

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: P846504

Luminaire Tested: **GLAN-SB2A-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846504
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-SB2A-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5987 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

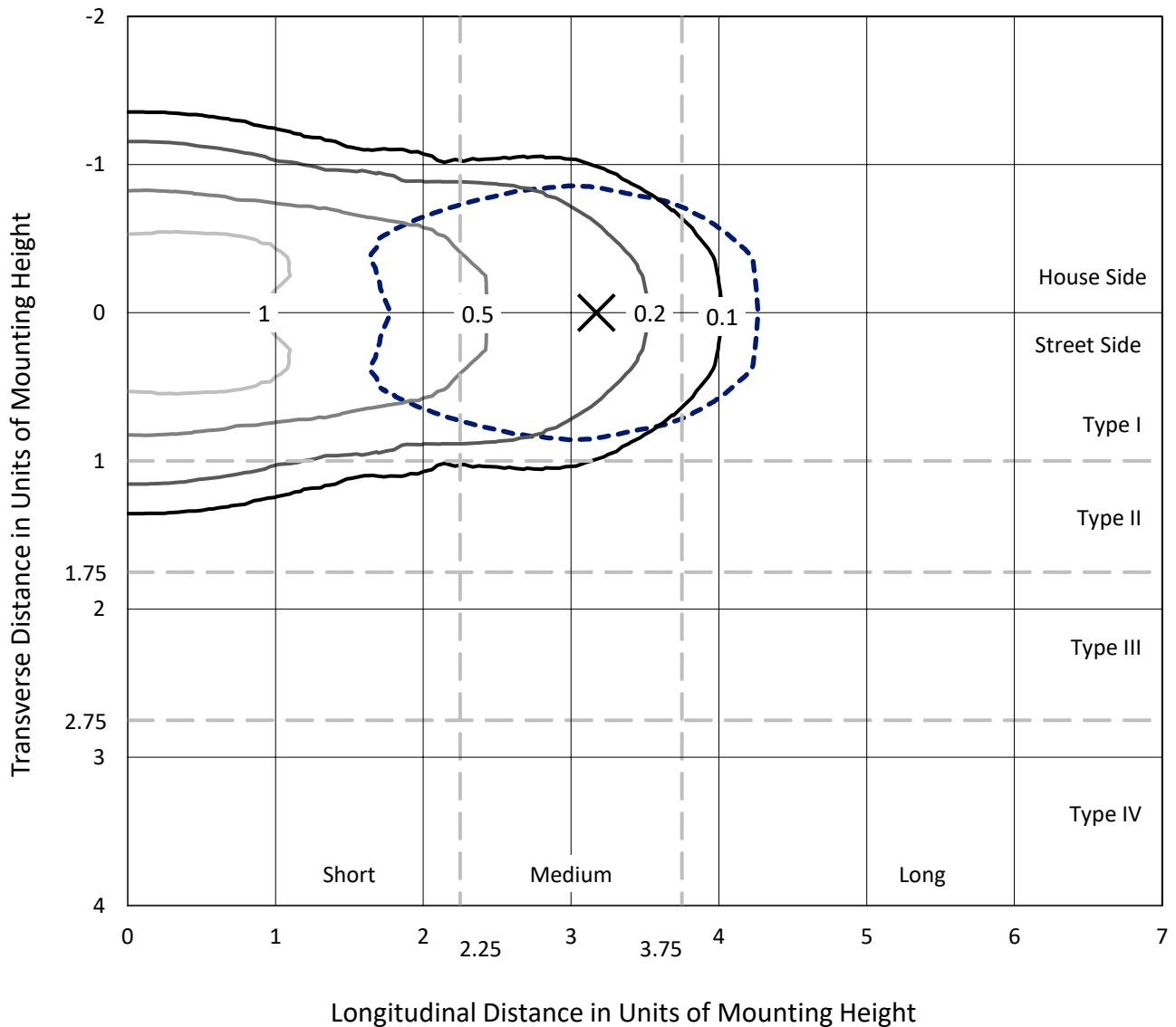
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

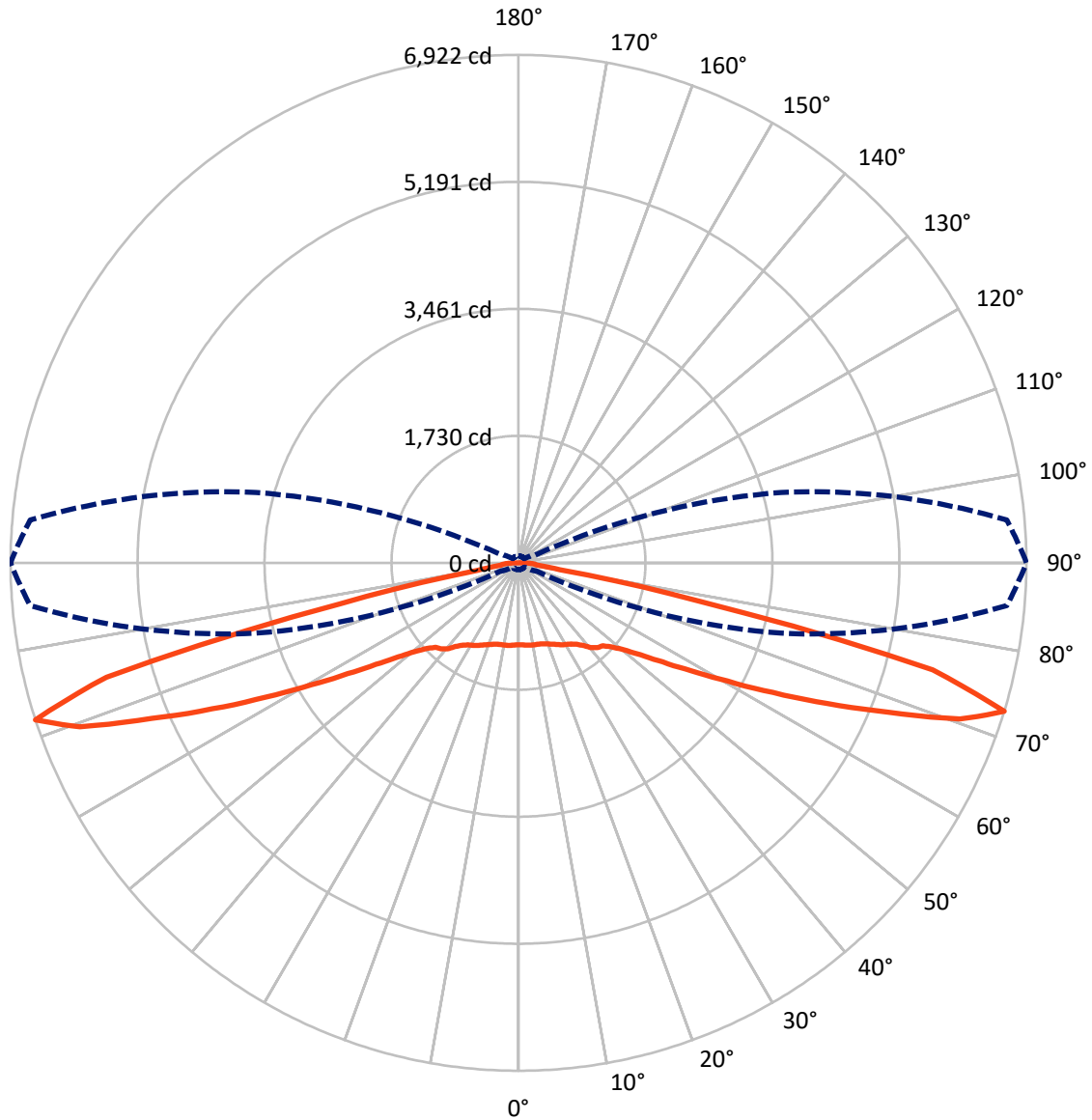
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 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	2993.5	0.0	2993.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2993.5	0.0	2993.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5987.0	0.0	5987.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.5	1.8
10°-20°	331.7	5.5
20°-30°	553.0	9.2
30°-40°	760.6	12.7
40°-50°	928.9	15.5
50°-60°	1074.4	17.9
60°-70°	1281.0	21.4
70°-80°	894.0	14.9
80°-90°	54.9	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°	5987.0	100.0
0°-180°	5987.0	100.0

Coefficient of Utilization

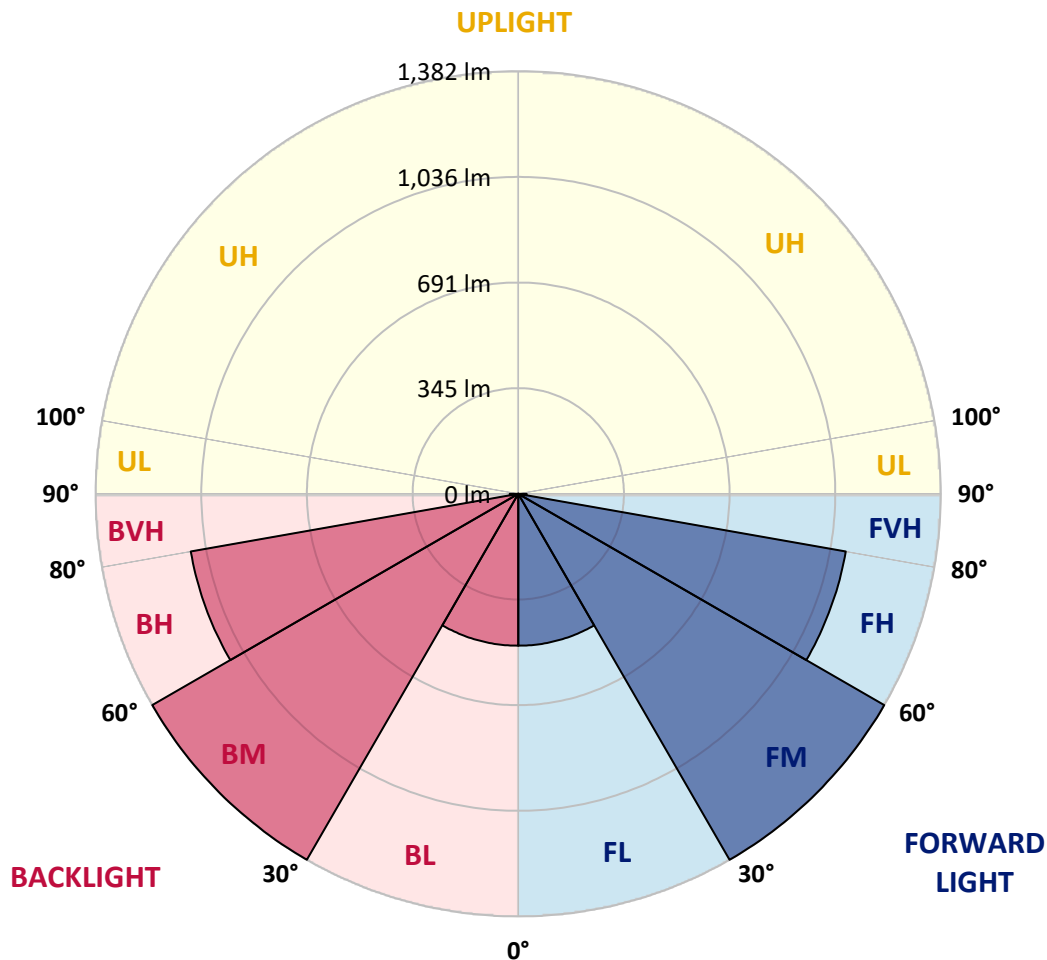


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	496.6	8.3			
FM (30°-60°)	1381.9	23.1			
FH (60°-80°)	1087.5	18.2			G1/1800
FVH (80°-90°)	27.5	0.5			G1/100
BL (0°-30°)	496.6	8.3	B1/500		
BM (30°-60°)	1381.9	23.1	B2/2500		
BH (60°-80°)	1087.5	18.2	B3/2500		G3/2500
BVH (80°-90°)	27.5	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1118.7	1118.7	1118.7	1118.7	1118.7	1118.7	1118.7	1118.7	1118.7	1118.7
2.5°	1119.7	1121.0	1121.0	1120.0	1122.2	1120.3	1120.3	1119.4	1120.3	1119.4
5°	1125.4	1127.0	1127.6	1127.3	1130.2	1128.6	1128.6	1127.3	1127.6	1126.7
7.5°	1136.2	1138.5	1139.7	1141.3	1145.5	1143.6	1142.3	1138.5	1136.9	1134.3
10°	1139.7	1142.3	1146.4	1154.7	1164.2	1164.6	1160.7	1151.2	1143.9	1138.1
12.5°	1128.9	1132.4	1141.0	1157.9	1179.2	1187.8	1181.7	1165.8	1151.5	1141.3
15°	1115.2	1119.1	1132.1	1157.6	1189.1	1209.1	1208.5	1187.5	1164.6	1148.6
17.5°	1093.9	1097.7	1116.5	1152.1	1196.7	1229.8	1238.7	1217.1	1184.9	1163.6
20°	1055.4	1058.9	1085.0	1135.0	1199.2	1251.7	1275.0	1255.9	1215.8	1186.8
22.5°	1005.5	1010.9	1041.4	1105.4	1193.2	1274.6	1316.3	1303.3	1251.7	1211.6
25°	952.0	957.7	993.4	1069.1	1177.6	1291.2	1365.3	1357.1	1292.5	1242.5
27.5°	905.9	911.9	950.7	1033.1	1153.4	1297.6	1413.7	1417.8	1341.8	1276.6
30°	869.6	875.3	916.7	1004.2	1122.2	1291.2	1456.0	1484.6	1392.1	1306.1
32.5°	829.8	837.1	880.7	968.9	1085.3	1275.9	1492.9	1556.9	1450.3	1338.0
35°	779.6	786.2	832.1	920.5	1037.0	1251.4	1523.8	1637.1	1533.6	1386.3
37.5°	718.5	724.8	770.3	860.1	988.9	1217.1	1547.3	1727.4	1632.9	1456.0
40°	657.0	663.1	705.7	792.6	931.3	1173.1	1555.6	1815.9	1746.8	1551.8
42.5°	600.7	606.1	645.3	726.1	866.7	1117.1	1544.8	1892.9	1849.0	1618.6
45°	548.9	553.6	588.3	663.7	799.6	1049.1	1512.3	1975.6	1970.5	1666.3
47.5°	489.7	494.5	530.4	603.3	732.5	969.2	1457.3	2057.1	2139.5	1774.5
50°	417.5	421.6	458.5	533.6	662.8	884.2	1380.9	2121.0	2352.7	1938.4
52.5°	331.9	336.3	372.3	447.4	580.0	792.9	1280.4	2162.7	2598.9	2177.6
55°	246.9	250.1	281.3	348.7	477.6	688.9	1154.4	2174.5	2878.3	2504.7
57.5°	179.1	181.0	201.1	251.4	362.1	558.7	1001.3	2143.9	3210.8	2924.1
60°	145.1	145.7	151.8	174.0	251.7	411.7	816.5	2038.9	3571.6	3464.7
62.5°	131.7	131.7	133.3	139.4	170.2	271.7	592.8	1821.3	3958.5	4147.8
65°	122.5	122.5	123.1	126.0	134.3	173.1	374.2	1466.8	4284.7	4948.1
67.5°	114.2	114.5	114.2	115.2	120.0	127.9	217.0	1013.1	4460.3	5777.3
70°	105.6	106.3	104.7	104.7	108.5	108.8	135.9	555.5	4314.6	6472.2
72.5°	95.5	96.4	93.9	93.2	96.1	94.8	102.1	266.6	3704.3	6679.6
75°	86.5	87.8	82.1	80.5	80.5	79.5	83.0	136.8	2404.2	5448.9
77.5°	78.6	81.1	71.9	66.8	65.5	62.7	67.8	83.7	1051.6	2558.2
80°	64.9	68.4	59.2	53.1	50.9	47.7	53.5	58.5	312.8	594.0
82.5°	48.4	50.0	42.0	37.9	36.0	33.7	40.1	40.7	101.8	210.3
85°	30.9	31.5	25.8	22.3	21.3	20.4	25.5	22.3	38.8	154.6
87.5°	10.8	12.4	9.9	8.9	9.5	8.0	11.8	6.7	10.8	109.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1118.7
1119.4
1126.7
1134.3
1137.2
1139.7
1146.1
1160.1
1181.4
1204.3
1232.3
1265.7
1290.6
1318.2
1364.4
1426.7
1520.6
1578.5
1612.2
1712.1
1860.1
2081.2
2384.2
2772.3
3273.5
3891.7
4624.2
5427.6
6380.2
6921.5
5828.2
2505.1
568.9
237.7
224.6
135.2
0.0

OF REPORT)