

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: P938863

Luminaire Tested: **GLAN-SB1A-940-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P938863
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-SB1A-940-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 4000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

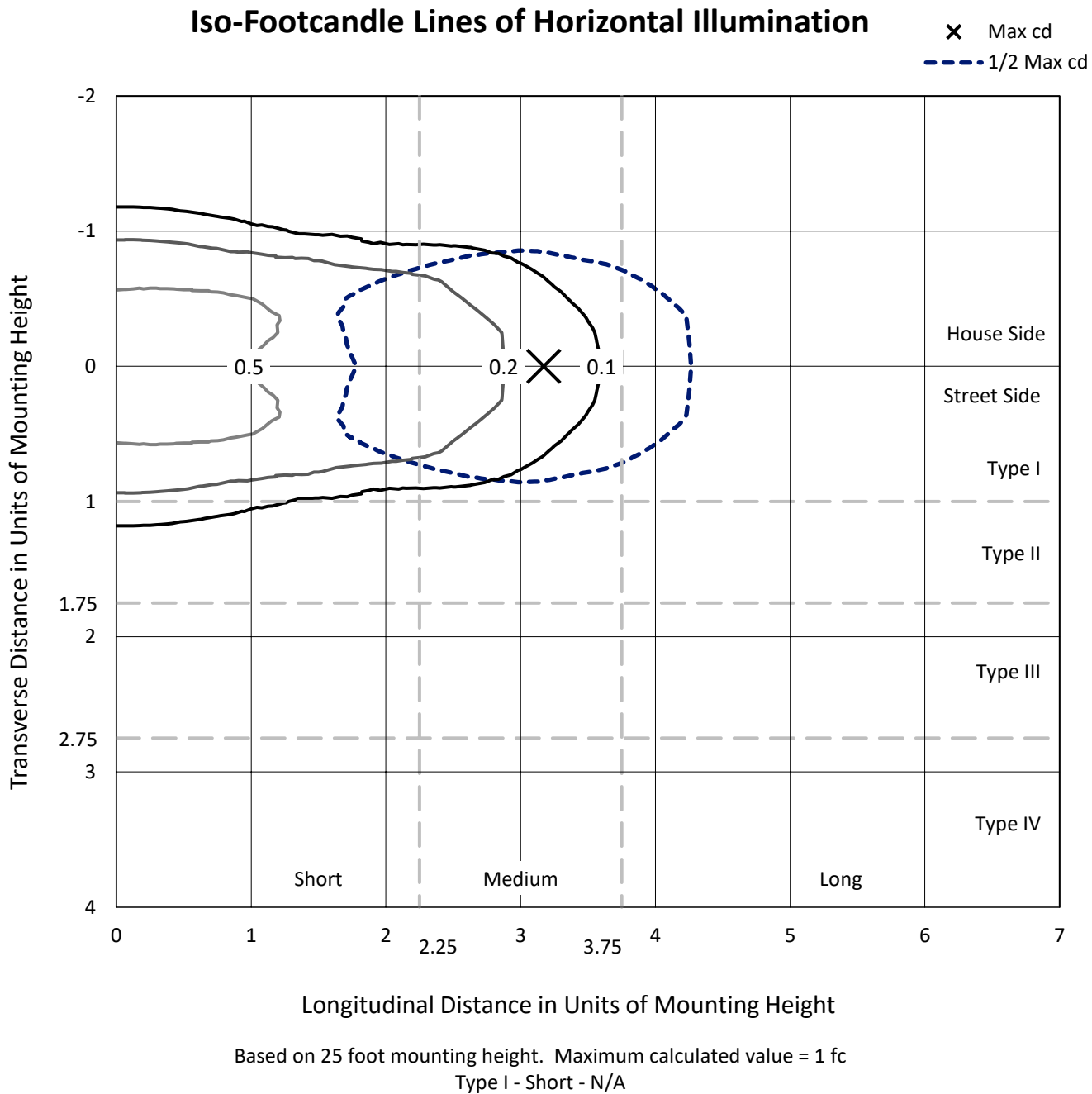
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3217 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

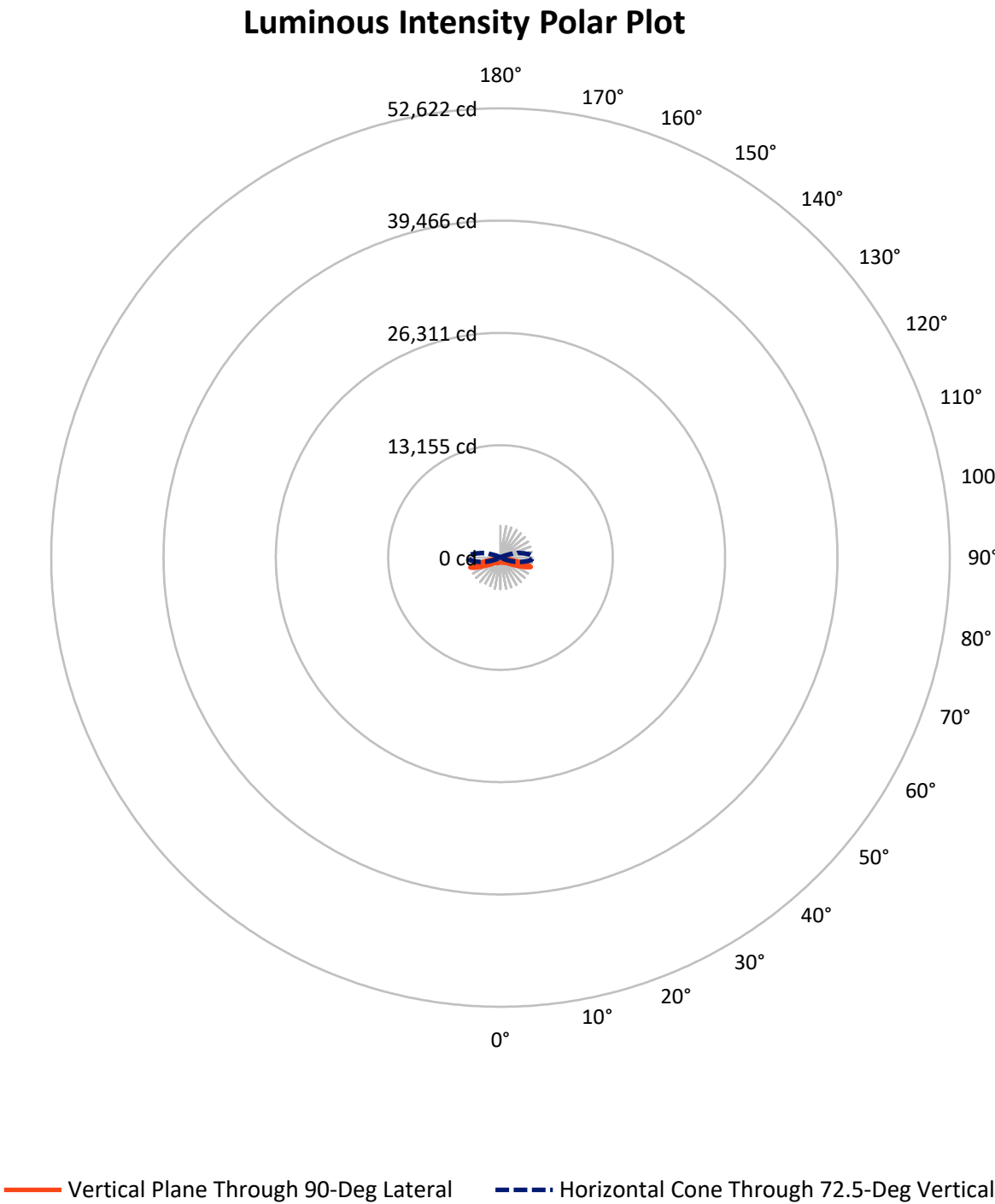
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P938863
CATALOG NUMBER: GLAN-SB1A-940-U-T1



REPORT NUMBER: P938863
CATALOG NUMBER: GLAN-SB1A-940-U-T1



REPORT NUMBER: P938863

CATALOG NUMBER: GLAN-SB1A-940-U-T1

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1608.5	0.0	1608.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1608.5	0.0	1608.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3217.0	0.0	3217.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.3	1.8
10°-20°	178.2	5.5
20°-30°	297.2	9.2
30°-40°	408.7	12.7
40°-50°	499.1	15.5
50°-60°	577.3	17.9
60°-70°	688.3	21.4
70°-80°	480.4	14.9
80°-90°	29.5	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°	3217.0	100.0
0°-180°	3217.0	100.0

Coefficient of Utilization



REPORT NUMBER: P938863

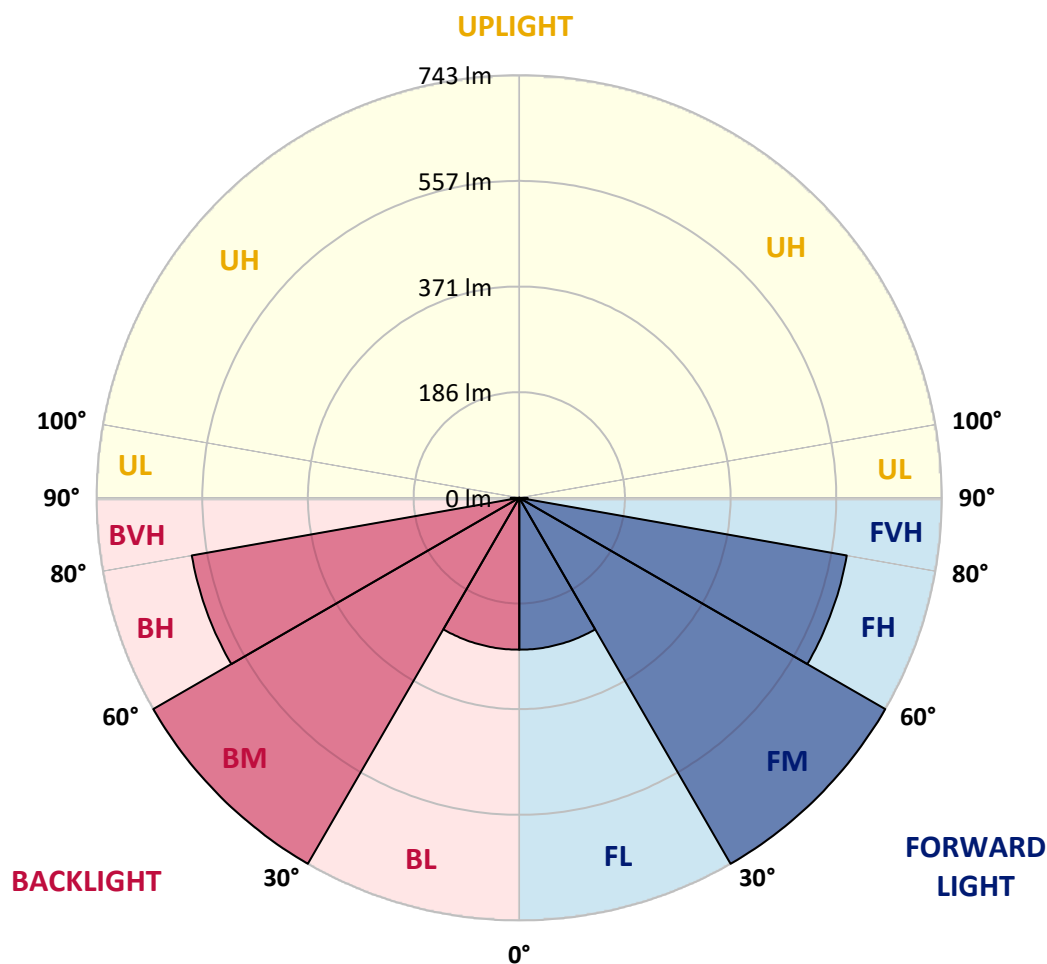
CATALOG NUMBER: GLAN-SB1A-940-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	266.8	8.3			
FM	(30°-60°)	742.6	23.1			
FH	(60°-80°)	584.4	18.2			G0/660
FVH	(80°-90°)	14.8	0.5			G1/100
BL	(0°-30°)	266.8	8.3	B1/500		
BM	(30°-60°)	742.6	23.1	B1/1000		
BH	(60°-80°)	584.4	18.2	B2/1000		G2/1000
BVH	(80°-90°)	14.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short



REPORT NUMBER: P938863

CATALOG NUMBER: GLAN-SB1A-940-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	601.1	601.1	601.1	601.1	601.1	601.1	601.1	601.1	601.1	601.1
2.5°	601.6	602.3	602.3	601.8	603.0	602.0	602.0	601.5	602.0	601.5
5°	604.7	605.6	605.9	605.7	607.3	606.4	606.4	605.7	605.9	605.4
7.5°	610.5	611.7	612.4	613.3	615.5	614.5	613.8	611.7	610.9	609.5
10°	612.4	613.8	616.0	620.5	625.6	625.8	623.7	618.6	614.6	611.6
12.5°	606.6	608.5	613.1	622.2	633.6	638.2	635.0	626.4	618.7	613.3
15°	599.2	601.3	608.3	622.0	638.9	649.7	649.3	638.1	625.8	617.2
17.5°	587.8	589.8	599.9	619.1	643.0	660.8	665.6	654.0	636.7	625.2
20°	567.1	569.0	583.0	609.8	644.4	672.6	685.1	674.8	653.3	637.7
22.5°	540.3	543.2	559.6	593.9	641.1	684.9	707.3	700.3	672.6	651.1
25°	511.5	514.6	533.8	574.5	632.8	693.8	733.6	729.2	694.5	667.6
27.5°	486.8	490.0	510.9	555.1	619.8	697.2	759.6	761.8	721.0	685.9
30°	467.3	470.3	492.6	539.6	603.0	693.8	782.4	797.7	748.0	701.8
32.5°	445.9	449.8	473.2	520.6	583.2	685.6	802.2	836.6	779.3	718.9
35°	418.9	422.5	447.1	494.6	557.2	672.4	818.8	879.6	824.1	744.9
37.5°	386.1	389.5	413.9	462.1	531.4	654.0	831.4	928.2	877.4	782.4
40°	353.1	356.3	379.2	425.9	500.4	630.4	835.9	975.7	938.6	833.8
42.5°	322.8	325.7	346.7	390.2	465.7	600.3	830.1	1017.1	993.5	869.7
45°	294.9	297.5	316.1	356.6	429.6	563.7	812.6	1061.6	1058.8	895.4
47.5°	263.1	265.7	285.0	324.2	393.6	520.8	783.0	1105.3	1149.6	953.5
50°	224.3	226.5	246.4	286.7	356.1	475.1	742.0	1139.7	1264.2	1041.5
52.5°	178.3	180.7	200.0	240.4	311.7	426.1	688.0	1162.1	1396.5	1170.1
55°	132.7	134.4	151.1	187.4	256.6	370.1	620.3	1168.4	1546.6	1345.9
57.5°	96.3	97.3	108.1	135.1	194.6	300.2	538.0	1152.0	1725.3	1571.2
60°	78.0	78.3	81.6	93.5	135.2	221.2	438.7	1095.6	1919.1	1861.7
62.5°	70.8	70.8	71.6	74.9	91.5	146.0	318.5	978.6	2127.0	2228.8
65°	65.8	65.8	66.2	67.7	72.1	93.0	201.1	788.2	2302.3	2658.8
67.5°	61.4	61.5	61.4	61.9	64.5	68.7	116.6	544.4	2396.7	3104.3
70°	56.8	57.1	56.2	56.2	58.3	58.5	73.0	298.5	2318.4	3477.7
72.5°	51.3	51.8	50.4	50.1	51.6	50.9	54.9	143.3	1990.4	3589.2
75°	46.5	47.2	44.1	43.3	43.3	42.7	44.6	73.5	1291.8	2927.9
77.5°	42.2	43.6	38.6	35.9	35.2	33.7	36.4	45.0	565.1	1374.6
80°	34.9	36.8	31.8	28.6	27.4	25.6	28.7	31.5	168.1	319.2
82.5°	26.0	26.8	22.6	20.3	19.3	18.1	21.5	21.9	54.7	113.0
85°	16.6	16.9	13.8	12.0	11.5	10.9	13.7	12.0	20.9	83.1
87.5°	5.8	6.7	5.3	4.8	5.1	4.3	6.3	3.6	5.8	58.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

601.1
601.5
605.4
609.5
611.0
612.4
615.8
623.4
634.8
647.1
662.2
680.1
693.5
708.3
733.1
766.6
817.1
848.2
866.3
920.0
999.5
1118.3
1281.1
1489.7
1758.9
2091.1
2484.7
2916.4
3428.3
3719.1
3131.7
1346.0
305.7
127.7
120.7
72.7
0.0