

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: P846034

Luminaire Tested: **GLAN-SB1C-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846034
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-SB1C-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5795 lumens
Efficiency: N/A
Efficacy: 106.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

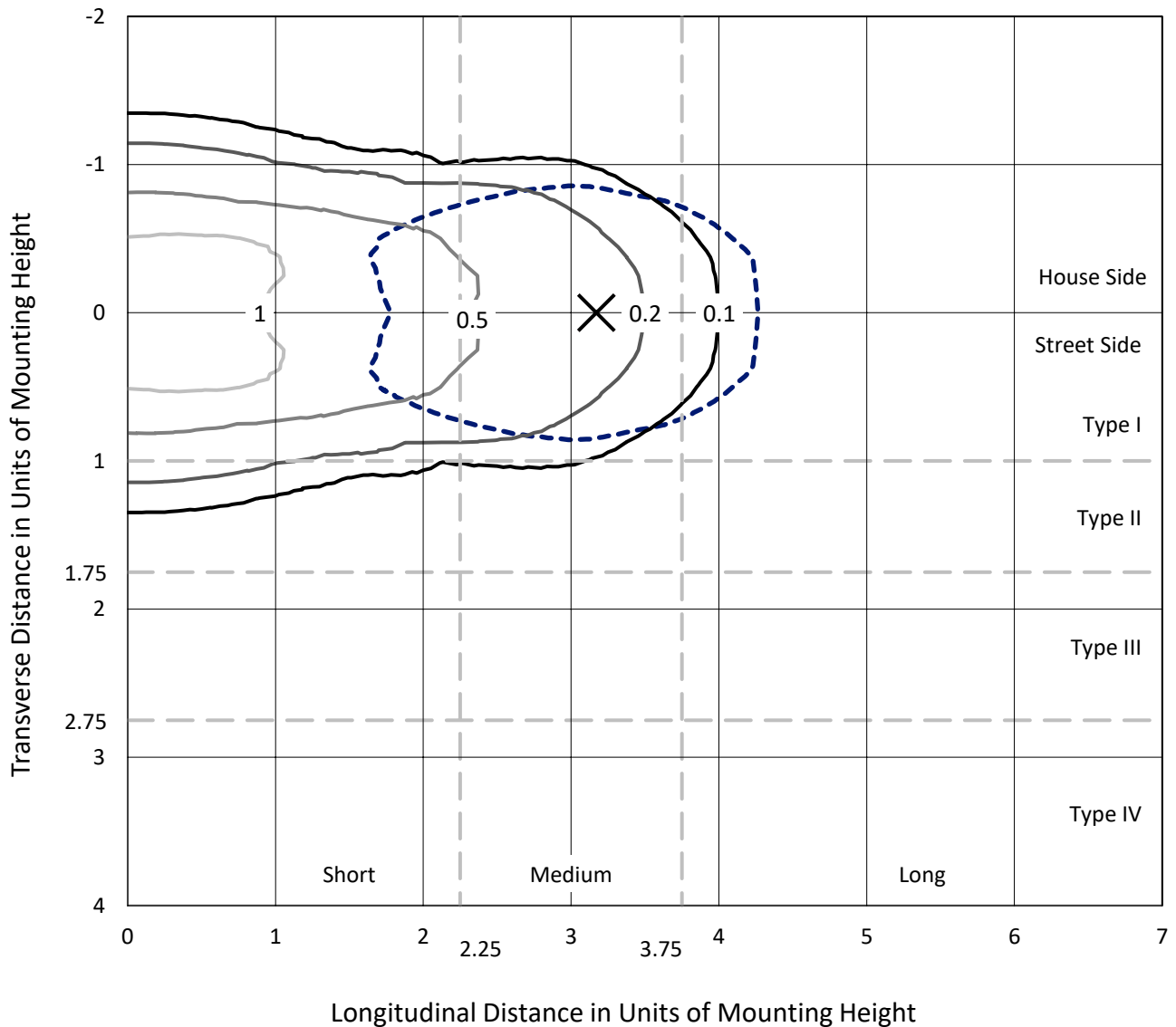
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P846034
 CATALOG NUMBER: GLAN-SB1C-722-U-T1

Iso-Footcandle Lines of Horizontal Illumination

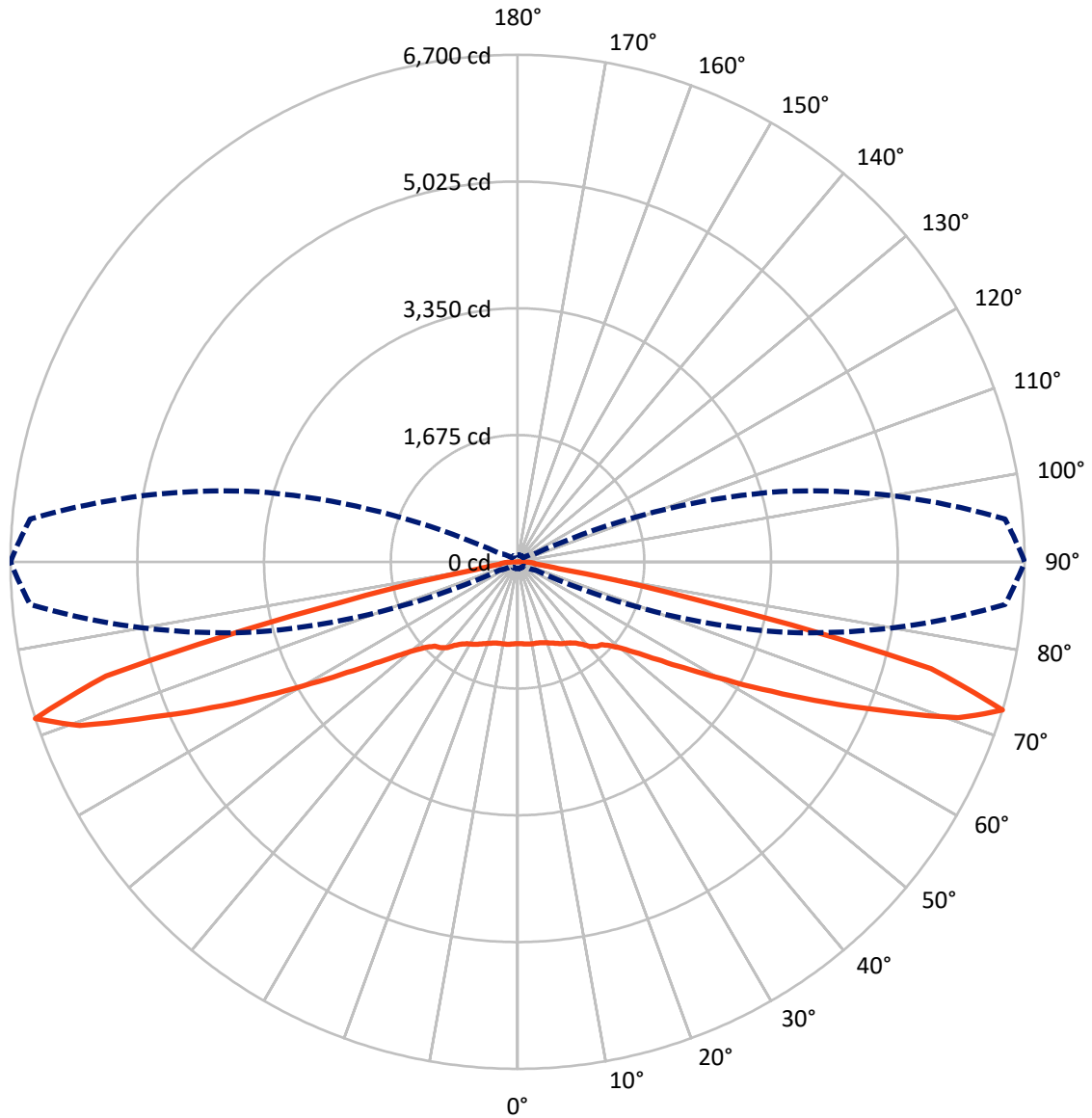
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type I - Short - N/A

REPORT NUMBER: P846034
CATALOG NUMBER: GLAN-SB1C-722-U-T1

Luminous Intensity Polar Plot



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

REPORT NUMBER: P846034
 CATALOG NUMBER: GLAN-SB1C-722-U-T1

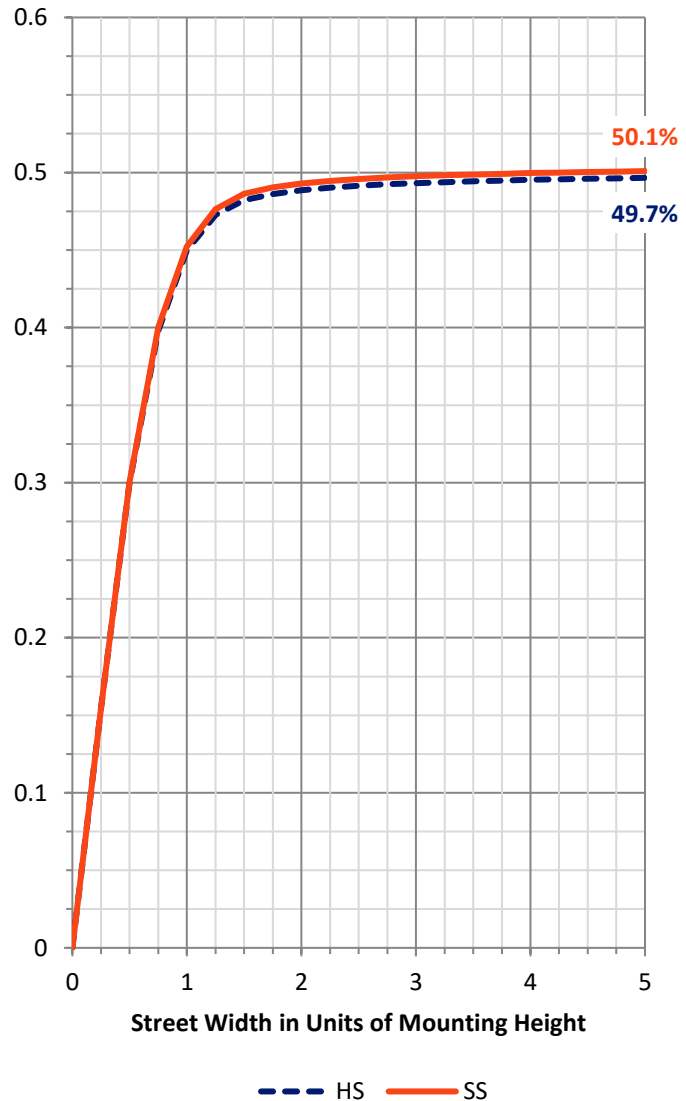
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2897.5	0.0	2897.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2897.5	0.0	2897.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5795.0	0.0	5795.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.0	1.8
10°-20°	321.0	5.5
20°-30°	535.3	9.2
30°-40°	736.2	12.7
40°-50°	899.1	15.5
50°-60°	1039.9	17.9
60°-70°	1239.9	21.4
70°-80°	865.4	14.9
80°-90°	53.2	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°	5795.0	100.0
0°-180°	5795.0	100.0

Coefficient of Utilization



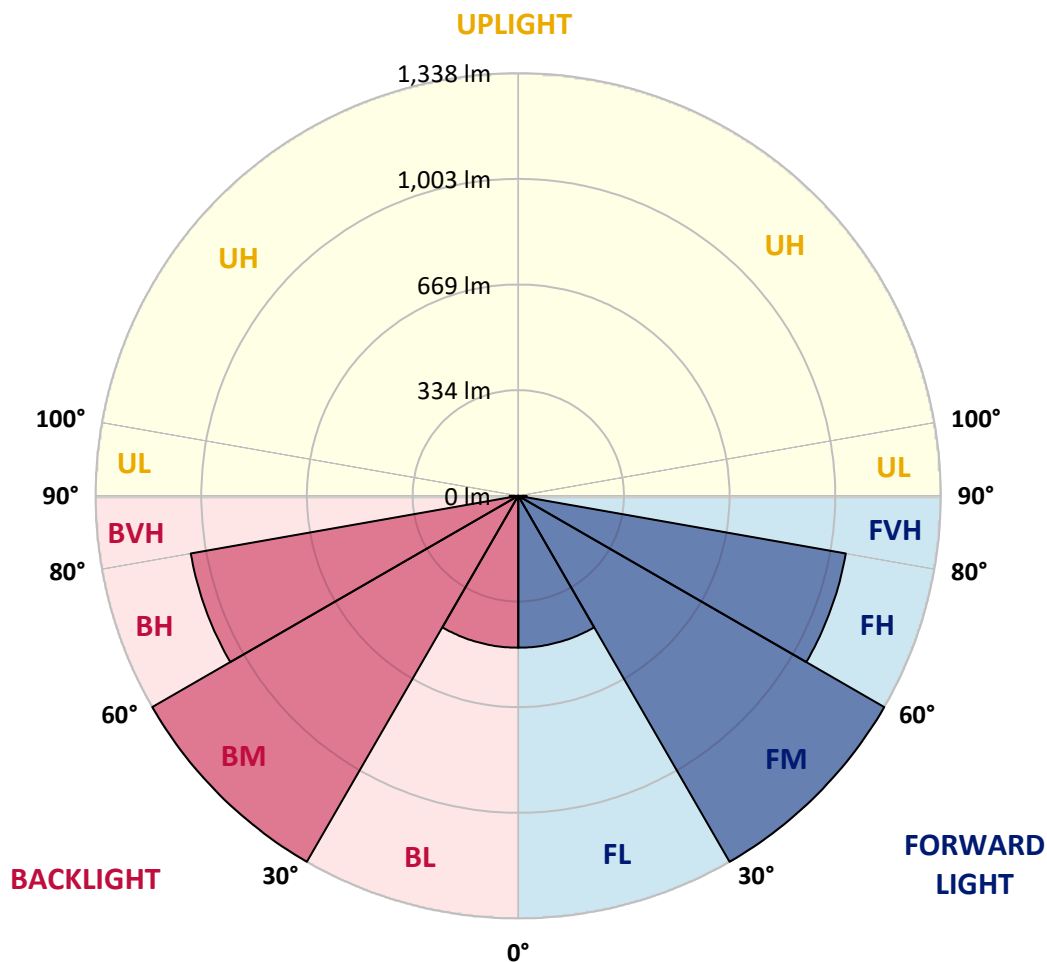
REPORT NUMBER: P846034
 CATALOG NUMBER: GLAN-SB1C-722-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	480.7	8.3			
FM (30°-60°)	1337.6	23.1			
FH (60°-80°)	1052.7	18.2			G1/1800
FVH (80°-90°)	26.6	0.5			G1/100
BL (0°-30°)	480.7	8.3	B1/500		
BM (30°-60°)	1337.6	23.1	B2/2500		
BH (60°-80°)	1052.7	18.2	B3/2500		G3/2500
BVH (80°-90°)	26.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



REPORT NUMBER: P846034
 CATALOG NUMBER: GLAN-SB1C-722-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1082.9	1082.9	1082.9	1082.9	1082.9	1082.9	1082.9	1082.9	1082.9	1082.9
2.5°	1083.8	1085.0	1085.0	1084.1	1086.2	1084.4	1084.4	1083.5	1084.4	1083.5
5°	1089.3	1090.9	1091.5	1091.2	1093.9	1092.4	1092.4	1091.2	1091.5	1090.6
7.5°	1099.8	1102.0	1103.2	1104.7	1108.7	1106.9	1105.6	1102.0	1100.4	1097.9
10°	1103.2	1105.6	1109.7	1117.7	1126.9	1127.2	1123.5	1114.3	1107.2	1101.6
12.5°	1092.7	1096.1	1104.4	1120.7	1141.4	1149.7	1143.8	1128.4	1114.6	1104.7
15°	1079.5	1083.2	1095.8	1120.4	1150.9	1170.3	1169.7	1149.4	1127.2	1111.8
17.5°	1058.8	1062.5	1080.7	1115.2	1158.3	1190.3	1199.0	1178.0	1146.9	1126.3
20°	1021.6	1025.0	1050.2	1098.6	1160.8	1211.6	1234.1	1215.6	1176.8	1148.8
22.5°	973.2	978.5	1008.0	1069.9	1154.9	1233.8	1274.1	1261.5	1211.6	1172.8
25°	921.5	927.0	961.5	1034.8	1139.8	1249.8	1321.5	1313.5	1251.0	1202.7
27.5°	876.8	882.7	920.2	1000.0	1116.4	1255.9	1368.4	1372.4	1298.8	1235.6
30°	841.7	847.3	887.3	972.0	1086.2	1249.8	1409.3	1437.0	1347.4	1264.3
32.5°	803.2	810.3	852.5	937.8	1050.5	1235.0	1445.0	1506.9	1403.8	1295.1
35°	754.6	761.0	805.4	891.0	1003.7	1211.3	1474.9	1584.6	1484.5	1341.9
37.5°	695.4	701.6	745.6	832.5	957.2	1178.0	1497.7	1672.0	1580.6	1409.3
40°	636.0	641.8	683.1	767.2	901.5	1135.5	1505.7	1757.6	1690.8	1502.0
42.5°	581.5	586.7	624.6	702.8	838.9	1081.3	1495.2	1832.2	1789.7	1566.7
45°	531.3	535.9	569.5	642.4	774.0	1015.4	1463.8	1912.2	1907.3	1612.9
47.5°	474.0	478.6	513.4	583.9	709.0	938.1	1410.5	1991.1	2070.9	1717.6
50°	404.1	408.1	443.8	516.5	641.5	855.9	1336.6	2053.0	2277.2	1876.2
52.5°	321.2	325.5	360.3	433.0	561.4	767.5	1239.3	2093.3	2515.6	2107.8
55°	239.0	242.1	272.3	337.5	462.3	666.8	1117.4	2104.7	2786.0	2424.4
57.5°	173.4	175.2	194.6	243.3	350.5	540.8	969.2	2075.2	3107.8	2830.3
60°	140.4	141.1	146.9	168.5	243.6	398.5	790.3	1973.5	3457.1	3353.6
62.5°	127.5	127.5	129.0	134.9	164.8	263.0	573.8	1762.9	3831.6	4014.8
65°	118.6	118.6	119.2	122.0	130.0	167.5	362.2	1419.8	4147.3	4789.4
67.5°	110.6	110.9	110.6	111.5	116.1	123.8	210.0	980.6	4317.3	5592.0
70°	102.2	102.9	101.3	101.3	105.0	105.3	131.5	537.7	4176.2	6264.6
72.5°	92.4	93.3	90.9	90.2	93.0	91.8	98.9	258.1	3585.5	6465.4
75°	83.8	85.0	79.5	77.9	77.9	77.0	80.4	132.4	2327.1	5274.2
77.5°	76.1	78.5	69.6	64.7	63.4	60.7	65.6	81.0	1017.9	2476.2
80°	62.8	66.2	57.3	51.4	49.3	46.2	51.7	56.7	302.7	575.0
82.5°	46.8	48.4	40.7	36.6	34.8	32.6	38.8	39.4	98.6	203.6
85°	29.9	30.5	24.9	21.6	20.6	19.7	24.6	21.6	37.6	149.7
87.5°	10.5	12.0	9.5	8.6	9.2	7.7	11.4	6.5	10.5	105.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1082.9
1083.5
1090.6
1097.9
1100.7
1103.2
1109.3
1122.9
1143.5
1165.7
1192.8
1225.1
1249.2
1276.0
1320.6
1381.0
1471.8
1527.9
1560.5
1657.2
1800.4
2014.5
2307.7
2683.4
3168.5
3766.9
4475.9
5253.5
6175.6
6699.5
5641.3
2424.7
550.7
230.1
217.4
130.9
0.0

OF REPORT)