

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: P952331

Luminaire Tested: **GLAN-SB6B-722-U-RW**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6B-722-U-RW
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR
WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29048 lumens
Efficiency: N/A
Efficacy: 131.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B5 - U0 - G5

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

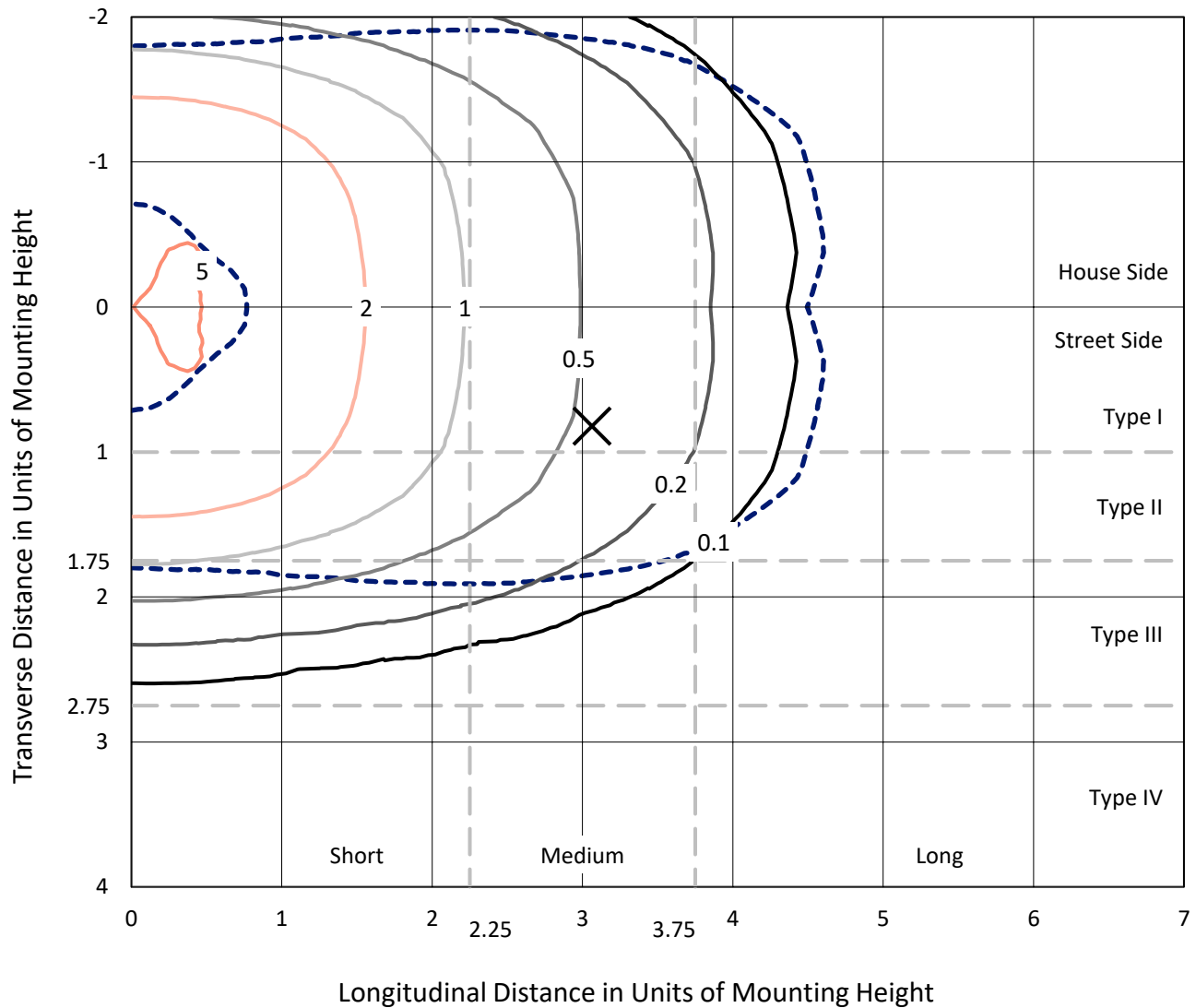


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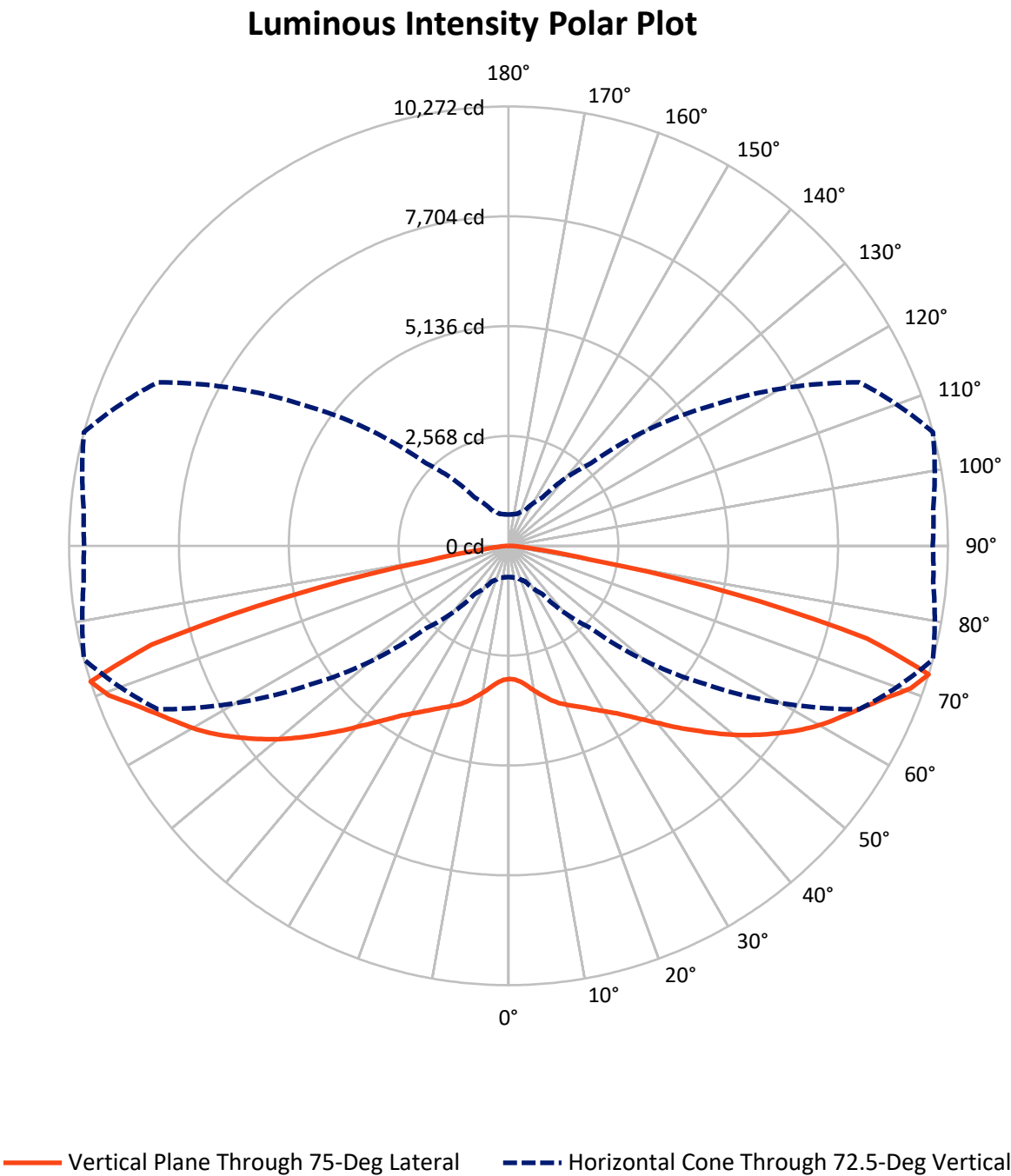
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.5 fc
Type III - Medium - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14524.0	0.0	14524.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	14524.0	0.0	14524.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	29048.0	0.0	29048.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	304.8	1.0
10°-20°	1005.3	3.5
20°-30°	1942.5	6.7
30°-40°	3280.1	11.3
40°-50°	5201.9	17.9
50°-60°	6964.7	24.0
60°-70°	6628.2	22.8
70°-80°	3458.7	11.9
80°-90°	261.8	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°	29048.0	100.0
0°-180°	29048.0	100.0

Coefficient of Utilization



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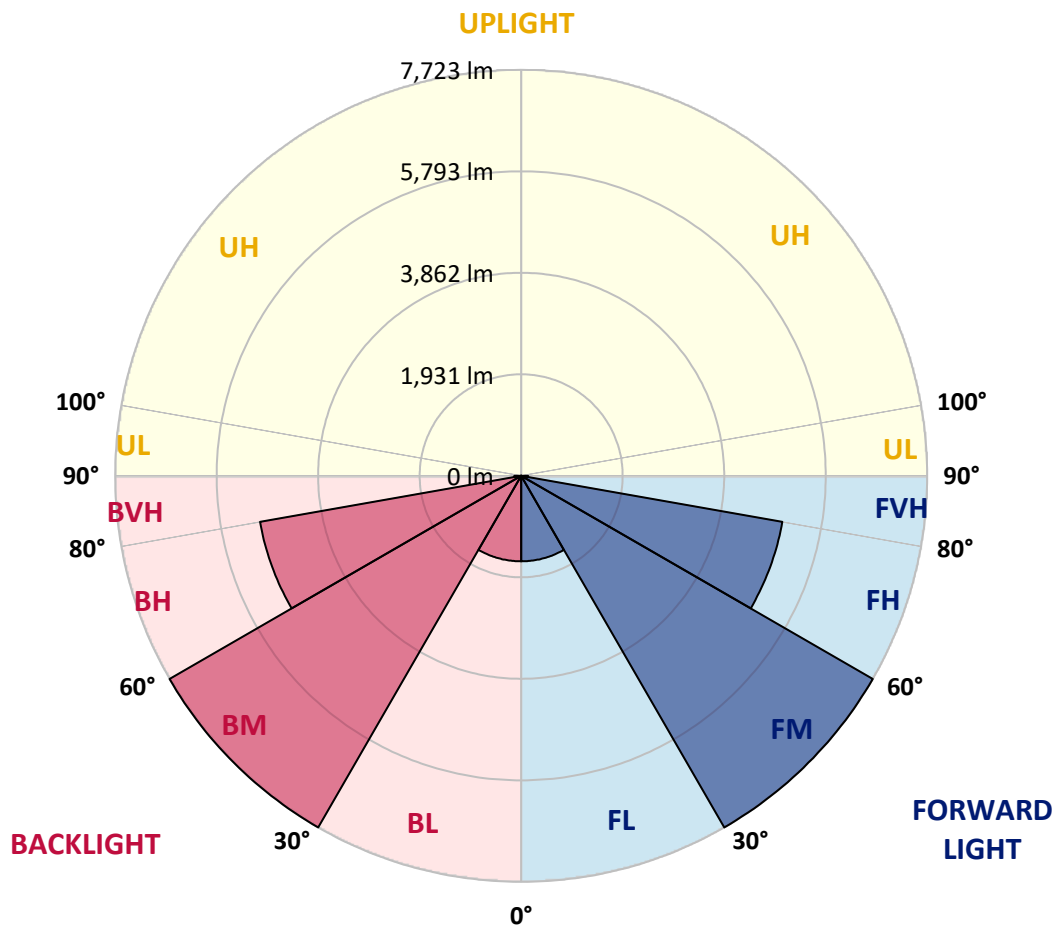
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1626.3	5.6			
FM	(30°-60°)	7723.3	26.6			
FH	(60°-80°)	5043.4	17.4			G3/7500
FVH	(80°-90°)	130.9	0.5			G2/225
BL	(0°-30°)	1626.3	5.6	B3/2500		
BM	(30°-60°)	7723.3	26.6	B4/8500		
BH	(60°-80°)	5043.4	17.4	B5		G5
BVH	(80°-90°)	130.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3111.6	3111.6	3111.6	3111.6	3111.6	3111.6	3111.6	3111.6	3111.6	3111.6
2.5°	3111.6	3108.6	3111.6	3114.5	3113.0	3113.0	3120.5	3124.9	3133.8	3132.3
5°	3090.8	3089.3	3101.2	3114.5	3124.9	3142.7	3165.0	3181.3	3202.0	3206.5
7.5°	3080.4	3076.0	3096.7	3120.5	3153.1	3197.6	3240.6	3285.1	3320.7	3332.5
10°	3087.8	3089.3	3117.5	3162.0	3213.9	3276.2	3337.0	3412.6	3463.1	3474.9
12.5°	3121.9	3119.0	3166.4	3237.6	3308.8	3387.4	3458.6	3541.7	3596.5	3624.7
15°	3184.2	3178.3	3245.0	3350.3	3454.2	3546.1	3604.0	3682.6	3746.3	3781.9
17.5°	3258.4	3261.4	3348.9	3485.3	3621.7	3725.6	3780.4	3820.5	3869.4	3900.6
20°	3388.9	3394.8	3492.7	3654.4	3810.1	3928.8	3973.2	3958.4	3971.8	3995.5
22.5°	3563.9	3566.9	3676.6	3851.6	4014.8	4145.3	4174.9	4114.1	4077.1	4093.4
25°	3767.1	3786.4	3896.1	4075.6	4243.2	4367.8	4381.1	4289.1	4197.2	4201.6
27.5°	4014.8	4032.6	4143.8	4321.8	4492.3	4600.6	4599.1	4476.0	4341.1	4306.9
30°	4283.2	4302.5	4416.7	4600.6	4759.3	4854.2	4833.4	4686.6	4493.8	4430.0
32.5°	4602.1	4613.9	4729.6	4913.5	5060.4	5136.0	5093.0	4912.1	4671.8	4599.1
35°	4987.7	5005.5	5091.5	5265.0	5394.1	5456.4	5383.7	5170.1	4900.2	4818.6
37.5°	5428.2	5416.3	5514.2	5668.4	5775.2	5813.8	5714.4	5460.8	5161.2	5064.8
40°	5887.9	5882.0	5988.8	6137.1	6194.9	6218.7	6071.8	5794.5	5462.3	5358.5
42.5°	6304.7	6300.2	6444.1	6608.7	6678.4	6651.7	6466.4	6149.0	5810.8	5692.2
45°	6638.4	6632.5	6808.9	7040.3	7176.8	7132.3	6883.1	6540.5	6163.8	6040.7
47.5°	6895.0	6897.9	7087.8	7374.0	7612.8	7629.1	7308.8	6939.5	6552.4	6413.0
50°	7080.4	7089.3	7292.4	7609.8	7936.1	8080.0	7743.3	7348.8	6954.3	6797.1
52.5°	7126.3	7142.6	7387.4	7759.6	8143.7	8418.1	8185.3	7741.8	7335.5	7185.7
55°	6881.6	6914.2	7224.2	7747.8	8271.3	8640.6	8573.8	8140.8	7719.6	7565.3
57.5°	6319.5	6365.5	6727.4	7411.1	8243.1	8793.3	8874.9	8523.4	8103.7	7955.4
60°	5532.0	5586.9	5933.9	6679.9	7845.6	8849.7	9087.0	8895.7	8456.7	8312.8
62.5°	4344.0	4415.2	4830.5	5705.5	7006.2	8587.2	9267.9	9232.3	8774.1	8594.6
65°	2786.8	2862.4	3299.9	4333.6	5886.5	7783.4	9324.3	9560.1	9109.2	8858.6
67.5°	1680.4	1714.5	1931.0	2626.6	4302.5	6571.7	8846.7	9923.5	9500.8	9189.3
70°	1075.3	1094.5	1223.6	1542.4	2432.3	4794.9	7663.2	9991.7	9975.4	9529.0
72.5°	729.7	735.6	769.7	913.6	1376.3	2724.5	5652.1	9045.5	10272.0	9966.5
75°	533.9	566.5	621.4	646.6	781.6	1361.5	3239.1	6355.1	8656.9	8790.4
77.5°	397.5	399.0	474.6	504.3	557.6	725.2	1370.4	3547.6	5374.8	5643.2
80°	336.7	318.9	317.4	406.4	419.7	452.3	612.5	1225.0	1925.1	1167.2
82.5°	280.3	261.0	235.8	317.4	286.2	277.3	265.5	498.3	612.5	301.1
85°	195.8	186.9	178.0	207.6	163.1	139.4	127.5	232.8	258.1	127.5
87.5°	84.5	87.5	89.0	92.0	68.2	48.9	48.9	65.3	65.3	50.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
3111.6
3130.8
3206.5
3335.5
3486.8
3636.6
3795.3
3915.4
4013.3
4105.2
4209.1
4317.3
4437.5
4616.9
4830.5
5082.6
5392.6
5721.8
6068.9
6454.5
6844.5
7224.2
7608.3
7989.5
8344.0
8615.4
8889.7
9213.1
9526.0
9919.0
8467.1
5033.7
882.4
256.6
112.7
37.1
0.0

OF REPORT)