

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: P849564

Luminaire Tested: **GLAN-SB6C-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849564
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-SB6C-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30310 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

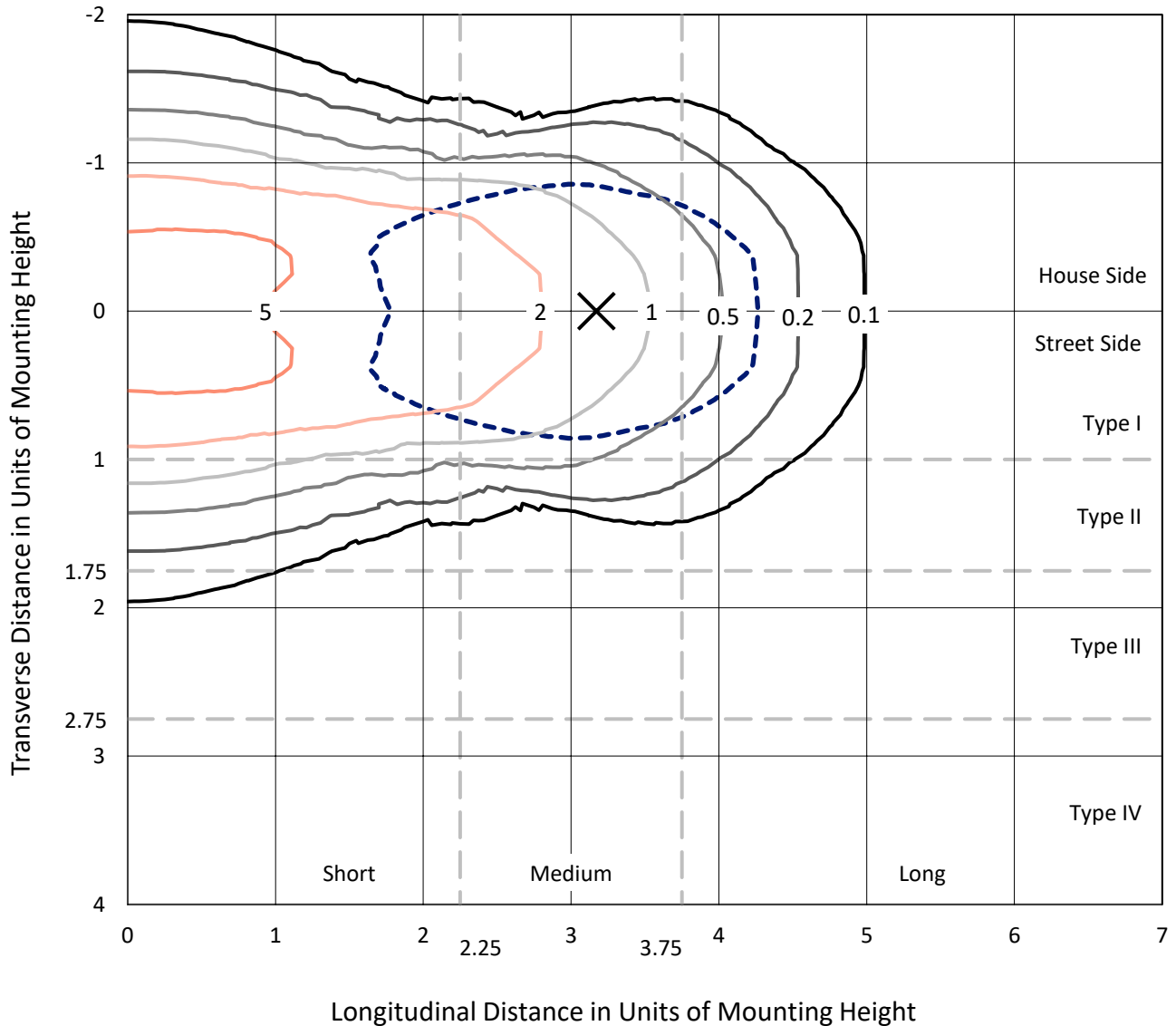
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

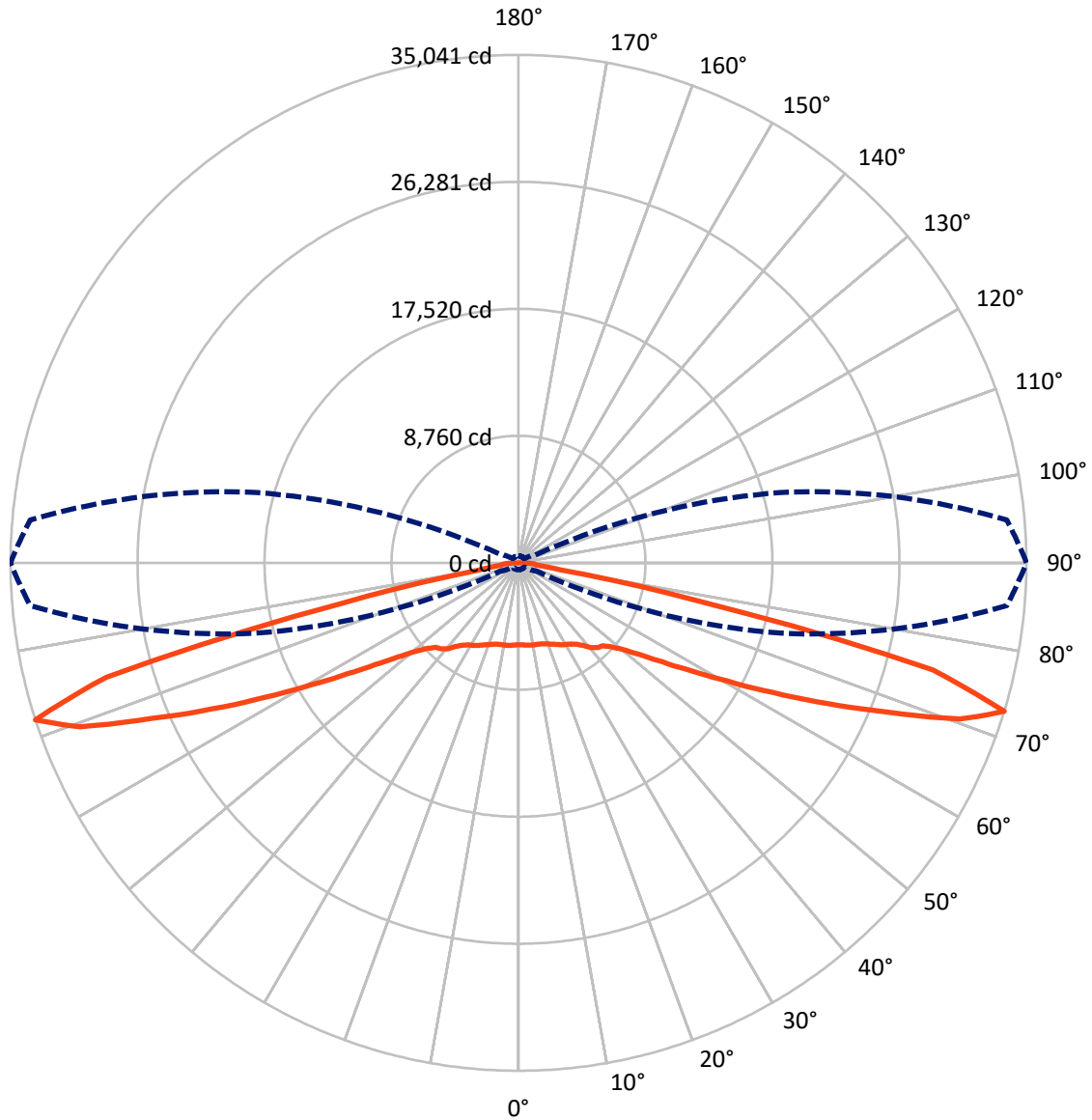
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 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	15155.0	0.0	15155.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	15155.0	0.0	15155.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	30310.0	0.0	30310.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	549.2	1.8
10°-20°	1679.1	5.5
20°-30°	2799.8	9.2
30°-40°	3850.6	12.7
40°-50°	4702.6	15.5
50°-60°	5439.1	17.9
60°-70°	6485.2	21.4
70°-80°	4526.3	14.9
80°-90°	278.0	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°	30310.0	100.0
0°-180°	30310.0	100.0

Coefficient of Utilization



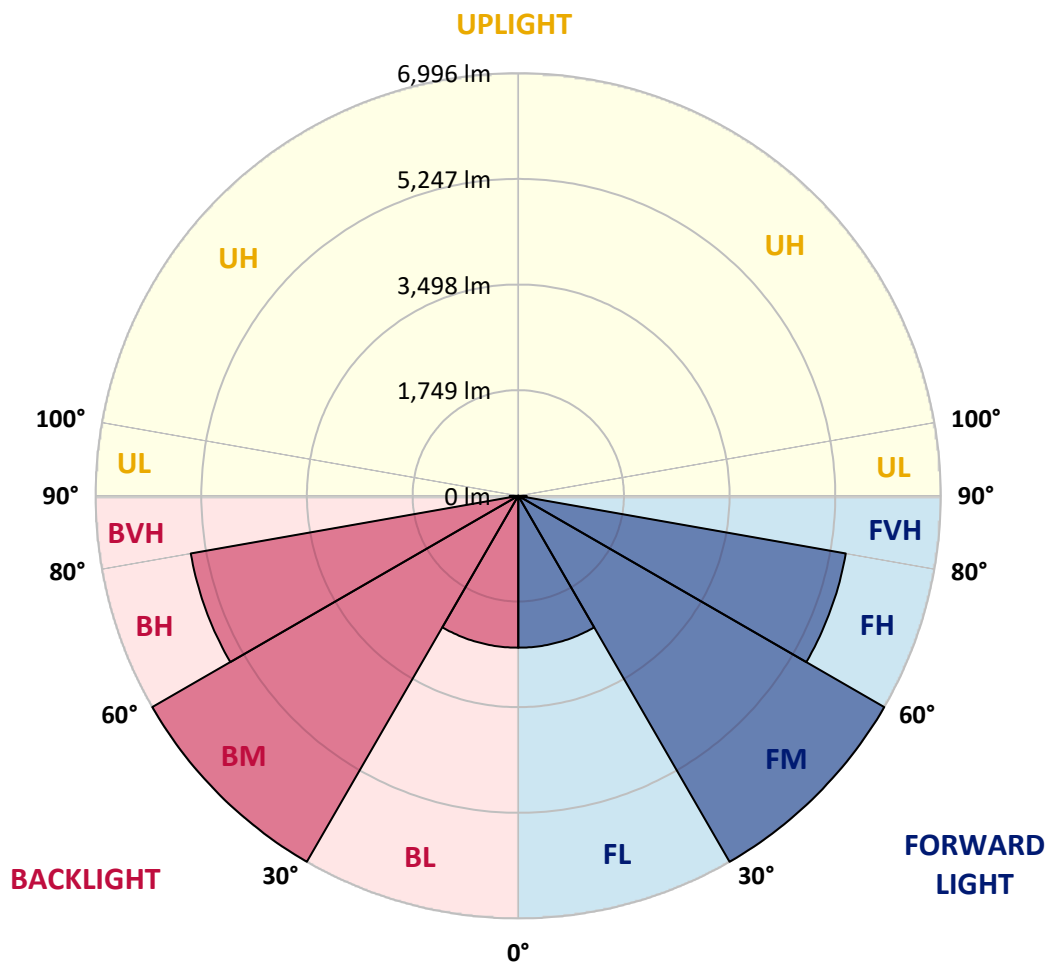
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2514.1	8.3			
FM (30°-60°)	6996.2	23.1			
FH (60°-80°)	5505.8	18.2			G3/7500
FVH (80°-90°)	139.0	0.5			G2/225
BL (0°-30°)	2514.1	8.3	B4/5000		
BM (30°-60°)	6996.2	23.1	B4/8500		
BH (60°-80°)	5505.8	18.2	B5		G5
BVH (80°-90°)	139.0	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5663.7	5663.7	5663.7	5663.7	5663.7	5663.7	5663.7	5663.7	5663.7	5663.7
2.5°	5668.6	5675.0	5675.0	5670.2	5681.5	5671.8	5671.8	5667.0	5671.8	5667.0
5°	5697.6	5705.6	5708.8	5707.2	5721.7	5713.7	5713.7	5707.2	5708.8	5704.0
7.5°	5752.3	5763.6	5770.1	5778.1	5799.1	5789.4	5782.9	5763.6	5755.6	5742.7
10°	5770.1	5782.9	5803.9	5845.8	5894.1	5895.7	5876.4	5828.1	5791.0	5762.0
12.5°	5715.3	5733.0	5776.5	5861.9	5969.8	6013.3	5982.7	5902.1	5829.7	5778.1
15°	5646.0	5665.4	5731.4	5860.3	6019.7	6121.2	6118.0	6011.7	5895.7	5815.2
17.5°	5538.1	5557.4	5652.5	5832.9	6058.4	6225.9	6271.0	6161.5	5998.8	5890.9
20°	5343.2	5360.9	5493.0	5745.9	6071.3	6337.1	6454.7	6358.0	6155.1	6008.5
22.5°	5090.3	5117.7	5272.3	5596.1	6040.7	6453.1	6664.1	6598.0	6337.1	6134.1
25°	4819.7	4848.7	5029.1	5412.5	5961.8	6536.8	6912.2	6870.3	6543.3	6290.4
27.5°	4586.1	4616.7	4813.2	5230.4	5839.3	6569.0	7157.0	7177.9	6792.9	6462.7
30°	4402.4	4431.4	4640.9	5083.8	5681.5	6536.8	7371.2	7516.2	7047.5	6612.5
32.5°	4201.1	4238.1	4458.8	4905.0	5494.6	6459.5	7558.1	7881.9	7342.2	6773.6
35°	3946.6	3980.4	4212.4	4660.2	5249.8	6335.5	7714.4	8287.8	7764.3	7018.5
37.5°	3637.3	3669.5	3899.9	4354.1	5006.5	6161.5	7833.6	8745.3	8266.9	7371.2
40°	3326.4	3357.0	3572.9	4012.6	4715.0	5939.2	7875.4	9193.1	8843.6	7856.1
42.5°	3041.3	3068.7	3266.8	3676.0	4388.0	5655.7	7820.7	9582.9	9360.6	8194.4
45°	2778.7	2802.9	2978.5	3360.2	4048.1	5311.0	7656.4	10001.8	9976.0	8436.0
47.5°	2479.1	2503.3	2685.3	3054.2	3708.2	4906.6	7377.7	10414.1	10831.3	8983.7
50°	2113.4	2134.4	2321.2	2701.4	3355.4	4476.5	6991.1	10737.9	11910.6	9813.3
52.5°	1680.1	1702.7	1884.7	2264.9	2936.6	4014.2	6482.1	10948.9	13157.4	11024.6
55°	1250.0	1266.1	1424.0	1765.5	2417.9	3487.5	5844.2	11008.5	14571.7	12680.6
57.5°	906.9	916.6	1018.1	1272.6	1833.1	2828.7	5069.3	10853.9	16255.1	14803.7
60°	734.5	737.8	768.4	881.1	1274.2	2084.4	4133.4	10322.3	18081.8	17540.5
62.5°	666.9	666.9	674.9	705.6	861.8	1375.7	3001.0	9220.5	20040.6	20999.0
65°	620.2	620.2	623.4	637.9	679.8	876.3	1894.4	7426.0	21691.7	25050.3
67.5°	578.3	579.9	578.3	583.1	607.3	647.6	1098.6	5128.9	22580.9	29248.2
70°	534.8	538.0	530.0	530.0	549.3	550.9	687.8	2812.5	21843.1	32766.3
72.5°	483.3	488.1	475.2	472.0	486.5	480.0	517.1	1349.9	18753.5	33816.5
75°	438.2	444.6	415.6	407.5	407.5	402.7	420.4	692.7	12171.6	27585.8
77.5°	397.9	410.8	364.1	338.3	331.8	317.3	343.1	423.7	5323.9	12951.2
80°	328.6	346.3	299.6	269.0	257.7	241.6	270.6	296.4	1583.5	3007.5
82.5°	244.8	252.9	212.6	191.7	182.0	170.7	203.0	206.2	515.5	1064.8
85°	156.3	159.5	130.5	112.8	107.9	103.1	128.9	112.8	196.5	782.9
87.5°	54.8	62.8	49.9	45.1	48.3	40.3	59.6	33.8	54.8	552.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

5663.7
5667.0
5704.0
5742.7
5757.2
5770.1
5802.3
5873.2
5981.1
6097.1
6238.8
6408.0
6533.6
6673.7
6907.3
7223.0
7698.2
7991.4
8162.2
8668.0
9417.0
10536.6
12070.1
14035.3
16572.4
19702.3
23410.5
27477.9
32300.7
35040.8
29505.9
12682.2
2880.2
1203.3
1137.3
684.6
0.0

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