

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: P845724

Luminaire Tested: **GLAN-SB1A-735-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845724
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-735-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4356 lumens
Efficiency: N/A
Efficacy: 141.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

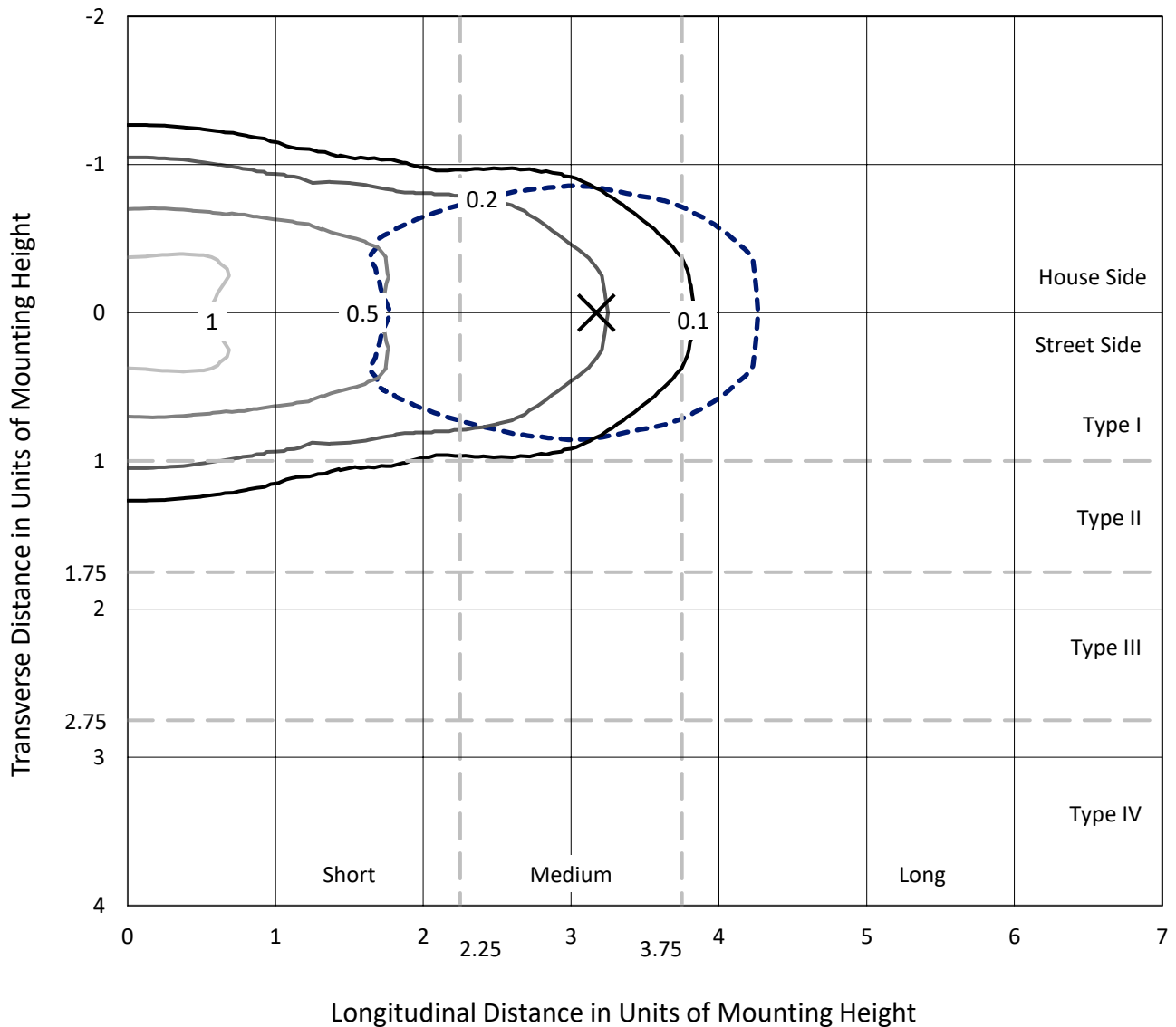
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

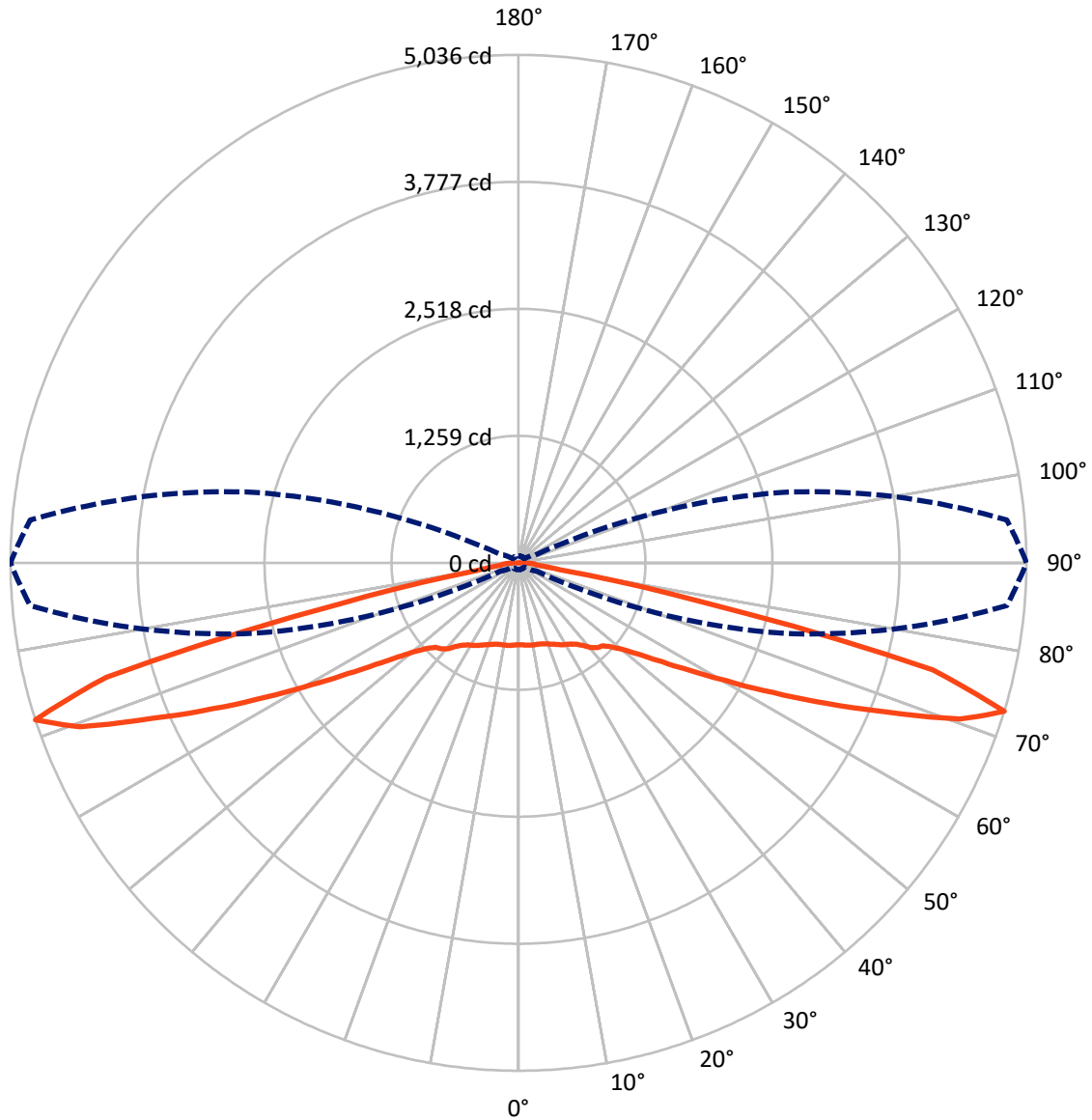
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2178.0	0.0	2178.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2178.0	0.0	2178.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4356.0	0.0	4356.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.9	1.8
10°-20°	241.3	5.5
20°-30°	402.4	9.2
30°-40°	553.4	12.7
40°-50°	675.8	15.5
50°-60°	781.7	17.9
60°-70°	932.0	21.4
70°-80°	650.5	14.9
80°-90°	40.0	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°	4356.0	100.0
0°-180°	4356.0	100.0

Coefficient of Utilization



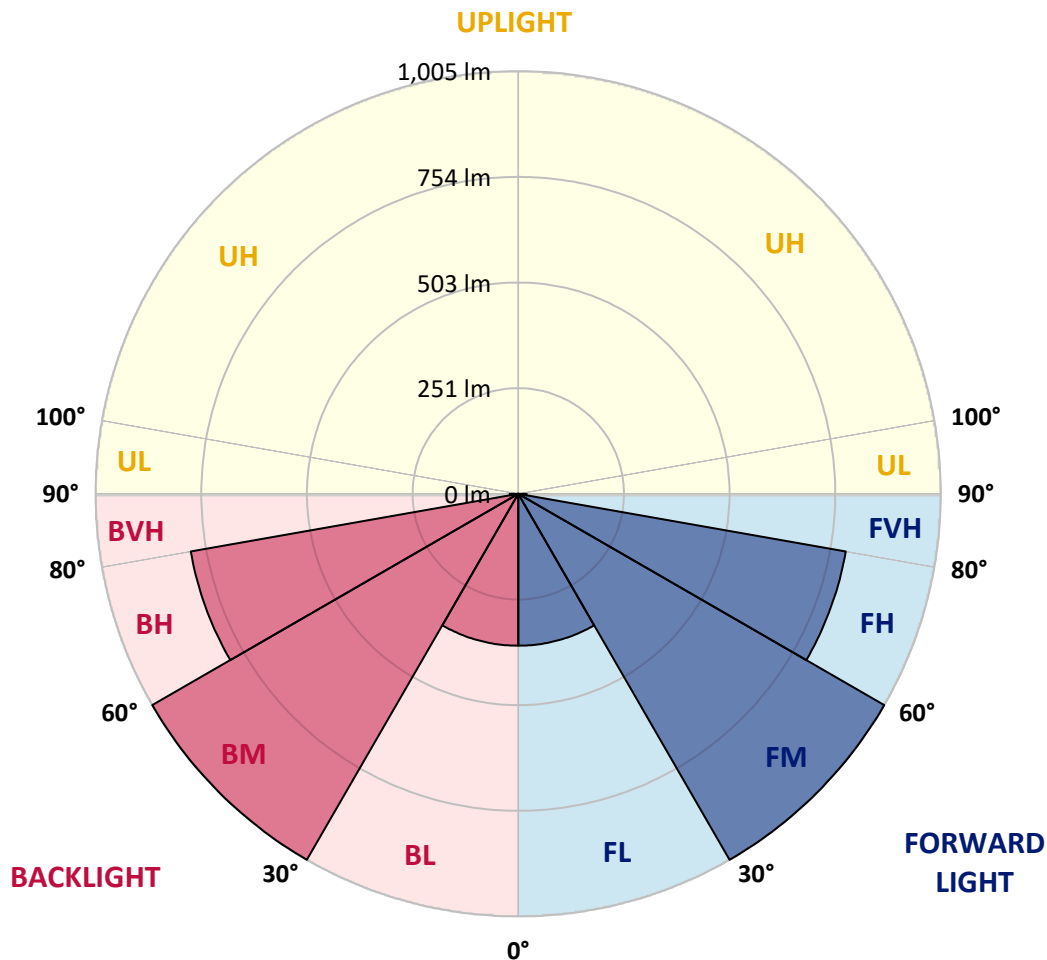
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	361.3	8.3			
FM (30°-60°)	1005.5	23.1			
FH (60°-80°)	791.3	18.2			G1/1800
FVH (80°-90°)	20.0	0.5			G1/100
BL (0°-30°)	361.3	8.3	B1/500		
BM (30°-60°)	1005.5	23.1	B2/2500		
BH (60°-80°)	791.3	18.2	B2/1000		G2/1000
BVH (80°-90°)	20.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	814.0	814.0	814.0	814.0	814.0	814.0	814.0	814.0	814.0	814.0
2.5°	814.7	815.6	815.6	814.9	816.5	815.1	815.1	814.4	815.1	814.4
5°	818.8	820.0	820.4	820.2	822.3	821.1	821.1	820.2	820.4	819.8
7.5°	826.7	828.3	829.2	830.4	833.4	832.0	831.1	828.3	827.2	825.3
10°	829.2	831.1	834.1	840.1	847.1	847.3	844.5	837.6	832.3	828.1
12.5°	821.4	823.9	830.2	842.4	858.0	864.2	859.8	848.2	837.8	830.4
15°	811.4	814.2	823.7	842.2	865.1	879.7	879.2	864.0	847.3	835.7
17.5°	795.9	798.7	812.3	838.3	870.7	894.8	901.2	885.5	862.1	846.6
20°	767.9	770.4	789.4	825.8	872.5	910.7	927.6	913.7	884.6	863.5
22.5°	731.5	735.5	757.7	804.2	868.1	927.4	957.7	948.2	910.7	881.6
25°	692.7	696.8	722.8	777.9	856.8	939.4	993.4	987.4	940.4	904.0
27.5°	659.1	663.5	691.7	751.7	839.2	944.1	1028.6	1031.6	976.2	928.8
30°	632.7	636.9	667.0	730.6	816.5	939.4	1059.4	1080.2	1012.8	950.3
32.5°	603.8	609.1	640.8	704.9	789.7	928.3	1086.2	1132.7	1055.2	973.5
35°	567.2	572.0	605.4	669.7	754.5	910.5	1108.7	1191.1	1115.8	1008.7
37.5°	522.7	527.4	560.5	625.8	719.5	885.5	1125.8	1256.8	1188.1	1059.4
40°	478.1	482.5	513.5	576.7	677.6	853.6	1131.8	1321.2	1271.0	1129.0
42.5°	437.1	441.0	469.5	528.3	630.6	812.8	1123.9	1377.2	1345.3	1177.7
45°	399.3	402.8	428.0	482.9	581.8	763.3	1100.3	1437.4	1433.7	1212.4
47.5°	356.3	359.8	385.9	438.9	532.9	705.2	1060.3	1496.7	1556.6	1291.1
50°	303.7	306.7	333.6	388.2	482.2	643.3	1004.7	1543.2	1711.7	1410.3
52.5°	241.5	244.7	270.9	325.5	422.0	576.9	931.6	1573.5	1890.9	1584.4
55°	179.6	182.0	204.6	253.7	347.5	501.2	839.9	1582.1	2094.2	1822.4
57.5°	130.3	131.7	146.3	182.9	263.5	406.5	728.5	1559.9	2336.1	2127.5
60°	105.6	106.0	110.4	126.6	183.1	299.6	594.0	1483.5	2598.6	2520.8
62.5°	95.8	95.8	97.0	101.4	123.9	197.7	431.3	1325.1	2880.1	3017.9
65°	89.1	89.1	89.6	91.7	97.7	125.9	272.2	1067.2	3117.4	3600.1
67.5°	83.1	83.3	83.1	83.8	87.3	93.1	157.9	737.1	3245.2	4203.4
70°	76.9	77.3	76.2	76.2	78.9	79.2	98.9	404.2	3139.2	4709.0
72.5°	69.5	70.1	68.3	67.8	69.9	69.0	74.3	194.0	2695.2	4859.9
75°	63.0	63.9	59.7	58.6	58.6	57.9	60.4	99.5	1749.2	3964.5
77.5°	57.2	59.0	52.3	48.6	47.7	45.6	49.3	60.9	765.1	1861.3
80°	47.2	49.8	43.1	38.7	37.0	34.7	38.9	42.6	227.6	432.2
82.5°	35.2	36.3	30.6	27.5	26.2	24.5	29.2	29.6	74.1	153.0
85°	22.5	22.9	18.8	16.2	15.5	14.8	18.5	16.2	28.2	112.5
87.5°	7.9	9.0	7.2	6.5	6.9	5.8	8.6	4.9	7.9	79.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

814.0
814.4
819.8
825.3
827.4
829.2
833.9
844.1
859.6
876.2
896.6
920.9
939.0
959.1
992.7
1038.1
1106.4
1148.5
1173.0
1245.7
1353.4
1514.3
1734.7
2017.1
2381.7
2831.5
3364.4
3949.0
4642.1
5035.9
4240.4
1822.6
413.9
172.9
163.4
98.4
0.0

OF REPORT)