

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: P849264

Luminaire Tested: **GLAN-SB6B-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849264
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-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26416 lumens
Efficiency: N/A
Efficacy: 119.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

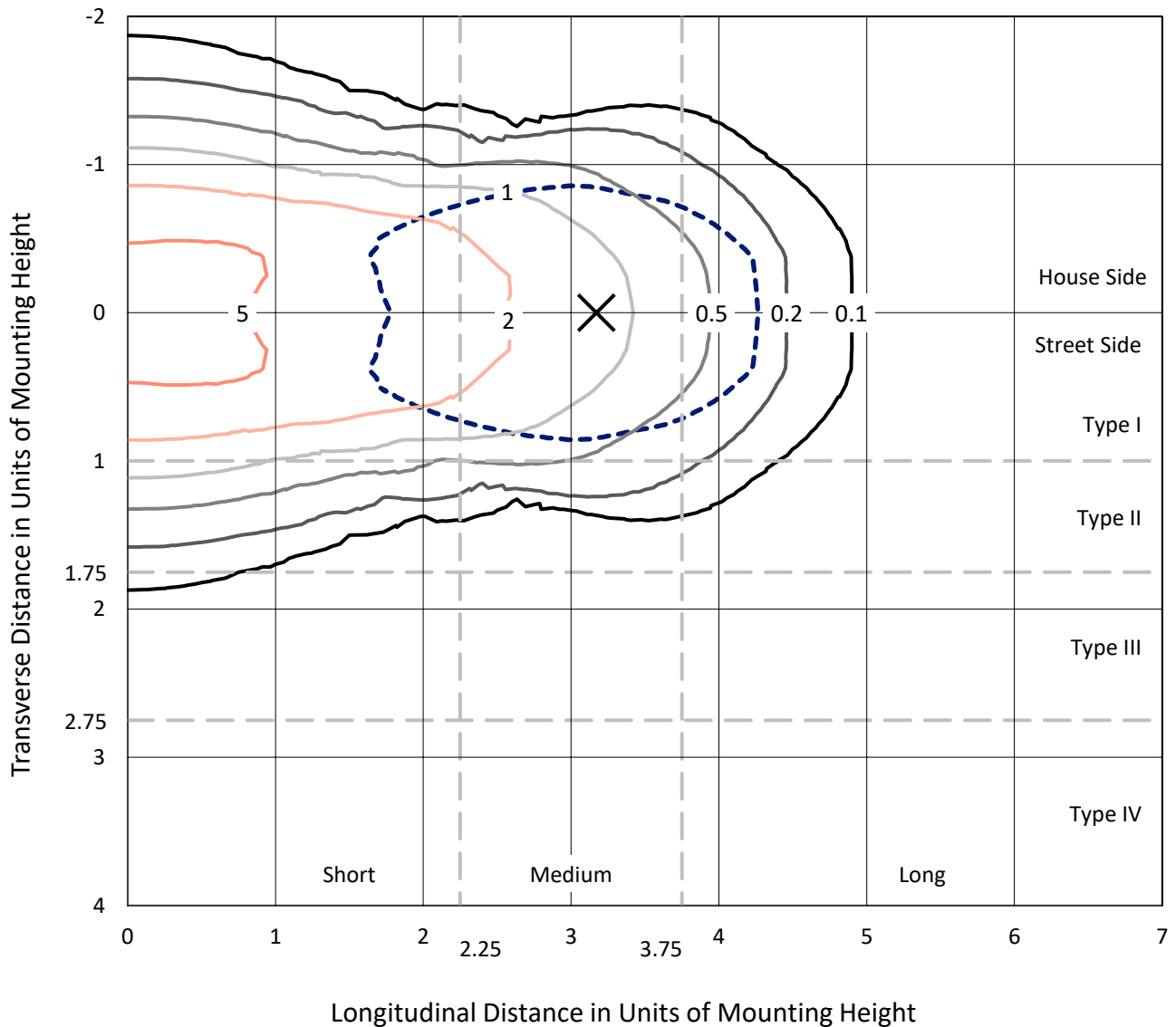
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P849264
 CATALOG NUMBER: GLAN-SB6B-722-U-T1

Iso-Footcandle Lines of Horizontal Illumination

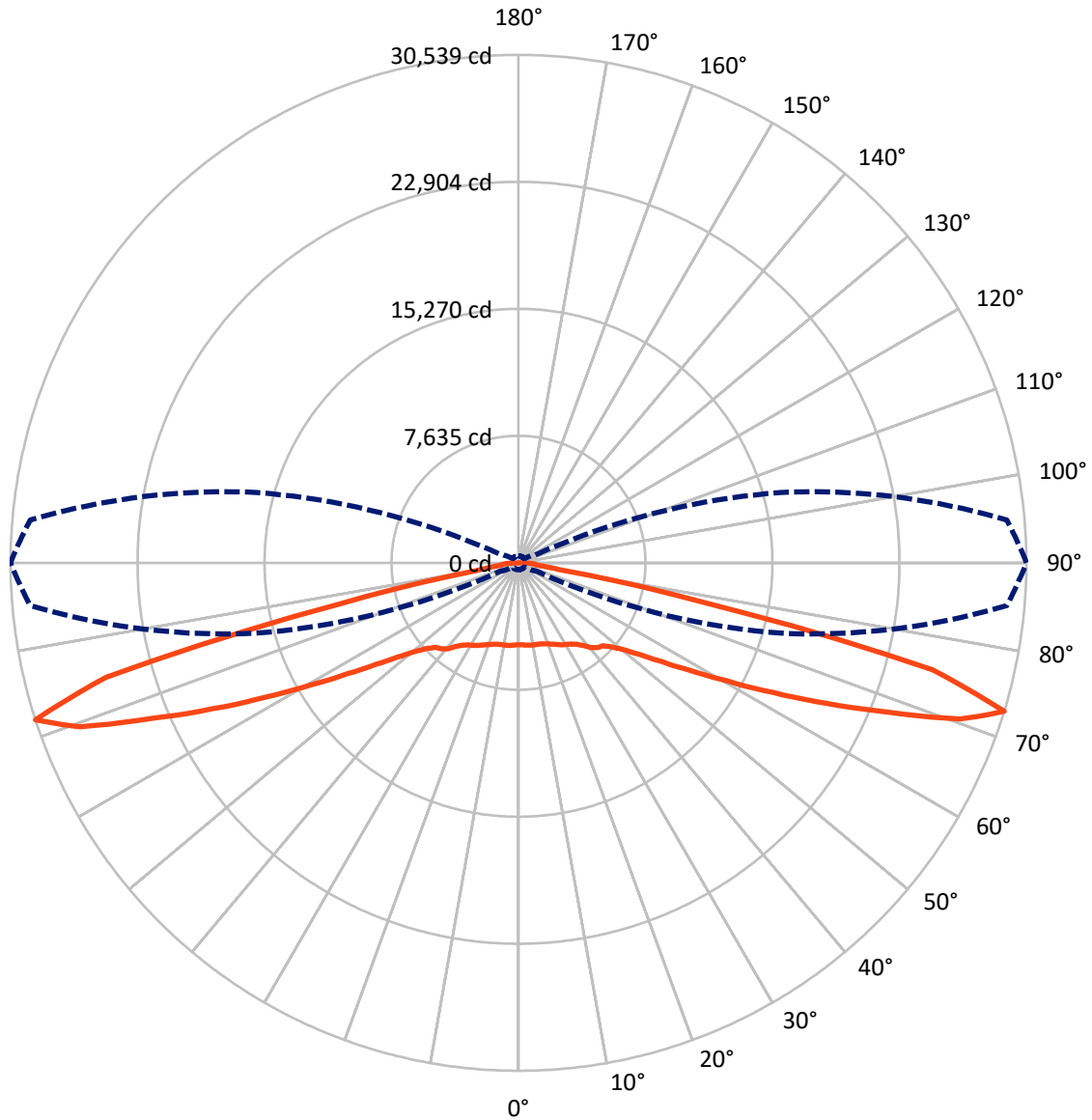
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
 Type I - Short - N/A

REPORT NUMBER: P849264
CATALOG NUMBER: GLAN-SB6B-722-U-T1

Luminous Intensity Polar Plot



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

REPORT NUMBER: P849264

CATALOG NUMBER: GLAN-SB6B-722-U-T1

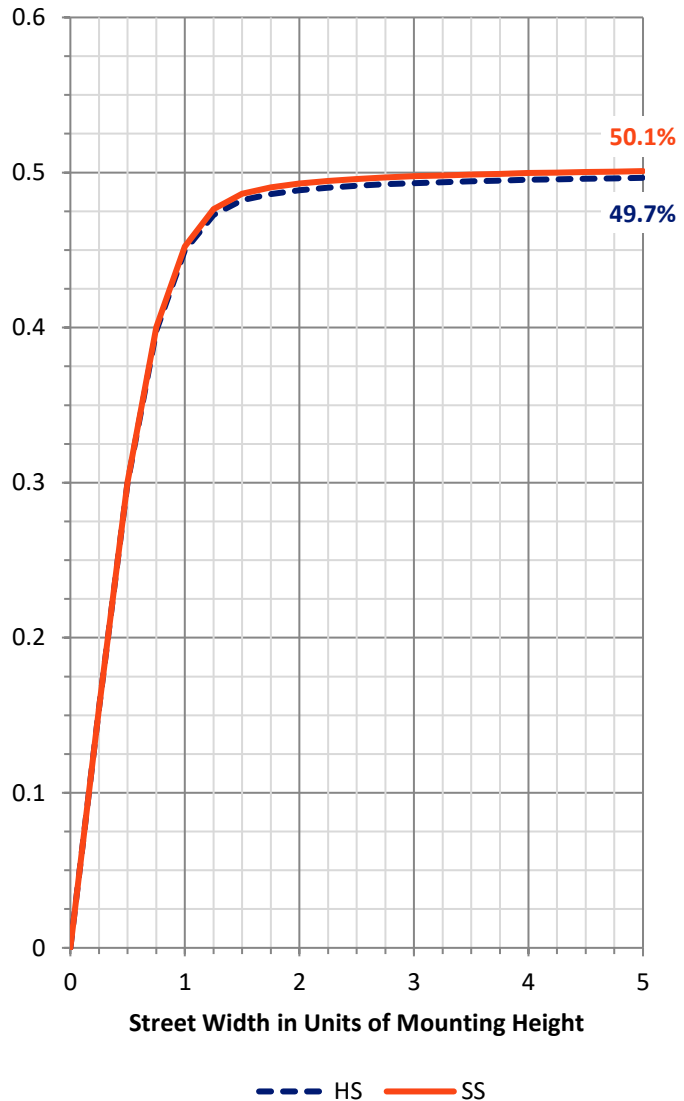
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13208.0	0.0	13208.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	13208.0	0.0	13208.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	26416.0	0.0	26416.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.6	1.8
10°-20°	1463.4	5.5
20°-30°	2440.1	9.2
30°-40°	3355.9	12.7
40°-50°	4098.5	15.5
50°-60°	4740.3	17.9
60°-70°	5652.1	21.4
70°-80°	3944.8	14.9
80°-90°	242.3	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°	26416.0	100.0
0°-180°	26416.0	100.0

Coefficient of Utilization

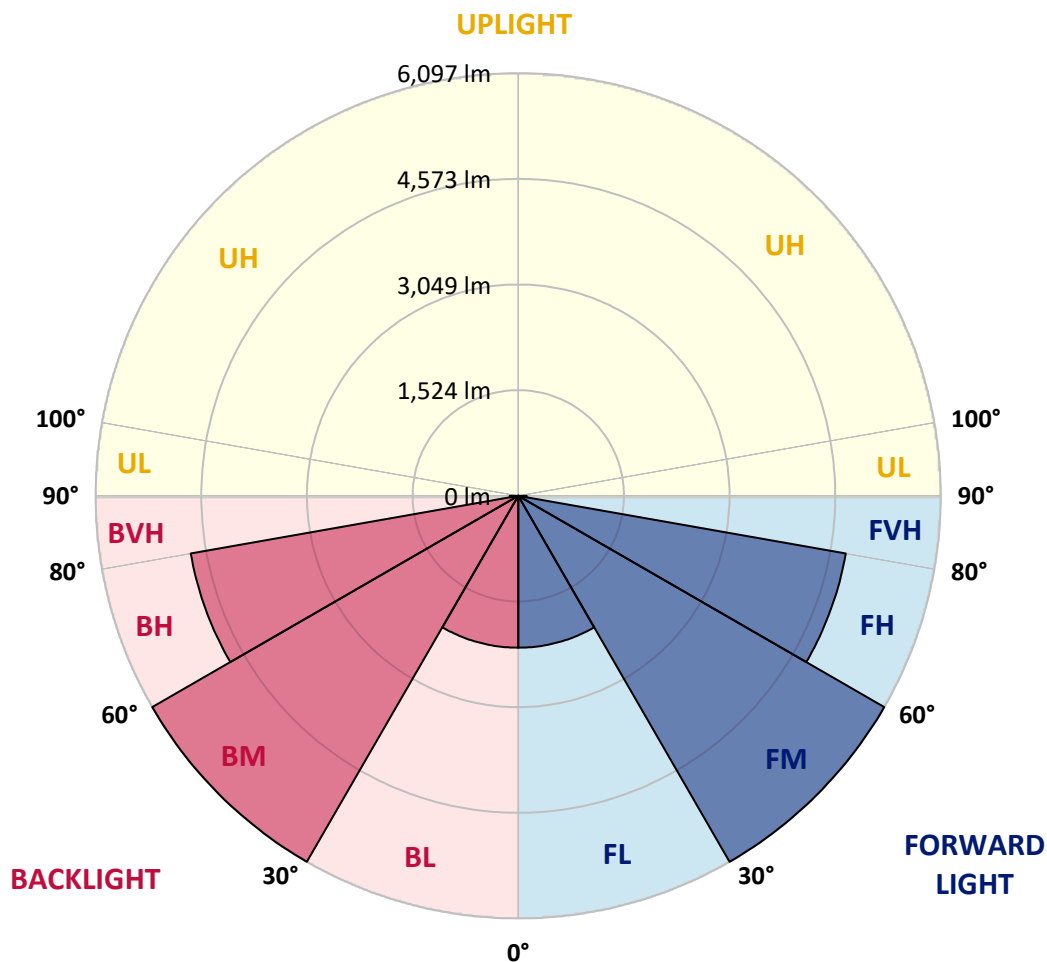


REPORT NUMBER: P849264
 CATALOG NUMBER: GLAN-SB6B-722-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2191.1	8.3			
FM (30°-60°)	6097.4	23.1			
FH (60°-80°)	4798.4	18.2			G2/5000
FVH (80°-90°)	121.1	0.5			G2/225
BL (0°-30°)	2191.1	8.3	B3/2500		
BM (30°-60°)	6097.4	23.1	B4/8500		
BH (60°-80°)	4798.4	18.2	B4/5000		G4/5000
BVH (80°-90°)	121.1	0.5			G2/225
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: P849264

CATALOG NUMBER: GLAN-SB6B-722-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4936.1	4936.1	4936.1	4936.1	4936.1	4936.1	4936.1	4936.1	4936.1	4936.1
2.5°	4940.3	4945.9	4945.9	4941.7	4951.6	4943.1	4943.1	4938.9	4943.1	4938.9
5°	4965.6	4972.6	4975.4	4974.0	4986.6	4979.6	4979.6	4974.0	4975.4	4971.2
7.5°	5013.3	5023.2	5028.8	5035.8	5054.0	5045.6	5040.0	5023.2	5016.1	5004.9
10°	5028.8	5040.0	5058.2	5094.7	5136.9	5138.3	5121.4	5079.3	5047.0	5021.7
12.5°	4981.0	4996.5	5034.4	5108.8	5202.8	5240.8	5214.1	5143.9	5080.7	5035.8
15°	4920.7	4937.5	4995.1	5107.4	5246.4	5334.8	5332.0	5239.4	5138.3	5068.1
17.5°	4826.6	4843.5	4926.3	5083.5	5280.1	5426.1	5465.4	5369.9	5228.1	5134.1
20°	4656.7	4672.2	4787.3	5007.7	5291.3	5522.9	5625.4	5541.2	5364.3	5236.5
22.5°	4436.3	4460.2	4595.0	4877.1	5264.6	5624.0	5807.9	5750.4	5522.9	5346.0
25°	4200.5	4225.7	4383.0	4717.1	5195.8	5697.0	6024.1	5987.6	5702.6	5482.2
27.5°	3996.9	4023.6	4194.8	4558.5	5089.1	5725.1	6237.5	6255.8	5920.2	5632.4
30°	3836.9	3862.1	4044.6	4430.7	4951.6	5697.0	6424.2	6550.6	6142.1	5763.0
32.5°	3661.4	3693.7	3886.0	4274.9	4788.7	5629.6	6587.1	6869.3	6399.0	5903.4
35°	3439.6	3469.0	3671.2	4061.5	4575.3	5521.5	6723.3	7223.1	6766.8	6116.8
37.5°	3170.0	3198.1	3398.8	3794.7	4363.3	5369.9	6827.2	7621.8	7204.8	6424.2
40°	2899.1	2925.7	3113.8	3497.1	4109.2	5176.2	6863.7	8012.1	7707.4	6846.8
42.5°	2650.6	2674.4	2847.1	3203.7	3824.2	4929.1	6815.9	8351.8	8158.1	7141.6
45°	2421.7	2442.8	2595.8	2928.5	3528.0	4628.7	6672.7	8716.8	8694.3	7352.2
47.5°	2160.6	2181.7	2340.3	2661.8	3231.8	4276.3	6429.9	9076.2	9439.8	7829.5
50°	1841.9	1860.2	2023.0	2354.3	2924.3	3901.4	6092.9	9358.4	10380.4	8552.6
52.5°	1464.3	1483.9	1642.6	1973.9	2559.3	3498.5	5649.3	9542.3	11467.0	9608.3
55°	1089.4	1103.5	1241.0	1538.7	2107.3	3039.4	5093.3	9594.2	12699.7	11051.5
57.5°	790.4	798.8	887.3	1109.1	1597.6	2465.2	4418.1	9459.5	14166.7	12901.8
60°	640.2	643.0	669.7	767.9	1110.5	1816.6	3602.4	8996.2	15758.8	15287.1
62.5°	581.2	581.2	588.2	614.9	751.1	1198.9	2615.5	8035.9	17465.9	18301.2
65°	540.5	540.5	543.3	555.9	592.4	763.7	1651.0	6472.0	18904.9	21832.0
67.5°	504.0	505.4	504.0	508.2	529.3	564.4	957.5	4470.0	19679.9	25490.6
70°	466.1	468.9	461.9	461.9	478.7	480.1	599.5	2451.2	19036.9	28556.7
72.5°	421.2	425.4	414.2	411.3	424.0	418.4	450.7	1176.5	16344.2	29472.0
75°	381.9	387.5	362.2	355.2	355.2	351.0	366.4	603.7	10607.9	24041.8
77.5°	346.8	358.0	317.3	294.8	289.2	276.6	299.0	369.2	4639.9	11287.3
80°	286.4	301.8	261.1	234.5	224.6	210.6	235.9	258.3	1380.0	2621.1
82.5°	213.4	220.4	185.3	167.1	158.6	148.8	176.9	179.7	449.2	928.0
85°	136.2	139.0	113.7	98.3	94.1	89.8	112.3	98.3	171.3	682.3
87.5°	47.7	54.8	43.5	39.3	42.1	35.1	51.9	29.5	47.7	481.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4936.1
4938.9
4971.2
5004.9
5017.5
5028.8
5056.8
5118.6
5212.7
5313.8
5437.3
5584.7
5694.2
5816.4
6019.9
6295.1
6709.2
6964.7
7113.6
7554.4
8207.2
9182.9
10519.4
12232.2
14443.3
17171.1
20402.9
23947.7
28151.0
30539.0
25715.2
11052.9
2510.2
1048.7
991.2
596.7
0.0

OF REPORT)