

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: P850414

Luminaire Tested: **GLAN-SB7D-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P850414
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-SB7D-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 48299 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

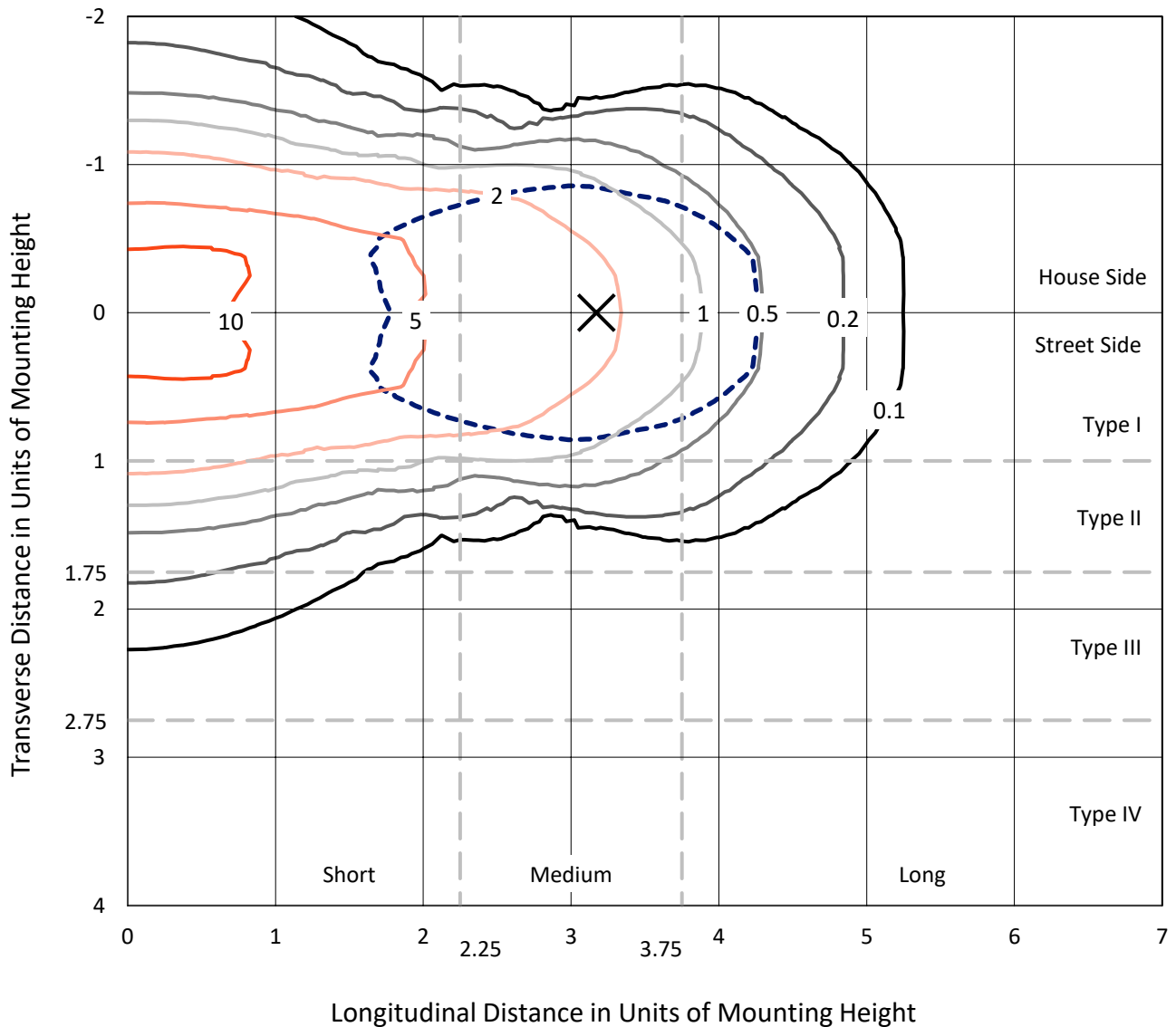
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P850414
 CATALOG NUMBER: GLAN-SB7D-930-U-T1

Iso-Footcandle Lines of Horizontal Illumination

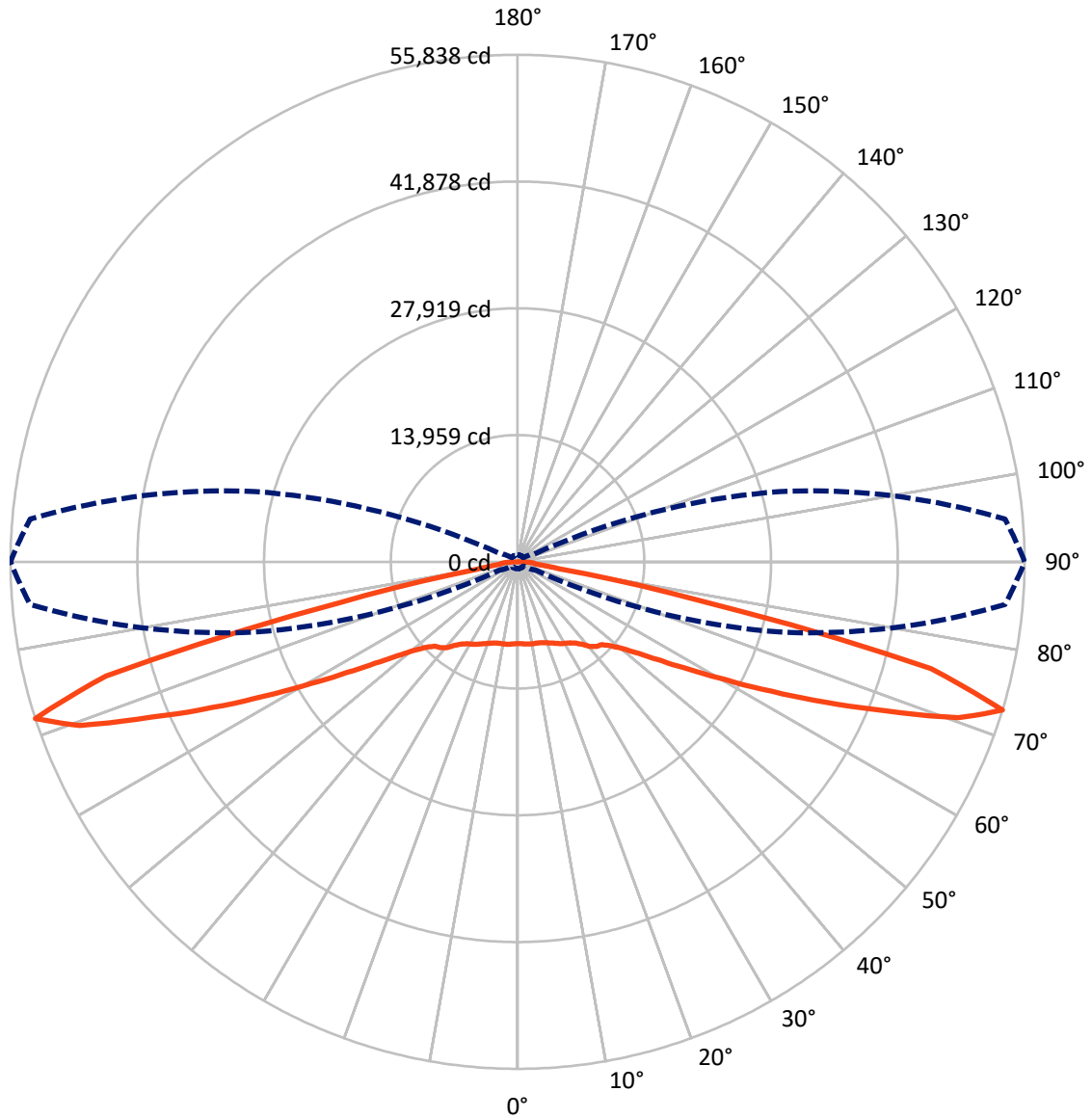
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.4 fc
 Type I - Short - N/A

REPORT NUMBER: P850414
CATALOG NUMBER: GLAN-SB7D-930-U-T1

Luminous Intensity Polar Plot



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

REPORT NUMBER: P850414
 CATALOG NUMBER: GLAN-SB7D-930-U-T1

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24149.5	0.0	24149.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	24149.5	0.0	24149.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	48299.0	0.0	48299.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	875.1	1.8
10°-20°	2675.7	5.5
20°-30°	4461.5	9.2
30°-40°	6135.9	12.7
40°-50°	7493.7	15.5
50°-60°	8667.2	17.9
60°-70°	10334.2	21.4
70°-80°	7212.6	14.9
80°-90°	443.0	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°	48299.0	100.0
0°-180°	48299.0	100.0

Coefficient of Utilization

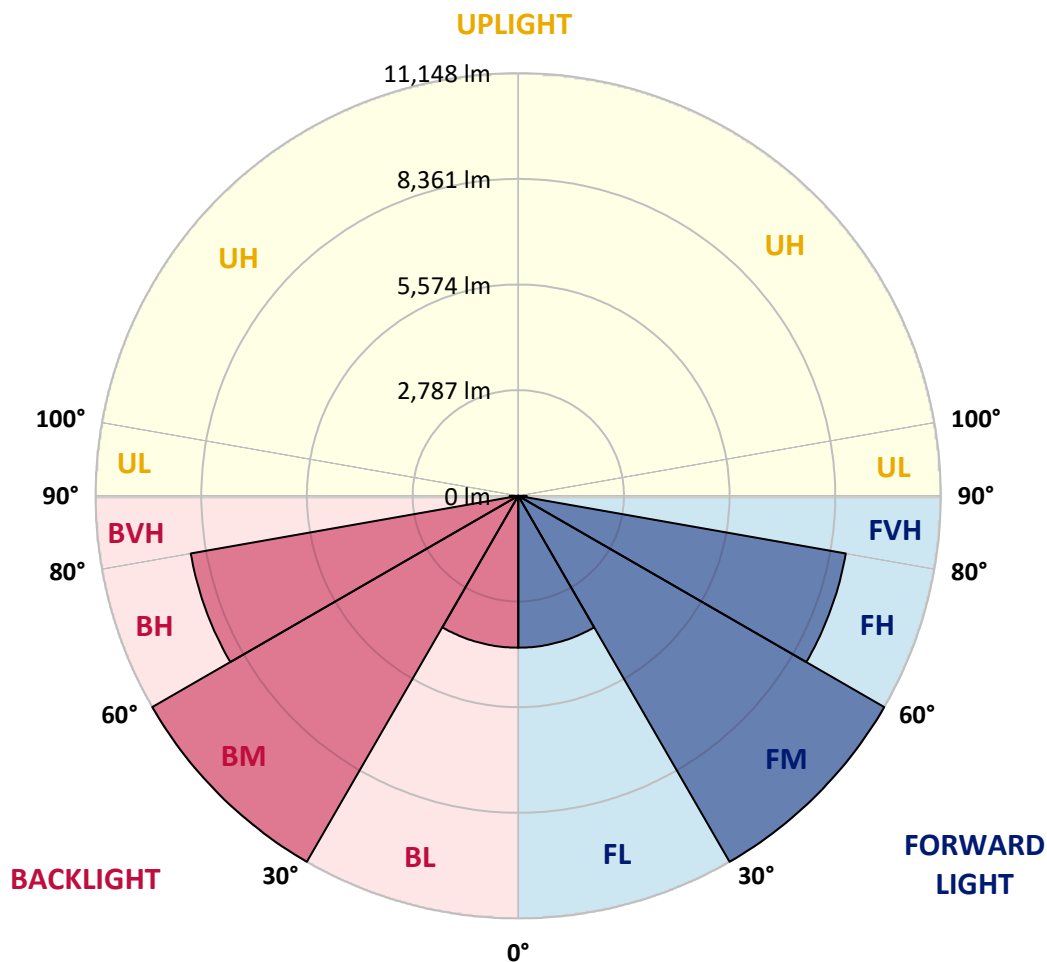


REPORT NUMBER: P850414
 CATALOG NUMBER: GLAN-SB7D-930-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4006.2	8.3			
FM (30°-60°)	11148.4	23.1			
FH (60°-80°)	8773.4	18.2			G4/12000
FVH (80°-90°)	221.5	0.5			G2/225
BL (0°-30°)	4006.2	8.3	B4/5000		
BM (30°-60°)	11148.4	23.1	B5		
BH (60°-80°)	8773.4	18.2	B5		G5
BVH (80°-90°)	221.5	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



REPORT NUMBER: P850414
 CATALOG NUMBER: GLAN-SB7D-930-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9025.2	9025.2	9025.2	9025.2	9025.2	9025.2	9025.2	9025.2	9025.2	9025.2
2.5°	9032.9	9043.1	9043.1	9035.4	9053.4	9038.0	9038.0	9030.3	9038.0	9030.3
5°	9079.1	9091.9	9097.1	9094.5	9117.6	9104.8	9104.8	9094.5	9097.1	9089.4
7.5°	9166.4	9184.3	9194.6	9207.4	9240.8	9225.4	9215.1	9184.3	9171.5	9151.0
10°	9194.6	9215.1	9248.5	9315.2	9392.2	9394.8	9364.0	9287.0	9228.0	9181.8
12.5°	9107.3	9135.6	9204.9	9340.9	9512.9	9582.2	9533.4	9405.1	9289.6	9207.4
15°	8996.9	9027.7	9133.0	9338.3	9592.5	9754.2	9749.0	9579.6	9394.8	9266.5
17.5°	8825.0	8855.8	9007.2	9294.7	9654.1	9921.0	9992.9	9818.3	9559.1	9387.1
20°	8514.4	8542.6	8753.1	9156.1	9674.6	10098.1	10285.5	10131.5	9808.1	9574.5
22.5°	8111.4	8155.0	8401.4	8917.4	9625.8	10283.0	10619.2	10514.0	10098.1	9774.7
25°	7680.1	7726.3	8013.8	8624.7	9500.1	10416.4	11014.5	10947.8	10426.7	10023.7
27.5°	7307.9	7356.7	7669.9	8334.7	9305.0	10467.8	11404.7	11438.1	10824.6	10298.4
30°	7015.3	7061.5	7395.2	8101.1	9053.4	10416.4	11746.1	11977.1	11230.1	10537.1
32.5°	6694.4	6753.5	7105.1	7816.2	8755.7	10293.2	12043.8	12559.8	11699.9	10793.8
35°	6288.9	6342.8	6712.4	7426.0	8365.5	10095.6	12292.8	13206.6	12372.4	11183.9
37.5°	5796.0	5847.4	6214.4	6938.3	7977.9	9818.3	12482.8	13935.6	13173.3	11746.1
40°	5300.6	5349.4	5693.4	6394.1	7513.3	9464.1	12549.5	14649.2	14092.2	12518.7
42.5°	4846.3	4889.9	5205.6	5857.6	6992.2	9012.3	12462.2	15270.4	14916.2	13057.8
45°	4427.9	4466.4	4746.2	5354.5	6450.6	8463.0	12200.4	15937.8	15896.7	13442.8
47.5°	3950.4	3988.9	4279.0	4866.8	5909.0	7818.7	11756.3	16594.9	17259.8	14315.5
50°	3367.8	3401.1	3698.9	4304.7	5346.8	7133.4	11140.3	17110.9	18979.6	15637.5
52.5°	2677.3	2713.2	3003.3	3609.0	4679.4	6396.7	10329.2	17447.1	20966.3	17567.8
55°	1991.9	2017.6	2269.1	2813.3	3852.9	5557.3	9312.7	17542.1	23220.1	20206.5
57.5°	1445.2	1460.6	1622.3	2027.8	2921.1	4507.5	8078.0	17295.7	25902.5	23589.7
60°	1170.5	1175.6	1224.4	1404.1	2030.4	3321.6	6586.6	16448.6	28813.3	27950.8
62.5°	1062.7	1062.7	1075.5	1124.3	1373.3	2192.1	4782.1	14692.9	31934.7	33462.0
65°	988.3	988.3	993.4	1016.5	1083.2	1396.4	3018.7	11833.4	34565.7	39917.7
67.5°	921.5	924.1	921.5	929.2	967.7	1031.9	1750.6	8173.0	35982.6	46607.0
70°	852.2	857.3	844.5	844.5	875.3	877.9	1096.1	4481.8	34807.0	52213.1
72.5°	770.1	777.8	757.2	752.1	775.2	764.9	824.0	2151.1	29883.7	53886.7
75°	698.2	708.5	662.3	649.4	649.4	641.7	670.0	1103.8	19395.4	43958.0
77.5°	634.0	654.6	580.1	539.0	528.8	505.7	546.7	675.1	8483.6	20637.8
80°	523.6	551.9	477.4	428.7	410.7	385.0	431.2	472.3	2523.3	4792.4
82.5°	390.2	403.0	338.8	305.5	290.1	272.1	323.4	328.6	821.4	1696.7
85°	249.0	254.1	207.9	179.7	172.0	164.3	205.4	179.7	313.2	1247.5
87.5°	87.3	100.1	79.6	71.9	77.0	64.2	95.0	53.9	87.3	880.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

9025.2
9030.3
9089.4
9151.0
9174.1
9194.6
9245.9
9358.9
9530.9
9715.7
9941.6
10211.1
10411.3
10634.6
11006.8
11509.9
12267.2
12734.3
13006.4
13812.4
15006.0
16790.0
19233.7
22365.3
26408.1
31395.6
37304.6
43786.0
51471.2
55837.5
47017.7
20209.1
4589.6
1917.5
1812.2
1090.9
0.0

OF REPORT)