

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: P530986

Luminaire Tested: **GLAN-SA6B-730-U-RW-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530986
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-SA6B-730-U-RW-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND RECTANGULAR
WIDE OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26927 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 243
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



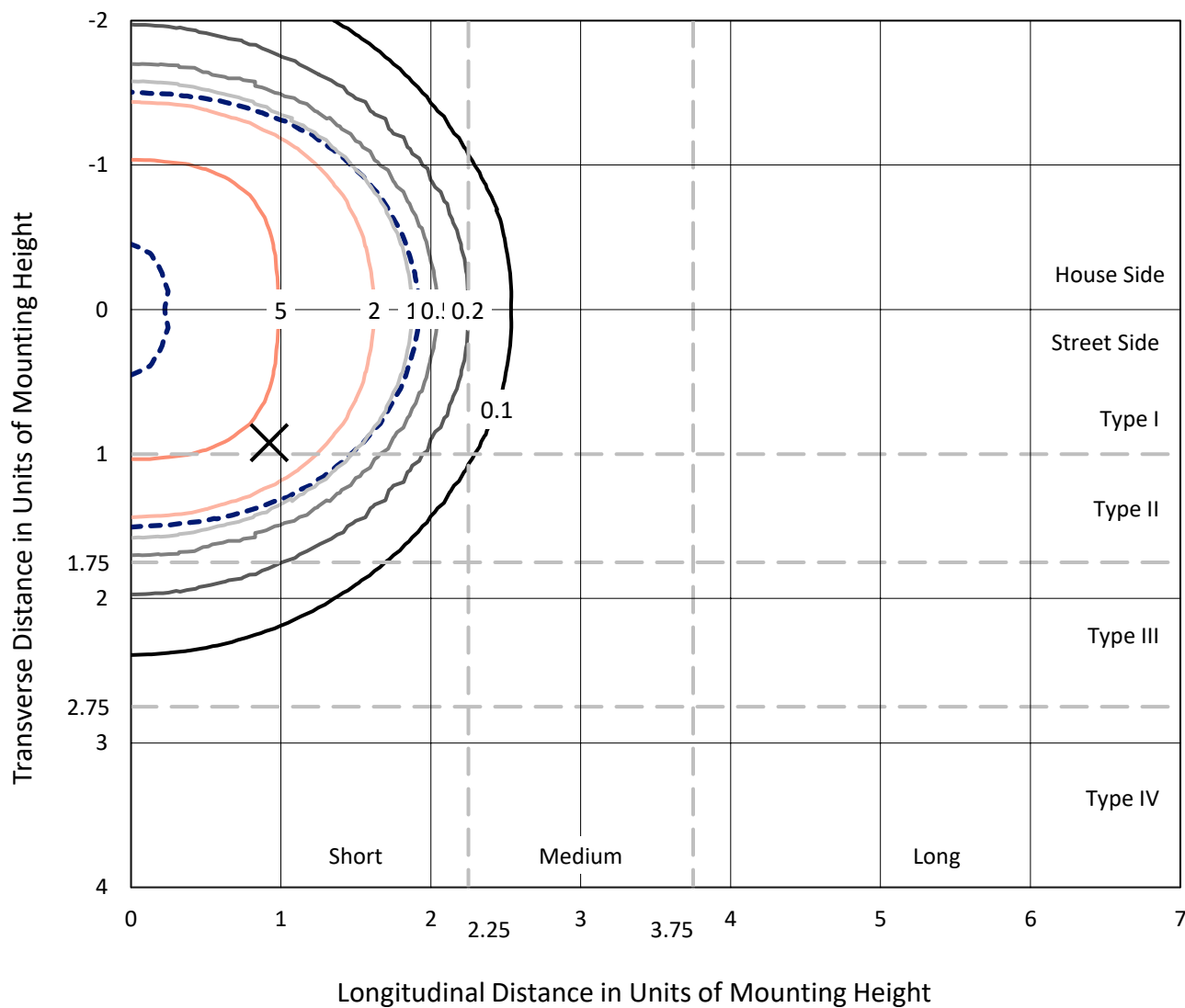
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

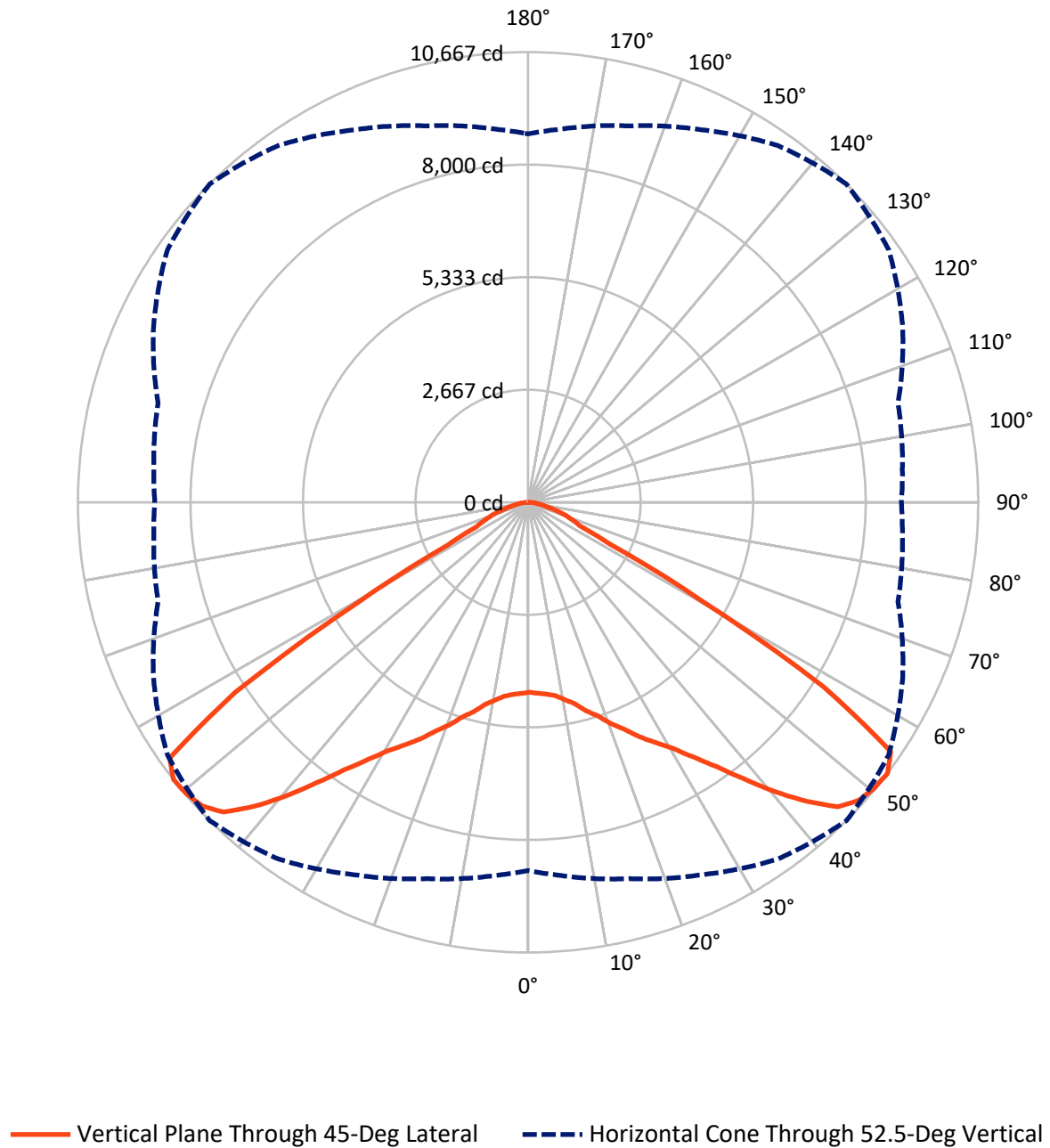


Based on 25 foot mounting height. Maximum calculated value = 8 fc

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	13463.5	0.0	13463.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	13463.5	0.0	13463.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	26927.0	0.0	26927.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	442.2	1.6
10°-20°	1453.1	5.4
20°-30°	2766.6	10.3
30°-40°	4750.4	17.6
40°-50°	7301.5	27.1
50°-60°	7414.5	27.5
60°-70°	2066.3	7.7
70°-80°	609.5	2.3
80°-90°	122.8	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°	26927.0	100.0
0°-180°	26927.0	100.0

Coefficient of Utilization



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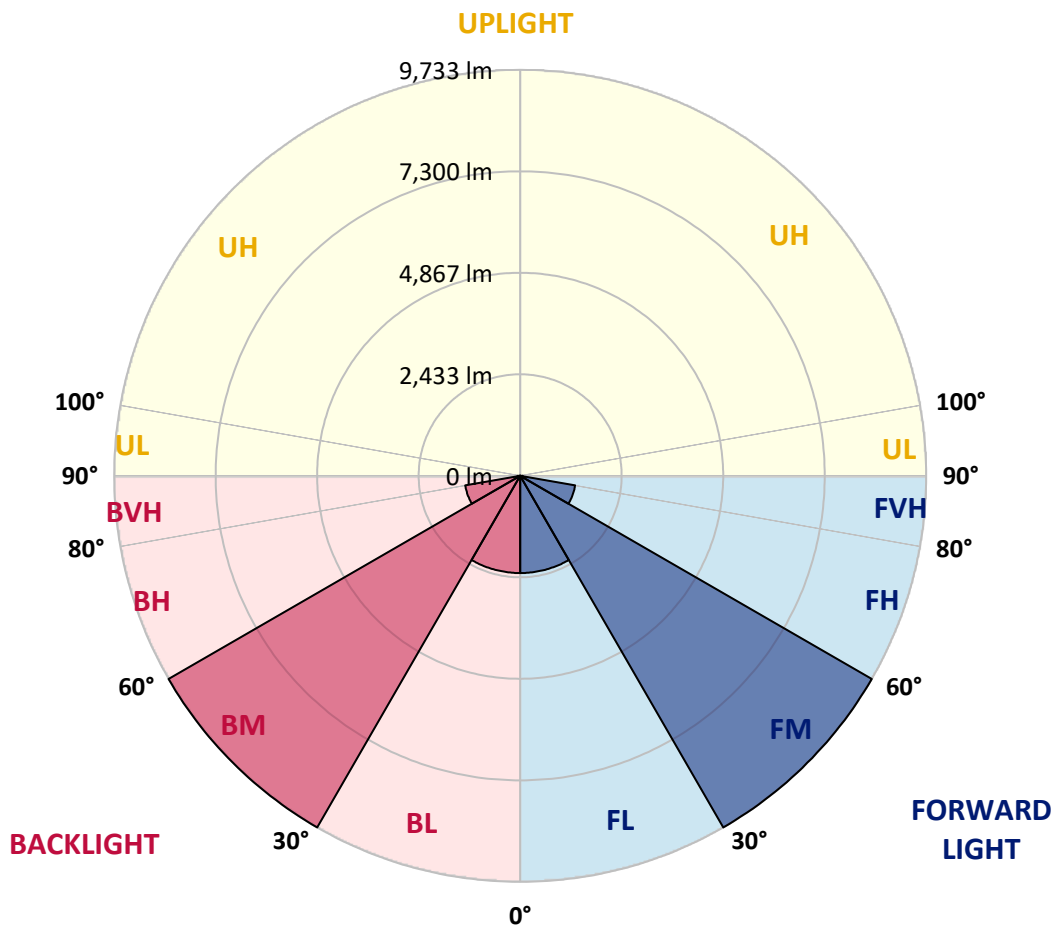
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2331.0	8.7			
FM	(30°-60°)	9733.2	36.1			
FH	(60°-80°)	1337.9	5.0			G1/1800
FVH	(80°-90°)	61.4	0.2			G1/100
BL	(0°-30°)	2331.0	8.7	B3/2500		
BM	(30°-60°)	9733.2	36.1	B5		
BH	(60°-80°)	1337.9	5.0	B3/2500		G1/1800
BVH	(80°-90°)	61.4	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	4501.2	4501.2	4501.2	4501.2	4501.2	4501.2	4501.2	4501.2	4501.2	4501.2	4501.2
2.5°	4511.2	4464.4	4481.2	4491.2	4534.6	4531.3	4521.3	4534.6	4548.0	4551.3	4544.6
5°	4507.9	4474.5	4487.8	4497.9	4541.3	4564.7	4558.0	4614.8	4654.9	4644.9	4695.0
7.5°	4481.2	4501.2	4484.5	4534.6	4571.4	4628.2	4688.3	4741.8	4791.9	4848.7	4858.8
10°	4541.3	4541.3	4571.4	4611.5	4708.4	4751.8	4838.7	4915.6	5012.5	5079.3	5052.6
12.5°	4604.8	4614.8	4614.8	4718.4	4798.6	4895.5	4975.7	5079.3	5216.3	5296.5	5336.6
15°	4668.3	4675.0	4708.4	4848.7	4969.0	5122.7	5196.3	5289.8	5366.7	5517.1	5520.4
17.5°	4725.1	4761.9	4862.1	5019.2	5169.5	5316.6	5433.5	5530.4	5597.3	5657.4	5644.0
20°	4939.0	4965.7	5069.3	5226.3	5450.2	5593.9	5634.0	5650.7	5694.2	5814.5	5777.7
22.5°	5146.1	5156.2	5253.1	5493.7	5650.7	5841.2	5884.6	5874.6	5891.3	5921.4	5974.9
25°	5360.0	5376.7	5510.4	5714.2	5934.8	6162.0	6198.8	6121.9	6098.5	6131.9	6135.3
27.5°	5634.0	5637.4	5807.8	5984.9	6235.5	6449.4	6506.2	6446.0	6335.8	6362.5	6405.9
30°	5981.6	5958.2	6128.6	6382.6	6646.5	6766.8	6863.7	6833.7	6713.4	6690.0	6653.2
32.5°	6382.6	6389.2	6543.0	6820.3	6994.1	7194.6	7298.2	7248.0	7171.2	7131.1	7154.5
35°	6947.3	6977.4	7081.0	7311.5	7592.2	7692.5	7856.2	7749.3	7548.8	7598.9	7642.4
37.5°	7411.8	7498.7	7692.5	7966.5	8133.6	8317.4	8377.5	8233.8	8086.8	8026.6	8170.3
40°	8123.6	8096.8	8310.7	8584.7	8832.0	9015.8	8938.9	8795.2	8431.0	8434.3	8474.4
42.5°	8735.1	8748.4	8912.2	9239.7	9577.2	9690.8	9446.8	9096.0	8691.6	8648.2	8735.1
45°	9249.7	9303.2	9396.7	9834.5	10165.3	10288.9	9837.8	9423.5	8882.1	8701.7	8845.3
47.5°	9433.5	9520.4	9724.2	10125.2	10452.7	10552.9	10192.0	9597.2	9059.2	8765.1	8842.0
50°	9460.2	9430.1	9764.3	10131.9	10419.3	10636.5	10319.0	9724.2	9015.8	8862.1	8838.7
52.5°	8728.4	8875.4	9233.0	9737.6	10319.0	10666.5	10432.6	9794.4	9075.9	8902.2	8845.3
55°	7064.2	6890.5	7542.1	8390.9	9460.2	10425.9	10392.5	9831.1	9112.7	8969.0	8892.1
57.5°	3943.1	3993.3	4360.9	5283.1	6663.3	8267.2	9239.7	9443.5	9096.0	9012.4	9052.5
60°	1824.5	1841.2	1998.3	2429.4	3284.8	4688.3	5968.2	7268.1	7866.2	7986.5	7986.5
62.5°	1360.1	1353.4	1393.5	1470.3	1650.8	2155.4	2877.2	3909.7	4731.8	5306.5	5456.9
65°	1229.7	1226.4	1246.4	1273.2	1286.5	1356.7	1517.1	1834.6	2101.9	2255.6	2228.9
67.5°	1076.0	1072.7	1079.4	1096.1	1119.5	1156.2	1196.3	1263.1	1356.7	1350.0	1333.3
70°	868.8	868.8	878.9	892.2	919.0	962.4	1009.2	1056.0	1136.2	1152.9	1149.5
72.5°	641.6	631.6	651.6	678.4	705.1	758.6	808.7	852.1	908.9	925.6	919.0
75°	407.7	414.4	427.7	457.8	504.6	541.3	594.8	631.6	668.3	681.7	685.0
77.5°	227.2	233.9	257.3	294.1	340.8	380.9	427.7	457.8	481.2	484.5	487.9
80°	137.0	140.3	163.7	197.2	237.3	280.7	317.5	347.5	367.6	357.6	354.2
82.5°	83.5	86.9	106.9	137.0	170.4	203.8	243.9	270.7	290.7	277.4	264.0
85°	43.4	46.8	63.5	83.5	110.3	127.0	127.0	113.6	110.3	103.6	100.2
87.5°	13.4	13.4	16.7	20.0	16.7	20.0	23.4	26.7	26.7	30.1	26.7
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)