

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: P948715

Luminaire Tested: **GLAN-SB3C-940-U-5MQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948715
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-940-U-5MQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17052 lumens
Efficiency: N/A
Efficacy: 114.4 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): 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

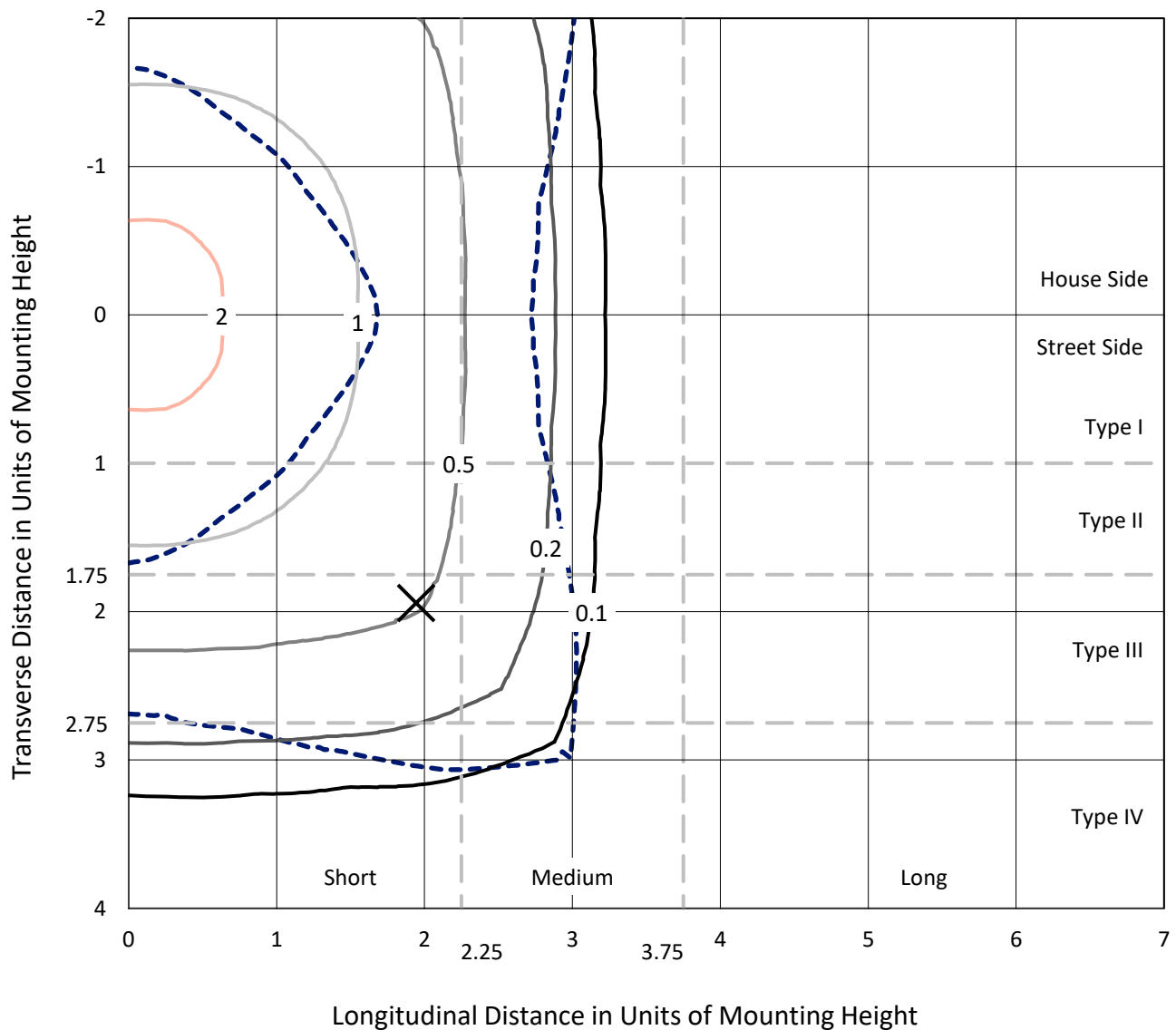


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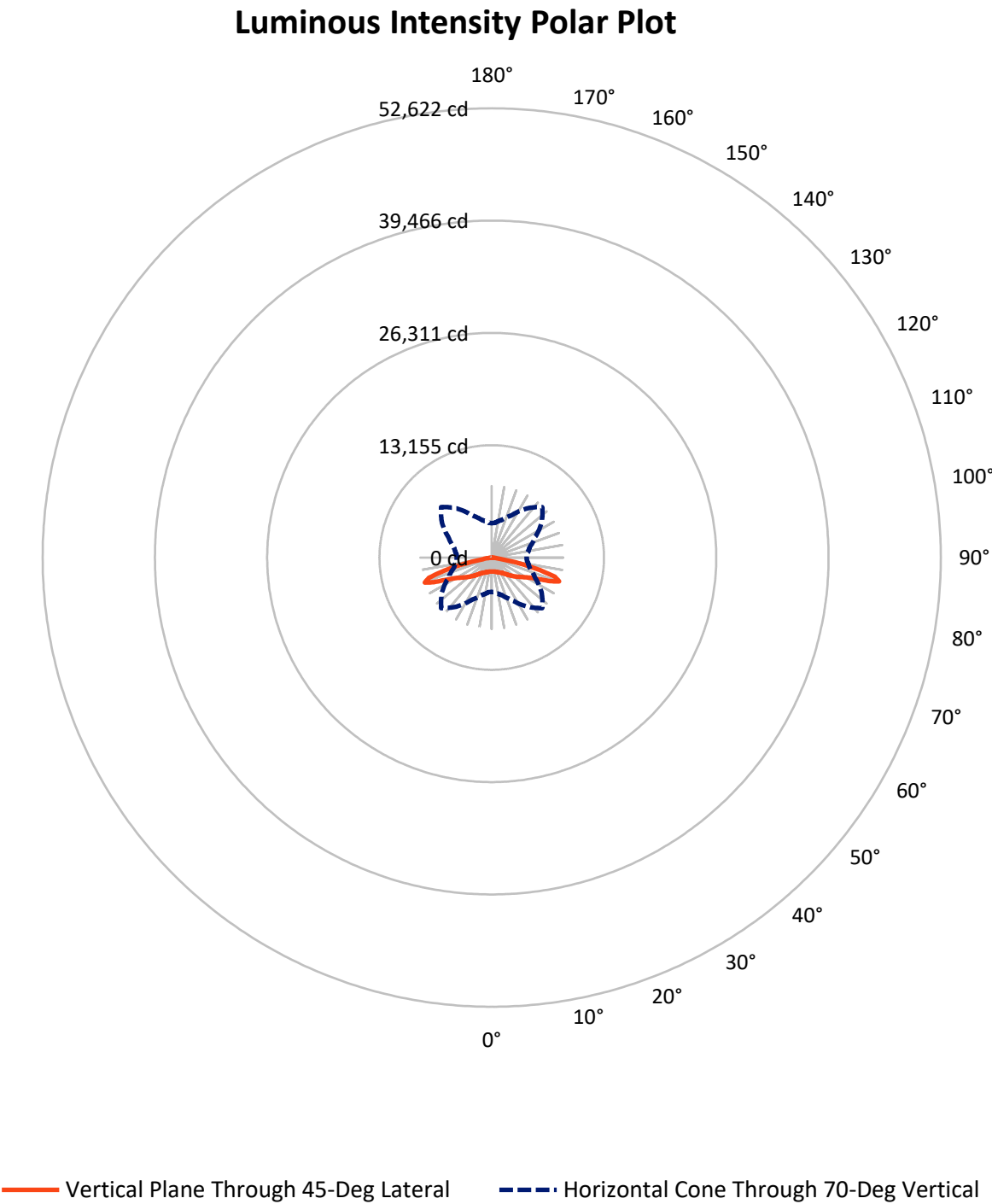
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
Type V - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8526.0	0.0	8526.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	8526.0	0.0	8526.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	17052.0	0.0	17052.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.7	0.9
10°-20°	492.1	2.9
20°-30°	879.4	5.2
30°-40°	1425.5	8.4
40°-50°	2321.8	13.6
50°-60°	3540.0	20.8
60°-70°	5266.4	30.9
70°-80°	2870.4	16.8
80°-90°	97.7	0.6
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°	17052.0	100.0
0°-180°	17052.0	100.0

Coefficient of Utilization



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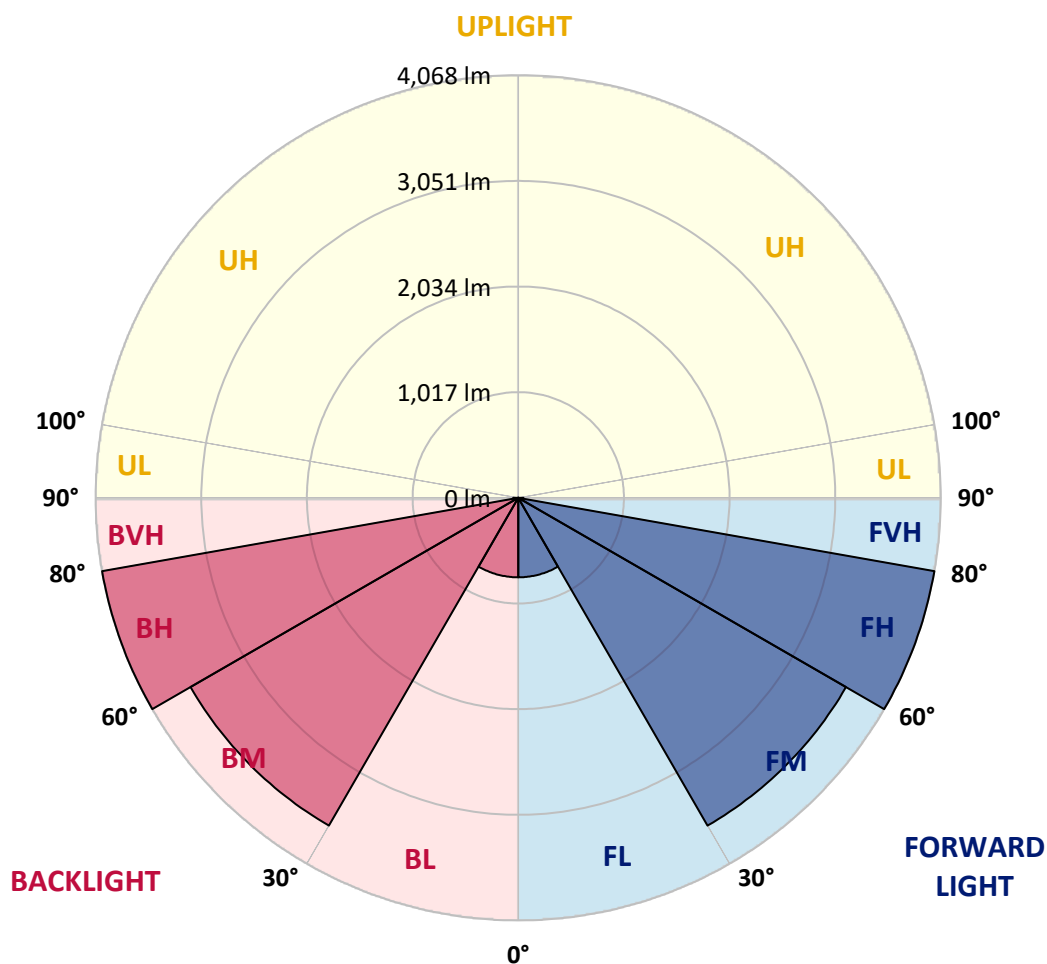
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	765.1	4.5			
FM	(30°-60°)	3643.7	21.4			
FH	(60°-80°)	4068.4	23.9			G2/5000
FVH	(80°-90°)	48.9	0.3			G1/100
BL	(0°-30°)	765.1	4.5	B2/1000		
BM	(30°-60°)	3643.7	21.4	B3/5000		
BH	(60°-80°)	4068.4	23.9	B4/5000		G2/5000
BVH	(80°-90°)	48.9	0.3			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°	1633.4	1633.4	1633.4	1633.4	1633.4	1633.4	1633.4	1633.4	1633.4	1633.4
2.5°	1641.1	1642.8	1639.4	1637.7	1636.0	1633.4	1634.3	1638.5	1642.0	1641.1
5°	1654.8	1656.5	1654.0	1653.1	1649.7	1648.8	1648.8	1653.1	1655.7	1654.0
7.5°	1670.2	1672.8	1668.5	1667.6	1665.9	1664.2	1663.4	1667.6	1670.2	1670.2
10°	1684.8	1687.3	1683.9	1681.3	1679.6	1679.6	1677.9	1681.3	1685.6	1684.8
12.5°	1700.2	1701.9	1698.5	1696.8	1696.8	1699.3	1696.8	1698.5	1701.9	1700.2
15°	1719.0	1719.9	1719.0	1721.6	1725.9	1734.4	1726.7	1725.0	1726.7	1722.4
17.5°	1744.7	1746.4	1749.8	1755.8	1761.8	1777.2	1763.5	1759.2	1759.2	1750.7
20°	1776.4	1778.9	1784.1	1794.3	1802.1	1816.6	1802.9	1796.9	1794.3	1783.2
22.5°	1809.8	1814.0	1821.7	1835.4	1849.1	1862.8	1849.1	1838.9	1831.2	1816.6
25°	1848.3	1853.4	1865.4	1887.7	1906.5	1926.2	1909.9	1889.4	1874.0	1853.4
27.5°	1903.1	1909.1	1923.6	1951.0	1975.0	1992.1	1976.7	1950.2	1928.8	1903.9
30°	1980.1	1986.1	2003.2	2032.3	2048.6	2059.7	2049.5	2028.9	2003.2	1975.0
32.5°	2079.4	2087.1	2106.0	2133.4	2136.8	2138.5	2135.1	2124.8	2106.0	2071.7
35°	2205.3	2213.8	2235.2	2257.5	2254.1	2257.5	2252.4	2248.9	2235.2	2195.9
37.5°	2359.4	2369.6	2391.9	2409.0	2400.5	2396.2	2397.0	2397.9	2390.2	2346.5
40°	2538.3	2552.0	2568.2	2586.2	2571.7	2558.8	2567.4	2574.2	2567.4	2522.9
42.5°	2722.3	2742.0	2759.2	2784.8	2772.9	2756.6	2768.6	2776.3	2761.7	2713.8
45°	2926.9	2945.8	2968.0	3006.6	2998.0	2980.9	2998.0	2999.7	2974.9	2918.4
47.5°	3138.4	3158.1	3191.5	3242.8	3239.4	3220.6	3242.8	3230.9	3199.2	3131.5
50°	3338.7	3366.1	3417.5	3489.4	3496.2	3473.1	3503.1	3480.0	3426.9	3342.1
52.5°	3527.1	3556.2	3637.5	3735.1	3759.9	3730.0	3770.2	3730.0	3650.3	3541.6
55°	3724.8	3757.3	3854.1	3981.6	4031.3	4009.0	4046.7	3985.9	3872.9	3741.1
57.5°	3957.7	3977.4	4092.9	4244.5	4328.4	4333.5	4350.6	4247.9	4110.9	3961.1
60°	4210.2	4237.6	4363.5	4544.9	4677.6	4720.4	4702.5	4550.1	4390.8	4218.8
62.5°	4533.8	4563.8	4714.4	4931.9	5141.6	5247.8	5177.6	4956.7	4759.8	4553.5
65°	4801.8	4835.2	5107.4	5495.2	5877.0	6090.2	5913.8	5507.2	5152.8	4861.7
67.5°	4607.4	4648.5	5075.7	5788.0	6737.4	7373.4	6769.9	5875.3	5181.0	4786.4
70°	4027.0	4065.5	4563.8	5434.4	6979.6	8373.3	7125.2	5594.5	4580.0	4138.3
72.5°	2673.5	2797.7	3301.9	4346.3	6232.3	7748.4	6293.9	4258.2	3063.1	2667.6
75°	886.9	986.2	1330.4	2253.2	4174.3	5794.8	3973.9	1993.8	1053.8	758.5
77.5°	223.4	257.7	355.3	644.6	1665.1	3299.3	1499.0	526.5	286.8	200.3
80°	108.7	119.9	171.2	214.9	416.9	1048.7	391.2	202.0	135.3	104.4
82.5°	59.9	60.8	96.7	121.6	155.0	271.4	160.9	118.1	77.9	63.4
85°	36.8	36.0	51.4	65.1	65.1	96.7	77.0	65.1	44.5	39.4
87.5°	14.6	14.6	18.8	20.5	18.0	24.8	19.7	21.4	17.1	16.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1633.4
1642.0
1654.8
1670.2
1684.8
1699.3
1722.4
1750.7
1783.2
1815.8
1852.6
1903.1
1975.0
2072.6
2195.9
2346.5
2522.9
2717.2
2924.4
3127.3
3340.4
3531.3
3723.1
3940.5
4191.4
4517.5
4813.8
4727.3
4079.2
2581.1
717.4
178.9
95.9
63.4
41.1
17.1
0.0