

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: P847341

Luminaire Tested: **GLAN-SB3B-927-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847341
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-SB3B-927-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11005 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

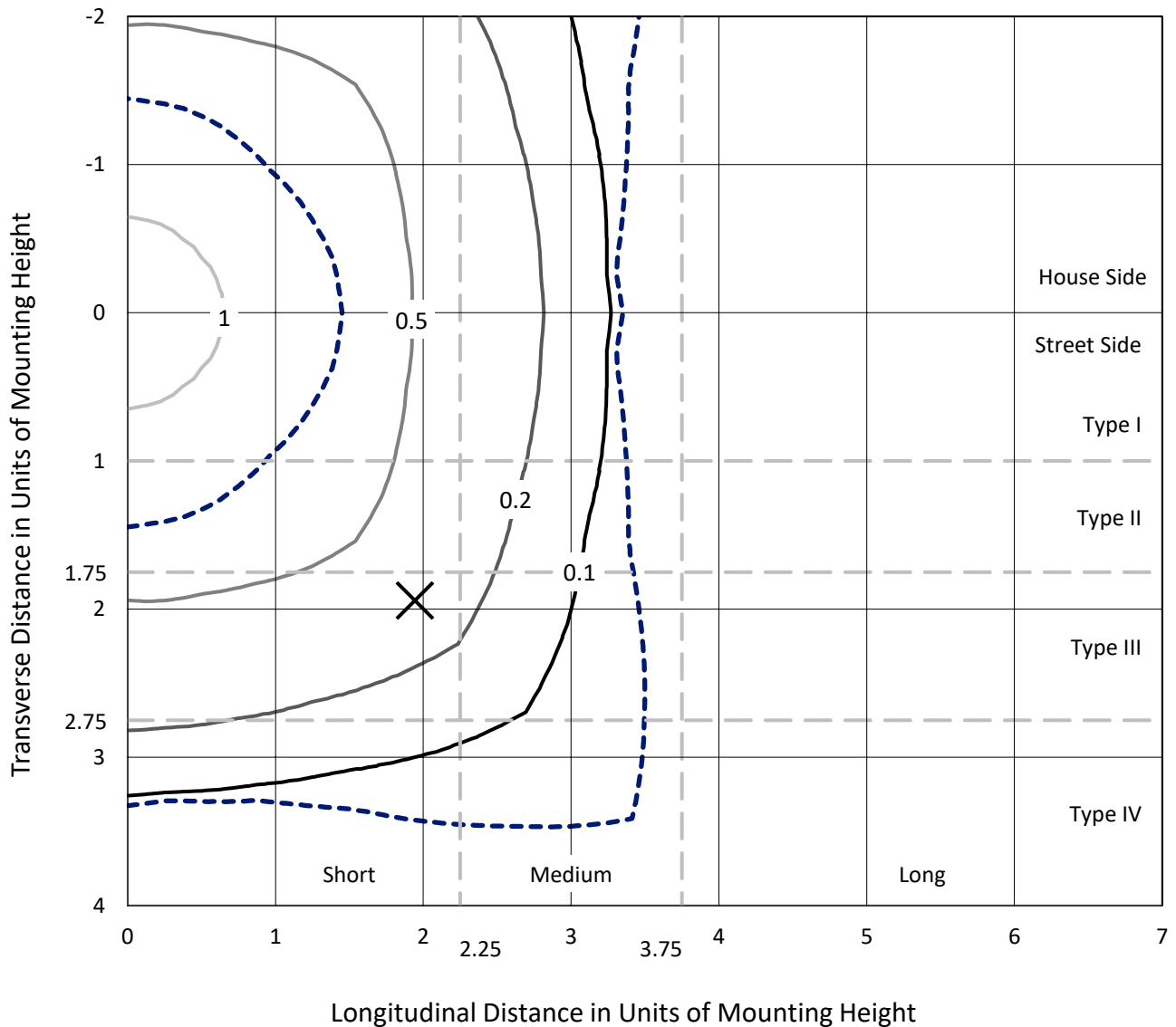
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

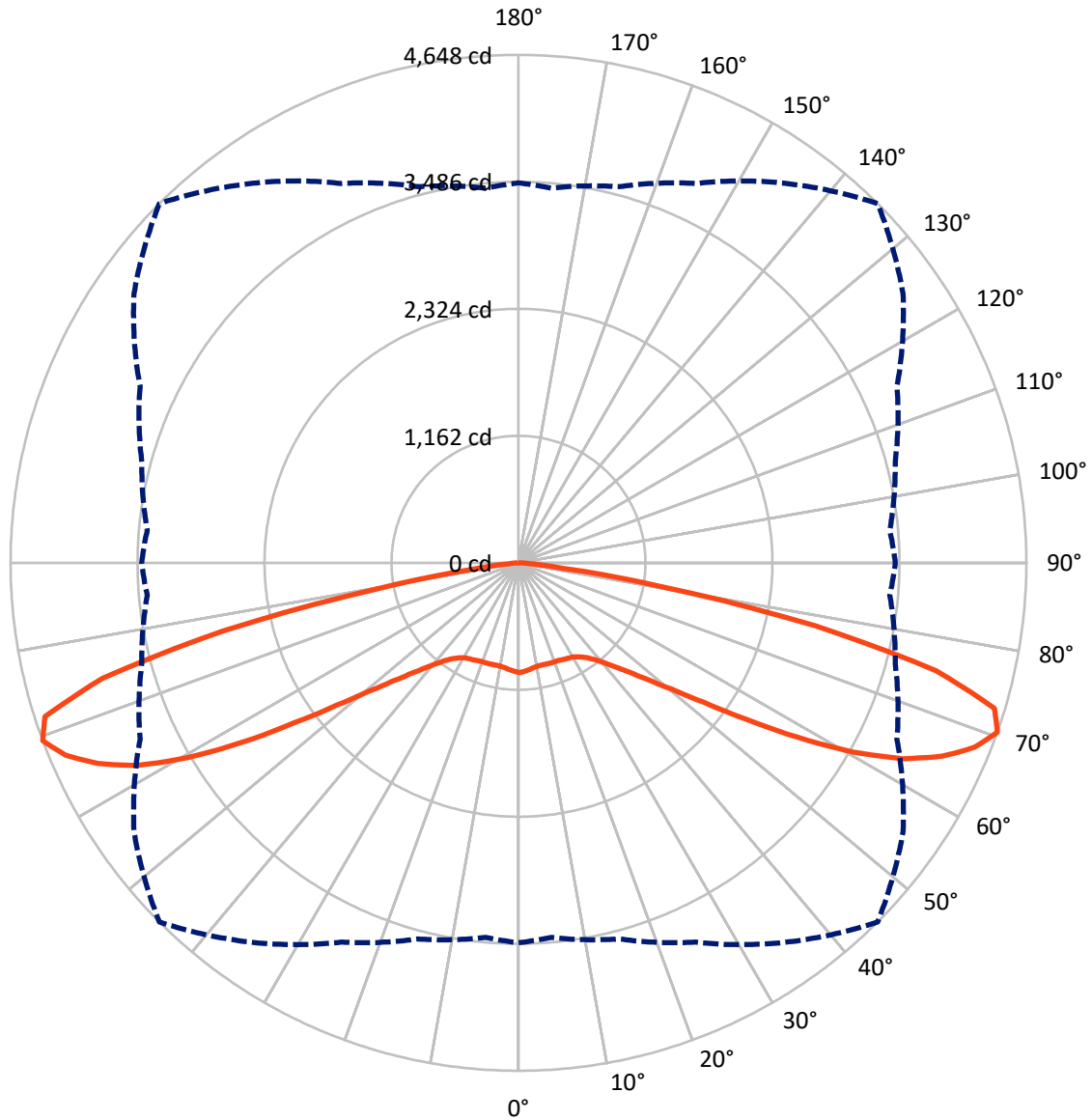
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 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	5502.5	0.0	5502.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5502.5	0.0	5502.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	11005.0	0.0	11005.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.4	0.8
10°-20°	274.2	2.5
20°-30°	456.3	4.1
30°-40°	690.1	6.3
40°-50°	1146.7	10.4
50°-60°	2163.9	19.7
60°-70°	3653.8	33.2
70°-80°	2400.9	21.8
80°-90°	125.8	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°	11005.0	100.0
0°-180°	11005.0	100.0

Coefficient of Utilization



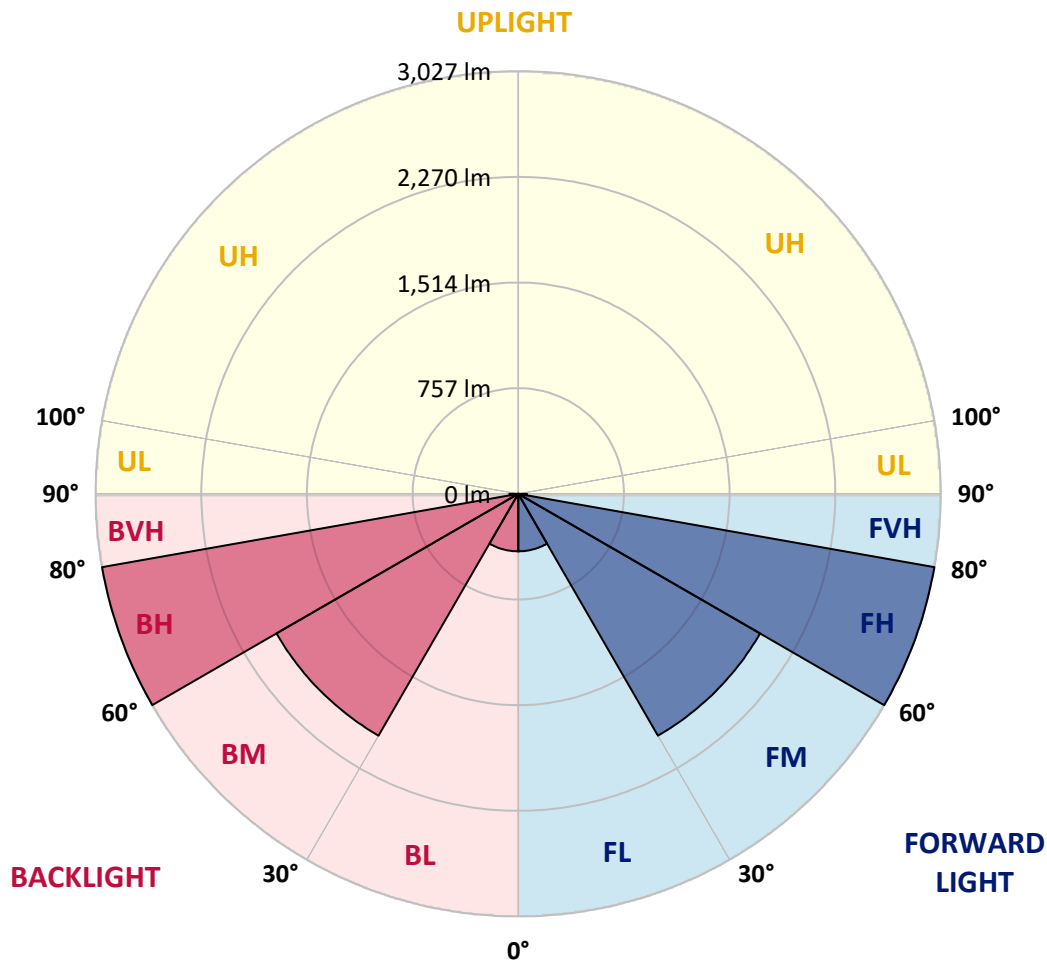
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	411.9	3.7			
FM (30°-60°)	2000.3	18.2			
FH (60°-80°)	3027.3	27.5			G2/5000
FVH (80°-90°)	62.9	0.6			G1/100
BL (0°-30°)	411.9	3.7	B1/500		
BM (30°-60°)	2000.3	18.2	B2/2500		
BH (60°-80°)	3027.3	27.5	B4/5000		G2/5000
BVH (80°-90°)	62.9	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1003.9	1003.9	1003.9	1003.9	1003.9	1003.9	1003.9	1003.9	1003.9	1003.9
2.5°	997.6	1000.4	999.3	997.0	997.0	995.3	997.0	998.2	999.9	1001.0
5°	984.4	986.7	986.1	984.4	985.0	983.3	984.4	986.1	987.3	987.9
7.5°	973.0	975.3	974.1	971.3	971.3	969.6	970.1	971.8	973.6	974.1
10°	970.1	972.4	969.0	964.4	962.7	960.4	961.0	962.7	966.1	967.8
12.5°	971.3	973.0	969.6	962.7	961.0	958.7	958.7	960.4	965.0	967.3
15°	974.7	976.4	971.3	963.8	962.1	960.4	959.8	962.1	967.3	971.3
17.5°	981.0	982.7	974.7	964.4	962.1	962.7	962.1	963.8	971.8	979.3
20°	986.7	987.9	977.0	964.4	962.1	962.7	962.1	965.6	975.8	986.1
22.5°	988.4	989.6	979.3	968.4	966.7	967.3	966.7	970.1	979.9	990.1
25°	989.0	990.7	982.7	974.1	977.0	978.1	977.0	977.6	985.0	994.2
27.5°	997.6	999.9	992.4	985.0	986.7	986.1	987.9	989.6	995.3	1004.4
30°	1015.3	1017.0	1010.7	1003.3	1002.2	998.2	1003.3	1009.0	1015.3	1023.3
32.5°	1044.5	1047.9	1039.9	1031.9	1026.8	1024.5	1028.5	1038.2	1046.8	1055.4
35°	1093.1	1095.4	1088.0	1073.1	1063.9	1063.9	1067.4	1080.0	1093.7	1104.6
37.5°	1161.8	1164.6	1151.5	1133.7	1120.0	1120.0	1124.6	1137.7	1158.3	1173.8
40°	1245.3	1249.3	1232.7	1214.4	1201.2	1198.9	1204.7	1219.5	1239.0	1258.4
42.5°	1345.9	1350.5	1328.8	1312.8	1302.5	1302.5	1305.3	1319.1	1336.8	1360.8
45°	1474.6	1482.6	1452.9	1436.9	1427.2	1429.5	1431.2	1443.2	1459.2	1486.7
47.5°	1627.9	1635.9	1604.5	1587.9	1586.2	1597.1	1590.2	1598.8	1607.3	1638.8
50°	1801.8	1815.6	1793.8	1792.7	1796.1	1816.1	1800.1	1804.7	1795.0	1815.0
52.5°	2014.6	2034.6	2030.6	2037.5	2075.8	2117.0	2080.4	2064.4	2027.8	2034.1
55°	2272.6	2302.9	2308.6	2349.8	2436.8	2520.8	2443.1	2378.4	2300.6	2286.3
57.5°	2566.0	2590.1	2617.5	2701.6	2864.1	3013.3	2864.1	2721.1	2598.6	2569.5
60°	2881.8	2911.5	2937.8	3062.0	3303.4	3513.3	3298.8	3071.7	2909.8	2870.3
62.5°	3221.0	3259.3	3277.6	3415.5	3696.9	3947.4	3700.9	3425.8	3246.2	3203.8
65°	3546.5	3577.9	3598.5	3745.5	4014.4	4265.5	4032.7	3761.5	3576.8	3521.3
67.5°	3698.0	3715.2	3765.5	3932.0	4215.7	4502.3	4263.8	3949.7	3743.2	3646.0
70°	3476.1	3441.2	3562.5	3829.0	4239.7	4647.6	4294.7	3821.0	3568.2	3410.3
72.5°	2686.2	2626.1	2836.6	3292.5	3965.2	4554.9	3992.6	3318.2	2967.6	2647.3
75°	1461.5	1393.4	1684.0	2260.6	3162.1	3948.0	3234.7	2325.2	1875.0	1450.6
77.5°	412.4	386.7	621.2	1093.7	1901.9	2772.0	1975.2	1117.7	736.7	437.0
80°	126.4	122.4	165.9	329.5	807.7	1327.6	776.2	333.5	211.1	133.3
82.5°	74.9	68.6	82.4	120.1	205.9	417.0	200.2	125.3	100.7	67.5
85°	42.9	40.0	48.6	58.3	69.2	88.7	57.8	59.5	53.8	36.0
87.5°	17.7	16.0	18.9	18.3	16.0	20.6	15.4	18.3	21.7	14.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1003.9
1000.4
987.9
974.1
967.8
967.8
971.8
979.3
986.7
990.1
993.6
1002.2
1021.6
1051.9
1100.5
1168.0
1252.1
1359.1
1485.5
1629.7
1803.0
2012.9
2264.0
2548.9
2836.0
3169.5
3493.8
3647.1
3448.1
2726.8
1545.0
485.6
140.7
73.2
37.8
13.2
0.0

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