

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: P847694

Luminaire Tested: **GLAN-SB3D-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847694
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-SB3D-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20377 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

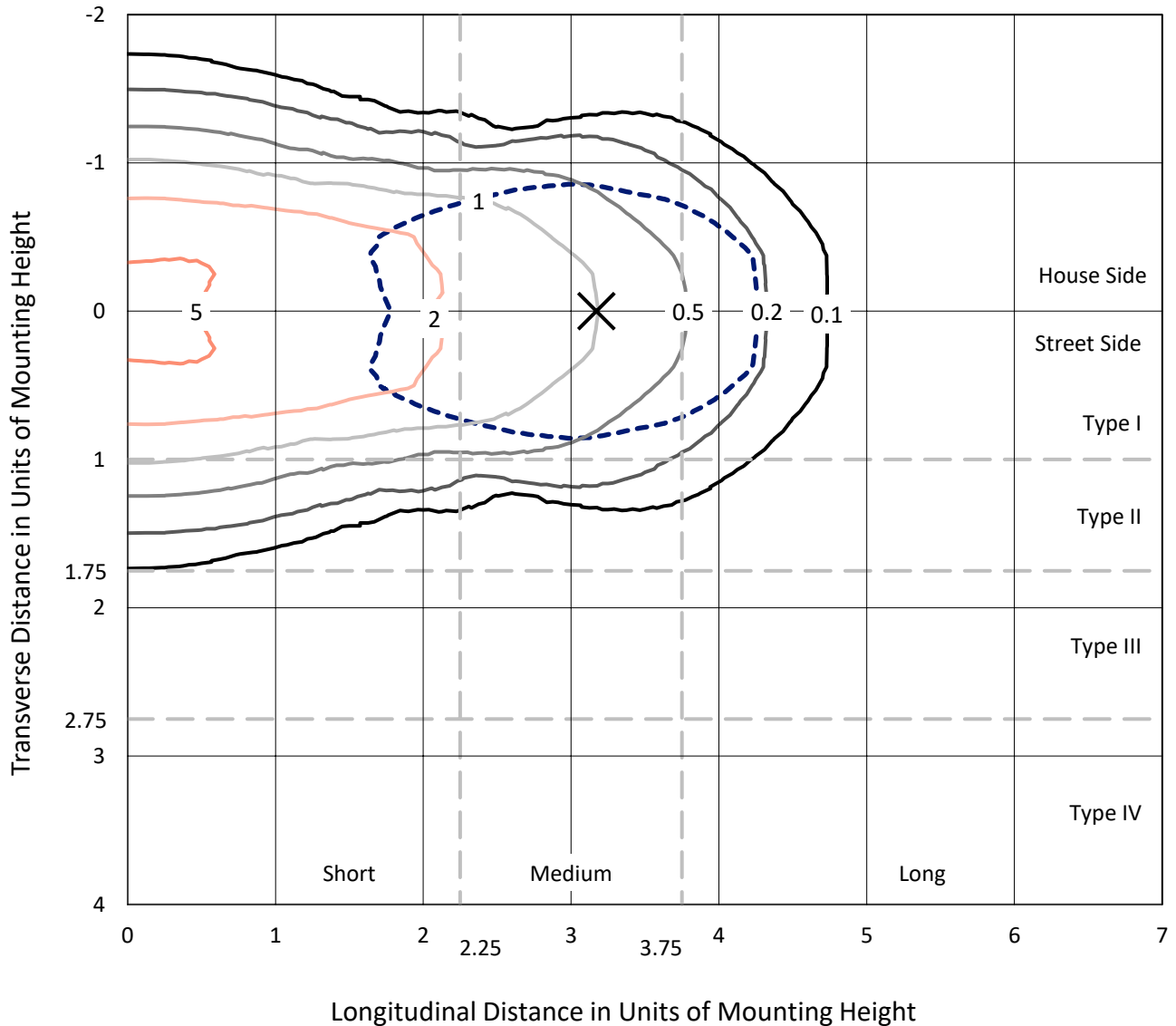
Input Watts (W): 218.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

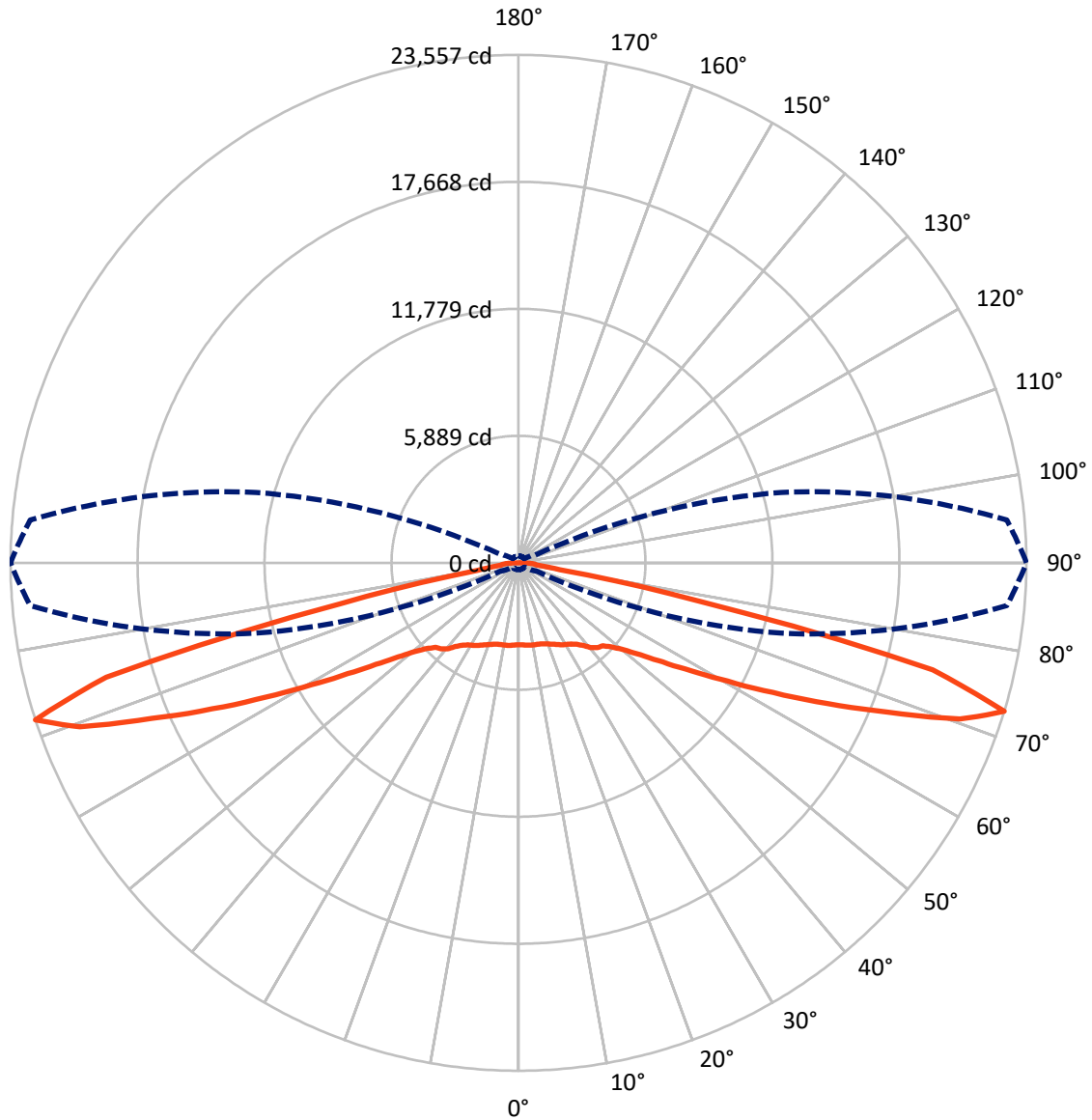
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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

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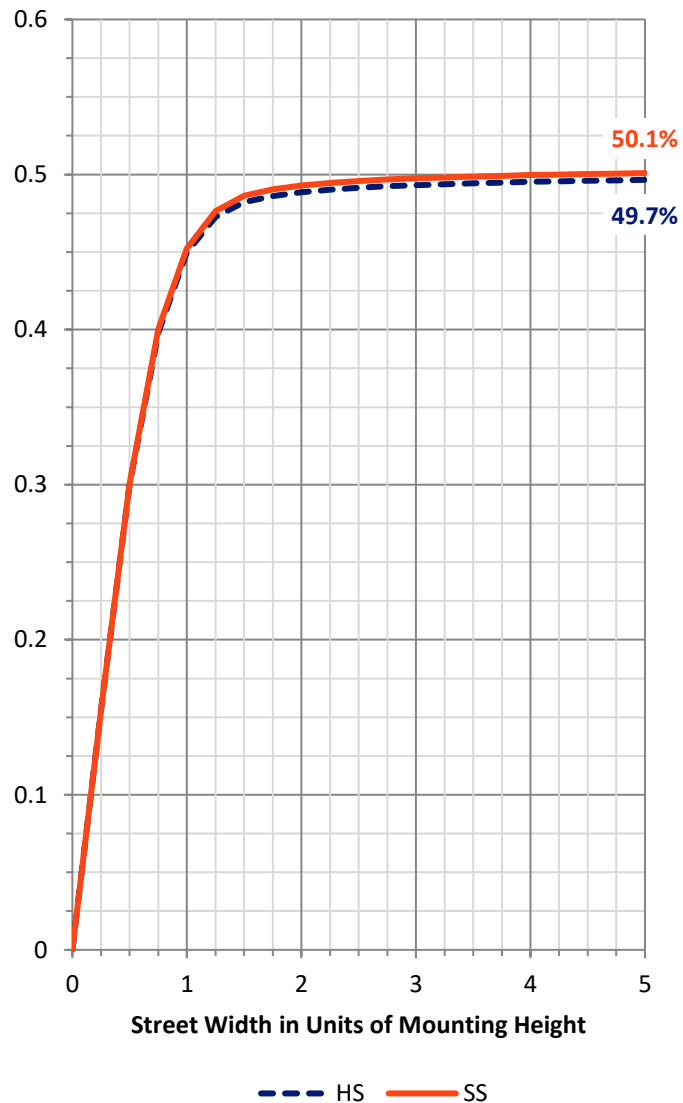
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10188.5	0.0	10188.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10188.5	0.0	10188.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	20377.0	0.0	20377.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.2	1.8
10°-20°	1128.9	5.5
20°-30°	1882.3	9.2
30°-40°	2588.7	12.7
40°-50°	3161.5	15.5
50°-60°	3656.6	17.9
60°-70°	4359.9	21.4
70°-80°	3042.9	14.9
80°-90°	186.9	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°	20377.0	100.0
0°-180°	20377.0	100.0

Coefficient of Utilization



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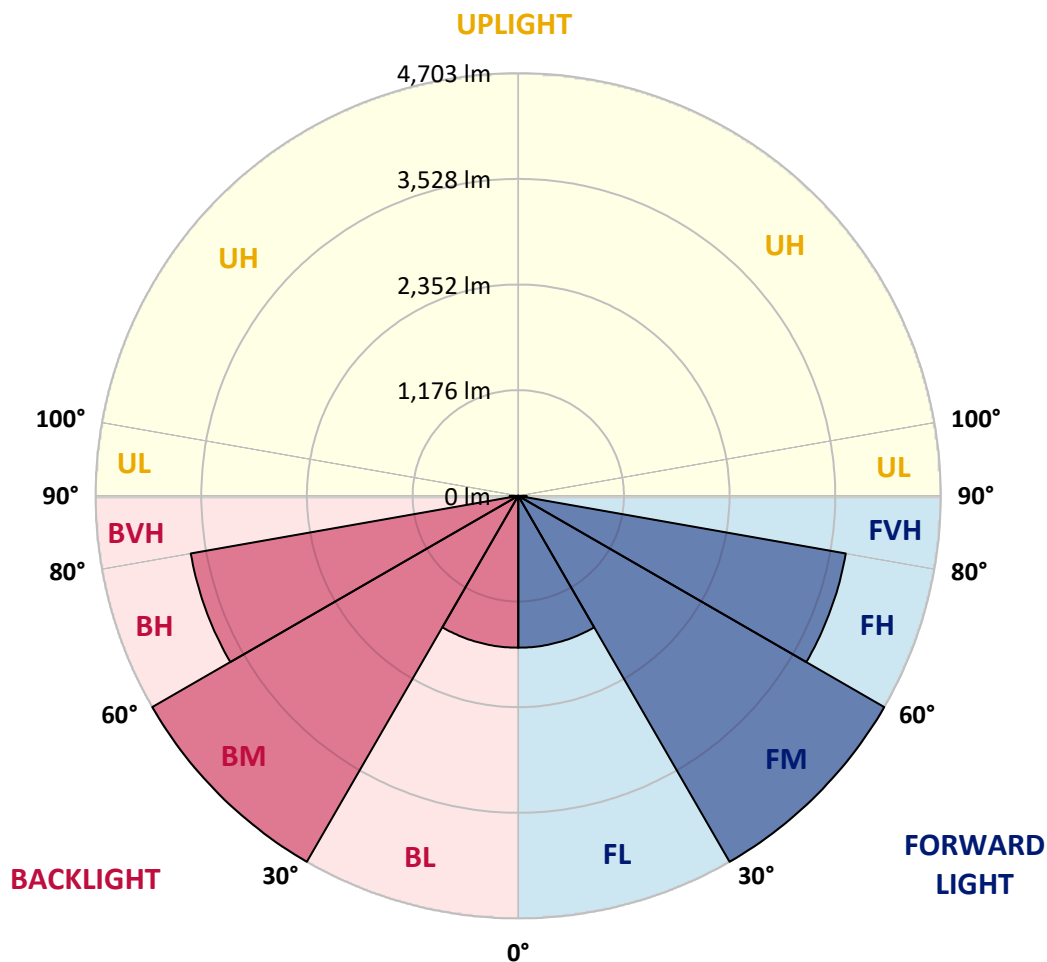
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1690.2	8.3			
FM (30°-60°)	4703.4	23.1			
FH (60°-80°)	3701.4	18.2			G2/5000
FVH (80°-90°)	93.4	0.5			G1/100
BL (0°-30°)	1690.2	8.3	B3/2500		
BM (30°-60°)	4703.4	23.1	B3/5000		
BH (60°-80°)	3701.4	18.2	B4/5000		G4/5000
BVH (80°-90°)	93.4	0.5			G1/100
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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3807.7	3807.7	3807.7	3807.7	3807.7	3807.7	3807.7	3807.7	3807.7	3807.7
2.5°	3810.9	3815.2	3815.2	3812.0	3819.6	3813.1	3813.1	3809.8	3813.1	3809.8
5°	3830.4	3835.8	3838.0	3836.9	3846.6	3841.2	3841.2	3836.9	3838.0	3834.7
7.5°	3867.2	3874.8	3879.1	3884.5	3898.6	3892.1	3887.8	3874.8	3869.4	3860.7
10°	3879.1	3887.8	3901.9	3930.0	3962.5	3963.6	3950.6	3918.1	3893.2	3873.7
12.5°	3842.3	3854.2	3883.5	3940.9	4013.4	4042.7	4022.1	3967.9	3919.2	3884.5
15°	3795.7	3808.7	3853.1	3939.8	4047.0	4115.2	4113.0	4041.6	3963.6	3909.5
17.5°	3723.2	3736.2	3800.1	3921.4	4073.0	4185.6	4215.9	4142.3	4032.9	3960.4
20°	3592.2	3604.1	3692.9	3862.9	4081.6	4260.3	4339.4	4274.4	4138.0	4039.4
22.5°	3422.1	3440.5	3544.5	3762.2	4061.1	4338.3	4480.2	4435.8	4260.3	4123.9
25°	3240.2	3259.7	3381.0	3638.7	4008.0	4394.6	4646.9	4618.8	4398.9	4228.9
27.5°	3083.2	3103.7	3235.9	3516.3	3925.7	4416.3	4811.6	4825.6	4566.8	4344.8
30°	2959.7	2979.2	3120.0	3417.8	3819.6	4394.6	4955.6	5053.1	4737.9	4445.5
32.5°	2824.3	2849.2	2997.6	3297.6	3693.9	4342.6	5081.2	5298.9	4936.1	4553.8
35°	2653.2	2676.0	2831.9	3133.0	3529.3	4259.2	5186.3	5571.8	5219.8	4718.4
37.5°	2445.3	2467.0	2621.8	2927.2	3365.8	4142.3	5266.4	5879.3	5557.7	4955.6
40°	2236.3	2256.9	2402.0	2697.6	3169.8	3992.8	5294.5	6180.4	5945.4	5281.6
42.5°	2044.6	2063.0	2196.2	2471.3	2950.0	3802.2	5257.7	6442.5	6293.0	5509.0
45°	1868.1	1884.3	2002.4	2259.0	2721.5	3570.5	5147.3	6724.0	6706.7	5671.4
47.5°	1666.7	1682.9	1805.3	2053.3	2493.0	3298.7	4959.9	7001.3	7281.8	6039.6
50°	1420.8	1434.9	1560.5	1816.1	2255.8	3009.5	4700.0	7219.0	8007.3	6597.3
52.5°	1129.5	1144.7	1267.1	1522.6	1974.2	2698.7	4357.8	7360.8	8845.5	7411.7
55°	840.4	851.2	957.3	1186.9	1625.5	2344.6	3928.9	7400.9	9796.4	8525.0
57.5°	609.7	616.2	684.4	855.5	1232.4	1901.7	3408.0	7296.9	10928.1	9952.3
60°	493.8	496.0	516.6	592.4	856.6	1401.3	2778.9	6939.6	12156.1	11792.3
62.5°	448.3	448.3	453.8	474.3	579.4	924.8	2017.5	6198.8	13473.0	14117.4
65°	416.9	416.9	419.1	428.8	457.0	589.1	1273.6	4992.4	14583.0	16841.0
67.5°	388.8	389.9	388.8	392.0	408.3	435.3	738.6	3448.1	15180.8	19663.2
70°	359.5	361.7	356.3	356.3	369.3	370.4	462.4	1890.8	14684.8	22028.3
72.5°	324.9	328.1	319.5	317.3	327.1	322.7	347.6	907.5	12607.7	22734.4
75°	294.6	298.9	279.4	274.0	274.0	270.7	282.7	465.7	8182.8	18545.5
77.5°	267.5	276.2	244.7	227.4	223.1	213.3	230.7	284.8	3579.2	8706.9
80°	220.9	232.8	201.4	180.9	173.3	162.4	181.9	199.3	1064.5	2021.9
82.5°	164.6	170.0	142.9	128.9	122.4	114.8	136.5	138.6	346.5	715.8
85°	105.0	107.2	87.7	75.8	72.6	69.3	86.6	75.8	132.1	526.3
87.5°	36.8	42.2	33.6	30.3	32.5	27.1	40.1	22.7	36.8	371.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

3807.7
3809.8
3834.7
3860.7
3870.5
3879.1
3900.8
3948.4
4021.0
4099.0
4194.3
4308.0
4392.5
4486.7
4643.7
4856.0
5175.4
5372.5
5487.3
5827.4
6330.9
7083.6
8114.6
9435.8
11141.4
13245.6
15738.5
18473.0
21715.3
23557.4
19836.4
8526.1
1936.3
809.0
764.6
460.3
0.0

OF REPORT)