

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: P847351

Luminaire Tested: **GLAN-SB3B-930-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847351
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-SB3B-930-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11529 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

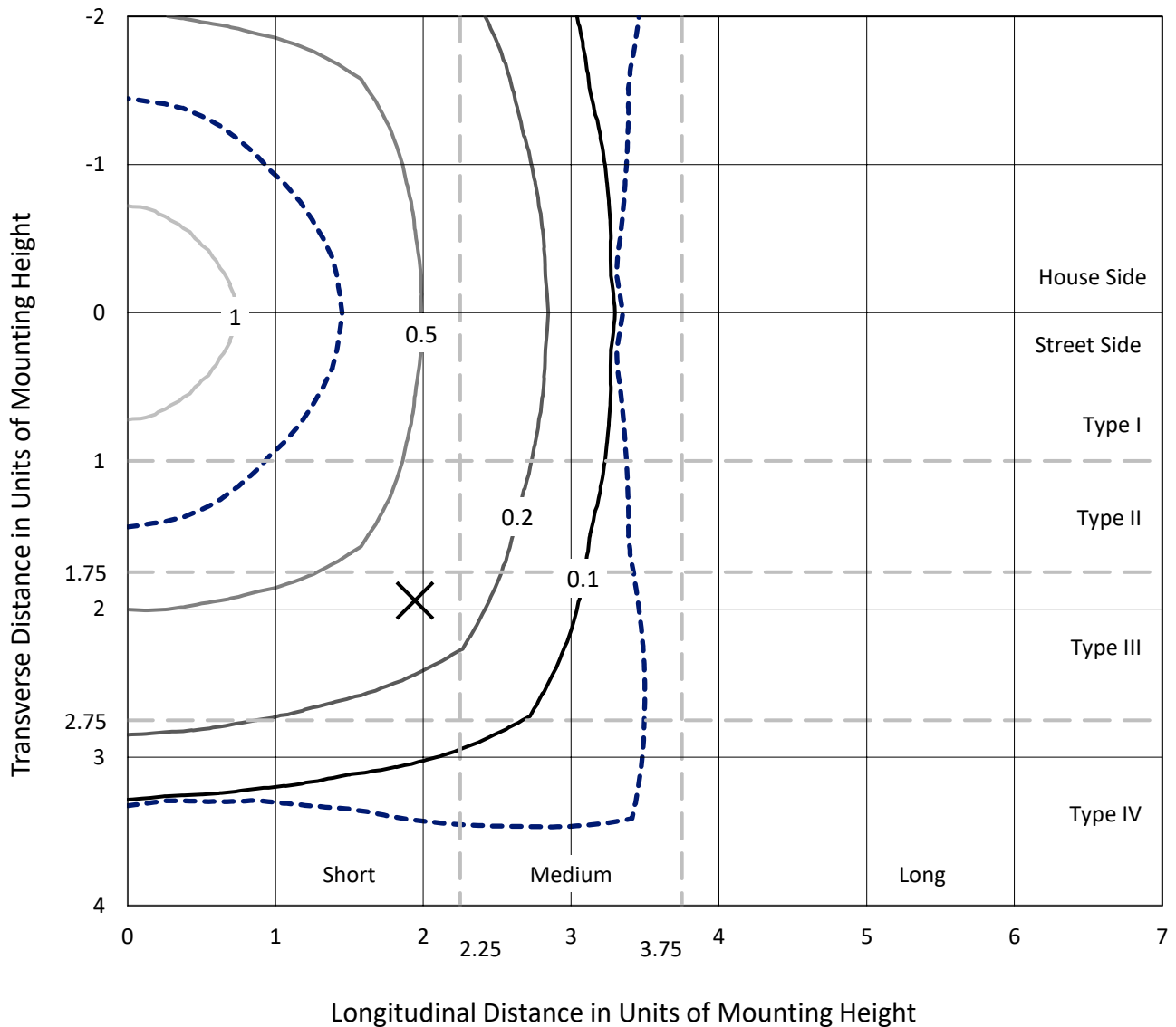
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

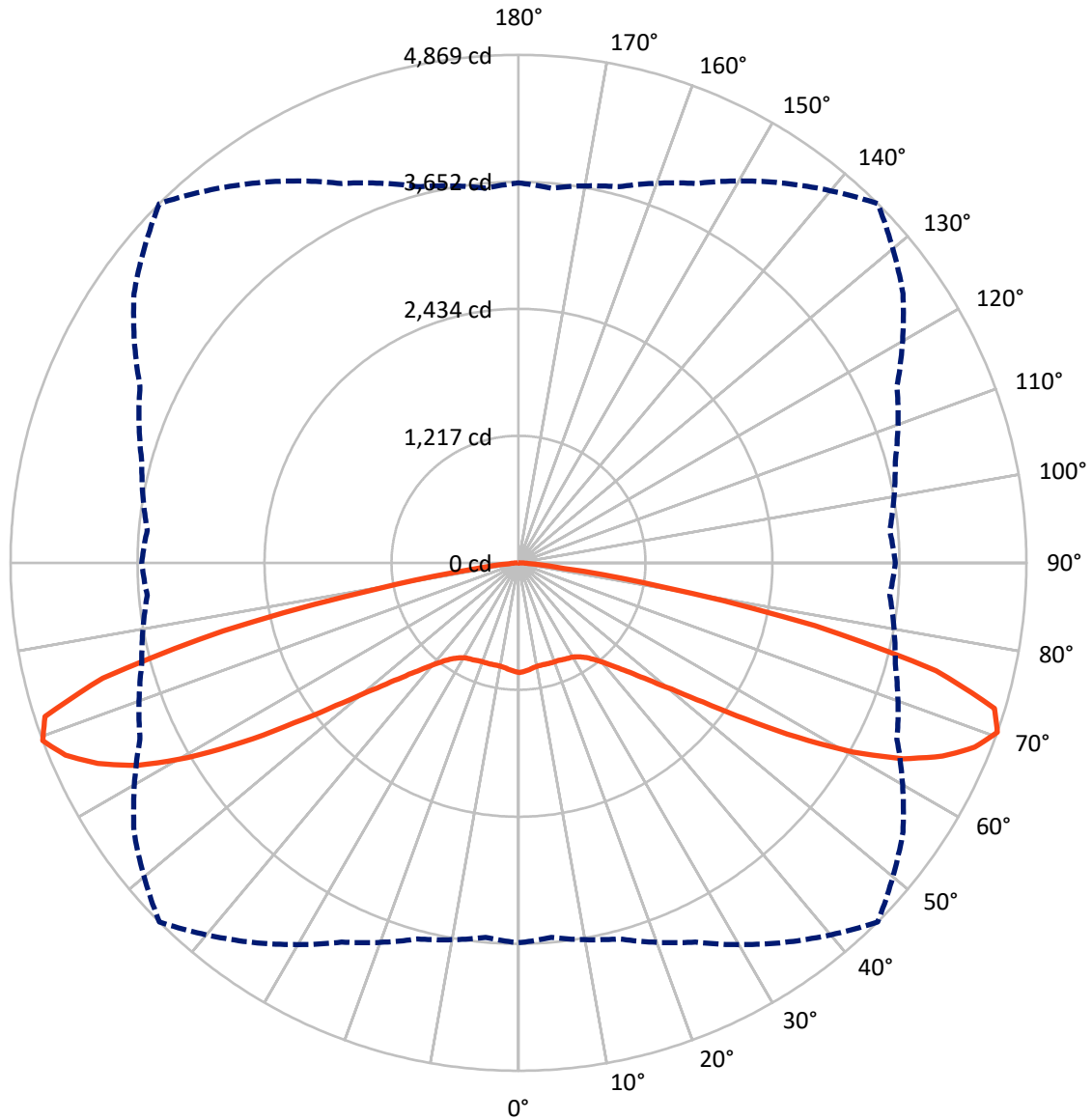
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5764.5	0.0	5764.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5764.5	0.0	5764.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	11529.0	0.0	11529.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.8	0.8
10°-20°	287.2	2.5
20°-30°	478.0	4.1
30°-40°	722.9	6.3
40°-50°	1201.3	10.4
50°-60°	2266.9	19.7
60°-70°	3827.7	33.2
70°-80°	2515.2	21.8
80°-90°	131.8	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°	11529.0	100.0
0°-180°	11529.0	100.0

Coefficient of Utilization



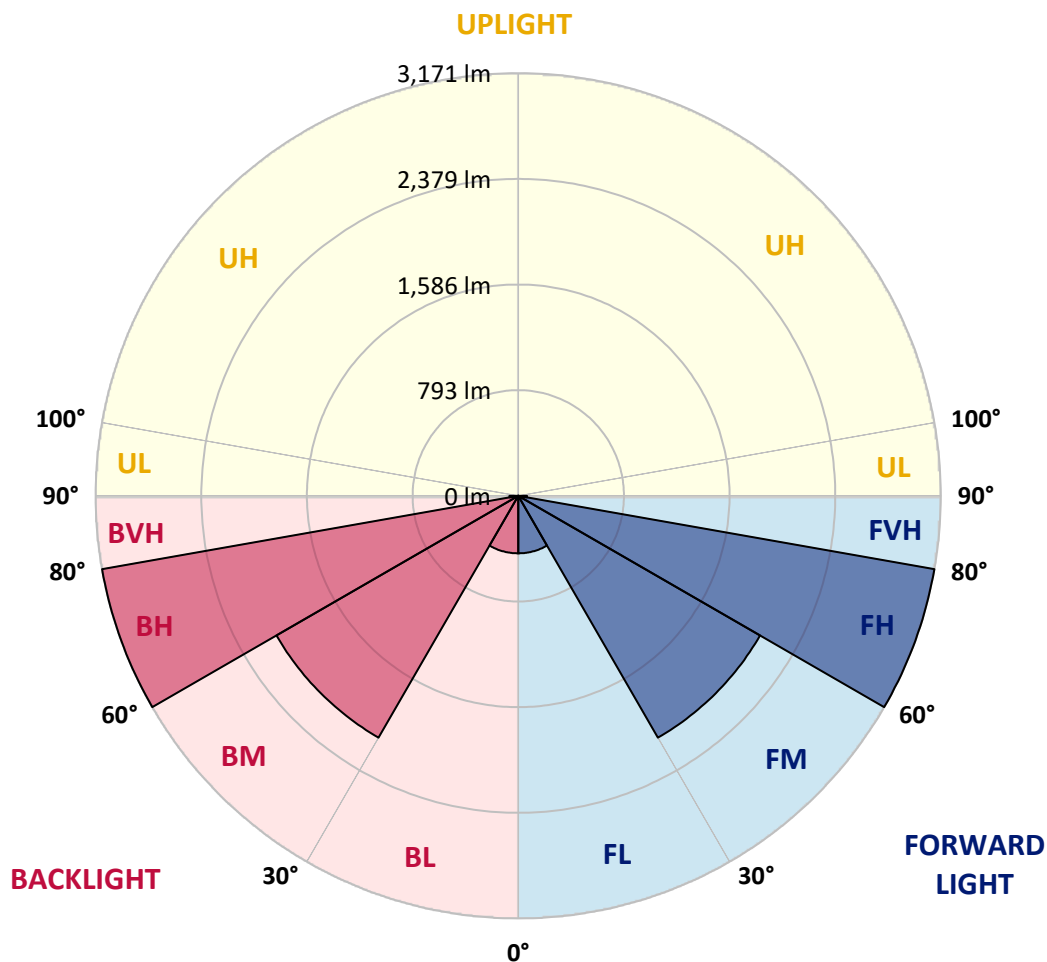
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	431.6	3.7			
FM (30°-60°)	2095.6	18.2			
FH (60°-80°)	3171.5	27.5			G2/5000
FVH (80°-90°)	65.9	0.6			G1/100
BL (0°-30°)	431.6	3.7	B1/500		
BM (30°-60°)	2095.6	18.2	B2/2500		
BH (60°-80°)	3171.5	27.5	B4/5000		G2/5000
BVH (80°-90°)	65.9	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1051.7	1051.7	1051.7	1051.7	1051.7	1051.7	1051.7	1051.7	1051.7	1051.7
2.5°	1045.1	1048.1	1046.9	1044.5	1044.5	1042.7	1044.5	1045.7	1047.5	1048.7
5°	1031.3	1033.7	1033.1	1031.3	1031.9	1030.1	1031.3	1033.1	1034.3	1034.9
7.5°	1019.3	1021.7	1020.5	1017.5	1017.5	1015.7	1016.3	1018.1	1019.9	1020.5
10°	1016.3	1018.7	1015.1	1010.3	1008.5	1006.1	1006.7	1008.5	1012.1	1013.9
12.5°	1017.5	1019.3	1015.7	1008.5	1006.7	1004.3	1004.3	1006.1	1010.9	1013.3
15°	1021.1	1022.9	1017.5	1009.7	1007.9	1006.1	1005.5	1007.9	1013.3	1017.5
17.5°	1027.7	1029.5	1021.1	1010.3	1007.9	1008.5	1007.9	1009.7	1018.1	1025.9
20°	1033.7	1034.9	1023.5	1010.3	1007.9	1008.5	1007.9	1011.5	1022.3	1033.1
22.5°	1035.5	1036.7	1025.9	1014.5	1012.7	1013.3	1012.7	1016.3	1026.5	1037.3
25°	1036.1	1037.9	1029.5	1020.5	1023.5	1024.7	1023.5	1024.1	1031.9	1041.5
27.5°	1045.1	1047.5	1039.7	1031.9	1033.7	1033.1	1034.9	1036.7	1042.7	1052.3
30°	1063.7	1065.5	1058.9	1051.1	1049.9	1045.7	1051.1	1057.1	1063.7	1072.1
32.5°	1094.2	1097.8	1089.4	1081.0	1075.6	1073.2	1077.4	1087.6	1096.6	1105.6
35°	1145.2	1147.6	1139.8	1124.2	1114.6	1114.6	1118.2	1131.4	1145.8	1157.1
37.5°	1217.1	1220.1	1206.3	1187.7	1173.3	1173.3	1178.1	1191.9	1213.5	1229.7
40°	1304.6	1308.8	1291.4	1272.2	1258.4	1256.0	1262.0	1277.6	1298.0	1318.3
42.5°	1410.0	1414.8	1392.0	1375.3	1364.5	1364.5	1367.5	1381.9	1400.4	1425.6
45°	1544.9	1553.2	1522.1	1505.3	1495.1	1497.5	1499.3	1511.9	1528.7	1557.4
47.5°	1705.5	1713.8	1680.9	1663.5	1661.7	1673.1	1665.9	1674.9	1683.9	1716.8
50°	1887.6	1902.0	1879.2	1878.0	1881.6	1902.6	1885.8	1890.6	1880.4	1901.4
52.5°	2110.5	2131.5	2127.3	2134.5	2174.7	2217.8	2179.5	2162.7	2124.3	2130.9
55°	2380.8	2412.6	2418.6	2461.7	2552.8	2640.9	2559.4	2491.7	2410.2	2395.2
57.5°	2688.2	2713.4	2742.2	2830.2	3000.4	3156.8	3000.4	2850.6	2722.4	2691.8
60°	3019.0	3050.2	3077.7	3207.8	3460.6	3680.6	3455.9	3218.0	3048.4	3007.0
62.5°	3374.4	3414.5	3433.7	3578.1	3872.9	4135.4	3877.1	3588.9	3400.7	3356.4
65°	3715.3	3748.3	3769.9	3923.9	4205.5	4468.6	4224.7	3940.6	3747.1	3689.0
67.5°	3874.1	3892.1	3944.8	4119.2	4416.4	4716.7	4466.8	4137.8	3921.5	3819.6
70°	3641.6	3605.1	3732.1	4011.4	4441.6	4868.9	4499.1	4003.0	3738.1	3572.7
72.5°	2814.1	2751.1	2971.7	3449.3	4154.0	4771.8	4182.7	3476.2	3108.9	2773.3
75°	1531.1	1459.8	1764.2	2368.2	3312.6	4136.0	3388.7	2435.9	1964.3	1519.7
77.5°	432.1	405.1	650.8	1145.8	1992.5	2903.9	2069.2	1170.9	771.8	457.8
80°	132.4	128.2	173.8	345.2	846.1	1390.9	813.2	349.4	221.1	139.6
82.5°	78.5	71.9	86.3	125.8	215.7	436.9	209.7	131.2	105.5	70.7
85°	44.9	41.9	50.9	61.1	72.5	92.9	60.5	62.3	56.3	37.8
87.5°	18.6	16.8	19.8	19.2	16.8	21.6	16.2	19.2	22.8	15.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1051.7
1048.1
1034.9
1020.5
1013.9
1013.9
1018.1
1025.9
1033.7
1037.3
1040.9
1049.9
1070.3
1102.0
1152.9
1223.7
1311.7
1423.8
1556.2
1707.3
1888.8
2108.7
2371.8
2670.2
2971.1
3320.4
3660.2
3820.8
3612.3
2856.6
1618.6
508.8
147.4
76.7
39.6
13.8
0.0

OF REPORT)