

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: P950900

Luminaire Tested: **GLAN-SB5B-722-U-5NQ**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P950900  
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-SB5B-722-U-5NQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V NARROW OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

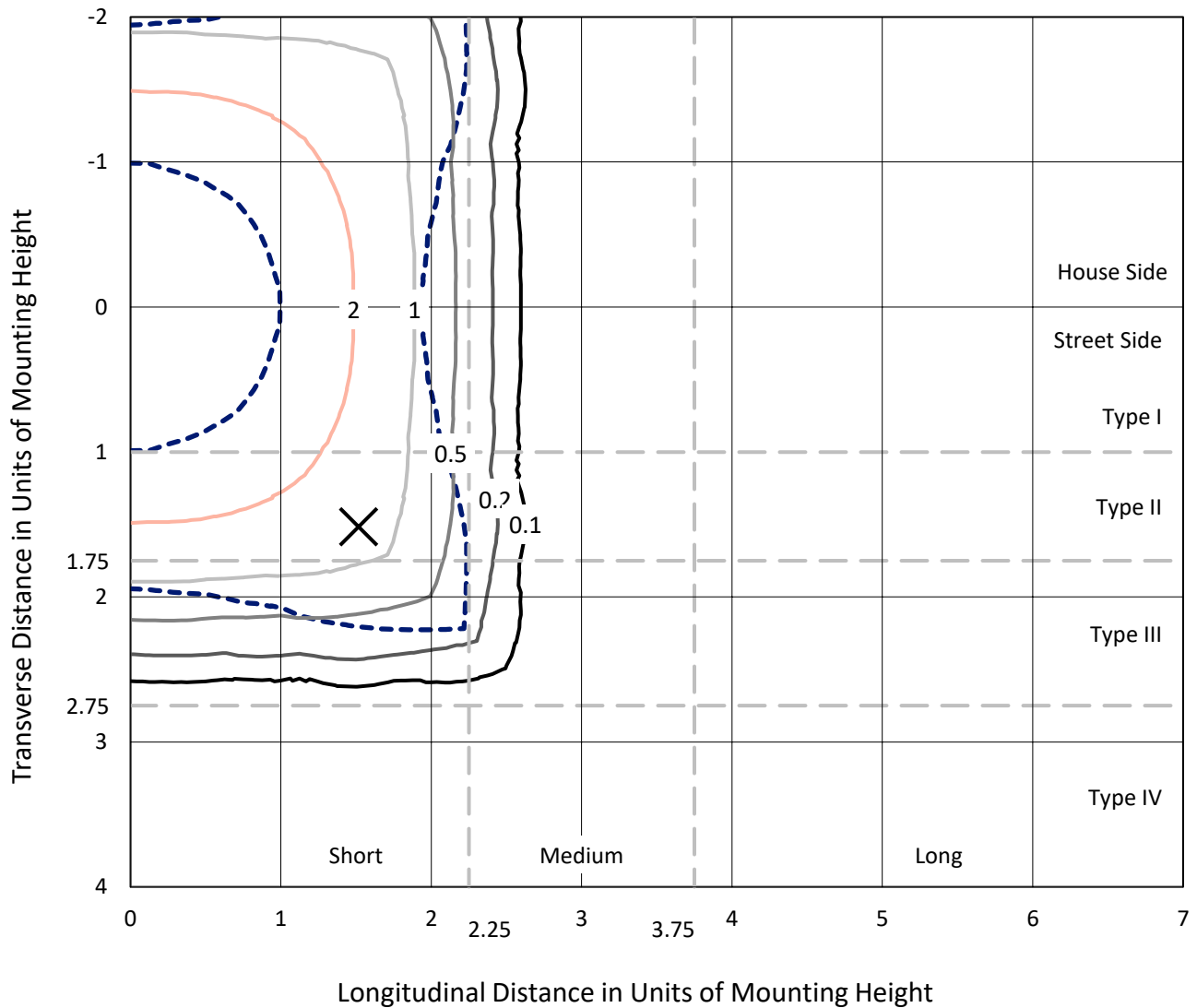
Lumens per Lamp: N/A  
Luminaire Lumens: 24623 lumens  
Efficiency: N/A  
Efficacy: 134.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G2  
  
Input Watts (W): 182.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

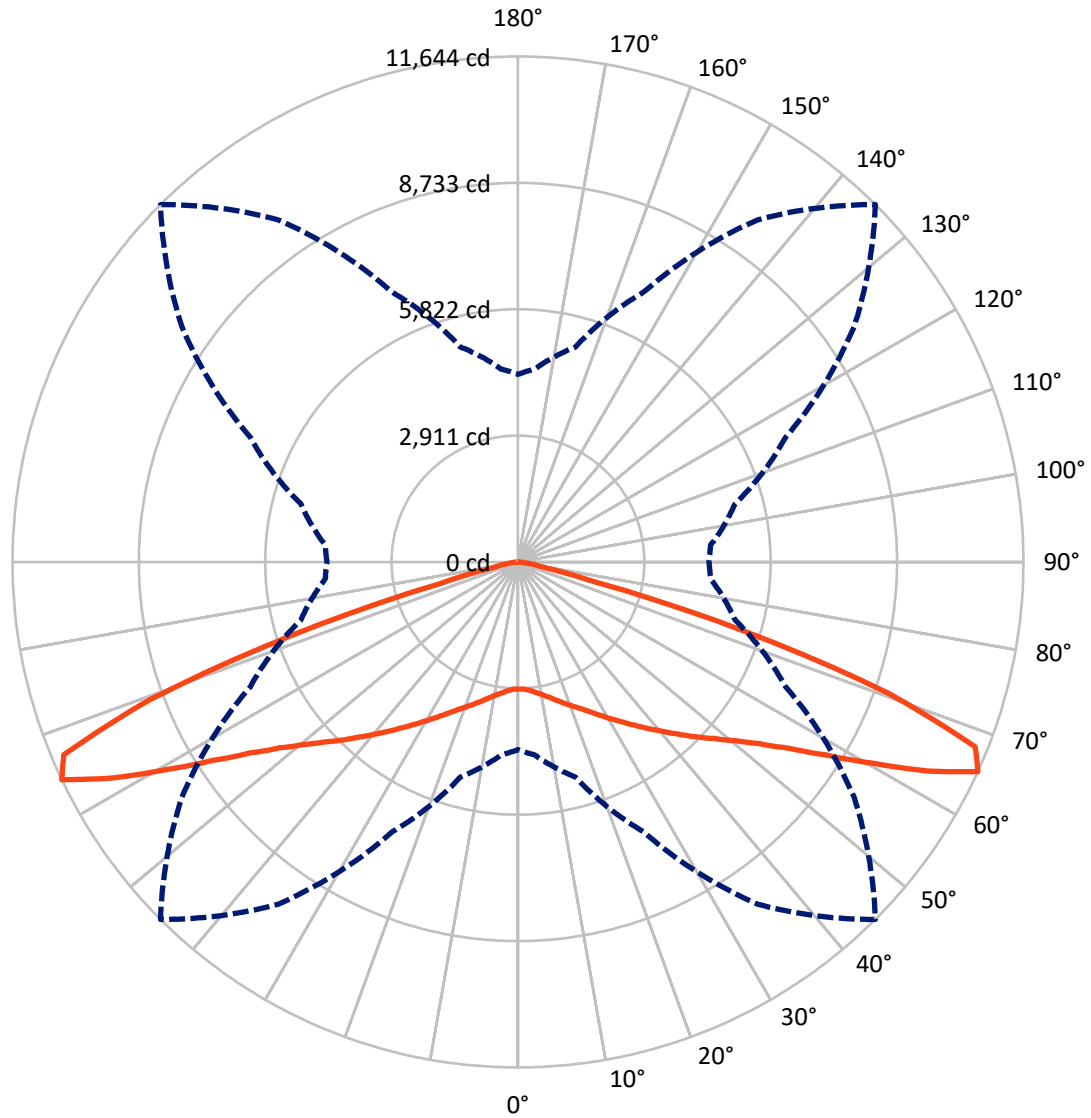
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.8 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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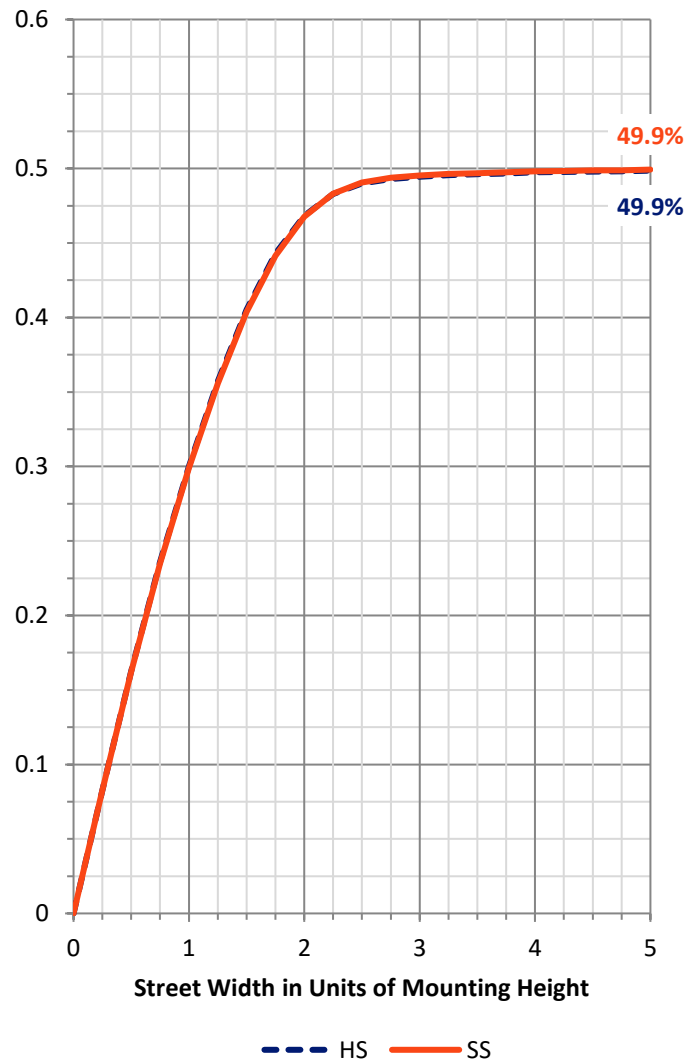
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	12311.5	0.0	12311.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	12311.5	0.0	12311.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	24623.0	0.0	24623.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	289.2	1.2
10°-20°	943.7	3.8
20°-30°	1781.8	7.2
30°-40°	2917.6	11.8
40°-50°	4523.8	18.4
50°-60°	6682.6	27.1
60°-70°	6361.2	25.8
70°-80°	1026.5	4.2
80°-90°	96.8	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°	24623.0	100.0
0°-180°	24623.0	100.0



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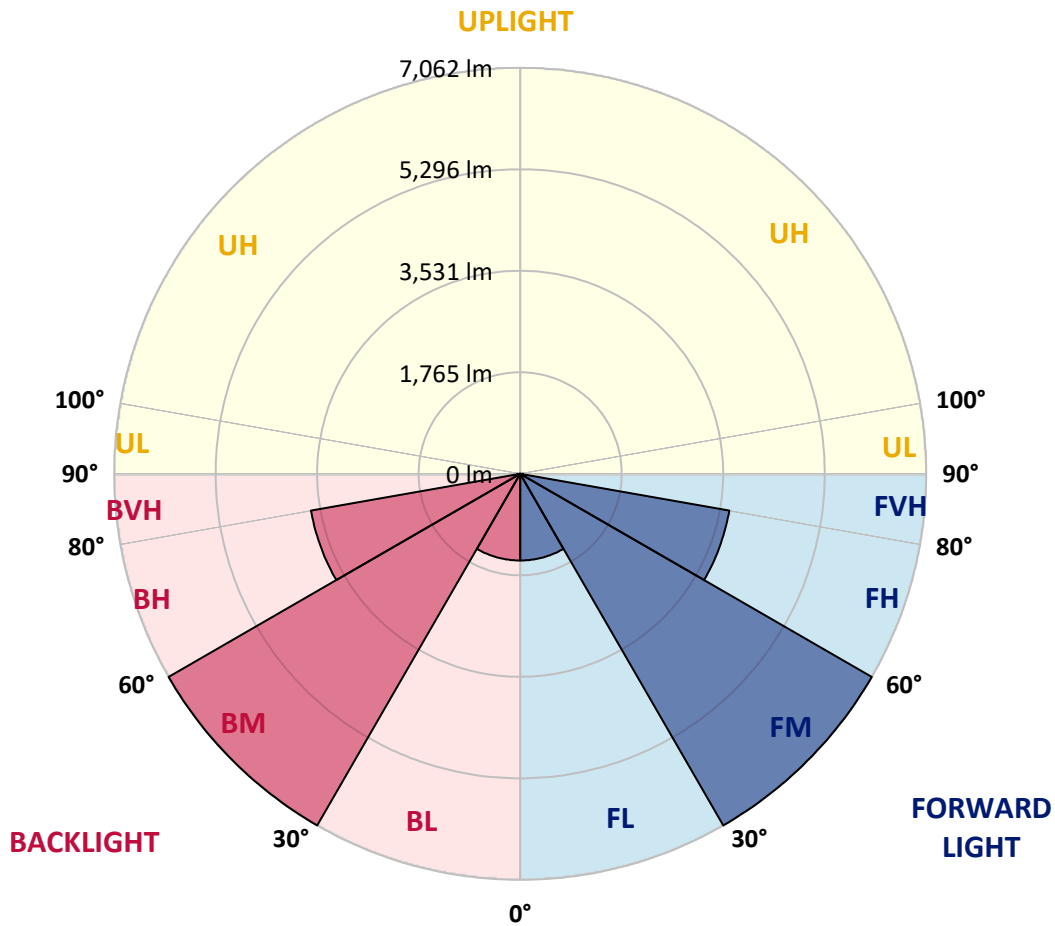
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1507.3	6.1			
FM (30°-60°)	7062.0	28.7			
FH (60°-80°)	3693.8	15.0			G2/5000
FVH (80°-90°)	48.4	0.2			G1/100
BL (0°-30°)	1507.3	6.1	B3/2500		
BM (30°-60°)	7062.0	28.7	B4/8500		
BH (60°-80°)	3693.8	15.0	B4/5000		G2/5000
BVH (80°-90°)	48.4	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°	2930.4	2930.4	2930.4	2930.4	2930.4	2930.4	2930.4	2930.4	2930.4	2930.4
2.5°	2950.1	2940.3	2947.7	2941.5	2936.6	2931.6	2934.1	2942.7	2946.4	2947.7
5°	2989.7	2981.0	2984.7	2984.7	2976.1	2973.6	2974.9	2981.0	2988.4	2988.4
7.5°	3053.9	3045.3	3053.9	3049.0	3041.6	3039.1	3037.9	3042.8	3053.9	3053.9
10°	3131.8	3121.9	3126.8	3124.3	3115.7	3112.0	3110.8	3118.2	3128.0	3126.8
12.5°	3217.0	3205.9	3212.1	3204.6	3202.2	3198.5	3198.5	3197.2	3203.4	3198.5
15°	3312.1	3304.7	3307.2	3302.2	3305.9	3303.5	3293.6	3288.7	3291.1	3283.7
17.5°	3424.5	3407.3	3415.9	3413.4	3413.4	3418.4	3402.3	3396.1	3401.1	3393.7
20°	3554.3	3537.0	3540.7	3535.7	3529.6	3534.5	3514.7	3519.7	3523.4	3518.4
22.5°	3696.3	3674.1	3672.9	3675.3	3661.7	3663.0	3649.4	3661.7	3669.2	3655.6
25°	3842.1	3818.6	3834.7	3828.5	3811.2	3814.9	3805.1	3817.4	3823.6	3806.3
27.5°	3996.5	3980.5	3995.3	3999.0	3978.0	3992.8	3978.0	3989.1	3995.3	3969.4
30°	4176.9	4160.8	4174.4	4184.3	4159.6	4183.1	4170.7	4178.1	4179.4	4148.5
32.5°	4373.3	4348.6	4383.2	4388.2	4361.0	4389.4	4373.3	4383.2	4389.4	4347.4
35°	4613.0	4582.1	4621.7	4615.5	4592.0	4615.5	4600.7	4615.5	4630.3	4579.7
37.5°	4871.2	4839.1	4881.1	4870.0	4847.7	4863.8	4855.1	4865.0	4888.5	4834.1
40°	5155.3	5115.8	5172.6	5152.9	5131.9	5129.4	5134.3	5140.5	5171.4	5110.9
42.5°	5459.3	5417.3	5502.5	5471.6	5442.0	5422.2	5438.3	5450.6	5480.3	5412.3
45°	5806.4	5758.2	5869.4	5832.4	5785.4	5744.6	5770.6	5789.1	5832.4	5750.8
47.5°	6189.4	6135.0	6253.6	6242.5	6165.9	6077.0	6136.3	6189.4	6221.5	6122.7
50°	6563.7	6521.7	6677.4	6691.0	6597.1	6472.3	6555.1	6635.4	6644.0	6514.3
52.5°	6914.6	6872.6	7098.6	7183.9	7099.9	6951.6	7039.3	7120.9	7055.4	6887.4
55°	7195.0	7160.4	7448.3	7668.2	7696.6	7574.3	7626.2	7623.7	7408.7	7150.5
57.5°	7263.0	7258.0	7621.2	8087.0	8383.5	8398.3	8295.8	8033.8	7570.6	7223.4
60°	6954.1	6985.0	7484.1	8305.6	9096.3	9424.9	8981.4	8234.0	7386.5	6904.7
62.5°	6030.0	6111.6	6713.2	8038.8	9672.0	10606.0	9531.2	7930.1	6630.4	6001.6
65°	4321.5	4463.5	5128.2	6860.2	9620.1	11643.7	9452.1	6804.6	5177.6	4452.4
67.5°	1960.6	2105.1	2669.7	4697.0	8362.5	11362.0	8342.7	4746.4	2803.1	2112.5
70°	710.4	735.1	916.7	1880.3	5344.4	9053.1	5572.9	1893.9	974.7	783.2
72.5°	429.9	433.6	471.9	673.3	1856.8	5496.3	1935.9	695.5	481.8	427.5
75°	273.0	270.6	336.0	411.4	658.5	1854.3	690.6	411.4	334.8	305.1
77.5°	196.4	202.6	240.9	307.6	415.1	628.8	407.7	294.0	240.9	197.7
80°	147.0	150.7	175.4	239.7	291.6	391.6	259.4	217.4	181.6	123.5
82.5°	106.2	106.2	114.9	174.2	177.9	211.3	140.8	153.2	119.8	87.7
85°	63.0	61.8	71.7	103.8	92.7	77.8	64.2	93.9	75.4	54.4
87.5°	22.2	23.5	22.2	29.6	24.7	21.0	19.8	25.9	21.0	18.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
2930.4
2947.7
2988.4
3050.2
3124.3
3200.9
3284.9
3399.8
3529.6
3669.2
3826.1
3989.1
4167.0
4375.8
4610.5
4867.5
5130.6
5448.1
5792.8
6156.0
6530.4
6892.3
7159.2
7201.2
6847.9
5964.5
4399.3
2081.7
773.4
434.9
307.6
201.4
127.2
87.7
53.1
17.3
0.0

OF REPORT)