

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: P845691

Luminaire Tested: **GLAN-SB1A-722-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845691
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-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3549 lumens
Efficiency: N/A
Efficacy: 114.9 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

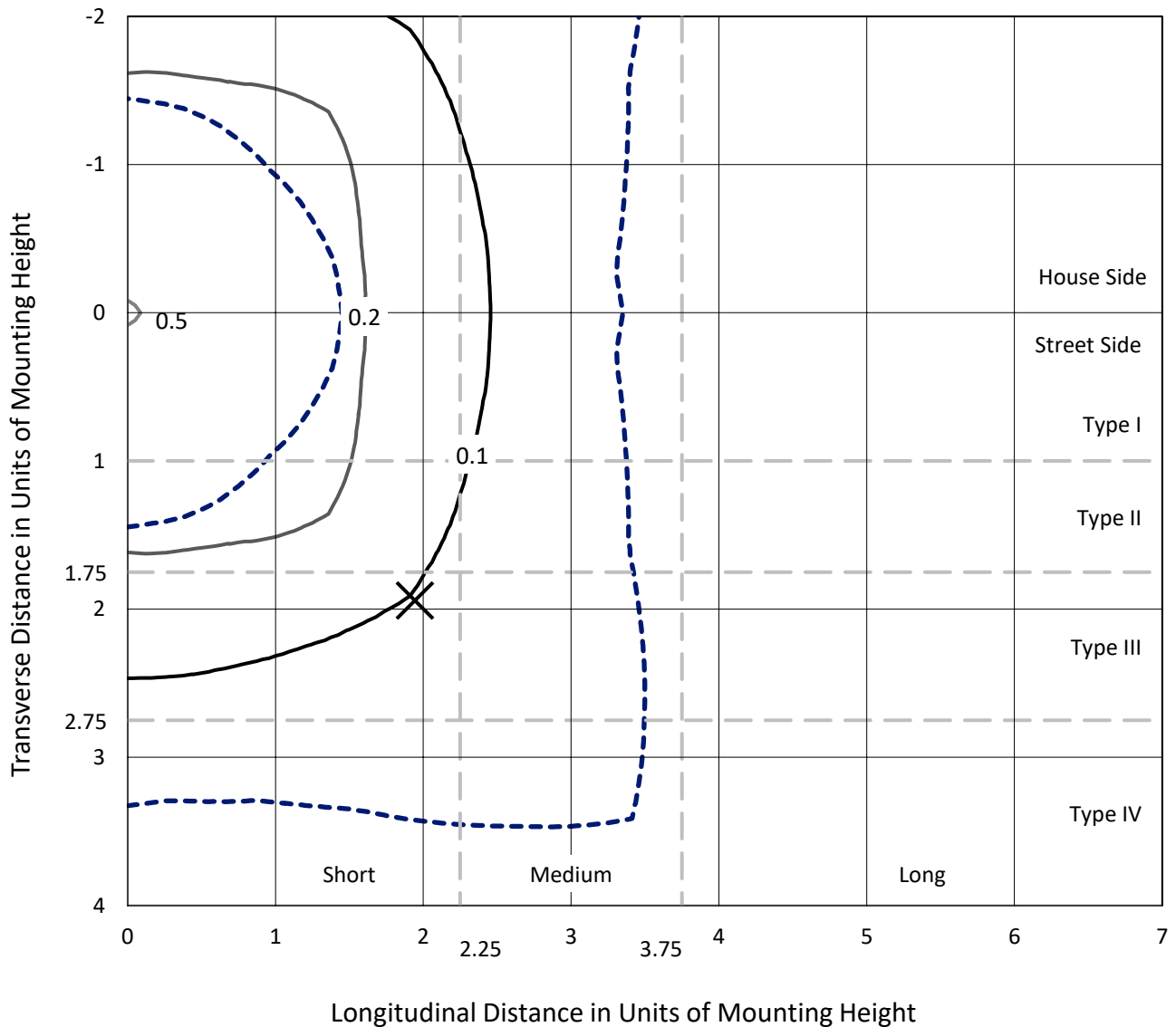
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

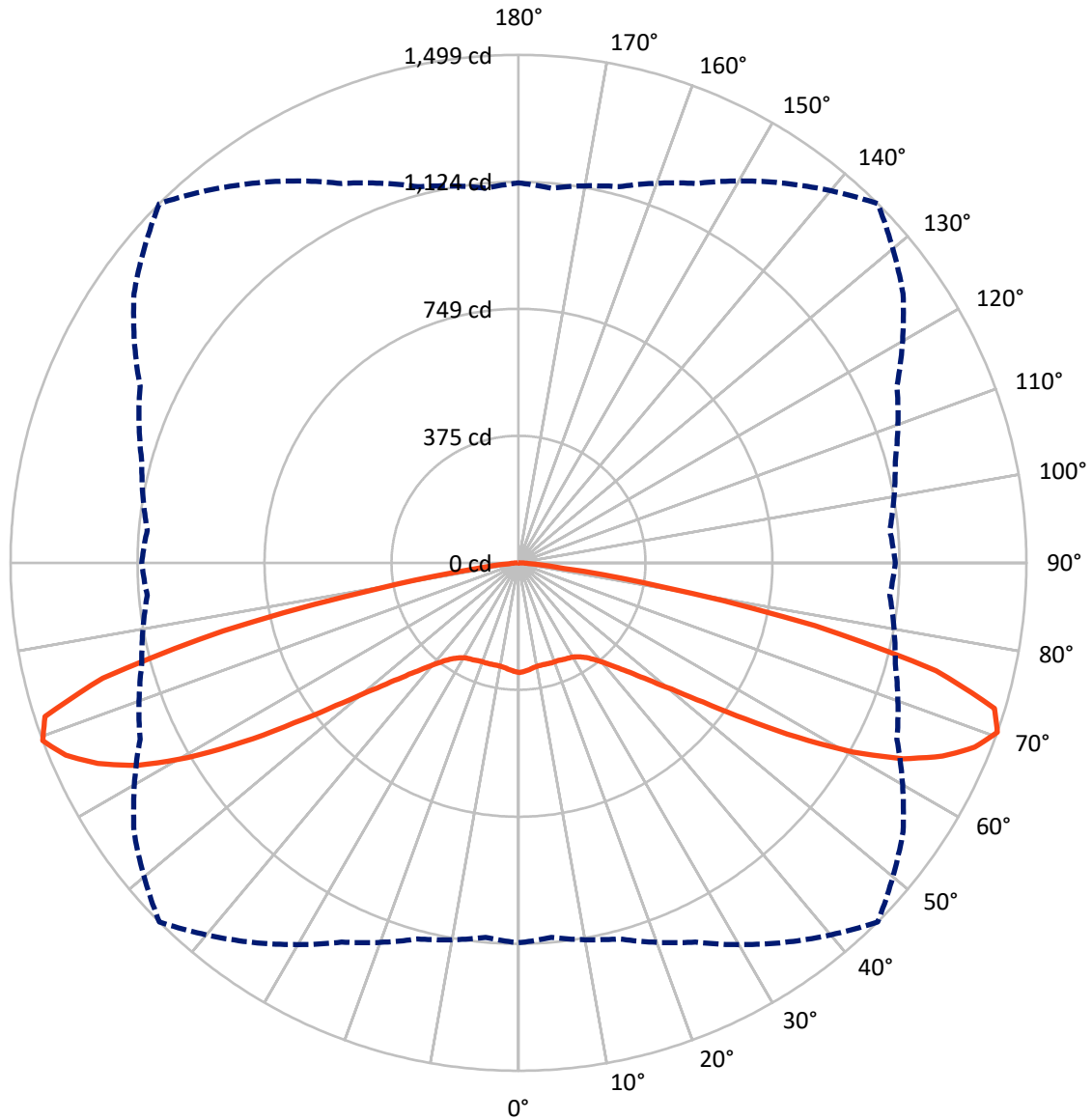
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.5 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	1774.5	0.0	1774.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1774.5	0.0	1774.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3549.0	0.0	3549.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.1	0.8
10°-20°	88.4	2.5
20°-30°	147.2	4.1
30°-40°	222.5	6.3
40°-50°	369.8	10.4
50°-60°	697.8	19.7
60°-70°	1178.3	33.2
70°-80°	774.3	21.8
80°-90°	40.6	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°	3549.0	100.0
0°-180°	3549.0	100.0

Coefficient of Utilization



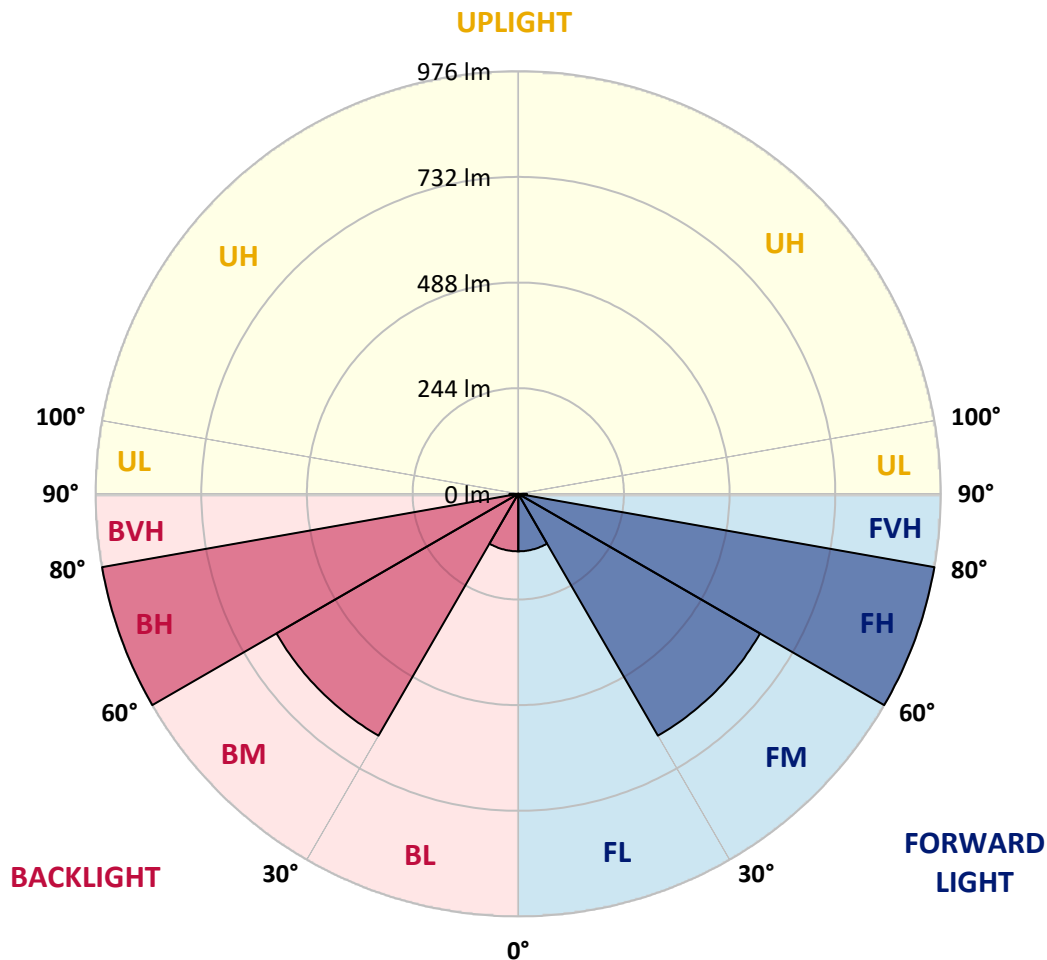
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	132.8	3.7			
FM (30°-60°)	645.1	18.2			
FH (60°-80°)	976.3	27.5			G1/1800
FVH (80°-90°)	20.3	0.6			G1/100
BL (0°-30°)	132.8	3.7	B1/500		
BM (30°-60°)	645.1	18.2	B1/1000		
BH (60°-80°)	976.3	27.5	B2/1000		G1/1800
BVH (80°-90°)	20.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	323.7	323.7	323.7	323.7	323.7	323.7	323.7	323.7	323.7	323.7
2.5°	321.7	322.6	322.3	321.5	321.5	321.0	321.5	321.9	322.4	322.8
5°	317.5	318.2	318.0	317.5	317.7	317.1	317.5	318.0	318.4	318.6
7.5°	313.8	314.5	314.1	313.2	313.2	312.7	312.9	313.4	314.0	314.1
10°	312.9	313.6	312.5	311.0	310.5	309.7	309.9	310.5	311.6	312.1
12.5°	313.2	313.8	312.7	310.5	309.9	309.2	309.2	309.7	311.2	311.9
15°	314.3	314.9	313.2	310.8	310.3	309.7	309.5	310.3	311.9	313.2
17.5°	316.4	316.9	314.3	311.0	310.3	310.5	310.3	310.8	313.4	315.8
20°	318.2	318.6	315.1	311.0	310.3	310.5	310.3	311.4	314.7	318.0
22.5°	318.8	319.1	315.8	312.3	311.7	311.9	311.7	312.9	316.0	319.3
25°	318.9	319.5	316.9	314.1	315.1	315.4	315.1	315.3	317.7	320.6
27.5°	321.7	322.4	320.1	317.7	318.2	318.0	318.6	319.1	321.0	323.9
30°	327.4	328.0	326.0	323.6	323.2	321.9	323.6	325.4	327.4	330.0
32.5°	336.8	337.9	335.4	332.8	331.1	330.4	331.7	334.8	337.6	340.3
35°	352.5	353.3	350.9	346.1	343.1	343.1	344.2	348.3	352.7	356.2
37.5°	374.7	375.6	371.3	365.6	361.2	361.2	362.7	366.9	373.5	378.5
40°	401.6	402.9	397.5	391.6	387.4	386.6	388.5	393.3	399.6	405.8
42.5°	434.1	435.5	428.5	423.4	420.0	420.0	421.0	425.4	431.1	438.8
45°	475.6	478.1	468.5	463.4	460.2	461.0	461.5	465.4	470.6	479.4
47.5°	525.0	527.6	517.4	512.1	511.5	515.0	512.8	515.6	518.4	528.5
50°	581.1	585.5	578.5	578.1	579.2	585.7	580.5	582.0	578.9	585.3
52.5°	649.7	656.2	654.9	657.1	669.4	682.7	670.9	665.7	653.9	656.0
55°	732.9	742.7	744.5	757.8	785.8	812.9	787.9	767.0	741.9	737.3
57.5°	827.5	835.3	844.1	871.2	923.6	971.8	923.6	877.5	838.0	828.6
60°	929.3	938.9	947.4	987.5	1065.3	1133.0	1063.8	990.6	938.4	925.7
62.5°	1038.7	1051.1	1057.0	1101.5	1192.2	1273.0	1193.5	1104.8	1046.9	1033.2
65°	1143.7	1153.8	1160.5	1207.9	1294.6	1375.6	1300.5	1213.1	1153.5	1135.6
67.5°	1192.6	1198.1	1214.3	1268.0	1359.5	1451.9	1375.0	1273.7	1207.2	1175.8
70°	1121.0	1109.8	1148.9	1234.8	1367.3	1498.8	1385.0	1232.2	1150.7	1099.8
72.5°	866.3	846.9	914.8	1061.8	1278.7	1468.9	1287.6	1070.1	957.0	853.7
75°	471.3	449.4	543.1	729.0	1019.7	1273.2	1043.2	749.9	604.7	467.8
77.5°	133.0	124.7	200.3	352.7	613.4	893.9	637.0	360.4	237.6	140.9
80°	40.8	39.5	53.5	106.3	260.5	428.1	250.3	107.5	68.1	43.0
82.5°	24.2	22.1	26.6	38.7	66.4	134.5	64.6	40.4	32.5	21.8
85°	13.8	12.9	15.7	18.8	22.3	28.6	18.6	19.2	17.3	11.6
87.5°	5.7	5.2	6.1	5.9	5.2	6.6	5.0	5.9	7.0	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
323.7
322.6
318.6
314.1
312.1
312.1
313.4
315.8
318.2
319.3
320.4
323.2
329.5
339.2
354.9
376.7
403.8
438.3
479.1
525.5
581.4
649.1
730.1
822.0
914.6
1022.1
1126.7
1176.2
1112.0
879.4
498.2
156.6
45.4
23.6
12.2
4.2
0.0

OF REPORT)