

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: P849384

Luminaire Tested: **GLAN-SB6B-927-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849384  
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-SB6B-927-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 21754 lumens  
Efficiency: N/A  
Efficacy: 98.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B4 - U0 - G4

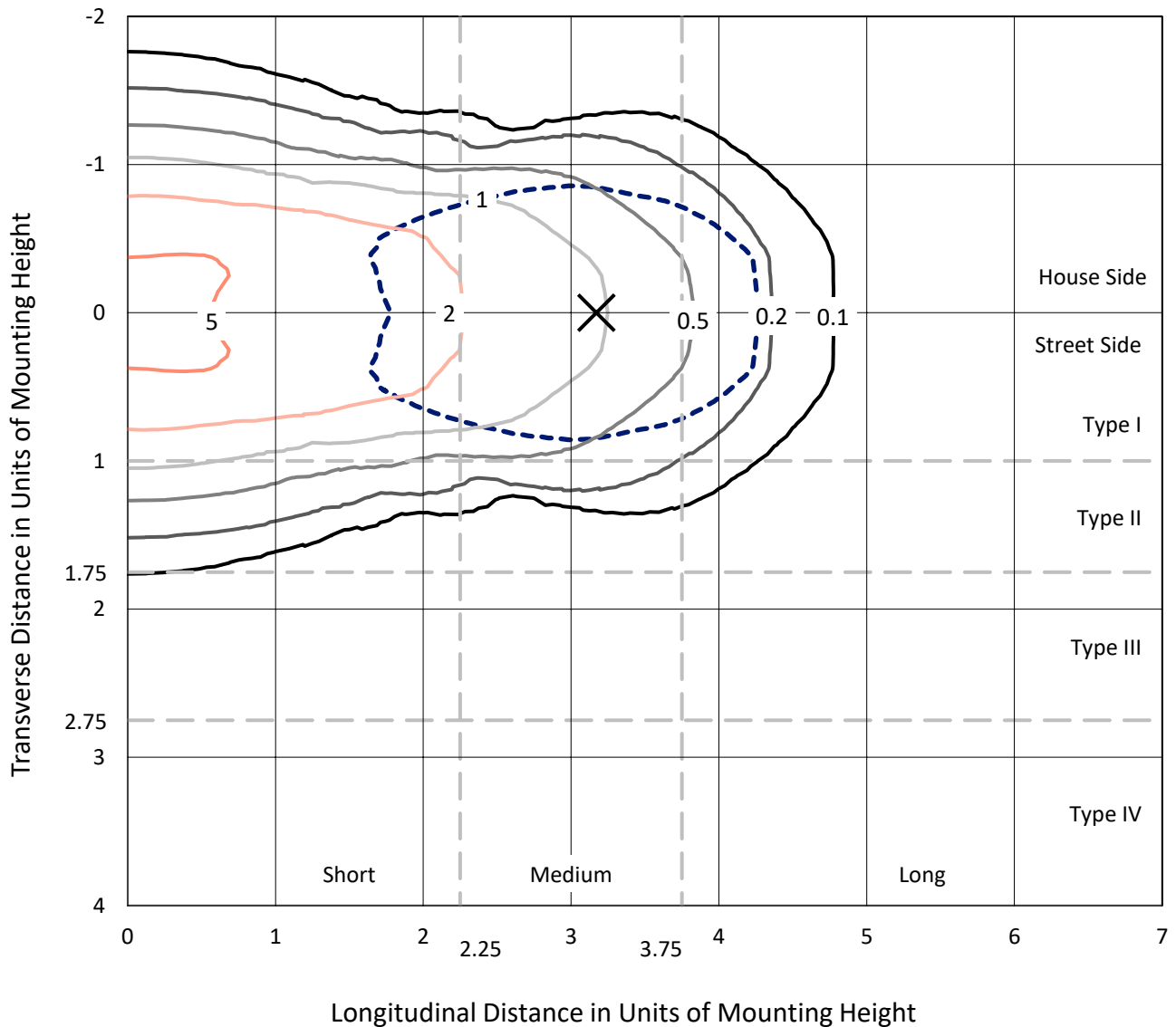
Input Watts (W): 220.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P849384  
 CATALOG NUMBER: GLAN-SB6B-927-U-T1

### Iso-Footcandle Lines of Horizontal Illumination

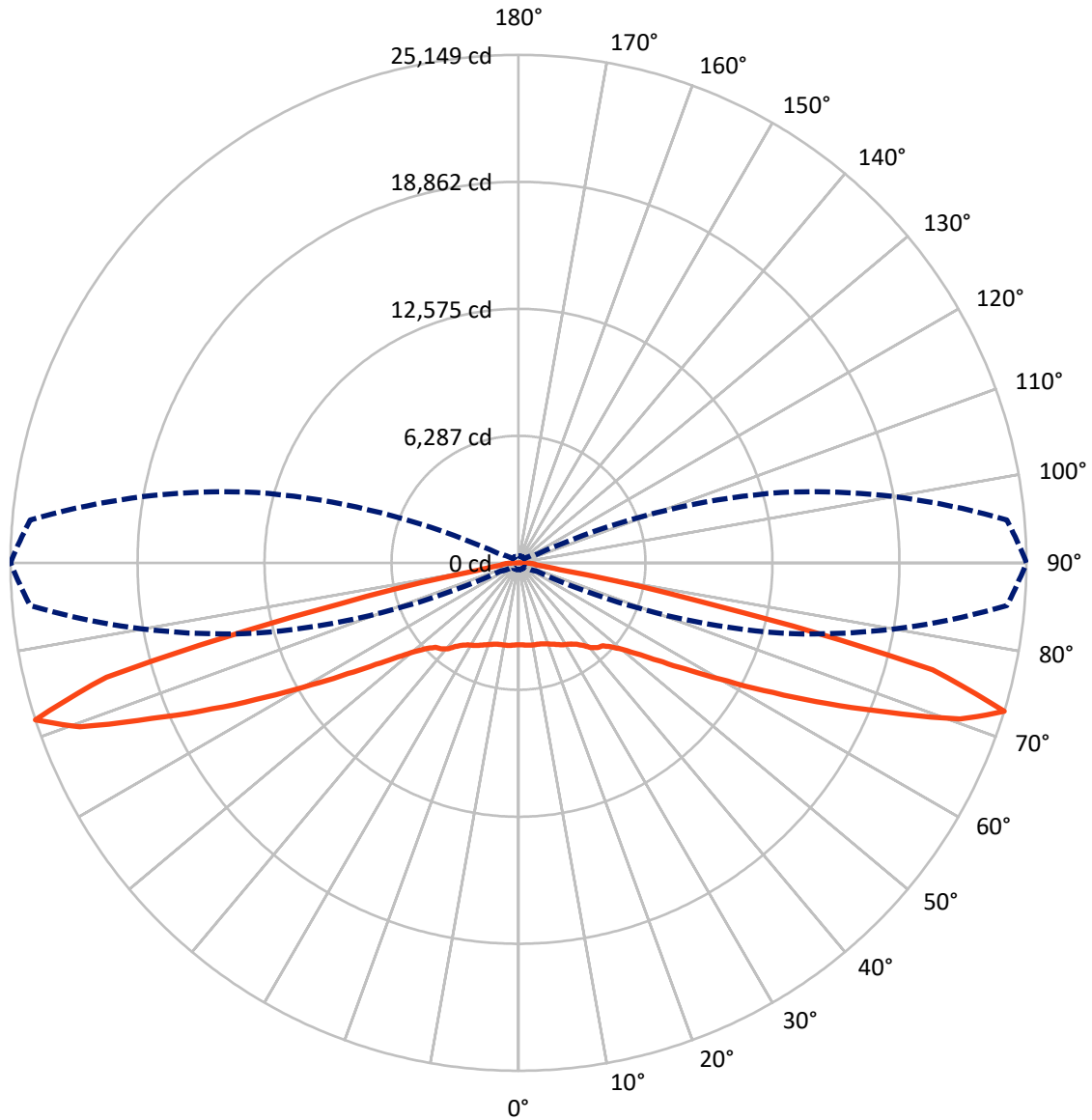
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.5 fc  
 Type I - Short - N/A

REPORT NUMBER: P849384  
CATALOG NUMBER: GLAN-SB6B-927-U-T1

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P849384

CATALOG NUMBER: GLAN-SB6B-927-U-T1

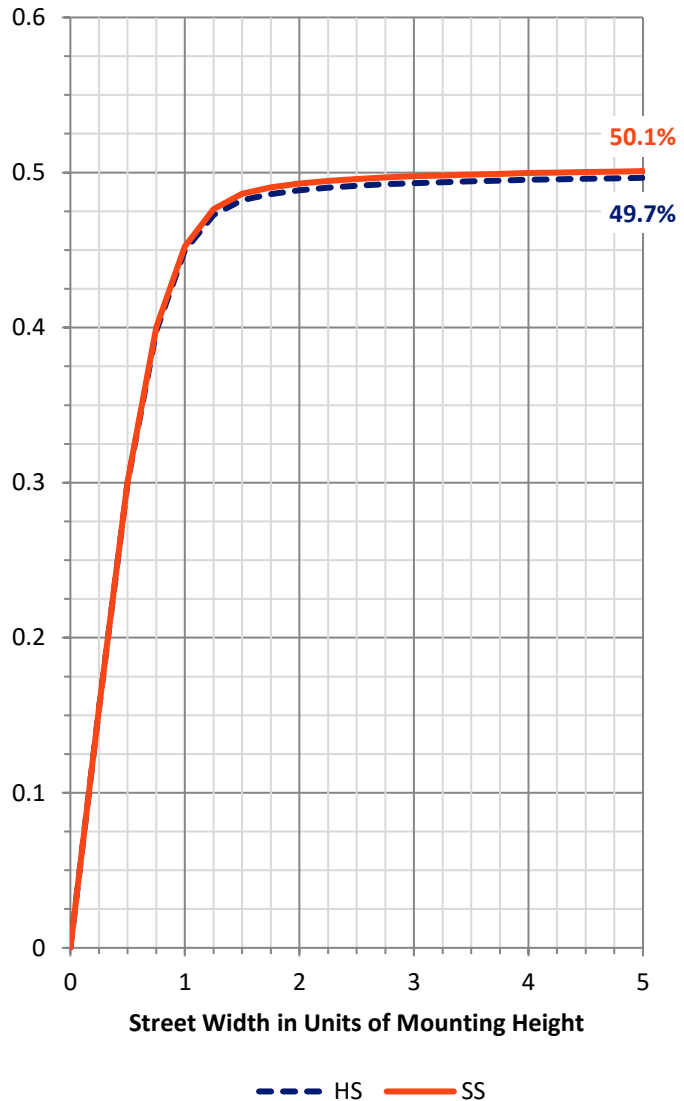
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10877.0	0.0	10877.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	10877.0	0.0	10877.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	21754.0	0.0	21754.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	394.1	1.8
10°-20°	1205.1	5.5
20°-30°	2009.5	9.2
30°-40°	2763.7	12.7
40°-50°	3375.2	15.5
50°-60°	3903.7	17.9
60°-70°	4654.6	21.4
70°-80°	3248.6	14.9
80°-90°	199.5	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°	21754.0	100.0
0°-180°	21754.0	100.0

**Coefficient of Utilization**

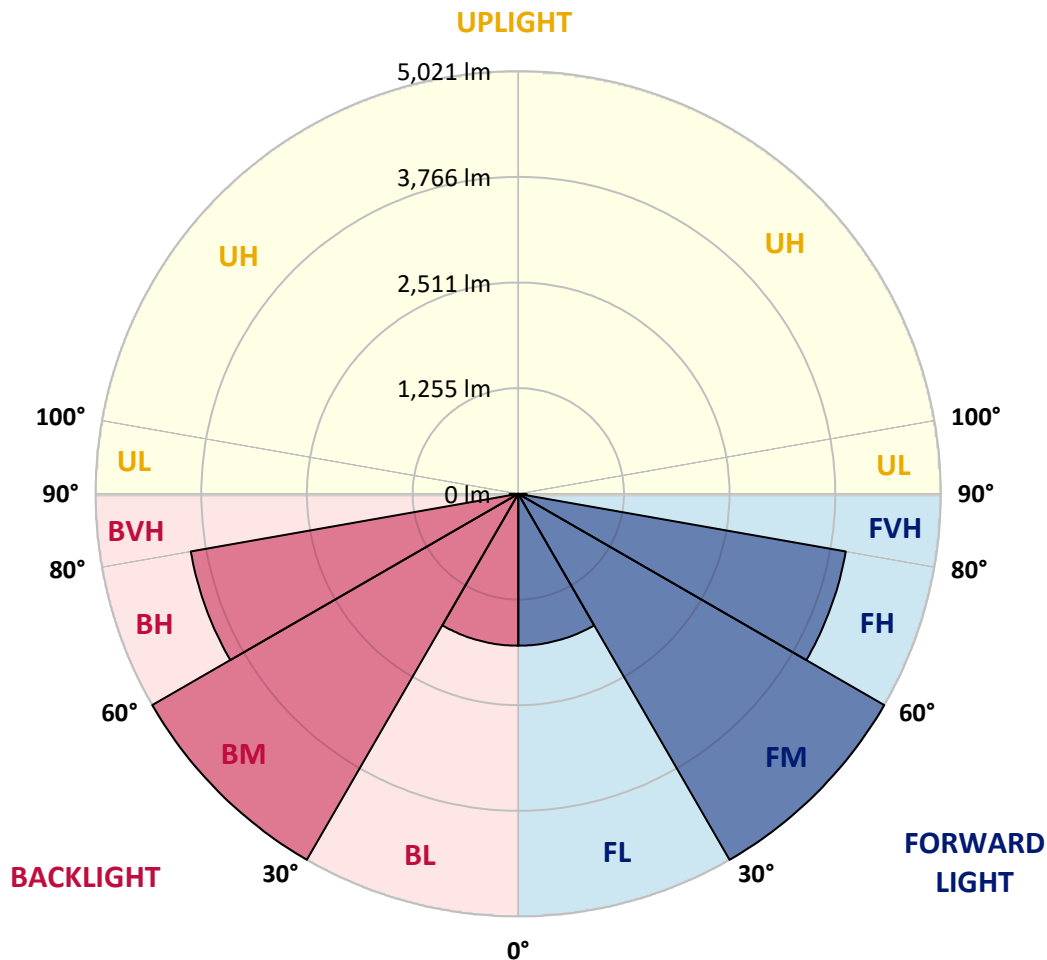


REPORT NUMBER: P849384  
 CATALOG NUMBER: GLAN-SB6B-927-U-T1

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1804.4	8.3			
FM (30°-60°)	5021.3	23.1			
FH (60°-80°)	3951.6	18.2			G2/5000
FVH (80°-90°)	99.8	0.5			G1/100
BL (0°-30°)	1804.4	8.3	B3/2500		
BM (30°-60°)	5021.3	23.1	B4/8500		
BH (60°-80°)	3951.6	18.2	B4/5000		G4/5000
BVH (80°-90°)	99.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G4**  
 Type I Short



REPORT NUMBER: P849384  
 CATALOG NUMBER: GLAN-SB6B-927-U-T1

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4065.0	4065.0	4065.0	4065.0	4065.0	4065.0	4065.0	4065.0	4065.0	4065.0
2.5°	4068.4	4073.1	4073.1	4069.6	4077.7	4070.7	4070.7	4067.3	4070.7	4067.3
5°	4089.2	4095.0	4097.3	4096.2	4106.6	4100.8	4100.8	4096.2	4097.3	4093.9
7.5°	4128.6	4136.6	4141.3	4147.0	4162.1	4155.1	4150.5	4136.6	4130.9	4121.6
10°	4141.3	4150.5	4165.5	4195.6	4230.3	4231.4	4217.6	4182.9	4156.3	4135.5
12.5°	4102.0	4114.7	4145.9	4207.2	4284.6	4315.8	4293.9	4236.1	4184.0	4147.0
15°	4052.2	4066.1	4113.5	4206.0	4320.5	4393.3	4391.0	4314.7	4231.4	4173.6
17.5°	3974.8	3988.7	4056.9	4186.4	4348.2	4468.5	4500.8	4422.2	4305.4	4228.0
20°	3834.9	3847.6	3942.4	4123.9	4357.5	4548.2	4632.6	4563.3	4417.6	4312.4
22.5°	3653.4	3673.0	3784.0	4016.4	4335.5	4631.5	4782.9	4735.5	4548.2	4402.6
25°	3459.2	3480.0	3609.4	3884.6	4278.8	4691.6	4961.0	4930.9	4696.2	4514.7
27.5°	3291.5	3313.5	3454.5	3754.0	4191.0	4714.7	5136.7	5151.7	4875.4	4638.4
30°	3159.7	3180.5	3330.8	3648.8	4077.7	4691.6	5290.5	5394.5	5058.1	4745.9
32.5°	3015.2	3041.8	3200.2	3520.4	3943.6	4636.1	5424.6	5657.0	5269.7	4861.5
35°	2832.5	2856.8	3023.3	3344.7	3767.8	4547.1	5536.7	5948.3	5572.6	5037.3
37.5°	2610.5	2633.7	2799.0	3125.0	3593.3	4422.2	5622.3	6276.6	5933.3	5290.5
40°	2387.4	2409.4	2564.3	2879.9	3384.0	4262.7	5652.3	6598.1	6347.2	5638.5
42.5°	2182.8	2202.4	2344.6	2638.3	3149.3	4059.2	5613.0	6877.8	6718.3	5881.2
45°	1994.3	2011.7	2137.7	2411.7	2905.4	3811.8	5495.1	7178.4	7159.9	6054.7
47.5°	1779.3	1796.6	1927.3	2192.0	2661.4	3521.6	5295.1	7474.4	7773.8	6447.8
50°	1516.8	1531.9	1666.0	1938.8	2408.2	3212.9	5017.6	7706.8	8548.4	7043.2
52.5°	1205.8	1222.0	1352.7	1625.5	2107.6	2881.1	4652.3	7858.2	9443.3	7912.6
55°	897.2	908.7	1022.0	1267.1	1735.4	2503.0	4194.5	7901.0	10458.4	9101.1
57.5°	650.9	657.8	730.7	913.3	1315.7	2030.2	3638.4	7790.0	11666.5	10624.9
60°	527.2	529.5	551.5	632.4	914.5	1496.0	2966.6	7408.5	12977.6	12589.1
62.5°	478.6	478.6	484.4	506.4	618.5	987.3	2153.9	6617.7	14383.5	15071.4
65°	445.1	445.1	447.4	457.8	487.9	628.9	1359.6	5329.8	15568.5	17979.0
67.5°	415.1	416.2	415.1	418.5	435.9	464.8	788.5	3681.1	16206.7	20991.9
70°	383.8	386.1	380.4	380.4	394.2	395.4	493.7	2018.6	15677.2	23516.9
72.5°	346.8	350.3	341.1	338.7	349.2	344.5	371.1	968.8	13459.7	24270.7
75°	314.5	319.1	298.3	292.5	292.5	289.0	301.8	497.1	8735.7	19798.8
77.5°	285.6	294.8	261.3	242.8	238.2	227.8	246.3	304.1	3821.0	9295.3
80°	235.9	248.6	215.0	193.1	185.0	173.4	194.2	212.7	1136.5	2158.5
82.5°	175.7	181.5	152.6	137.6	130.6	122.6	145.7	148.0	370.0	764.2
85°	112.1	114.5	93.6	80.9	77.5	74.0	92.5	80.9	141.0	561.9
87.5°	39.3	45.1	35.8	32.4	34.7	28.9	42.8	24.3	39.3	396.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4065.0  
4067.3  
4093.9  
4121.6  
4132.0  
4141.3  
4164.4  
4215.3  
4292.7  
4376.0  
4477.7  
4599.1  
4689.3  
4789.9  
4957.5  
5184.1  
5525.2  
5735.6  
5858.1  
6221.2  
6758.8  
7562.3  
8662.9  
10073.4  
11894.3  
14140.7  
16802.1  
19721.3  
23182.8  
25149.4  
21176.9  
9102.2  
2067.2  
863.6  
816.2  
491.4  
0.0

OF REPORT)