

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: P849734

Luminaire Tested: **GLAN-SB6D-930-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849734  
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-SB6D-930-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 41184 lumens  
Efficiency: N/A  
Efficacy: 93.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B5 - U0 - G5

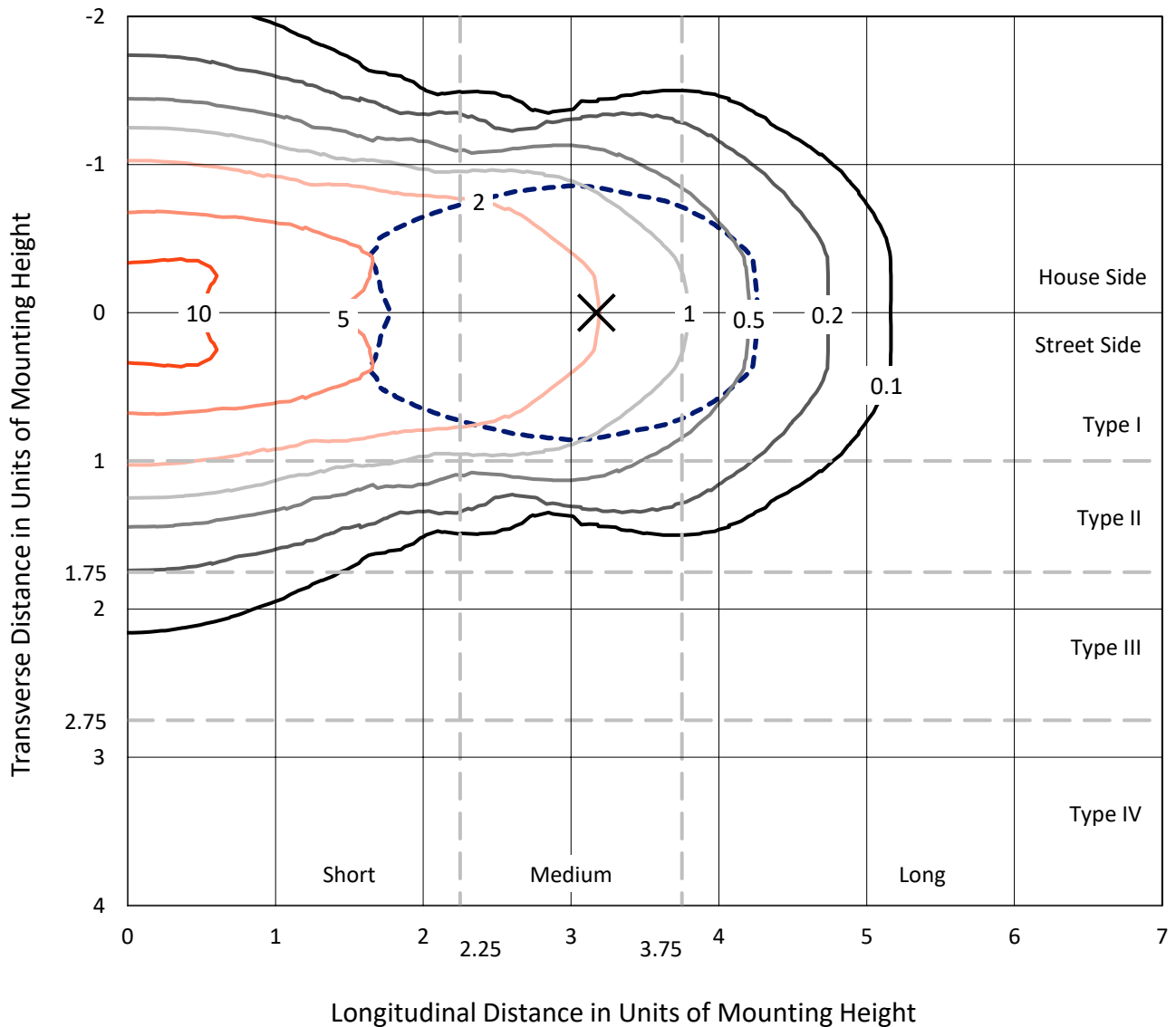
Input Watts (W): 440.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P849734  
 CATALOG NUMBER: GLAN-SB6D-930-U-T1

### Iso-Footcandle Lines of Horizontal Illumination

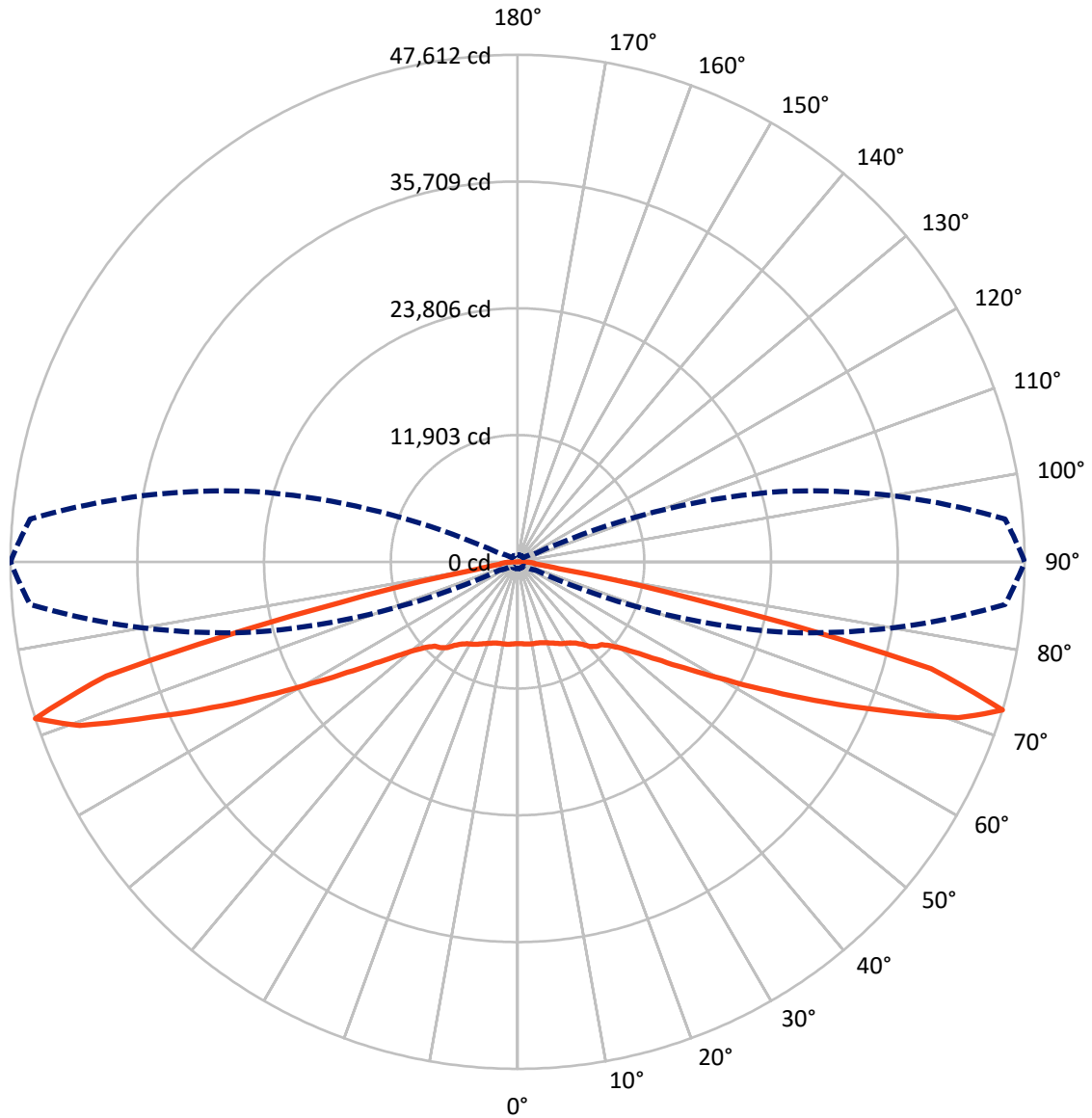
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.3 fc  
 Type I - Short - N/A

REPORT NUMBER: P849734  
CATALOG NUMBER: GLAN-SB6D-930-U-T1

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P849734  
 CATALOG NUMBER: GLAN-SB6D-930-U-T1

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	20592.0	0.0	20592.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	20592.0	0.0	20592.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	41184.0	0.0	41184.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	746.2	1.8
10°-20°	2281.5	5.5
20°-30°	3804.3	9.2
30°-40°	5232.1	12.7
40°-50°	6389.8	15.5
50°-60°	7390.4	17.9
60°-70°	8811.9	21.4
70°-80°	6150.1	14.9
80°-90°	377.7	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°	41184.0	100.0
0°-180°	41184.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P849734

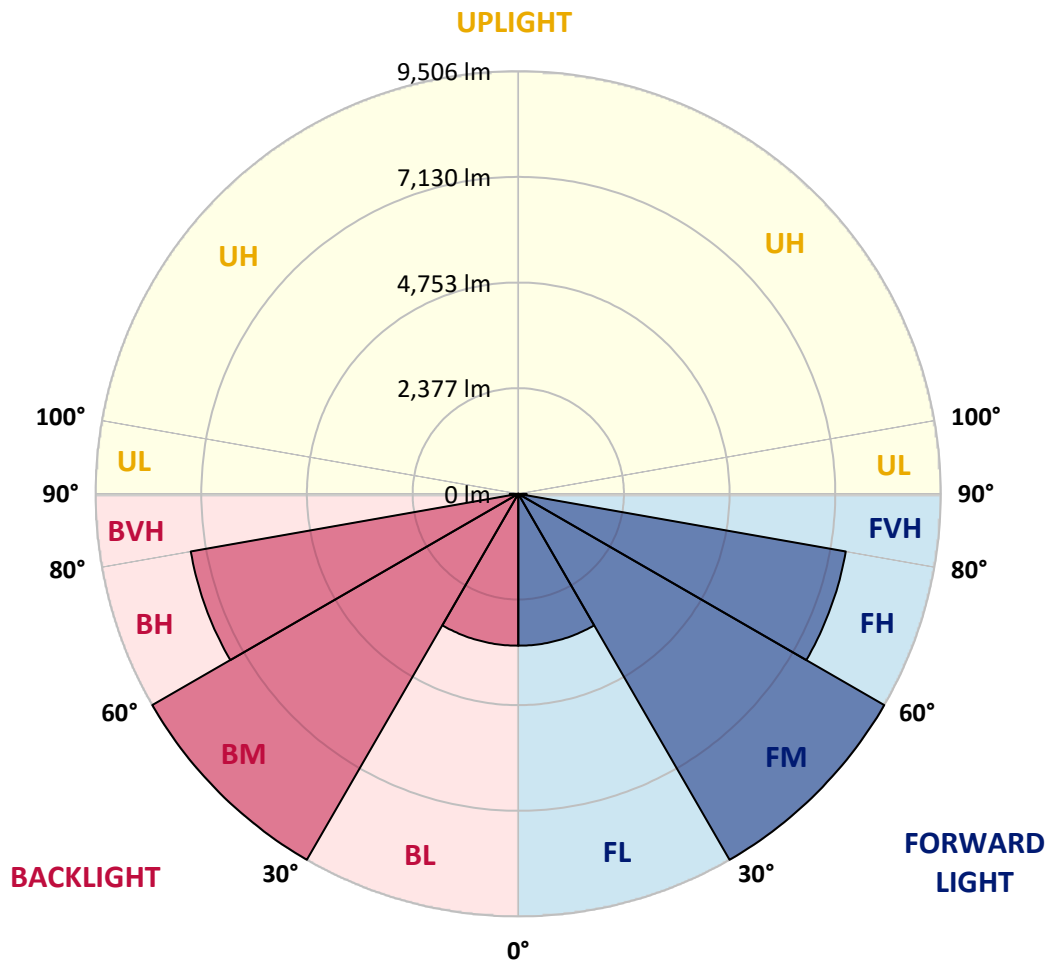
CATALOG NUMBER: GLAN-SB6D-930-U-T1

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3416.0	8.3			
FM (30°-60°)	9506.1	23.1			
FH (60°-80°)	7481.0	18.2			G3/7500
FVH (80°-90°)	188.9	0.5			G2/225
BL (0°-30°)	3416.0	8.3	B4/5000		
BM (30°-60°)	9506.1	23.1	B5		
BH (60°-80°)	7481.0	18.2	B5		G5
BVH (80°-90°)	188.9	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



REPORT NUMBER: P849734

CATALOG NUMBER: GLAN-SB6D-930-U-T1

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7695.7	7695.7	7695.7	7695.7	7695.7	7695.7	7695.7	7695.7	7695.7	7695.7
2.5°	7702.2	7711.0	7711.0	7704.4	7719.7	7706.6	7706.6	7700.0	7706.6	7700.0
5°	7741.6	7752.6	7757.0	7754.8	7774.5	7763.5	7763.5	7754.8	7757.0	7750.4
7.5°	7816.0	7831.4	7840.1	7851.1	7879.5	7866.4	7857.6	7831.4	7820.4	7802.9
10°	7840.1	7857.6	7886.1	7943.0	8008.7	8010.8	7984.6	7918.9	7868.6	7829.2
12.5°	7765.7	7789.8	7848.9	7964.9	8111.5	8170.6	8129.0	8019.6	7921.1	7851.1
15°	7671.6	7697.9	7787.6	7962.7	8179.4	8317.3	8312.9	8168.4	8010.8	7901.4
17.5°	7524.9	7551.2	7680.3	7925.5	8231.9	8459.5	8520.8	8372.0	8150.9	8004.3
20°	7260.1	7284.2	7463.7	7807.3	8249.4	8610.6	8770.3	8639.0	8363.2	8164.1
22.5°	6916.5	6953.7	7163.8	7603.7	8207.8	8768.2	9054.9	8965.1	8610.6	8334.8
25°	6548.8	6588.2	6833.3	7354.2	8100.6	8882.0	9392.0	9335.0	8890.7	8547.1
27.5°	6231.4	6273.0	6540.0	7106.9	7934.2	8925.7	9724.6	9753.1	9230.0	8781.3
30°	5981.9	6021.3	6305.8	6907.7	7719.7	8882.0	10015.7	10212.7	9575.8	8984.8
32.5°	5708.3	5758.6	6058.5	6664.8	7465.8	8776.9	10269.6	10709.6	9976.3	9203.7
35°	5362.5	5408.4	5723.6	6332.1	7133.2	8608.4	10482.0	11261.1	10549.8	9536.4
37.5°	4942.2	4986.0	5299.0	5916.2	6802.7	8372.0	10643.9	11882.8	11232.7	10015.7
40°	4519.8	4561.4	4854.7	5452.2	6406.5	8069.9	10700.8	12491.2	12016.3	10674.6
42.5°	4132.4	4169.6	4438.8	4994.7	5962.2	7684.7	10626.4	13020.9	12718.9	11134.2
45°	3775.6	3808.4	4047.0	4565.7	5500.3	7216.3	10403.2	13590.0	13555.0	11462.5
47.5°	3368.5	3401.3	3648.7	4149.9	5038.5	6666.9	10024.5	14150.3	14717.2	12206.7
50°	2871.6	2900.1	3154.0	3670.5	4559.2	6082.6	9499.2	14590.2	16183.7	13333.9
52.5°	2282.9	2313.5	2560.8	3077.4	3990.1	5454.4	8807.6	14877.0	17877.8	14979.8
55°	1698.5	1720.4	1934.9	2398.9	3285.3	4738.7	7940.8	14958.0	19799.5	17229.9
57.5°	1232.3	1245.4	1383.3	1729.1	2490.8	3843.5	6888.0	14747.8	22086.7	20114.7
60°	998.1	1002.5	1044.0	1197.2	1731.3	2832.2	5616.3	14025.5	24568.8	23833.4
62.5°	906.1	906.1	917.1	958.7	1171.0	1869.2	4077.7	12528.4	27230.3	28532.6
65°	842.7	842.7	847.0	866.7	923.7	1190.7	2574.0	10090.2	29473.8	34037.3
67.5°	785.8	788.0	785.8	792.3	825.2	879.9	1492.7	6969.0	30682.0	39741.2
70°	726.7	731.0	720.1	720.1	746.4	748.6	934.6	3821.6	29679.5	44521.5
72.5°	656.6	663.2	645.7	641.3	661.0	652.2	702.6	1834.2	25481.5	45948.5
75°	595.3	604.1	564.7	553.8	553.8	547.2	571.3	941.2	16538.2	37482.4
77.5°	540.6	558.1	494.7	459.6	450.9	431.2	466.2	575.6	7233.8	17597.6
80°	446.5	470.6	407.1	365.5	350.2	328.3	367.7	402.7	2151.5	4086.4
82.5°	332.7	343.6	288.9	260.5	247.3	232.0	275.8	280.2	700.4	1446.8
85°	212.3	216.7	177.3	153.2	146.6	140.1	175.1	153.2	267.0	1063.7
87.5°	74.4	85.4	67.9	61.3	65.7	54.7	81.0	46.0	74.4	750.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

7695.7  
7700.0  
7750.4  
7802.9  
7822.6  
7840.1  
7883.9  
7980.2  
8126.9  
8284.4  
8477.1  
8706.9  
8877.6  
9068.0  
9385.4  
9814.4  
10460.1  
10858.4  
11090.4  
11777.7  
12795.5  
14316.7  
16400.3  
19070.6  
22517.9  
26770.7  
31809.2  
37335.8  
43888.9  
47612.0  
40091.4  
17232.1  
3913.5  
1635.0  
1545.3  
930.2  
0.0

OF REPORT)