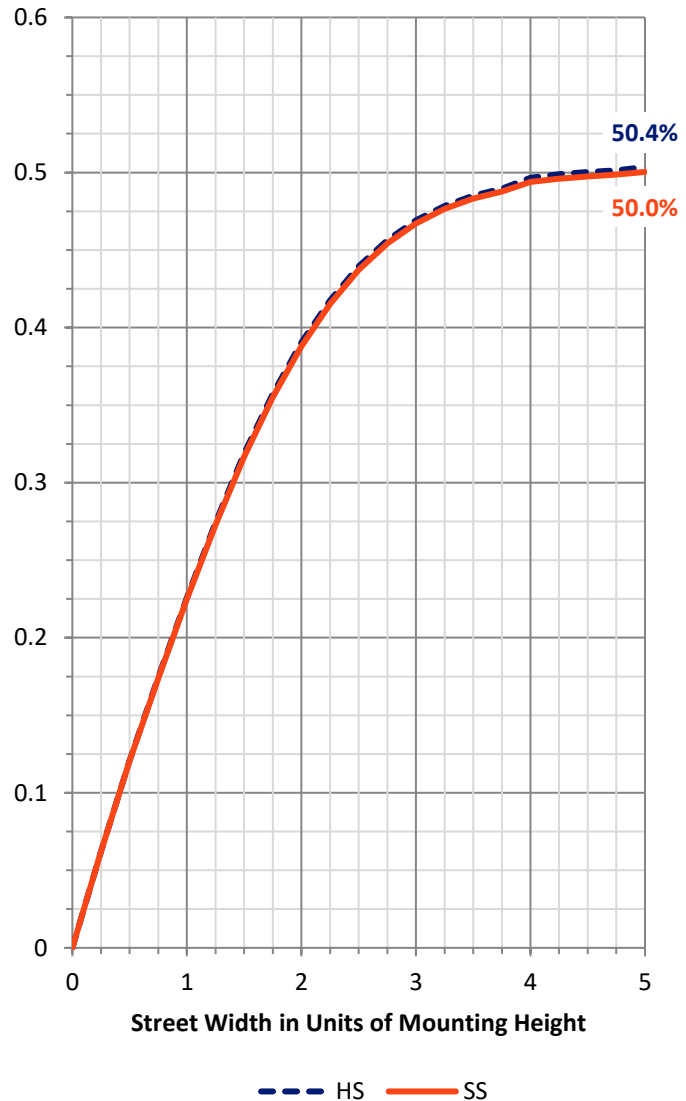
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2227.5	0.0	2227.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2227.5	0.0	2227.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	4455.0	0.0	4455.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	37.8	0.8
10°-20°	111.0	2.5
20°-30°	184.7	4.1
30°-40°	279.4	6.3
40°-50°	464.2	10.4
50°-60°	876.0	19.7
60°-70°	1479.1	33.2
70°-80°	971.9	21.8
80°-90°	50.9	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°	4455.0	100.0
0°-180°	4455.0	100.0

**Coefficient of Utilization**



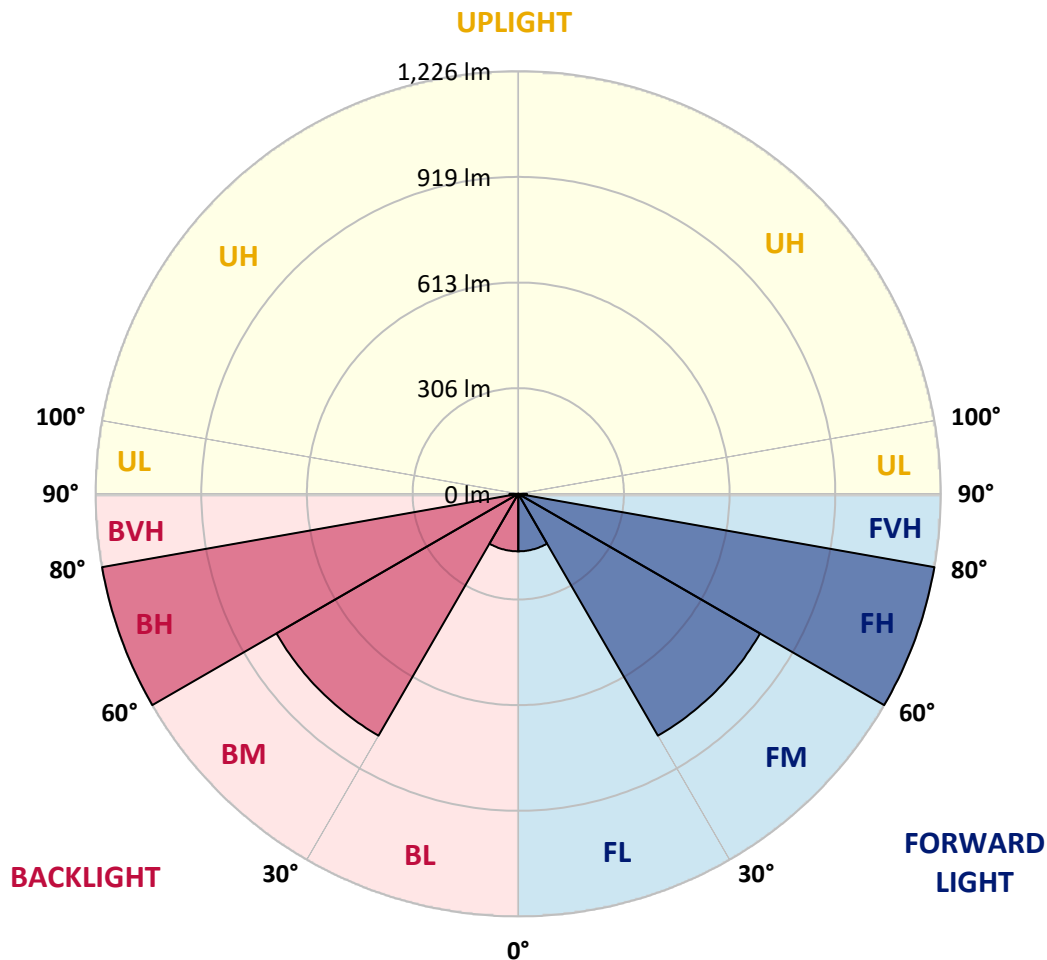
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	166.8	3.7			
FM (30°-60°)	809.8	18.2			
FH (60°-80°)	1225.5	27.5			G1/1800
FVH (80°-90°)	25.5	0.6			G1/100
BL (0°-30°)	166.8	3.7	B1/500		
BM (30°-60°)	809.8	18.2	B1/1000		
BH (60°-80°)	1225.5	27.5	B3/2500		G1/1800
BVH (80°-90°)	25.5	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G1**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	406.4	406.4	406.4	406.4	406.4	406.4	406.4	406.4	406.4	406.4
2.5°	403.8	405.0	404.5	403.6	403.6	402.9	403.6	404.1	404.8	405.2
5°	398.5	399.4	399.2	398.5	398.7	398.0	398.5	399.2	399.7	399.9
7.5°	393.9	394.8	394.3	393.2	393.2	392.5	392.7	393.4	394.1	394.3
10°	392.7	393.6	392.3	390.4	389.7	388.8	389.0	389.7	391.1	391.8
12.5°	393.2	393.9	392.5	389.7	389.0	388.1	388.1	388.8	390.6	391.6
15°	394.6	395.3	393.2	390.2	389.5	388.8	388.6	389.5	391.6	393.2
17.5°	397.1	397.8	394.6	390.4	389.5	389.7	389.5	390.2	393.4	396.4
20°	399.4	399.9	395.5	390.4	389.5	389.7	389.5	390.9	395.0	399.2
22.5°	400.1	400.6	396.4	392.0	391.3	391.6	391.3	392.7	396.7	400.8
25°	400.4	401.1	397.8	394.3	395.5	396.0	395.5	395.7	398.7	402.4
27.5°	403.8	404.8	401.8	398.7	399.4	399.2	399.9	400.6	402.9	406.6
30°	411.0	411.7	409.2	406.2	405.7	404.1	406.2	408.5	411.0	414.3
32.5°	422.8	424.2	421.0	417.7	415.6	414.7	416.3	420.3	423.8	427.2
35°	442.5	443.4	440.4	434.4	430.7	430.7	432.1	437.2	442.7	447.1
37.5°	470.3	471.5	466.1	458.9	453.4	453.4	455.2	460.6	468.9	475.2
40°	504.1	505.7	499.0	491.6	486.3	485.3	487.7	493.7	501.6	509.4
42.5°	544.9	546.7	537.9	531.4	527.3	527.3	528.4	534.0	541.2	550.9
45°	597.0	600.2	588.2	581.7	577.7	578.7	579.4	584.2	590.7	601.8
47.5°	659.0	662.3	649.5	642.8	642.1	646.5	643.7	647.2	650.7	663.4
50°	729.4	735.0	726.2	725.7	727.1	735.2	728.7	730.6	726.6	734.7
52.5°	815.6	823.7	822.0	824.8	840.3	857.0	842.2	835.7	820.9	823.4
55°	920.0	932.3	934.6	951.2	986.4	1020.5	989.0	962.8	931.3	925.5
57.5°	1038.8	1048.5	1059.6	1093.7	1159.4	1219.9	1159.4	1101.5	1052.0	1040.2
60°	1166.6	1178.6	1189.3	1239.5	1337.3	1422.2	1335.4	1243.5	1177.9	1162.0
62.5°	1303.9	1319.4	1326.8	1382.6	1496.6	1598.0	1498.2	1386.8	1314.1	1297.0
65°	1435.7	1448.4	1456.7	1516.2	1625.1	1726.7	1632.5	1522.7	1447.9	1425.5
67.5°	1497.0	1504.0	1524.4	1591.7	1706.6	1822.6	1726.0	1598.9	1515.3	1476.0
70°	1407.2	1393.1	1442.1	1550.1	1716.3	1881.4	1738.5	1546.8	1444.5	1380.6
72.5°	1087.4	1063.1	1148.3	1332.9	1605.2	1843.9	1616.3	1343.3	1201.3	1071.7
75°	591.6	564.1	681.7	915.1	1280.1	1598.2	1309.5	941.3	759.0	587.2
77.5°	167.0	156.5	251.5	442.7	769.9	1122.1	799.6	452.5	298.2	176.9
80°	51.2	49.6	67.2	133.4	327.0	537.4	314.2	135.0	85.4	54.0
82.5°	30.3	27.8	33.3	48.6	83.4	168.8	81.0	50.7	40.8	27.3
85°	17.4	16.2	19.7	23.6	28.0	35.9	23.4	24.1	21.8	14.6
87.5°	7.2	6.5	7.6	7.4	6.5	8.3	6.3	7.4	8.8	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
406.4
405.0
399.9
394.3
391.8
391.8
393.4
396.4
399.4
400.8
402.2
405.7
413.6
425.8
445.5
472.8
506.9
550.2
601.4
659.7
729.9
814.9
916.5
1031.8
1148.1
1283.1
1414.4
1476.4
1395.8
1103.8
625.4
196.6
57.0
29.6
15.3
5.3
0.0

OF REPORT)