

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: P526098

Luminaire Tested: **GLAN-SA1A-735-U-RW-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P526098
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-8)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-735-U-RW-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 16 LEDS AND RECTANGULAR WIDE OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3777 lumens
Efficiency: N/A
Efficacy: 114.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

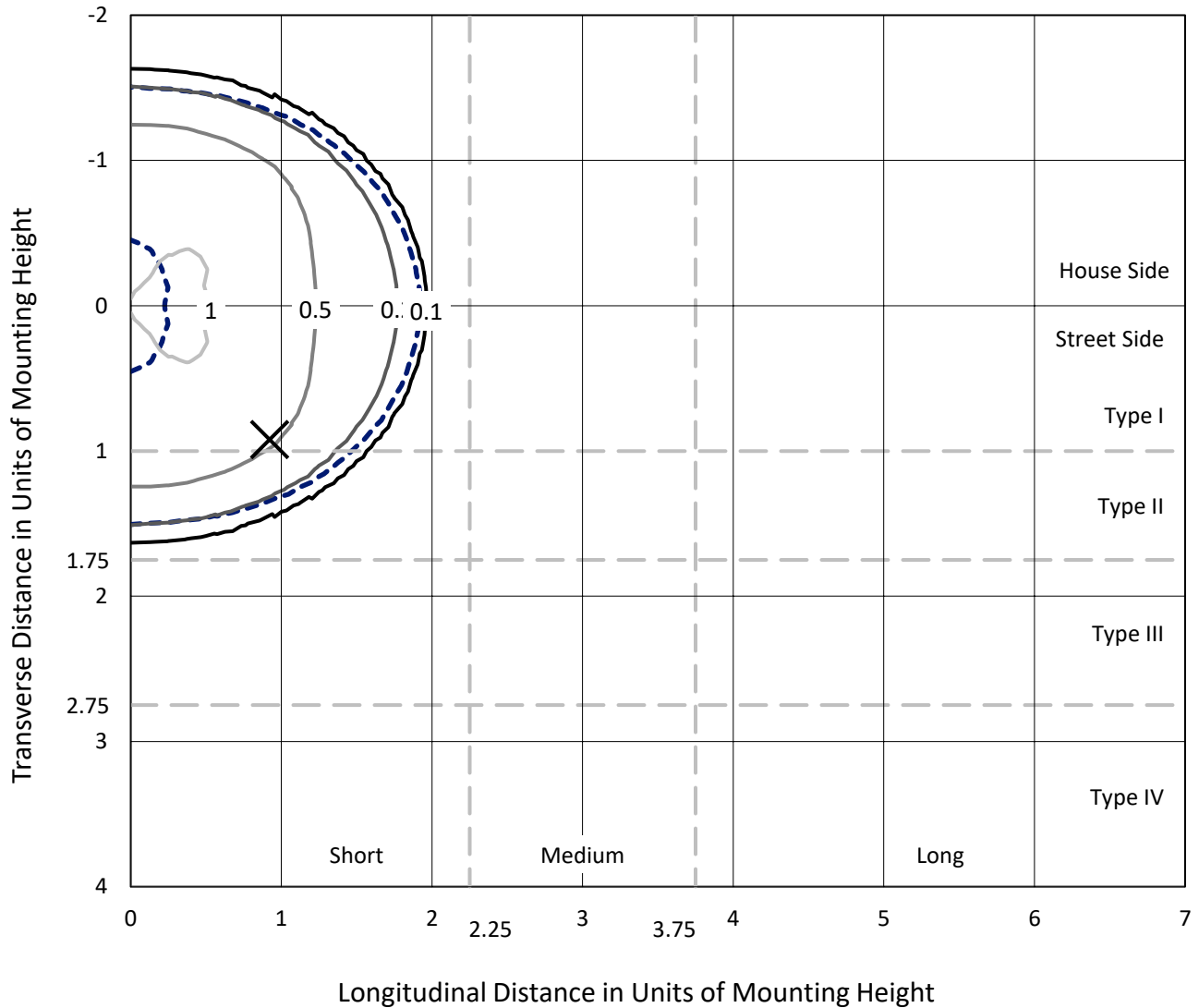
Input Watts (W): 33
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

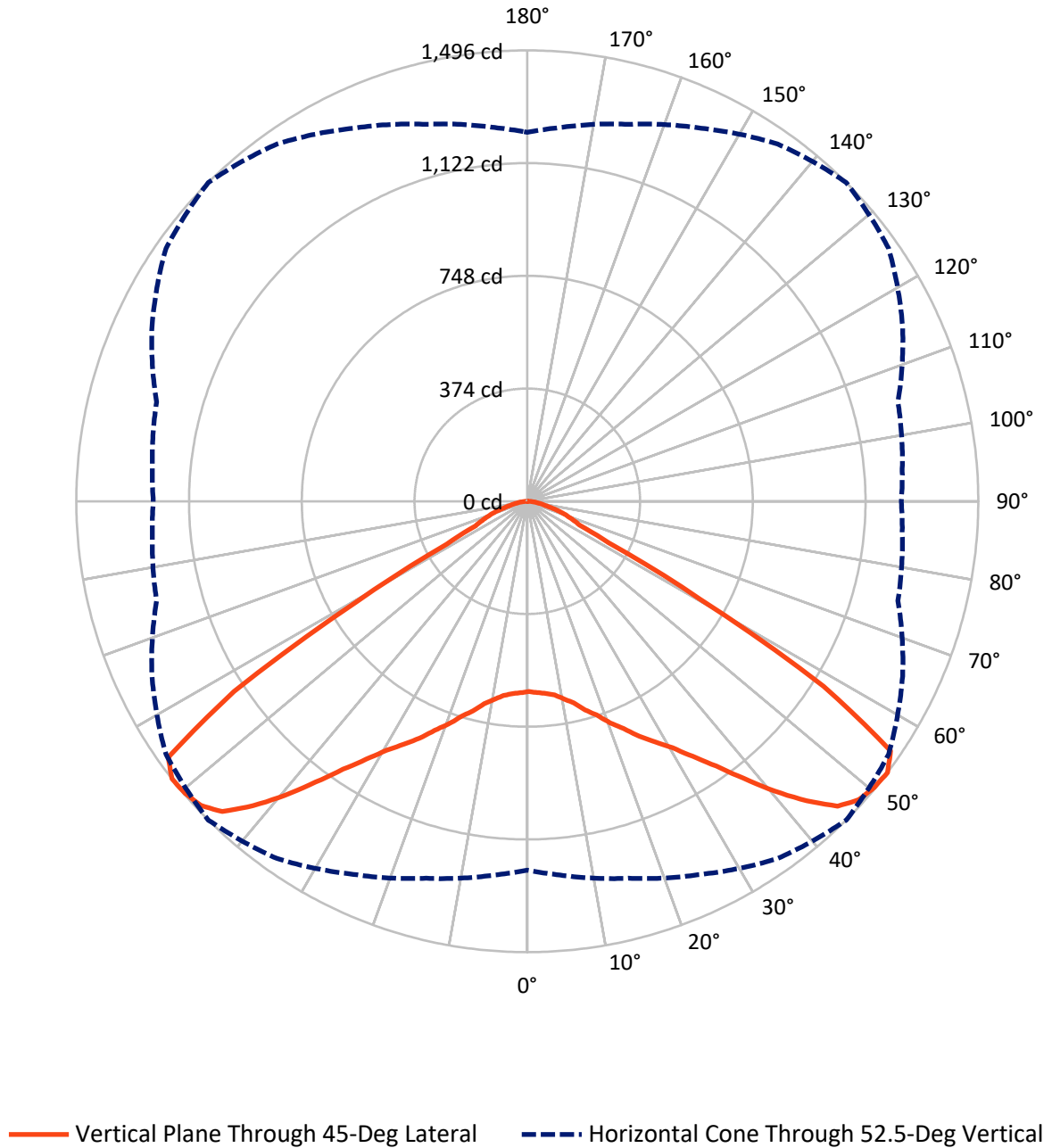
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1888.5	0.0	1888.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1888.5	0.0	1888.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3777.0	0.0	3777.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	1.6
10°-20°	203.8	5.4
20°-30°	388.1	10.3
30°-40°	666.3	17.6
40°-50°	1024.2	27.1
50°-60°	1040.0	27.5
60°-70°	289.8	7.7
70°-80°	85.5	2.3
80°-90°	17.2	0.5
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°	3777.0	100.0
0°-180°	3777.0	100.0



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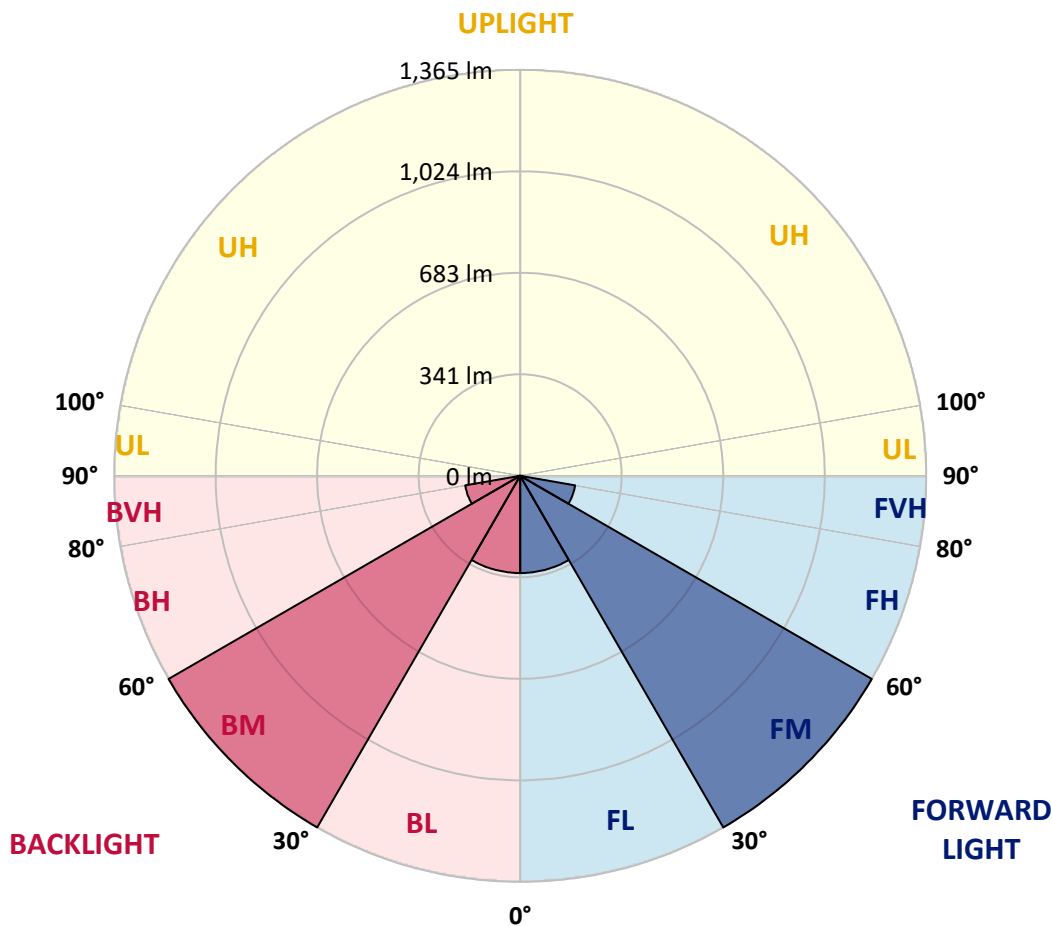
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	327.0	8.7			
FM (30°-60°)	1365.3	36.1			
FH (60°-80°)	187.7	5.0			G0/660
FVH (80°-90°)	8.6	0.2			G0/10
BL (0°-30°)	327.0	8.7	B1/500		
BM (30°-60°)	1365.3	36.1	B2/2500		
BH (60°-80°)	187.7	5.0	B1/500		G0/660
BVH (80°-90°)	8.6	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4
2.5°	632.8	626.2	628.6	630.0	636.1	635.6	634.2	636.1	637.9	638.4	637.5
5°	632.3	627.6	629.5	630.9	637.0	640.3	639.3	647.3	652.9	651.5	658.6
7.5°	628.6	631.4	629.0	636.1	641.2	649.2	657.6	665.1	672.2	680.1	681.5
10°	637.0	637.0	641.2	646.8	660.4	666.5	678.7	689.5	703.1	712.5	708.7
12.5°	645.9	647.3	647.3	661.8	673.1	686.7	697.9	712.5	731.7	742.9	748.6
15°	654.8	655.7	660.4	680.1	697.0	718.6	728.9	742.0	752.8	773.9	774.3
17.5°	662.8	667.9	682.0	704.0	725.1	745.7	762.2	775.7	785.1	793.6	791.7
20°	692.8	696.5	711.1	733.1	764.5	784.6	790.3	792.6	798.7	815.6	810.4
22.5°	721.8	723.2	736.8	770.6	792.6	819.3	825.4	824.0	826.4	830.6	838.1
25°	751.8	754.2	772.9	801.5	832.5	864.3	869.5	858.7	855.4	860.1	860.6
27.5°	790.3	790.7	814.6	839.5	874.6	904.6	912.6	904.2	888.7	892.5	898.5
30°	839.0	835.7	859.6	895.3	932.3	949.2	962.8	958.5	941.7	938.4	933.2
32.5°	895.3	896.2	917.8	956.7	981.0	1009.2	1023.7	1016.7	1005.9	1000.3	1003.5
35°	974.5	978.7	993.2	1025.6	1064.9	1079.0	1102.0	1087.0	1058.9	1065.9	1072.0
37.5°	1039.6	1051.8	1079.0	1117.4	1140.9	1166.7	1175.1	1154.9	1134.3	1125.9	1146.0
40°	1139.5	1135.7	1165.7	1204.2	1238.8	1264.6	1253.8	1233.7	1182.6	1183.1	1188.7
42.5°	1225.3	1227.1	1250.1	1296.0	1343.4	1359.3	1325.1	1275.9	1219.2	1213.1	1225.3
45°	1297.4	1304.9	1318.1	1379.5	1425.9	1443.2	1379.9	1321.8	1245.9	1220.6	1240.7
47.5°	1323.2	1335.4	1364.0	1420.2	1466.2	1480.2	1429.6	1346.2	1270.7	1229.5	1240.3
50°	1327.0	1322.7	1369.6	1421.2	1461.5	1492.0	1447.4	1364.0	1264.6	1243.1	1239.8
52.5°	1224.3	1244.9	1295.1	1365.9	1447.4	1496.2	1463.4	1373.8	1273.1	1248.7	1240.7
55°	990.9	966.5	1057.9	1177.0	1327.0	1462.4	1457.7	1379.0	1278.2	1258.1	1247.3
57.5°	553.1	560.1	611.7	741.1	934.6	1159.6	1296.0	1324.6	1275.9	1264.2	1269.8
60°	255.9	258.3	280.3	340.8	460.8	657.6	837.1	1019.5	1103.4	1120.3	1120.3
62.5°	190.8	189.8	195.5	206.2	231.6	302.3	403.6	548.4	663.7	744.3	765.4
65°	172.5	172.0	174.8	178.6	180.5	190.3	212.8	257.3	294.8	316.4	312.6
67.5°	150.9	150.5	151.4	153.7	157.0	162.2	167.8	177.2	190.3	189.4	187.0
70°	121.9	121.9	123.3	125.2	128.9	135.0	141.6	148.1	159.4	161.7	161.2
72.5°	90.0	88.6	91.4	95.2	98.9	106.4	113.4	119.5	127.5	129.8	128.9
75°	57.2	58.1	60.0	64.2	70.8	75.9	83.4	88.6	93.7	95.6	96.1
77.5°	31.9	32.8	36.1	41.2	47.8	53.4	60.0	64.2	67.5	68.0	68.4
80°	19.2	19.7	23.0	27.7	33.3	39.4	44.5	48.7	51.6	50.2	49.7
82.5°	11.7	12.2	15.0	19.2	23.9	28.6	34.2	38.0	40.8	38.9	37.0
85°	6.1	6.6	8.9	11.7	15.5	17.8	17.8	15.9	15.5	14.5	14.1
87.5°	1.9	1.9	2.3	2.8	2.3	2.8	3.3	3.7	3.7	4.2	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)