

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: P942453

Luminaire Tested: **GLAN-SB6C-722-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P942453
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6C-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37114 lumens
Efficiency: N/A
Efficacy: 123.3 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): 300.9
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



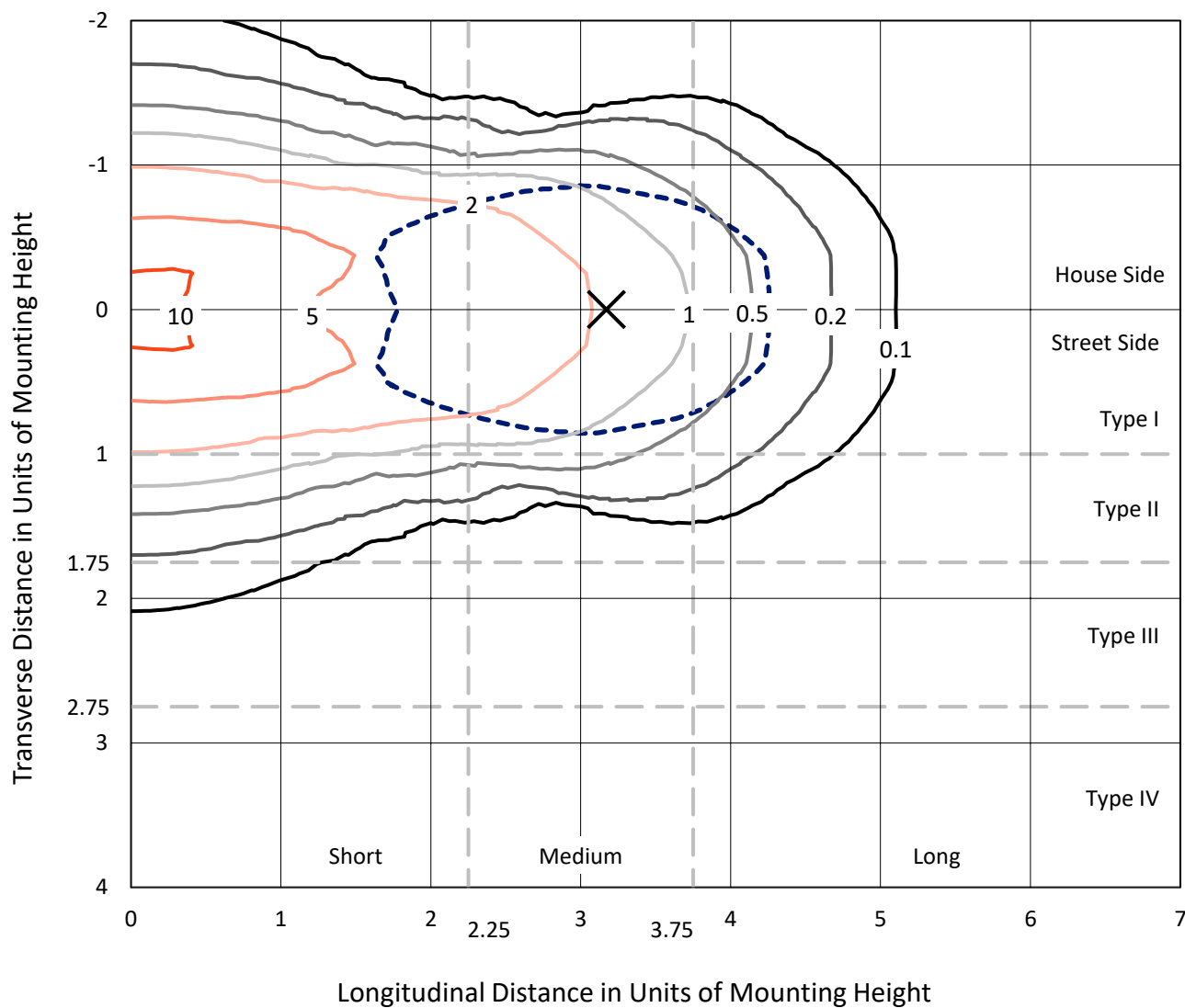
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



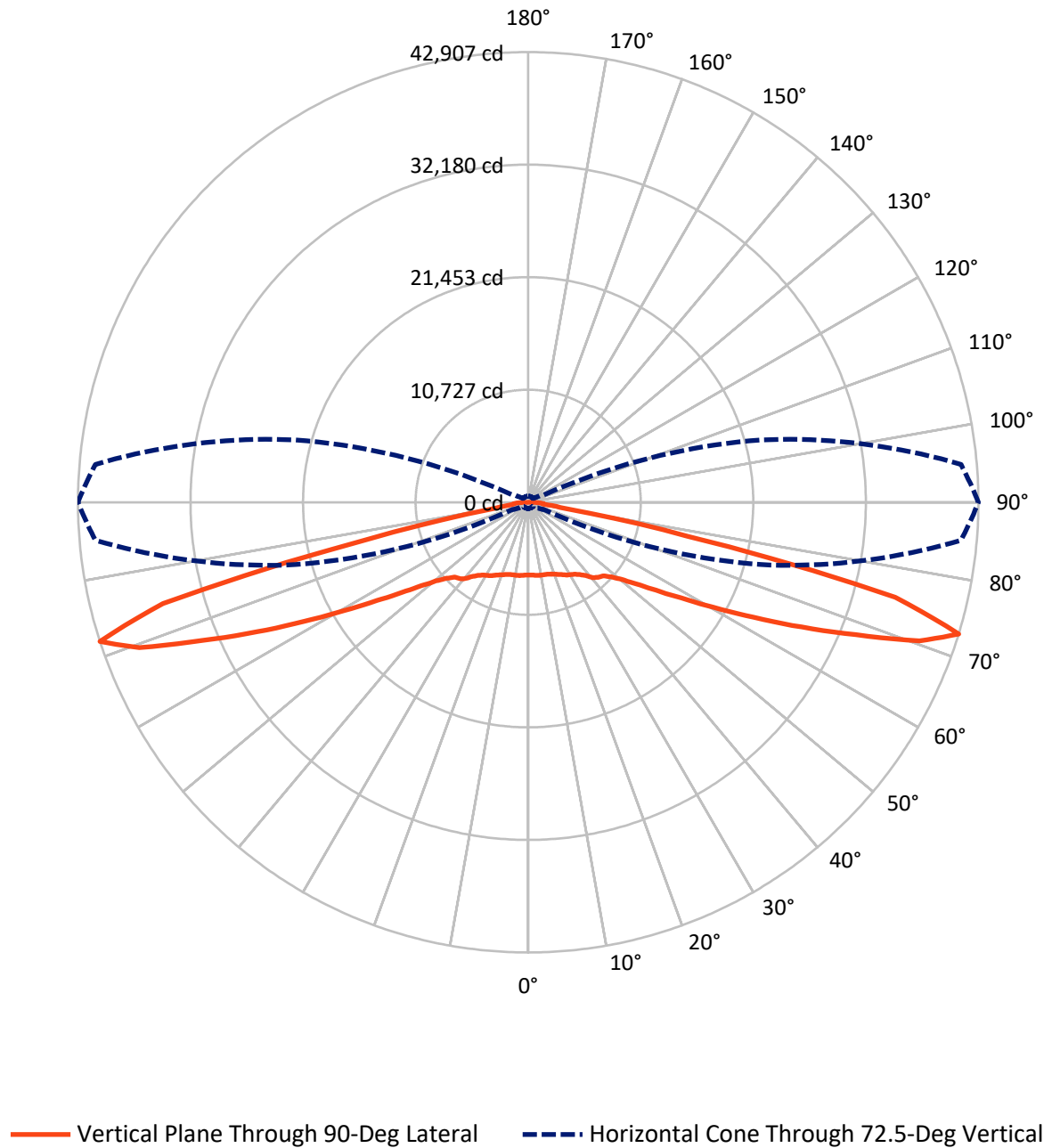
Based on 25 foot mounting height. Maximum calculated value = 11.1 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18557.0	0.0	18557.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	18557.0	0.0	18557.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	37114.0	0.0	37114.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	672.4	1.8
10°-20°	2056.1	5.5
20°-30°	3428.3	9.2
30°-40°	4715.0	12.7
40°-50°	5758.3	15.5
50°-60°	6660.1	17.9
60°-70°	7941.1	21.4
70°-80°	5542.3	14.9
80°-90°	340.4	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°	37114.0	100.0
0°-180°	37114.0	100.0

Coefficient of Utilization



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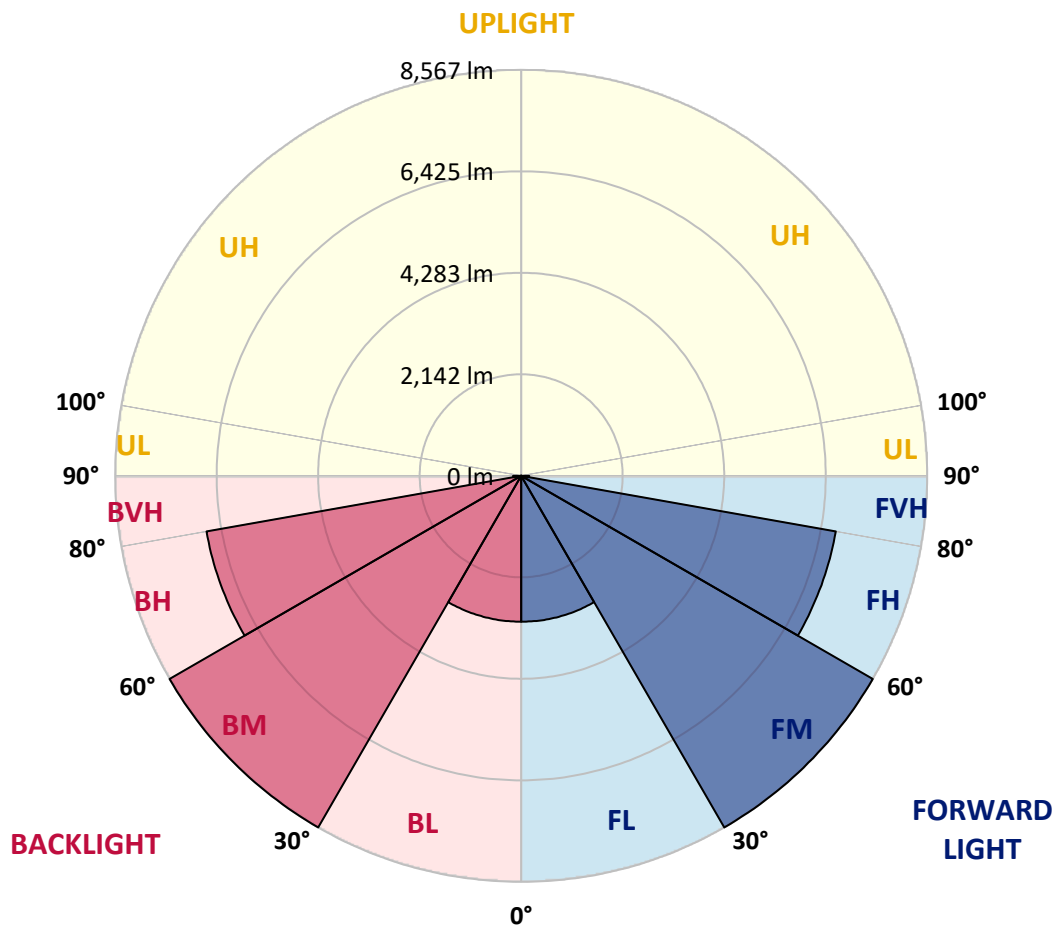
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3078.4	8.3			
FM	(30°-60°)	8566.7	23.1			
FH	(60°-80°)	6741.7	18.2			G3/7500
FVH	(80°-90°)	170.2	0.5			G2/225
BL	(0°-30°)	3078.4	8.3	B4/5000		
BM	(30°-60°)	8566.7	23.1	B5		
BH	(60°-80°)	6741.7	18.2	B5		G5
BVH	(80°-90°)	170.2	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6935.1	6935.1	6935.1	6935.1	6935.1	6935.1	6935.1	6935.1	6935.1	6935.1
2.5°	6941.1	6948.9	6948.9	6943.0	6956.8	6945.0	6945.0	6939.1	6945.0	6939.1
5°	6976.6	6986.4	6990.4	6988.4	7006.2	6996.3	6996.3	6988.4	6990.4	6984.5
7.5°	7043.6	7057.4	7065.3	7075.2	7100.8	7089.0	7081.1	7057.4	7047.6	7031.8
10°	7065.3	7081.1	7106.7	7158.0	7217.2	7219.2	7195.5	7136.3	7091.0	7055.5
12.5°	6998.3	7020.0	7073.2	7177.8	7309.9	7363.2	7325.7	7227.1	7138.3	7075.2
15°	6913.4	6937.1	7018.0	7175.8	7371.1	7495.3	7491.4	7361.2	7219.2	7120.6
17.5°	6781.3	6805.0	6921.3	7142.3	7418.4	7623.5	7678.8	7544.6	7345.4	7213.3
20°	6542.6	6564.3	6726.1	7035.7	7434.2	7759.6	7903.6	7785.3	7536.7	7357.2
22.5°	6232.9	6266.5	6455.8	6852.3	7396.7	7901.6	8160.0	8079.2	7759.6	7511.1
25°	5901.6	5937.1	6158.0	6627.4	7300.0	8004.2	8463.8	8412.5	8012.1	7702.4
27.5°	5615.6	5653.0	5893.7	6404.6	7150.1	8043.7	8763.6	8789.2	8317.8	7913.5
30°	5390.7	5426.2	5682.6	6225.1	6956.8	8004.2	9025.9	9203.5	8629.5	8096.9
32.5°	5144.2	5189.5	5459.7	6006.1	6728.0	7909.5	9254.7	9651.2	8990.4	8294.2
35°	4832.5	4873.9	5158.0	5706.3	6428.2	7757.7	9446.1	10148.3	9507.2	8594.0
37.5°	4453.8	4493.2	4775.3	5331.5	6130.4	7544.6	9592.0	10708.4	10122.6	9025.9
40°	4073.1	4110.6	4374.9	4913.4	5773.4	7272.4	9643.3	11256.8	10828.8	9619.7
42.5°	3724.0	3757.5	4000.1	4501.1	5373.0	6925.3	9576.3	11734.1	11461.9	10033.9
45°	3402.5	3432.1	3647.1	4114.5	4956.8	6503.2	9375.1	12247.0	12215.4	10329.7
47.5°	3035.6	3065.2	3288.1	3739.8	4540.6	6008.1	9033.8	12751.9	13262.8	11000.4
50°	2587.9	2613.5	2842.3	3307.8	4108.6	5481.4	8560.4	13148.4	14584.3	12016.2
52.5°	2057.3	2084.9	2307.8	2773.3	3595.8	4915.4	7937.1	13406.8	16111.0	13499.5
55°	1530.6	1550.3	1743.6	2161.8	2960.7	4270.4	7156.1	13479.7	17842.8	15527.1
57.5°	1110.5	1122.3	1246.6	1558.2	2244.7	3463.6	6207.3	13290.4	19904.0	18126.8
60°	899.4	903.4	940.9	1078.9	1560.2	2552.4	5061.3	12639.5	22140.8	21478.0
62.5°	816.6	816.6	826.5	863.9	1055.3	1684.5	3674.7	11290.3	24539.3	25712.9
65°	759.4	759.4	763.3	781.1	832.4	1073.0	2319.6	9093.0	26561.0	30673.6
67.5°	708.1	710.1	708.1	714.0	743.6	792.9	1345.2	6280.3	27649.8	35813.8
70°	654.9	658.8	648.9	648.9	672.6	674.6	842.2	3443.9	26746.5	40121.7
72.5°	591.7	597.7	581.9	577.9	595.7	587.8	633.2	1652.9	22963.3	41407.7
75°	536.5	544.4	508.9	499.0	499.0	493.1	514.8	848.2	14903.9	33778.2
77.5°	487.2	503.0	445.8	414.2	406.3	388.6	420.1	518.8	6519.0	15858.5
80°	402.4	424.1	366.9	329.4	315.6	295.9	331.4	362.9	1938.9	3682.6
82.5°	299.8	309.7	260.4	234.7	222.9	209.1	248.5	252.5	631.2	1303.8
85°	191.3	195.3	159.8	138.1	132.2	126.2	157.8	138.1	240.6	958.6
87.5°	67.1	76.9	61.1	55.2	59.2	49.3	73.0	41.4	67.1	676.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

6935.1
6939.1
6984.5
7031.8
7049.5
7065.3
7104.8
7191.6
7323.7
7465.7
7639.3
7846.4
8000.3
8171.9
8457.9
8844.5
9426.4
9785.3
9994.4
10613.8
11531.0
12901.8
14779.6
17186.0
20292.6
24125.1
28665.7
33646.1
39551.6
42906.8
36129.4
15529.1
3526.7
1473.4
1392.6
838.3
0.0

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