

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: P846031

Luminaire Tested: **GLAN-SB1C-722-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846031
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-SB1C-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5926 lumens
Efficiency: N/A
Efficacy: 108.9 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

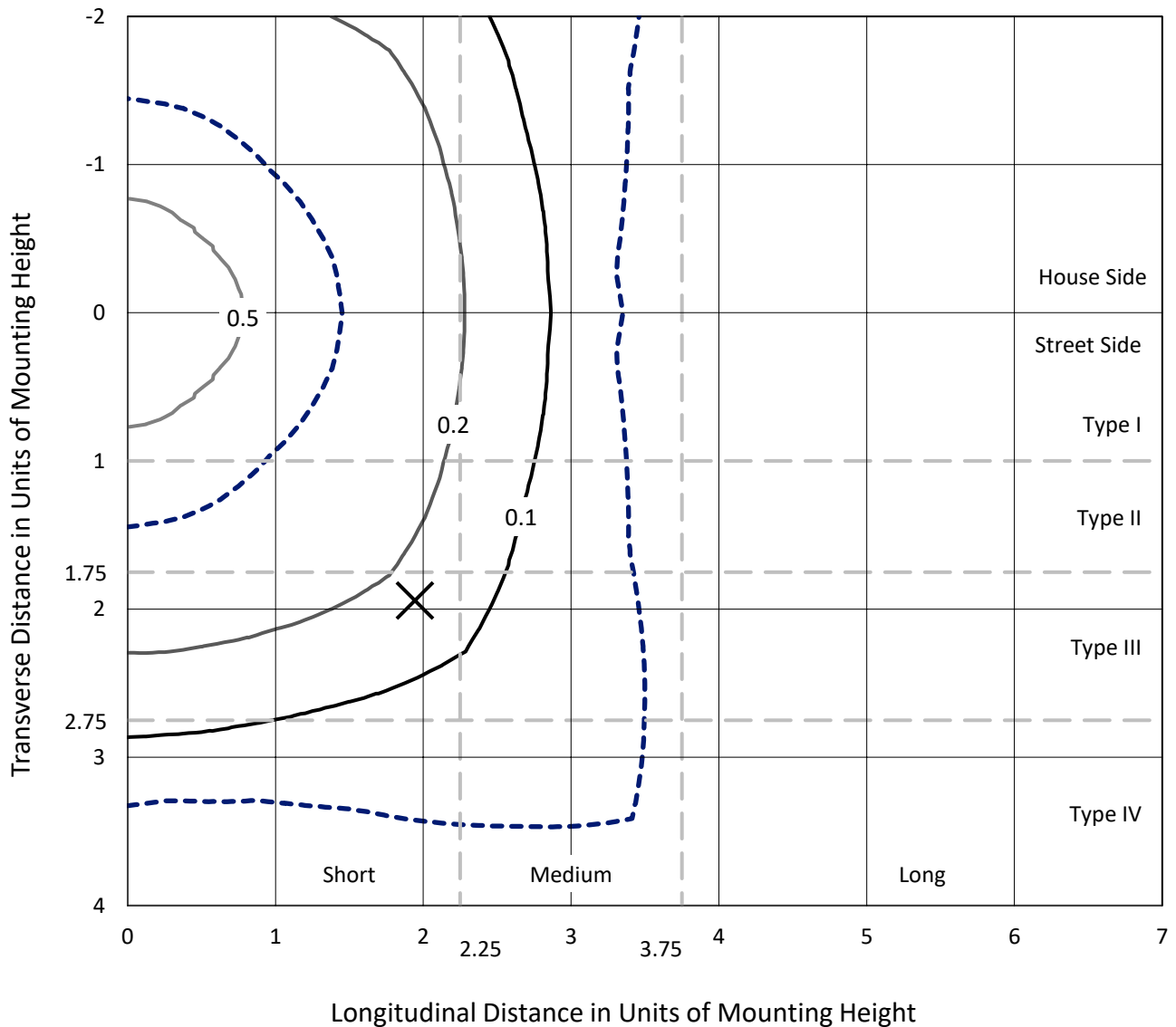
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

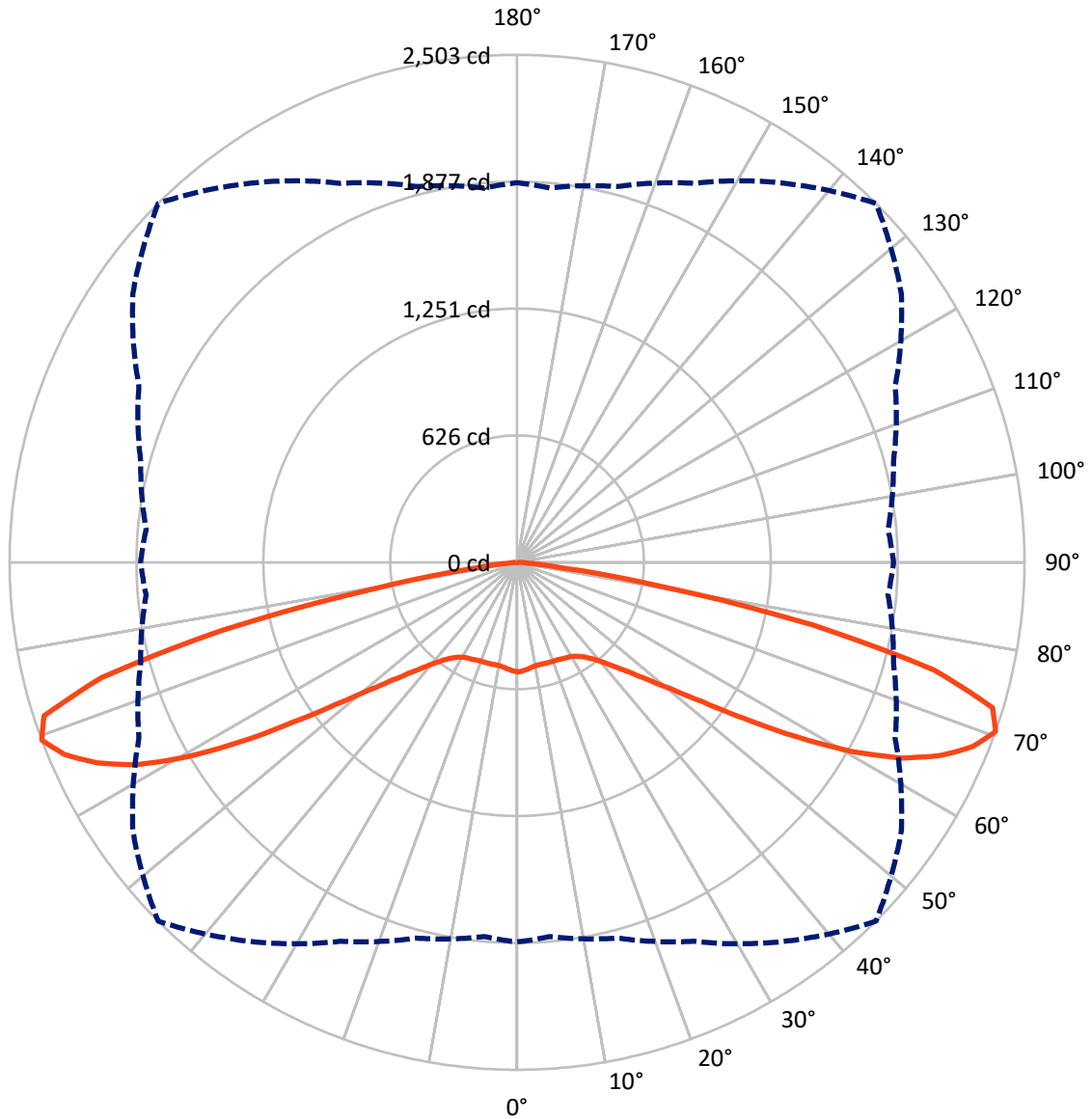
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 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
House Side	Lumens	2963.0	0.0	2963.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2963.0	0.0	2963.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5926.0	0.0	5926.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	0.8
10°-20°	147.7	2.5
20°-30°	245.7	4.1
30°-40°	371.6	6.3
40°-50°	617.5	10.4
50°-60°	1165.2	19.7
60°-70°	1967.5	33.2
70°-80°	1292.8	21.8
80°-90°	67.7	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°	5926.0	100.0
0°-180°	5926.0	100.0

Coefficient of Utilization



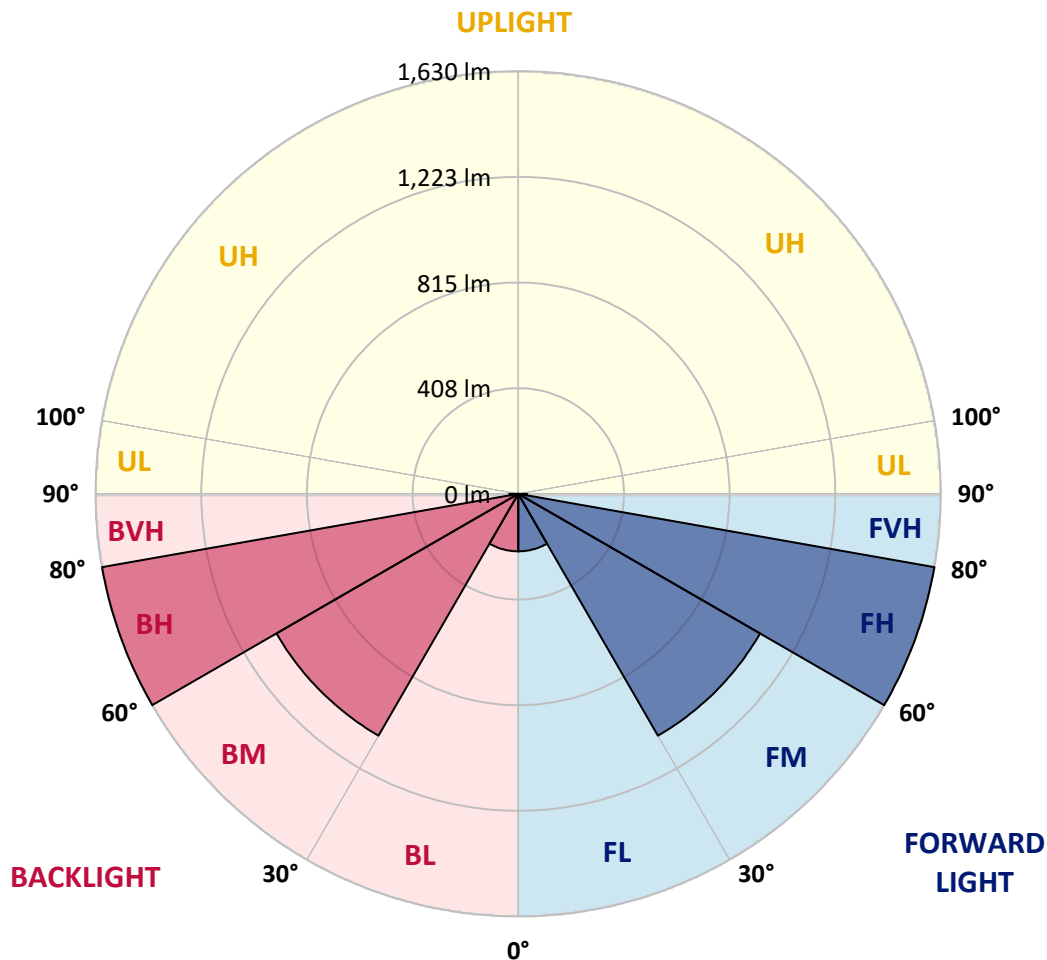
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	221.8	3.7			
FM (30°-60°)	1077.1	18.2			
FH (60°-80°)	1630.2	27.5			G1/1800
FVH (80°-90°)	33.9	0.6			G1/100
BL (0°-30°)	221.8	3.7	B1/500		
BM (30°-60°)	1077.1	18.2	B2/2500		
BH (60°-80°)	1630.2	27.5	B3/2500		G1/1800
BVH (80°-90°)	33.9	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°	540.6	540.6	540.6	540.6	540.6	540.6	540.6	540.6	540.6	540.6
2.5°	537.2	538.7	538.1	536.9	536.9	536.0	536.9	537.5	538.4	539.0
5°	530.1	531.3	531.0	530.1	530.4	529.5	530.1	531.0	531.6	531.9
7.5°	523.9	525.2	524.6	523.0	523.0	522.1	522.4	523.3	524.2	524.6
10°	522.4	523.6	521.8	519.3	518.4	517.2	517.5	518.4	520.2	521.2
12.5°	523.0	523.9	522.1	518.4	517.5	516.2	516.2	517.2	519.6	520.9
15°	524.9	525.8	523.0	519.0	518.1	517.2	516.9	518.1	520.9	523.0
17.5°	528.2	529.2	524.9	519.3	518.1	518.4	518.1	519.0	523.3	527.3
20°	531.3	531.9	526.1	519.3	518.1	518.4	518.1	519.9	525.5	531.0
22.5°	532.3	532.9	527.3	521.5	520.5	520.9	520.5	522.4	527.6	533.2
25°	532.6	533.5	529.2	524.6	526.1	526.7	526.1	526.4	530.4	535.3
27.5°	537.2	538.4	534.4	530.4	531.3	531.0	531.9	532.9	536.0	540.9
30°	546.7	547.7	544.3	540.3	539.6	537.5	540.3	543.3	546.7	551.0
32.5°	562.4	564.3	560.0	555.7	552.9	551.7	553.8	559.1	563.7	568.3
35°	588.6	589.9	585.8	577.8	572.9	572.9	574.8	581.5	588.9	594.8
37.5°	625.6	627.1	620.0	610.5	603.1	603.1	605.6	612.6	623.7	632.1
40°	670.6	672.7	663.8	653.9	646.8	645.6	648.7	656.7	667.2	677.6
42.5°	724.8	727.2	715.5	706.9	701.4	701.4	702.9	710.3	719.8	732.8
45°	794.1	798.4	782.4	773.7	768.5	769.7	770.7	777.1	785.8	800.5
47.5°	876.6	880.9	864.0	855.1	854.1	860.0	856.3	860.9	865.5	882.5
50°	970.3	977.6	965.9	965.3	967.2	978.0	969.3	971.8	966.6	977.3
52.5°	1084.8	1095.6	1093.5	1097.2	1117.8	1140.0	1120.3	1111.6	1091.9	1095.3
55°	1223.8	1240.1	1243.2	1265.3	1312.2	1357.4	1315.5	1280.7	1238.8	1231.1
57.5°	1381.8	1394.7	1409.5	1454.8	1542.2	1622.6	1542.2	1465.2	1399.3	1383.6
60°	1551.8	1567.8	1582.0	1648.8	1778.8	1891.8	1776.3	1654.1	1566.9	1545.6
62.5°	1734.4	1755.1	1764.9	1839.2	1990.7	2125.6	1992.9	1844.7	1748.0	1725.2
65°	1909.7	1926.6	1937.7	2016.9	2161.7	2296.9	2171.5	2025.5	1926.0	1896.2
67.5°	1991.3	2000.6	2027.7	2117.3	2270.1	2424.4	2296.0	2126.9	2015.7	1963.3
70°	1871.8	1853.0	1918.3	2061.9	2283.0	2502.6	2312.6	2057.6	1921.4	1836.4
72.5°	1446.4	1414.1	1527.5	1772.9	2135.2	2452.7	2150.0	1786.8	1598.0	1425.5
75°	787.0	750.3	906.8	1217.3	1702.7	2125.9	1741.8	1252.1	1009.7	781.1
77.5°	222.1	208.2	334.5	588.9	1024.2	1492.7	1063.6	601.9	396.7	235.3
80°	68.1	65.9	89.3	177.4	434.9	714.9	418.0	179.6	113.7	71.8
82.5°	40.4	37.0	44.4	64.7	110.9	224.5	107.8	67.5	54.2	36.3
85°	23.1	21.6	26.2	31.4	37.3	47.7	31.1	32.0	29.0	19.4
87.5°	9.5	8.6	10.2	9.9	8.6	11.1	8.3	9.9	11.7	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
540.6
538.7
531.9
524.6
521.2
521.2
523.3
527.3
531.3
533.2
535.0
539.6
550.1
566.4
592.6
629.0
674.3
731.8
799.9
877.5
970.9
1083.9
1219.1
1372.5
1527.2
1706.7
1881.4
1963.9
1856.7
1468.3
832.0
261.5
75.8
39.4
20.3
7.1
0.0

OF REPORT)