

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: P847521

Luminaire Tested: **GLAN-SB3C-930-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847521  
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-SB3C-930-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15334 lumens  
Efficiency: N/A  
Efficacy: 102.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G2

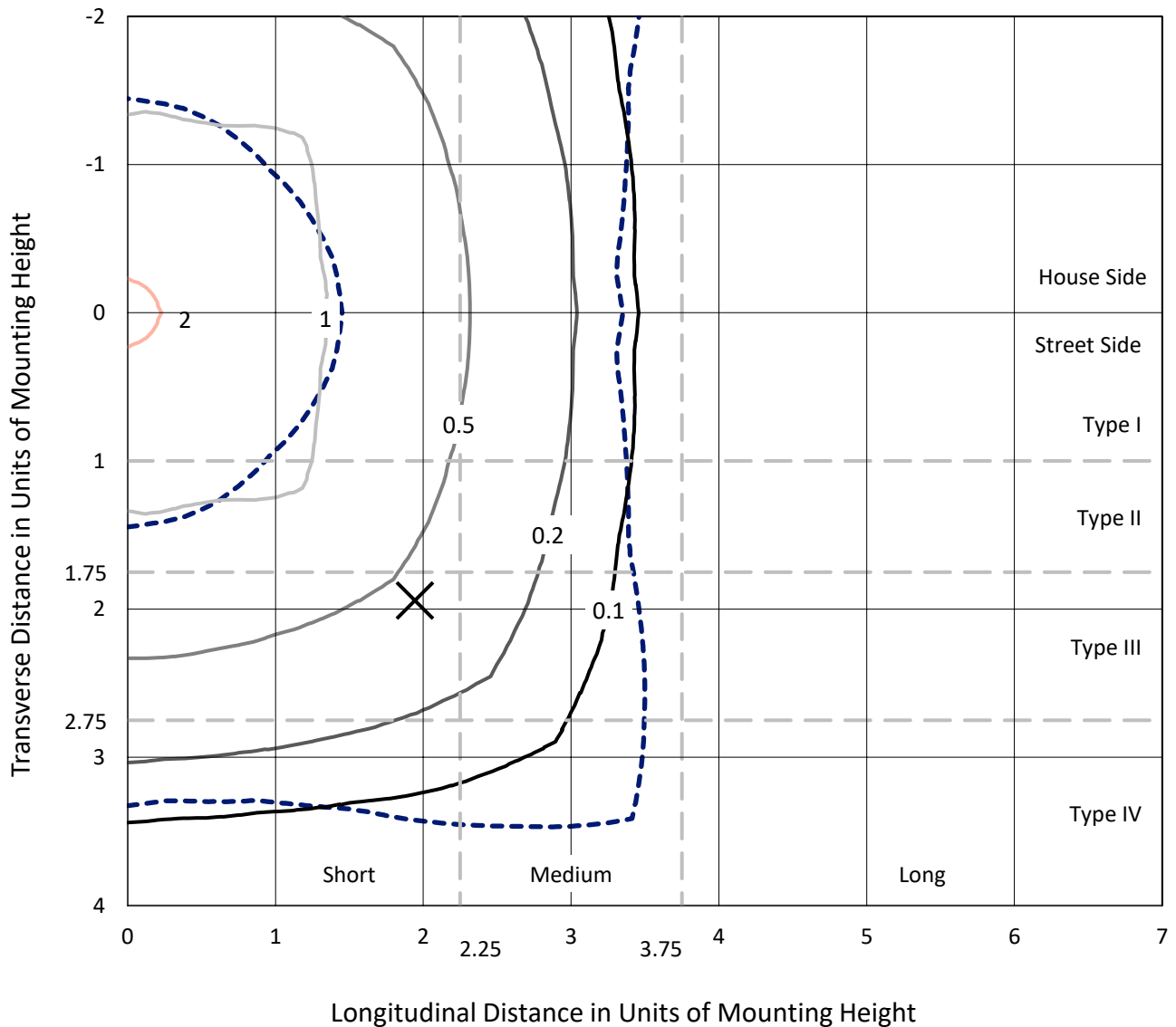
Input Watts (W): 149.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

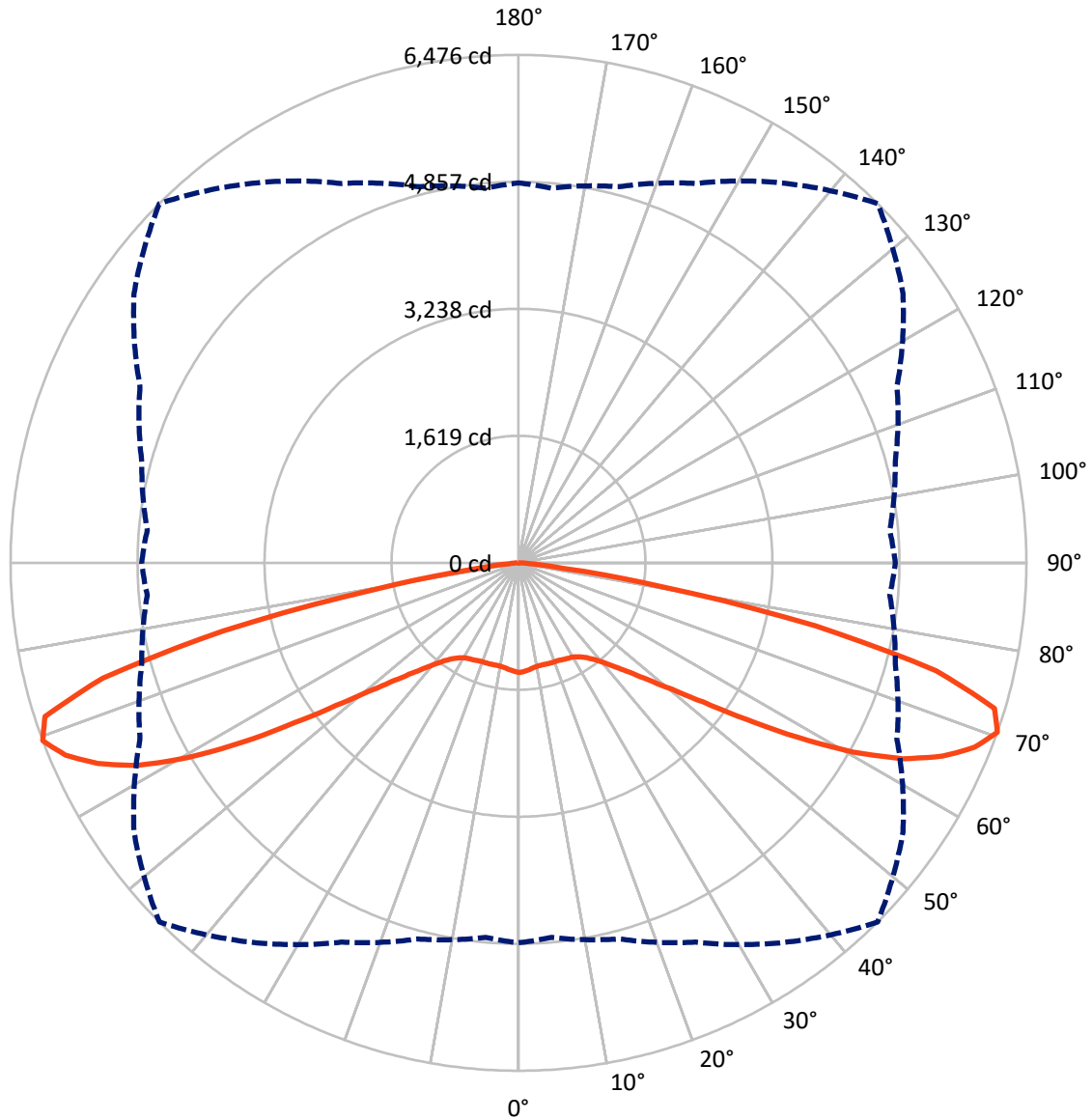
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.2 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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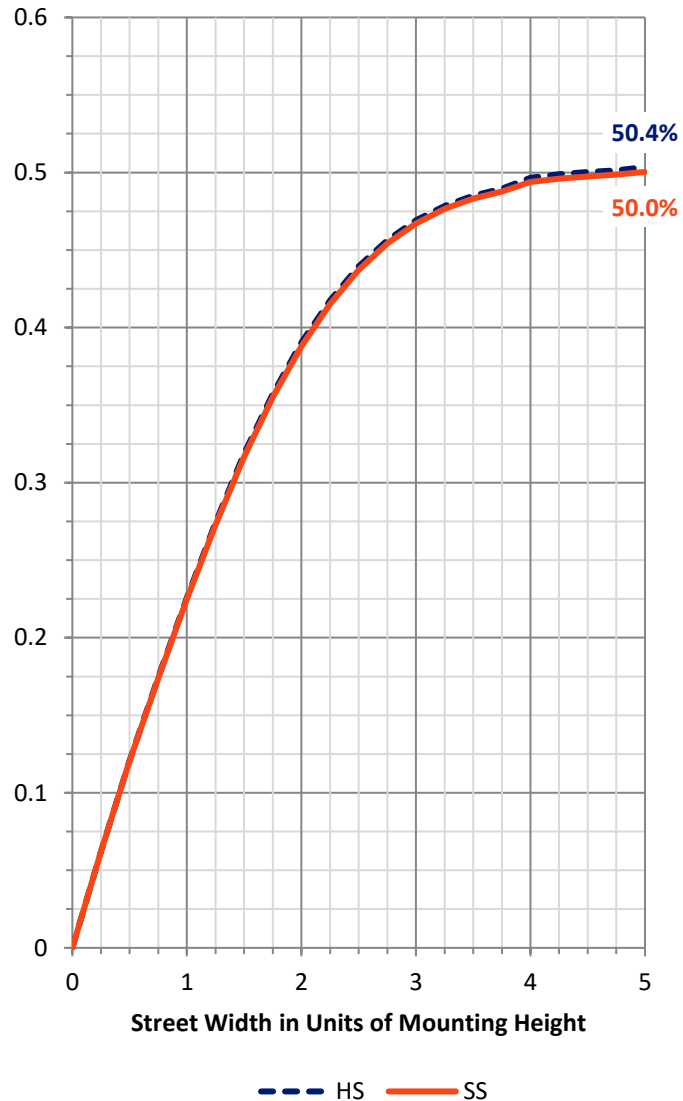
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7667.0	0.0	7667.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	7667.0	0.0	7667.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	15334.0	0.0	15334.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	130.1	0.8
10°-20°	382.1	2.5
20°-30°	635.8	4.1
30°-40°	961.5	6.3
40°-50°	1597.8	10.4
50°-60°	3015.0	19.7
60°-70°	5091.0	33.2
70°-80°	3345.3	21.8
80°-90°	175.3	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°	15334.0	100.0
0°-180°	15334.0	100.0

**Coefficient of Utilization**



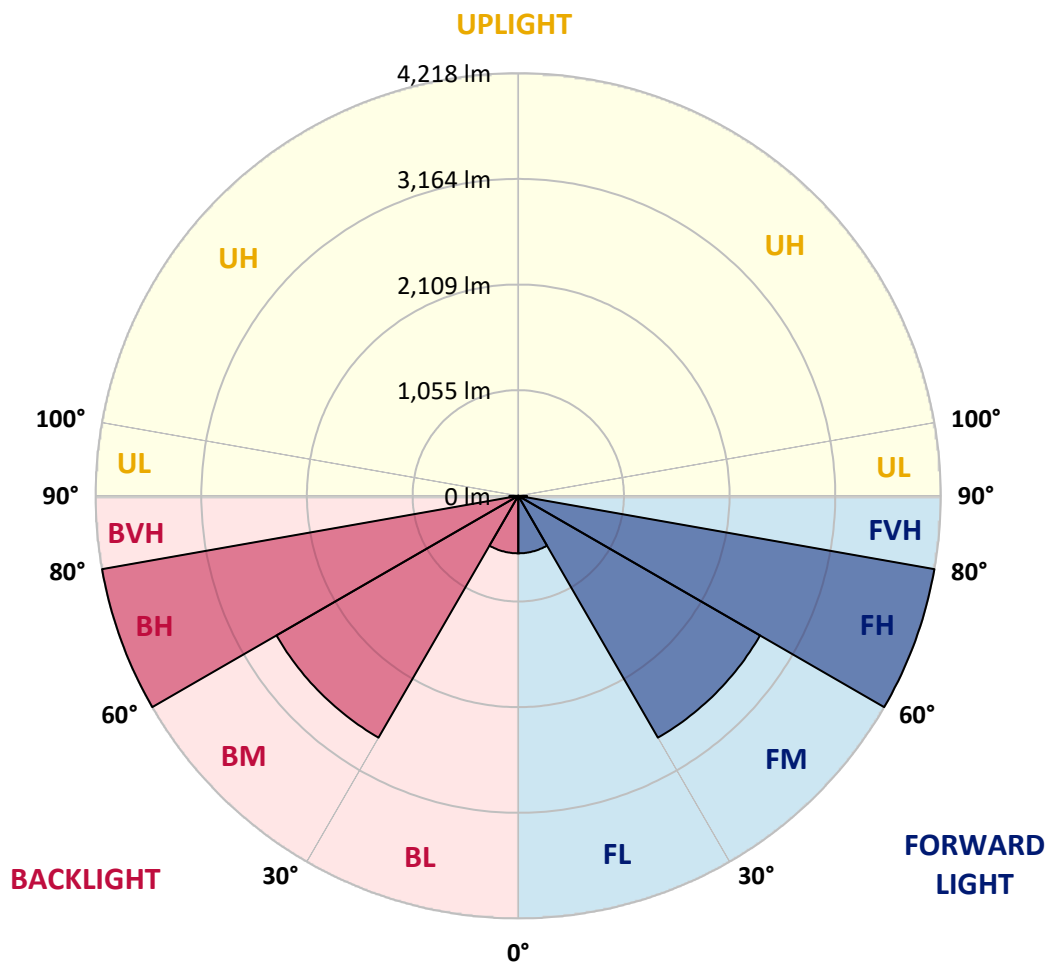
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	574.0	3.7			
FM (30°-60°)	2787.2	18.2			
FH (60°-80°)	4218.2	27.5			G2/5000
FVH (80°-90°)	87.6	0.6			G1/100
BL (0°-30°)	574.0	3.7	B2/1000		
BM (30°-60°)	2787.2	18.2	B3/5000		
BH (60°-80°)	4218.2	27.5	B4/5000		G2/5000
BVH (80°-90°)	87.6	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°	1398.8	1398.8	1398.8	1398.8	1398.8	1398.8	1398.8	1398.8	1398.8	1398.8
2.5°	1390.0	1394.0	1392.4	1389.2	1389.2	1386.8	1389.2	1390.8	1393.2	1394.8
5°	1371.7	1374.9	1374.1	1371.7	1372.5	1370.1	1371.7	1374.1	1375.7	1376.5
7.5°	1355.7	1358.9	1357.3	1353.3	1353.3	1350.9	1351.7	1354.1	1356.5	1357.3
10°	1351.7	1354.9	1350.2	1343.8	1341.4	1338.2	1339.0	1341.4	1346.2	1348.6
12.5°	1353.3	1355.7	1350.9	1341.4	1339.0	1335.8	1335.8	1338.2	1344.6	1347.8
15°	1358.1	1360.5	1353.3	1343.0	1340.6	1338.2	1337.4	1340.6	1347.8	1353.3
17.5°	1366.9	1369.3	1358.1	1343.8	1340.6	1341.4	1340.6	1343.0	1354.1	1364.5
20°	1374.9	1376.5	1361.3	1343.8	1340.6	1341.4	1340.6	1345.4	1359.7	1374.1
22.5°	1377.2	1378.8	1364.5	1349.4	1347.0	1347.8	1347.0	1351.7	1365.3	1379.6
25°	1378.0	1380.4	1369.3	1357.3	1361.3	1362.9	1361.3	1362.1	1372.5	1385.2
27.5°	1390.0	1393.2	1382.8	1372.5	1374.9	1374.1	1376.5	1378.8	1386.8	1399.6
30°	1414.7	1417.1	1408.3	1398.0	1396.4	1390.8	1398.0	1405.9	1414.7	1425.9
32.5°	1455.4	1460.1	1449.0	1437.8	1430.7	1427.5	1433.0	1446.6	1458.5	1470.5
35°	1523.1	1526.3	1515.9	1495.2	1482.5	1482.5	1487.2	1504.8	1523.9	1539.0
37.5°	1618.7	1622.7	1604.4	1579.7	1560.6	1560.6	1566.9	1585.3	1614.0	1635.5
40°	1735.1	1740.7	1717.6	1692.1	1673.7	1670.6	1678.5	1699.2	1726.3	1753.4
42.5°	1875.4	1881.8	1851.5	1829.2	1814.8	1814.8	1818.8	1837.9	1862.6	1896.1
45°	2054.7	2065.9	2024.4	2002.1	1988.6	1991.8	1994.1	2010.9	2033.2	2071.5
47.5°	2268.3	2279.5	2235.6	2212.5	2210.1	2225.3	2215.7	2227.7	2239.6	2283.5
50°	2510.6	2529.7	2499.5	2497.9	2502.6	2530.5	2508.2	2514.6	2501.0	2528.9
52.5°	2807.1	2835.0	2829.4	2839.0	2892.4	2949.8	2898.8	2876.4	2825.4	2834.2
55°	3166.6	3208.8	3216.8	3274.2	3395.3	3512.5	3404.1	3314.0	3205.6	3185.7
57.5°	3575.4	3608.9	3647.2	3764.3	3990.7	4198.7	3990.7	3791.4	3620.9	3580.2
60°	4015.4	4056.8	4093.5	4266.4	4602.8	4895.3	4596.4	4280.0	4054.4	3999.4
62.5°	4488.0	4541.4	4566.9	4759.0	5151.1	5500.2	5156.7	4773.4	4523.1	4464.1
65°	4941.5	4985.4	5014.1	5218.9	5593.5	5943.4	5619.0	5241.2	4983.8	4906.5
67.5°	5152.7	5176.6	5246.8	5478.7	5874.0	6273.3	5941.0	5503.4	5215.7	5080.2
70°	4843.5	4794.9	4963.8	5335.2	5907.5	6475.8	5984.0	5324.1	4971.8	4751.8
72.5°	3742.8	3659.1	3952.4	4587.6	5524.9	6346.7	5563.2	4623.5	4134.9	3688.6
75°	2036.4	1941.5	2346.4	3149.8	4405.9	5501.0	4507.1	3239.9	2612.6	2021.2
77.5°	574.7	538.8	865.6	1523.9	2650.1	3862.4	2752.1	1557.4	1026.6	608.9
80°	176.1	170.6	231.1	459.1	1125.4	1849.9	1081.6	464.7	294.1	185.7
82.5°	104.4	95.6	114.8	167.4	286.9	581.0	279.0	174.5	140.3	94.0
85°	59.8	55.8	67.7	81.3	96.4	123.5	80.5	82.9	74.9	50.2
87.5°	24.7	22.3	26.3	25.5	22.3	28.7	21.5	25.5	30.3	19.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1398.8
1394.0
1376.5
1357.3
1348.6
1348.6
1354.1
1364.5
1374.9
1379.6
1384.4
1396.4
1423.5
1465.7
1533.5
1627.5
1744.7
1893.7
2069.9
2270.7
2512.2
2804.7
3154.6
3551.5
3951.6
4416.3
4868.2
5081.8
4804.4
3799.4
2152.8
676.7
196.1
102.0
52.6
18.3
0.0

OF REPORT)