

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: P952328

Luminaire Tested: **GLAN-SB6B-722-U-5NQ**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P952328  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6B-722-U-5NQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V NARROW OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

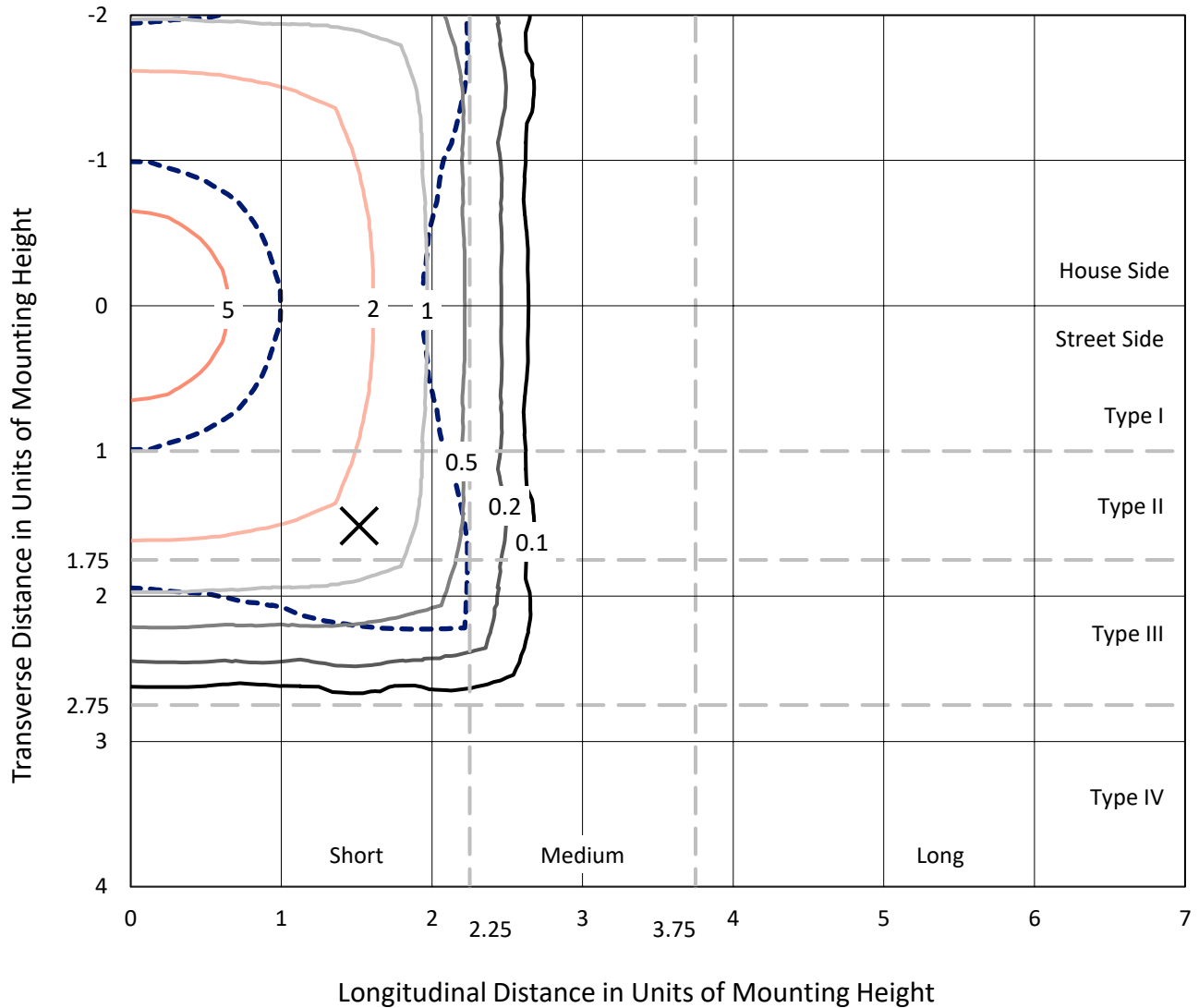
Lumens per Lamp: N/A  
Luminaire Lumens: 29559 lumens  
Efficiency: N/A  
Efficacy: 134.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G2  
  
Input Watts (W): 220.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
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



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### Iso-Footcandle Lines of Horizontal Illumination

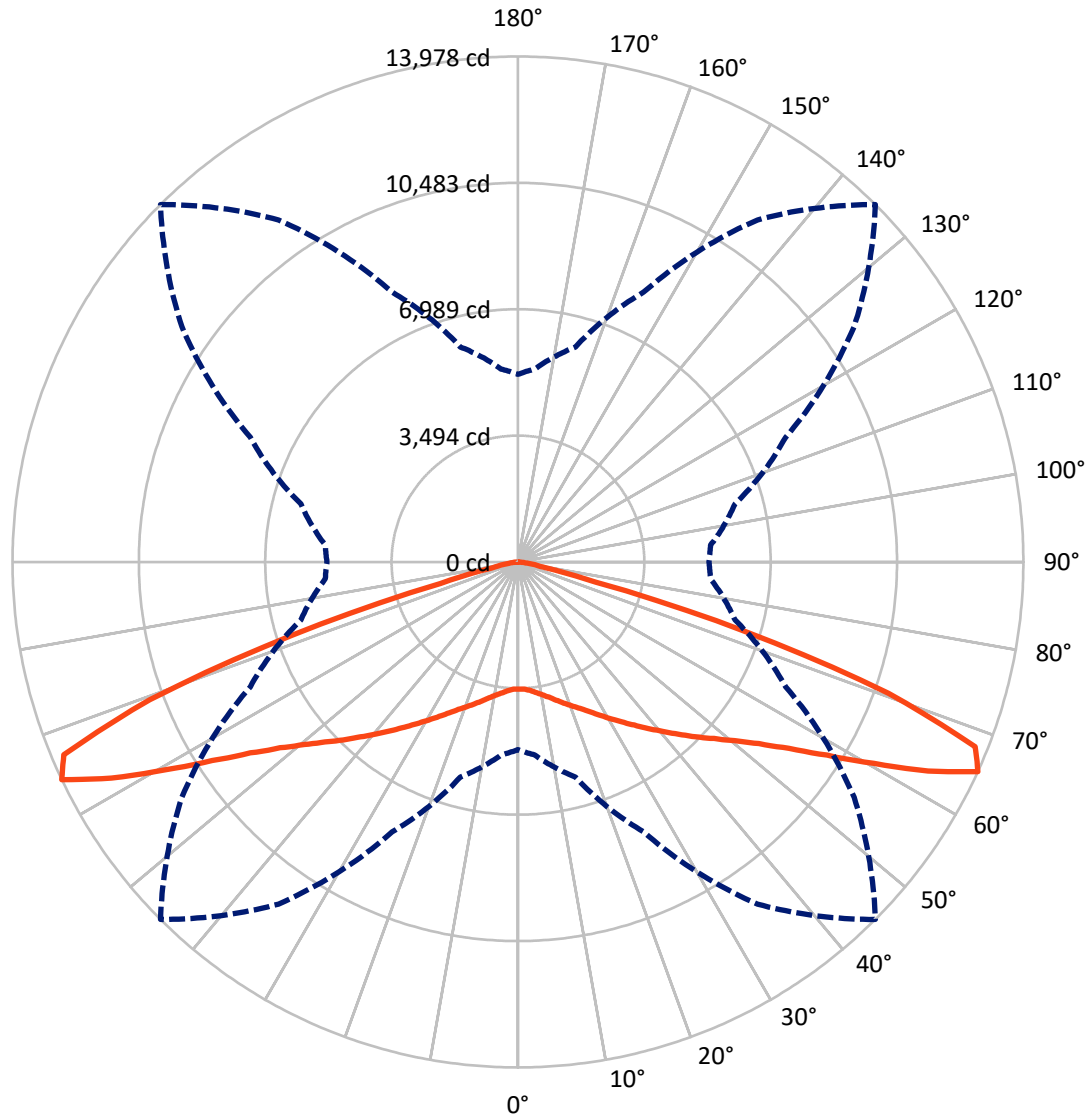
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.7 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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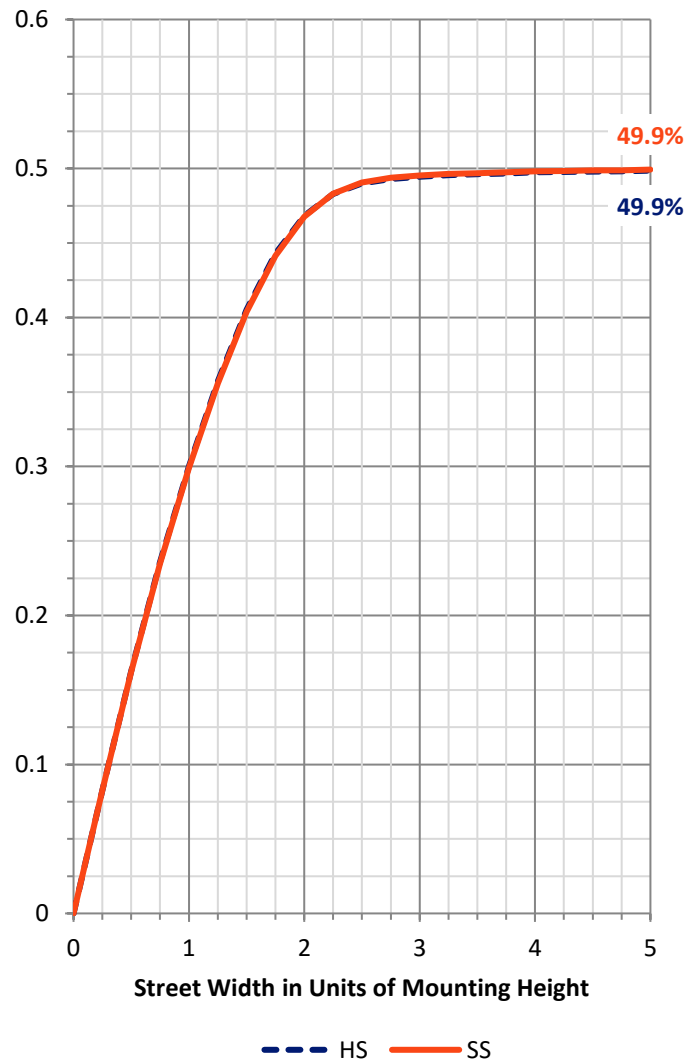
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	14779.5	0.0	14779.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	14779.5	0.0	14779.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	29559.0	0.0	29559.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	347.2	1.2
10°-20°	1132.9	3.8
20°-30°	2139.0	7.2
30°-40°	3502.5	11.8
40°-50°	5430.6	18.4
50°-60°	8022.2	27.1
60°-70°	7636.4	25.8
70°-80°	1232.2	4.2
80°-90°	116.2	0.4
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°	29559.0	100.0
0°-180°	29559.0	100.0

**Coefficient of Utilization**



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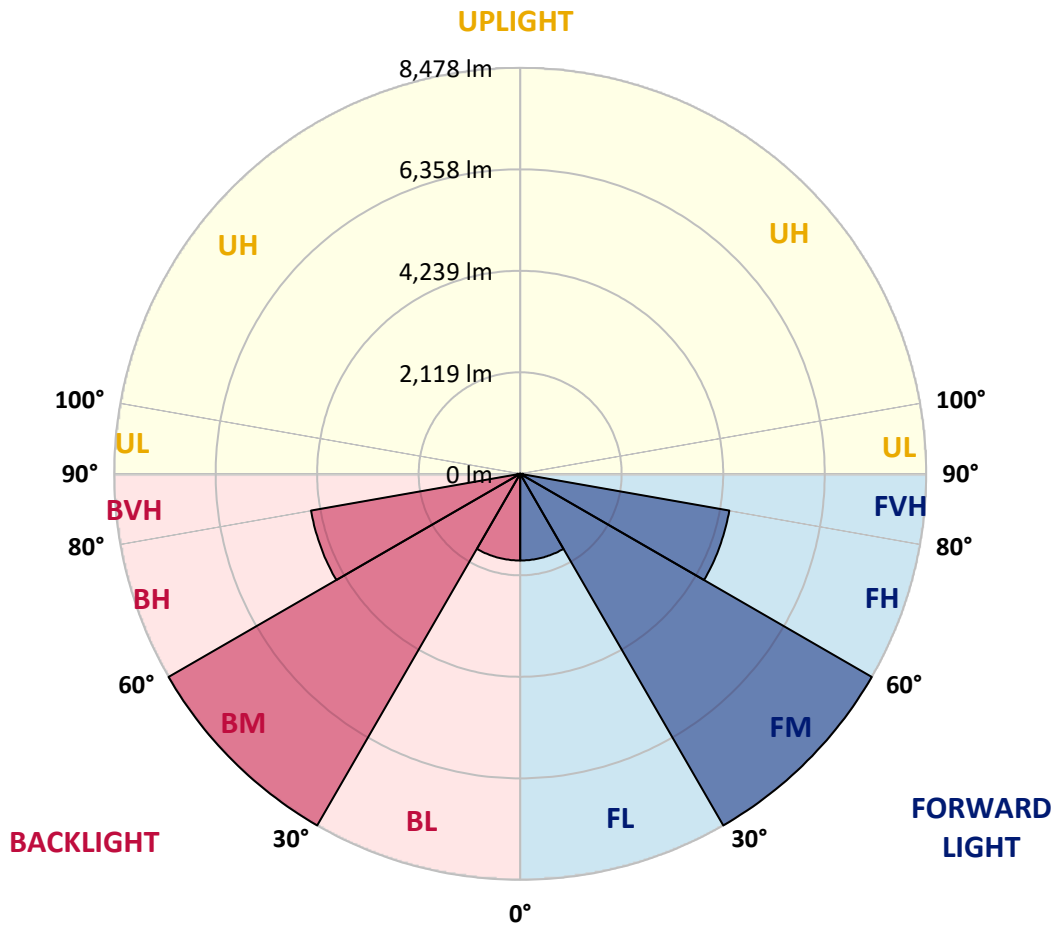
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1809.5	6.1			
FM (30°-60°)	8477.6	28.7			
FH (60°-80°)	4434.3	15.0			G2/5000
FVH (80°-90°)	58.1	0.2			G1/100
BL (0°-30°)	1809.5	6.1	B3/2500		
BM (30°-60°)	8477.6	28.7	B4/8500		
BH (60°-80°)	4434.3	15.0	B4/5000		G2/5000
BVH (80°-90°)	58.1	0.2			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°	3517.8	3517.8	3517.8	3517.8	3517.8	3517.8	3517.8	3517.8	3517.8	3517.8
2.5°	3541.5	3529.7	3538.6	3531.2	3525.2	3519.3	3522.3	3532.6	3537.1	3538.6
5°	3589.0	3578.6	3583.1	3583.1	3572.7	3569.7	3571.2	3578.6	3587.5	3587.5
7.5°	3666.1	3655.7	3666.1	3660.2	3651.3	3648.3	3646.8	3652.8	3666.1	3666.1
10°	3759.6	3747.7	3753.6	3750.7	3740.3	3735.8	3734.3	3743.2	3755.1	3753.6
12.5°	3861.9	3848.5	3856.0	3847.1	3844.1	3839.6	3839.6	3838.2	3845.6	3839.6
15°	3976.1	3967.2	3970.1	3964.2	3968.7	3965.7	3953.8	3947.9	3950.9	3942.0
17.5°	4111.0	4090.3	4100.7	4097.7	4097.7	4103.6	4084.3	4076.9	4082.9	4074.0
20°	4266.8	4246.0	4250.4	4244.5	4237.1	4243.0	4219.3	4225.2	4229.7	4223.8
22.5°	4437.3	4410.6	4409.1	4412.1	4395.8	4397.3	4381.0	4395.8	4404.7	4388.4
25°	4612.3	4584.1	4603.4	4596.0	4575.2	4579.7	4567.8	4582.7	4590.1	4569.3
27.5°	4797.7	4778.4	4796.2	4800.7	4775.5	4793.2	4775.5	4788.8	4796.2	4765.1
30°	5014.2	4994.9	5011.3	5023.1	4993.5	5021.6	5006.8	5015.7	5017.2	4980.1
32.5°	5250.0	5220.4	5261.9	5267.8	5235.2	5269.3	5250.0	5261.9	5269.3	5218.9
35°	5537.7	5500.7	5548.1	5540.7	5512.5	5540.7	5522.9	5540.7	5558.5	5497.7
37.5°	5847.7	5809.1	5859.6	5846.2	5819.5	5838.8	5828.4	5840.3	5868.5	5803.2
40°	6188.8	6141.3	6209.6	6185.8	6160.6	6157.7	6163.6	6171.0	6208.1	6135.4
42.5°	6553.6	6503.2	6605.5	6568.5	6532.9	6509.1	6528.4	6543.3	6578.9	6497.3
45°	6970.4	6912.5	7046.0	7001.5	6945.2	6896.2	6927.4	6949.6	7001.5	6903.6
47.5°	7430.1	7364.9	7507.2	7493.9	7401.9	7295.2	7366.4	7430.1	7468.7	7350.0
50°	7879.5	7829.1	8015.9	8032.2	7919.5	7769.7	7869.1	7965.5	7975.9	7820.2
52.5°	8300.7	8250.3	8521.7	8624.0	8523.1	8345.2	8450.5	8548.4	8469.8	8268.1
55°	8637.3	8595.8	8941.4	9205.3	9239.5	9092.6	9154.9	9152.0	8893.9	8583.9
57.5°	8718.9	8713.0	9149.0	9708.1	10064.0	10081.8	9958.7	9644.3	9088.2	8671.4
60°	8348.1	8385.2	8984.4	9970.6	10919.8	11314.3	10781.8	9884.6	8867.2	8288.8
62.5°	7238.8	7336.7	8058.9	9650.3	11610.9	12732.1	11441.8	9519.8	7959.6	7204.7
65°	5187.7	5358.3	6156.2	8235.4	11548.6	13977.8	11346.9	8168.7	6215.5	5344.9
67.5°	2353.6	2527.1	3204.9	5638.6	10038.8	13639.7	10015.1	5697.9	3365.1	2536.0
70°	852.8	882.4	1100.4	2257.2	6415.7	10867.9	6690.1	2273.5	1170.1	940.3
72.5°	516.1	520.6	566.5	808.3	2229.0	6598.1	2324.0	835.0	578.4	513.1
75°	327.8	324.8	403.4	493.9	790.5	2226.1	829.0	493.9	401.9	366.3
77.5°	235.8	243.2	289.2	369.3	498.3	754.9	489.4	353.0	289.2	237.3
80°	176.5	180.9	210.6	287.7	350.0	470.1	311.4	261.0	218.0	148.3
82.5°	127.5	127.5	137.9	209.1	213.6	253.6	169.1	183.9	143.9	105.3
85°	75.6	74.2	86.0	124.6	111.2	93.4	77.1	112.7	90.5	65.3
87.5°	26.7	28.2	26.7	35.6	29.7	25.2	23.7	31.1	25.2	22.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
3517.8
3538.6
3587.5
3661.7
3750.7
3842.6
3943.5
4081.4
4237.1
4404.7
4593.0
4788.8
5002.4
5253.0
5534.8
5843.3
6159.1
6540.3
6954.1
7390.1
7839.5
8274.0
8594.3
8644.8
8220.6
7160.2
5281.2
2499.0
928.4
522.0
369.3
241.7
152.8
105.3
63.8
20.8
0.0

OF REPORT)