

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: P845821

Luminaire Tested: **GLAN-SB1A-930-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845821
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-930-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3062 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

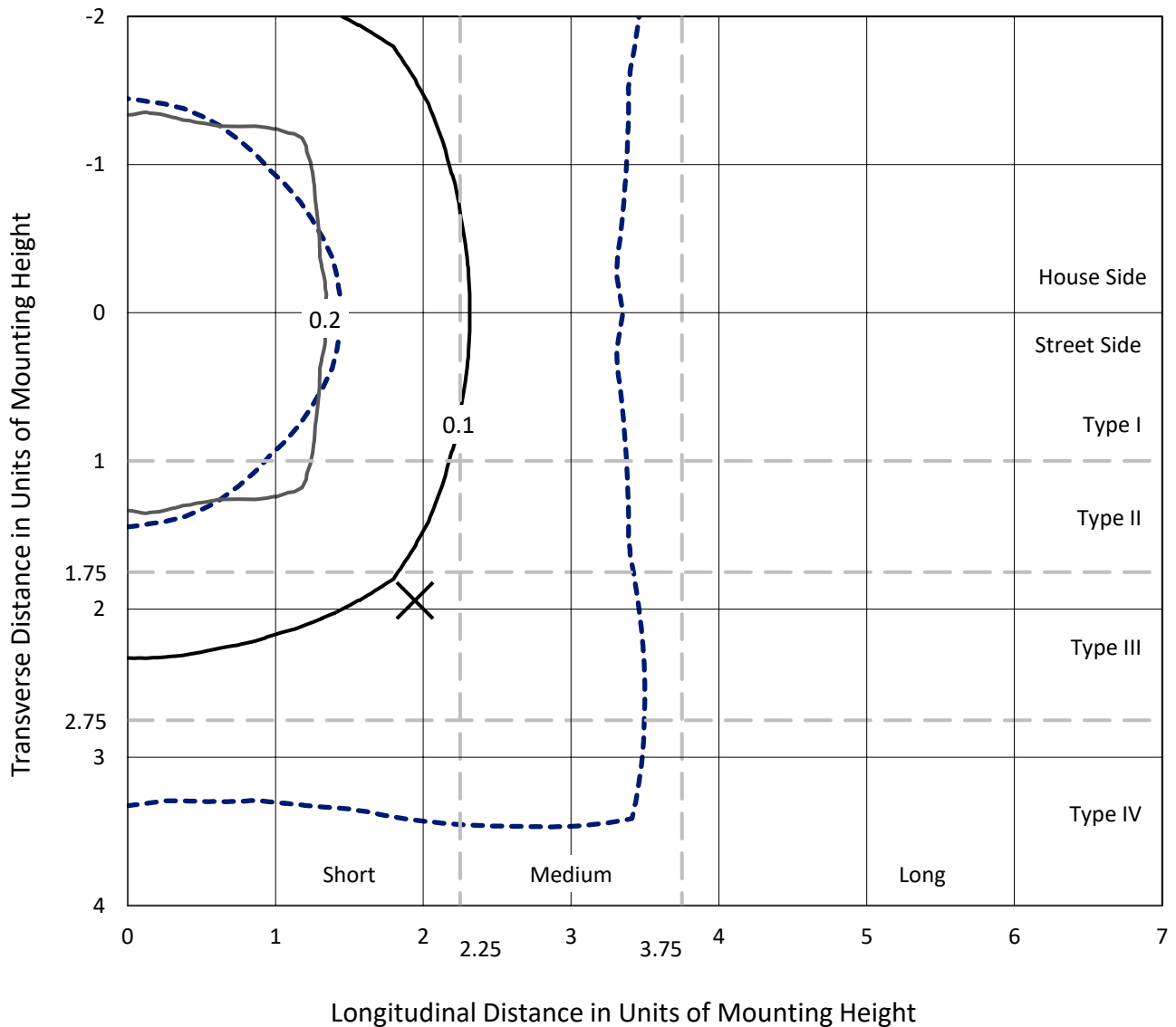
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P845821
 CATALOG NUMBER: GLAN-SB1A-930-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

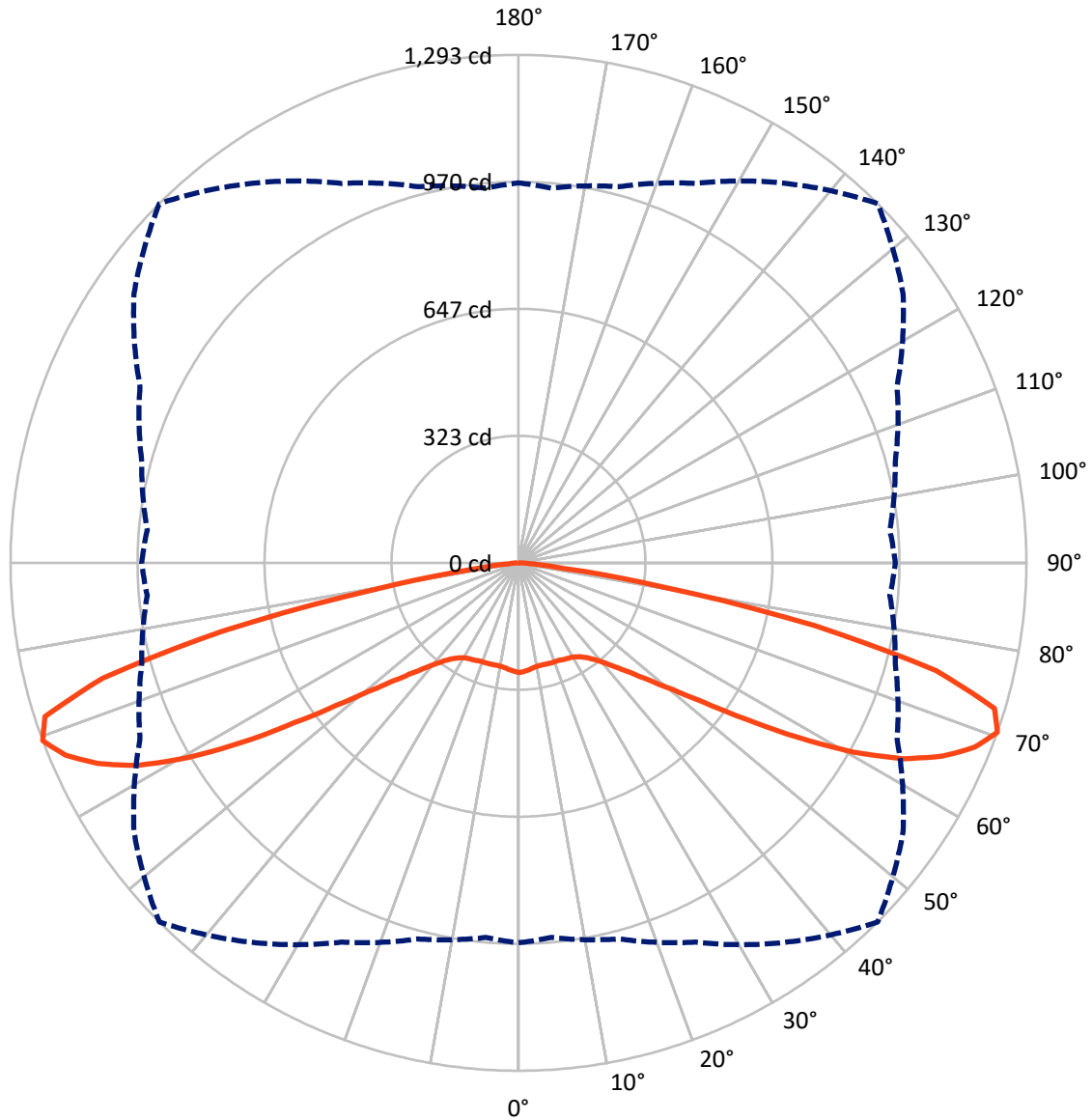
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.4 fc
 Type V - Short - N/A

REPORT NUMBER: P845821
CATALOG NUMBER: GLAN-SB1A-930-U-5WQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P845821
 CATALOG NUMBER: GLAN-SB1A-930-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1531.0	0.0	1531.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1531.0	0.0	1531.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3062.0	0.0	3062.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	0.8
10°-20°	76.3	2.5
20°-30°	127.0	4.1
30°-40°	192.0	6.3
40°-50°	319.1	10.4
50°-60°	602.1	19.7
60°-70°	1016.6	33.2
70°-80°	668.0	21.8
80°-90°	35.0	1.1
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°	3062.0	100.0
0°-180°	3062.0	100.0

Coefficient of Utilization



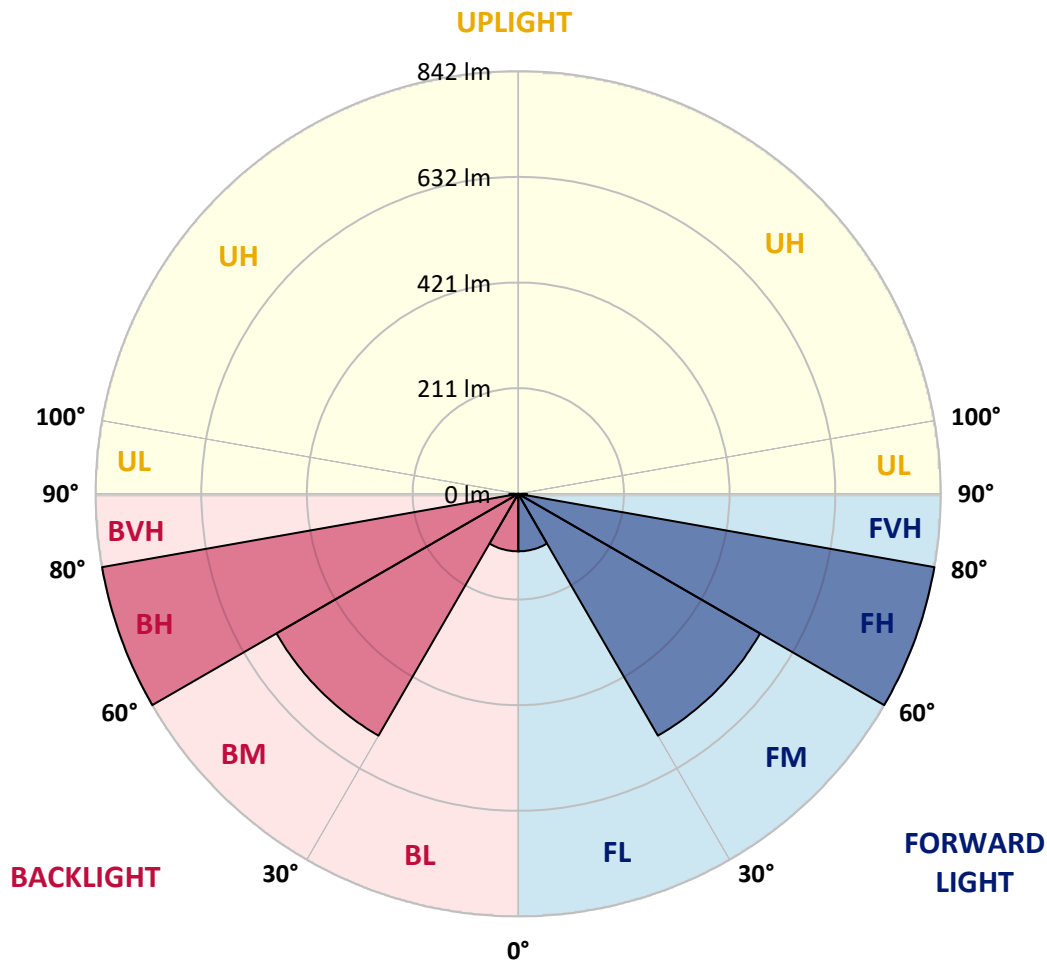
REPORT NUMBER: P845821
 CATALOG NUMBER: GLAN-SB1A-930-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	114.6	3.7			
FM (30°-60°)	556.6	18.2			
FH (60°-80°)	842.3	27.5			G1/1800
FVH (80°-90°)	17.5	0.6			G1/100
BL (0°-30°)	114.6	3.7	B1/500		
BM (30°-60°)	556.6	18.2	B1/1000		
BH (60°-80°)	842.3	27.5	B2/1000		G1/1800
BVH (80°-90°)	17.5	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



REPORT NUMBER: P845821
 CATALOG NUMBER: GLAN-SB1A-930-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	279.3	279.3	279.3	279.3	279.3	279.3	279.3	279.3	279.3	279.3
2.5°	277.6	278.4	278.0	277.4	277.4	276.9	277.4	277.7	278.2	278.5
5°	273.9	274.5	274.4	273.9	274.1	273.6	273.9	274.4	274.7	274.9
7.5°	270.7	271.4	271.0	270.2	270.2	269.8	269.9	270.4	270.9	271.0
10°	269.9	270.6	269.6	268.3	267.9	267.2	267.4	267.9	268.8	269.3
12.5°	270.2	270.7	269.8	267.9	267.4	266.7	266.7	267.2	268.5	269.1
15°	271.2	271.7	270.2	268.2	267.7	267.2	267.1	267.7	269.1	270.2
17.5°	272.9	273.4	271.2	268.3	267.7	267.9	267.7	268.2	270.4	272.5
20°	274.5	274.9	271.8	268.3	267.7	267.9	267.7	268.7	271.5	274.4
22.5°	275.0	275.3	272.5	269.4	269.0	269.1	269.0	269.9	272.6	275.5
25°	275.2	275.7	273.4	271.0	271.8	272.2	271.8	272.0	274.1	276.6
27.5°	277.6	278.2	276.1	274.1	274.5	274.4	274.9	275.3	276.9	279.5
30°	282.5	283.0	281.2	279.2	278.8	277.7	279.2	280.7	282.5	284.7
32.5°	290.6	291.6	289.3	287.1	285.7	285.0	286.2	288.9	291.3	293.6
35°	304.1	304.8	302.7	298.6	296.0	296.0	297.0	300.5	304.3	307.3
37.5°	323.2	324.0	320.4	315.4	311.6	311.6	312.9	316.6	322.3	326.6
40°	346.5	347.6	343.0	337.9	334.2	333.6	335.2	339.3	344.7	350.1
42.5°	374.5	375.8	369.7	365.3	362.4	362.4	363.2	367.0	371.9	378.6
45°	410.3	412.5	404.3	399.8	397.1	397.7	398.2	401.5	406.0	413.6
47.5°	453.0	455.2	446.4	441.8	441.3	444.4	442.4	444.8	447.2	456.0
50°	501.3	505.2	499.1	498.8	499.7	505.3	500.9	502.1	499.4	505.0
52.5°	560.5	566.1	565.0	566.9	577.6	589.0	578.8	574.4	564.2	566.0
55°	632.3	640.8	642.3	653.8	678.0	701.4	679.7	661.8	640.1	636.1
57.5°	714.0	720.7	728.3	751.7	796.9	838.4	796.9	757.1	723.0	714.9
60°	801.8	810.1	817.4	852.0	919.1	977.5	917.8	854.7	809.6	798.6
62.5°	896.2	906.9	912.0	950.3	1028.6	1098.3	1029.7	953.2	903.2	891.4
65°	986.8	995.5	1001.2	1042.1	1116.9	1186.8	1122.0	1046.6	995.2	979.8
67.5°	1028.9	1033.7	1047.7	1094.0	1173.0	1252.7	1186.3	1099.0	1041.5	1014.5
70°	967.2	957.5	991.2	1065.4	1179.7	1293.1	1194.9	1063.2	992.8	948.9
72.5°	747.4	730.7	789.2	916.1	1103.3	1267.3	1110.9	923.3	825.7	736.6
75°	406.6	387.7	468.6	629.0	879.8	1098.5	900.0	647.0	521.7	403.6
77.5°	114.8	107.6	172.8	304.3	529.2	771.3	549.6	311.0	205.0	121.6
80°	35.2	34.1	46.2	91.7	224.7	369.4	216.0	92.8	58.7	37.1
82.5°	20.8	19.1	22.9	33.4	57.3	116.0	55.7	34.9	28.0	18.8
85°	11.9	11.1	13.5	16.2	19.3	24.7	16.1	16.6	15.0	10.0
87.5°	4.9	4.5	5.3	5.1	4.5	5.7	4.3	5.1	6.0	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
279.3
278.4
274.9
271.0
269.3
269.3
270.4
272.5
274.5
275.5
276.5
278.8
284.2
292.7
306.2
325.0
348.4
378.2
413.3
453.4
501.7
560.1
629.9
709.2
789.1
881.9
972.1
1014.8
959.4
758.7
429.9
135.1
39.2
20.4
10.5
3.7
0.0

OF REPORT)