

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: P948656

Luminaire Tested: **GLAN-SB3C-927-U-RW**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948656
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-927-U-RW
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR
WIDE OPTICS
Light Source: -
Ballast/Driver: -

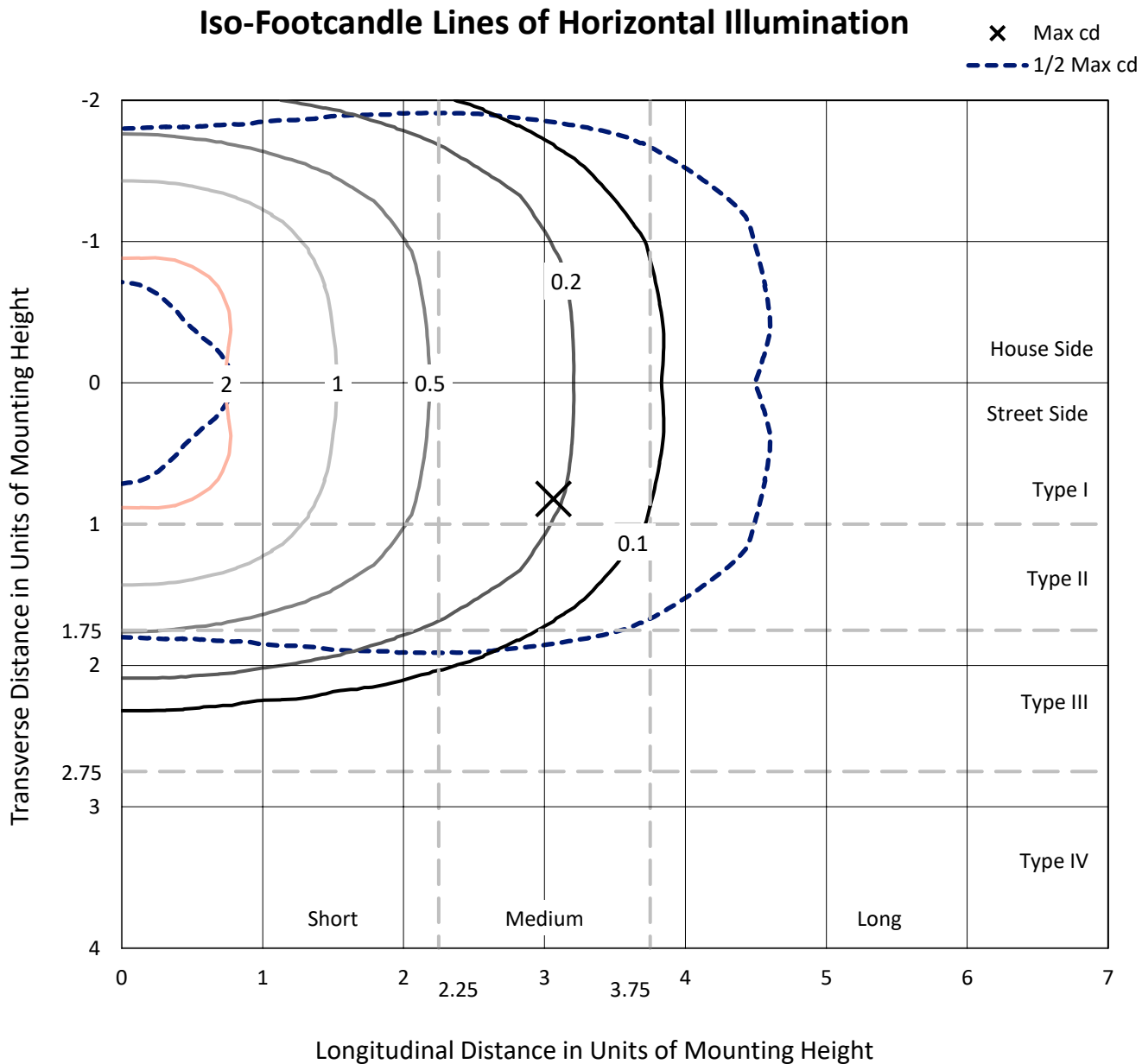
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14084 lumens
Efficiency: N/A
Efficacy: 94.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G3

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

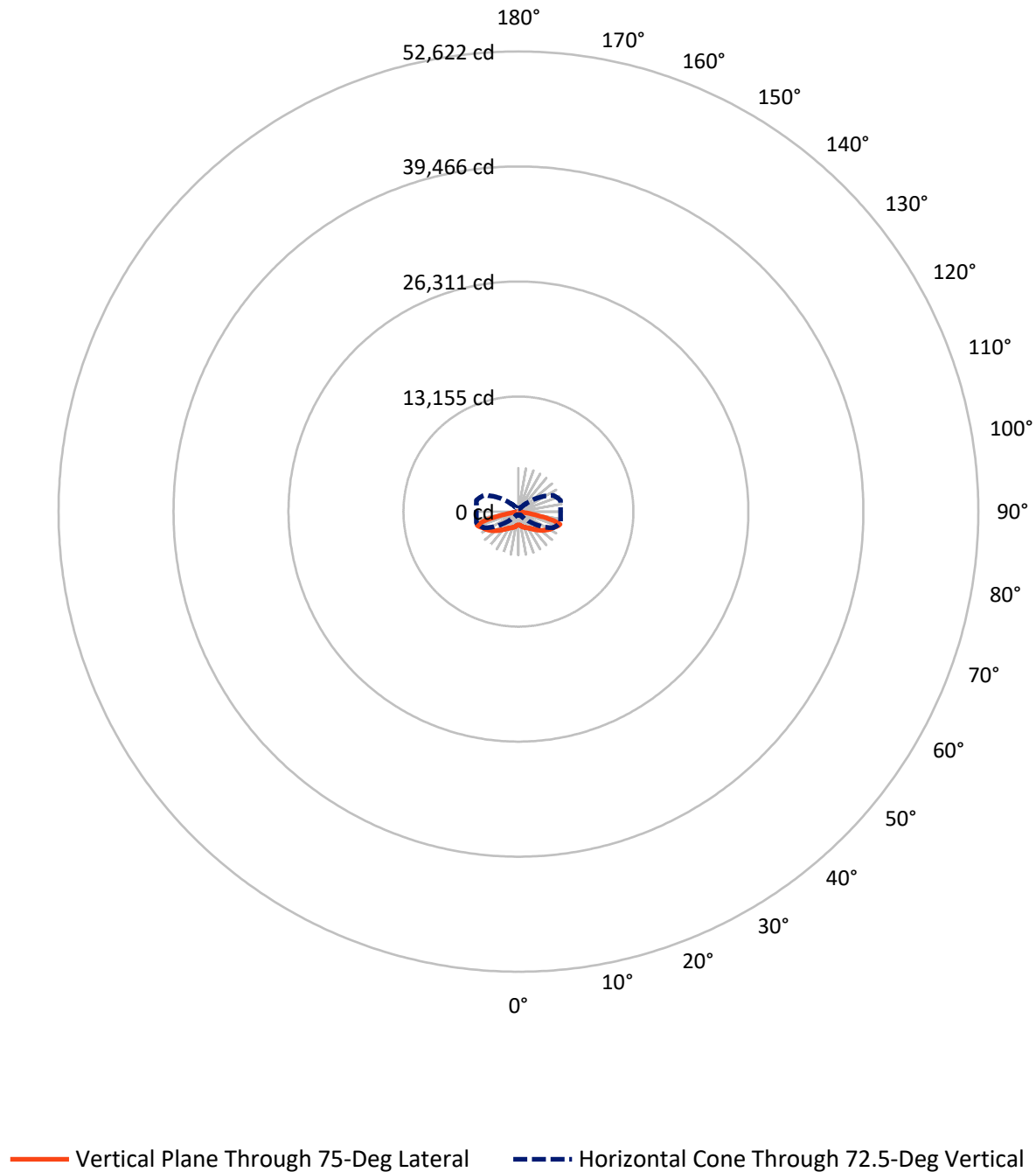


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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7042.0	0.0	7042.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7042.0	0.0	7042.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	14084.0	0.0	14084.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.8	1.0
10°-20°	487.4	3.5
20°-30°	941.8	6.7
30°-40°	1590.4	11.3
40°-50°	2522.1	17.9
50°-60°	3376.9	24.0
60°-70°	3213.7	22.8
70°-80°	1677.0	11.9
80°-90°	126.9	0.9
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°	14084.0	100.0
0°-180°	14084.0	100.0

Coefficient of Utilization



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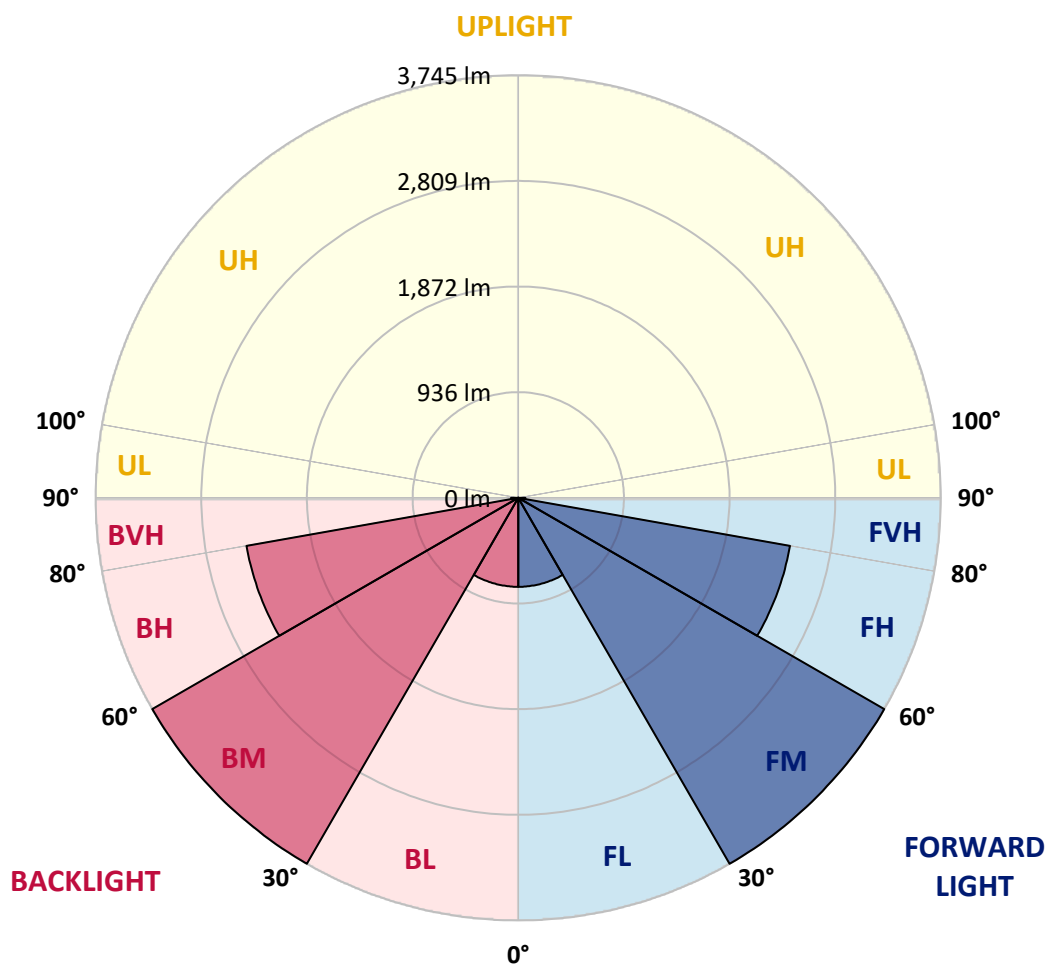
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	788.5	5.6			
FM	(30°-60°)	3744.7	26.6			
FH	(60°-80°)	2445.3	17.4			G2/5000
FVH	(80°-90°)	63.5	0.5			G1/100
BL	(0°-30°)	788.5	5.6	B2/1000		
BM	(30°-60°)	3744.7	26.6	B3/5000		
BH	(60°-80°)	2445.3	17.4	B3/2500		G3/2500
BVH	(80°-90°)	63.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1508.6	1508.6	1508.6	1508.6	1508.6	1508.6	1508.6	1508.6	1508.6	1508.6
2.5°	1508.6	1507.2	1508.6	1510.1	1509.4	1509.4	1513.0	1515.1	1519.4	1518.7
5°	1498.6	1497.9	1503.6	1510.1	1515.1	1523.7	1534.5	1542.4	1552.5	1554.7
7.5°	1493.5	1491.4	1501.5	1513.0	1528.8	1550.4	1571.2	1592.8	1610.0	1615.8
10°	1497.1	1497.9	1511.5	1533.1	1558.3	1588.5	1618.0	1654.6	1679.1	1684.8
12.5°	1513.7	1512.2	1535.3	1569.8	1604.3	1642.4	1676.9	1717.2	1743.8	1757.5
15°	1543.9	1541.0	1573.4	1624.4	1674.8	1719.3	1747.4	1785.5	1816.4	1833.7
17.5°	1579.8	1581.3	1623.7	1689.9	1756.0	1806.4	1833.0	1852.4	1876.1	1891.2
20°	1643.1	1646.0	1693.5	1771.8	1847.3	1904.9	1926.4	1919.2	1925.7	1937.2
22.5°	1728.0	1729.4	1782.6	1867.5	1946.6	2009.9	2024.2	1994.8	1976.8	1984.7
25°	1826.5	1835.8	1889.0	1976.1	2057.3	2117.7	2124.2	2079.6	2035.0	2037.2
27.5°	1946.6	1955.2	2009.1	2095.4	2178.1	2230.6	2229.9	2170.2	2104.8	2088.2
30°	2076.7	2086.1	2141.4	2230.6	2307.6	2353.6	2343.5	2272.3	2178.8	2147.9
32.5°	2231.3	2237.1	2293.2	2382.3	2453.5	2490.2	2469.4	2381.6	2265.1	2229.9
35°	2418.3	2426.9	2468.6	2552.8	2615.3	2645.5	2610.3	2506.7	2375.9	2336.3
37.5°	2631.9	2626.1	2673.6	2748.4	2800.1	2818.8	2770.6	2647.7	2502.4	2455.7
40°	2854.8	2851.9	2903.7	2975.6	3003.6	3015.1	2943.9	2809.5	2648.4	2598.1
42.5°	3056.8	3054.7	3124.4	3204.3	3238.1	3225.1	3135.2	2981.3	2817.4	2759.9
45°	3218.6	3215.8	3301.3	3413.5	3479.7	3458.1	3337.3	3171.2	2988.5	2928.8
47.5°	3343.0	3344.5	3436.5	3575.3	3691.1	3699.0	3543.7	3364.6	3176.9	3109.3
50°	3432.9	3437.2	3535.8	3689.6	3847.8	3917.6	3754.4	3563.1	3371.8	3295.6
52.5°	3455.2	3463.1	3581.8	3762.3	3948.5	4081.5	3968.7	3753.6	3556.6	3484.0
55°	3336.6	3352.4	3502.7	3756.5	4010.4	4189.4	4157.1	3947.1	3742.9	3668.1
57.5°	3064.0	3086.3	3261.8	3593.3	3996.7	4263.5	4303.0	4132.6	3929.1	3857.2
60°	2682.2	2708.8	2877.1	3238.8	3804.0	4290.8	4405.9	4313.1	4100.2	4030.5
62.5°	2106.2	2140.7	2342.1	2766.3	3397.0	4163.5	4493.6	4476.3	4254.1	4167.1
65°	1351.2	1387.8	1600.0	2101.2	2854.1	3773.8	4520.9	4635.2	4416.6	4295.1
67.5°	814.7	831.3	936.3	1273.5	2086.1	3186.3	4289.4	4811.4	4606.5	4455.5
70°	521.3	530.7	593.2	747.9	1179.3	2324.8	3715.5	4844.5	4836.6	4620.1
72.5°	353.8	356.7	373.2	443.0	667.3	1321.0	2740.4	4385.7	4980.4	4832.3
75°	258.9	274.7	301.3	313.5	379.0	660.1	1570.5	3081.3	4197.3	4262.0
77.5°	192.7	193.4	230.1	244.5	270.4	351.6	664.4	1720.1	2606.0	2736.1
80°	163.2	154.6	153.9	197.0	203.5	219.3	297.0	594.0	933.4	565.9
82.5°	135.9	126.6	114.3	153.9	138.8	134.5	128.7	241.6	297.0	146.0
85°	94.9	90.6	86.3	100.7	79.1	67.6	61.8	112.9	125.1	61.8
87.5°	41.0	42.4	43.1	44.6	33.1	23.7	23.7	31.6	31.6	24.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1508.6
1518.0
1554.7
1617.2
1690.6
1763.2
1840.1
1898.4
1945.9
1990.4
2040.8
2093.3
2151.5
2238.5
2342.1
2464.3
2614.6
2774.2
2942.5
3129.5
3318.6
3502.7
3688.9
3873.7
4045.6
4177.2
4310.2
4467.0
4618.7
4809.3
4105.3
2440.6
427.9
124.4
54.7
18.0
0.0