

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: P852857

Luminaire Tested: **GLAN-SB6D-930-U-T4FT**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852857
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6D-930-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

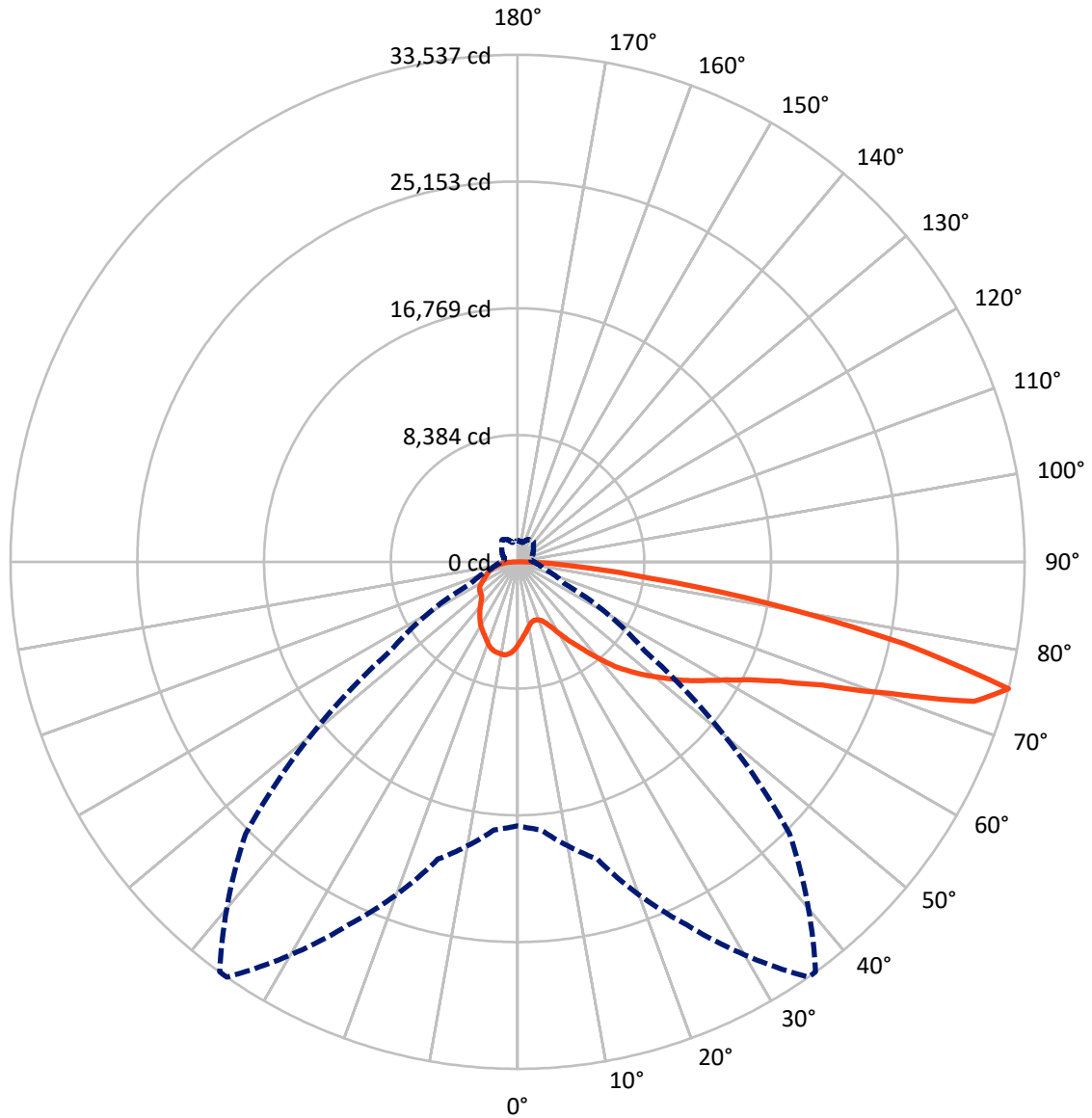
Lumens per Lamp: N/A
Luminaire Lumens: 41147 lumens
Efficiency: N/A
Efficacy: 93.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 440.1
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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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9792.0	0.0	9792.0
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	31355.0	0.0	31355.0
	% Fixture	76.2	0.0	76.2
Total	Lumens	41147.0	0.0	41147.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	519.1	1.3
10°-20°	1497.4	3.6
20°-30°	2514.6	6.1
30°-40°	3908.0	9.5
40°-50°	5800.5	14.1
50°-60°	8007.9	19.5
60°-70°	9715.5	23.6
70°-80°	8029.1	19.5
80°-90°	1154.8	2.8
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°	41147.0	100.0
0°-180°	41147.0	100.0

Coefficient of Utilization

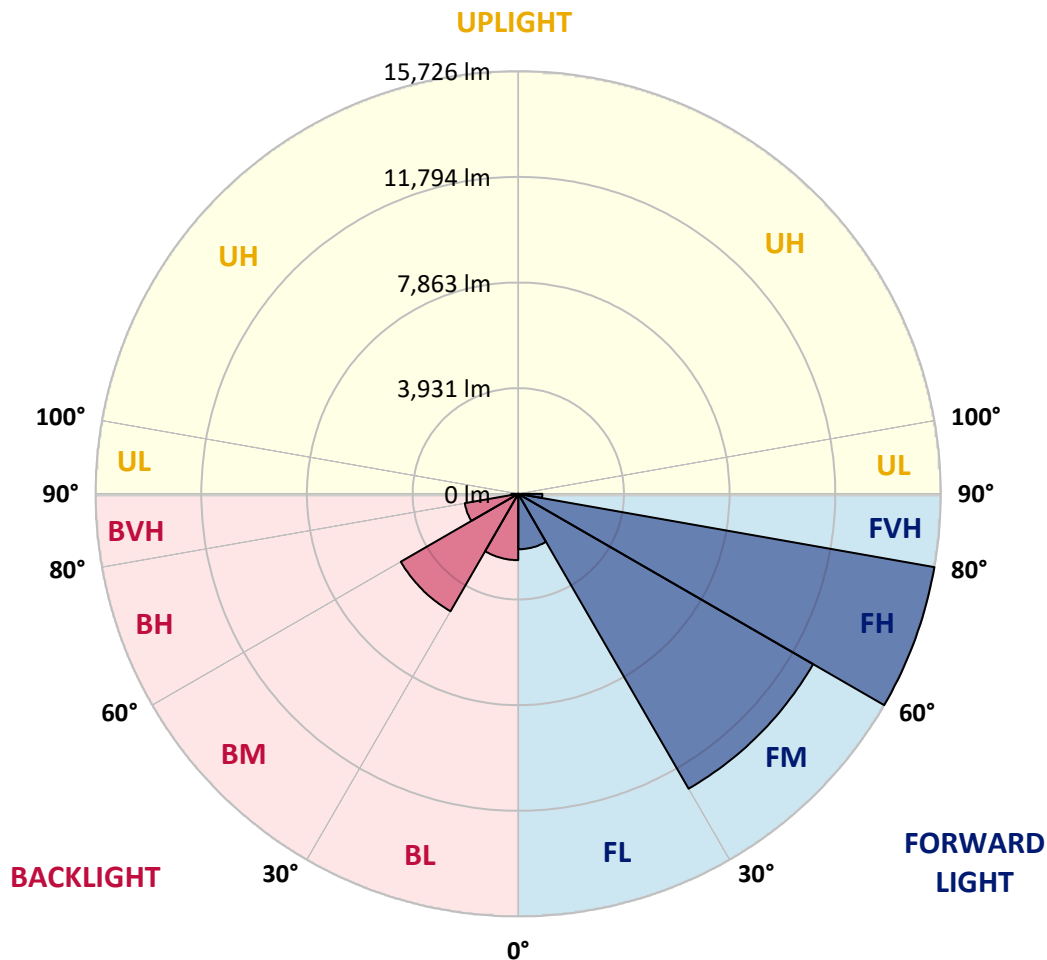


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2063.4	5.0			
FM (30°-60°)	12671.0	30.8			
FH (60°-80°)	15725.8	38.2			G5
FVH (80°-90°)	894.8	2.2			G5
BL (0°-30°)	2467.7	6.0	B3/2500		
BM (30°-60°)	5045.4	12.3	B4/8500		
BH (60°-80°)	2018.8	4.9	B3/2500		G3/2500
BVH (80°-90°)	260.0	0.6			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1
2.5°	5056.0	5087.2	5100.5	5093.8	5127.2	5122.8	5169.5	5227.3	5307.4	5385.2
5°	4666.8	4700.1	4729.0	4755.7	4820.2	4840.3	4913.7	5024.9	5171.7	5320.7
7.5°	4304.2	4333.1	4377.6	4426.5	4535.5	4555.5	4677.9	4851.4	5056.0	5274.0
10°	4008.3	4037.3	4084.0	4139.6	4275.3	4299.7	4455.4	4686.8	4953.7	5229.5
12.5°	3881.6	3890.5	3917.1	3972.8	4090.6	4106.2	4277.5	4542.2	4853.6	5196.2
15°	3874.9	3892.7	3894.9	3923.8	4021.7	4028.4	4186.3	4448.8	4791.3	5189.5
17.5°	3941.6	3955.0	3934.9	3952.7	4035.0	4046.2	4170.7	4404.3	4771.3	5218.4
20°	4119.6	4130.7	4070.6	4046.2	4106.2	4115.1	4237.5	4433.2	4791.3	5278.5
22.5°	4497.7	4504.4	4357.6	4257.5	4261.9	4266.4	4373.1	4551.1	4869.2	5387.5
25°	5087.2	5082.7	4849.2	4655.6	4544.4	4520.0	4591.1	4742.4	5000.4	5532.1
27.5°	5776.7	5743.4	5509.8	5220.6	4978.2	4942.6	4927.0	4991.5	5187.3	5723.3
30°	6555.3	6524.1	6272.8	5894.6	5558.7	5500.9	5354.1	5320.7	5465.3	5983.6
32.5°	7409.4	7389.4	7089.1	6630.9	6181.6	6114.8	5867.9	5779.0	5892.4	6377.3
35°	8125.7	8107.9	7858.8	7387.2	6837.8	6755.5	6504.1	6404.0	6461.8	6882.3
37.5°	8773.0	8764.1	8550.5	8179.1	7611.9	7511.8	7229.3	7195.9	7184.8	7547.3
40°	9373.6	9351.3	9128.9	8933.1	8512.7	8421.5	8172.4	8143.5	8059.0	8365.9
42.5°	10038.7	9980.8	9658.3	9567.1	9453.6	9378.0	9229.0	9233.4	9046.6	9289.0
45°	10581.4	10548.0	10216.6	10163.2	10285.6	10254.4	10383.4	10416.8	10054.2	10256.7
47.5°	11164.2	11133.1	10852.8	10815.0	11146.4	11155.3	11611.3	11622.4	11037.4	11262.1
50°	11882.7	11838.2	11560.1	11606.9	11978.3	12011.7	12845.8	12770.2	11942.7	12283.1
52.5°	12356.5	12383.2	12323.1	12398.7	12905.9	12937.0	14060.4	13866.8	12839.2	13290.7
55°	12705.7	12759.1	12945.9	13119.4	13884.6	13915.8	15205.9	14910.1	13582.1	14225.0
57.5°	13155.0	13079.4	13428.6	13766.7	14814.4	14896.7	16320.3	15915.5	14240.5	15030.2
60°	13800.1	13746.7	14018.1	14518.6	15855.4	15986.7	17499.3	16820.8	14723.2	15668.6
62.5°	15108.0	14974.6	15016.8	15459.5	17167.8	17341.3	18829.4	17610.5	14963.5	15917.7
65°	17063.3	16834.2	16620.6	16927.6	19016.3	19187.6	20330.9	18231.1	14874.5	15435.0
67.5°	19525.7	19298.8	19036.3	19325.5	21738.9	21874.6	22183.8	18580.3	14173.8	13575.4
70°	21556.5	21472.0	21785.7	22975.7	26087.6	26092.1	24559.5	18291.1	12254.2	9624.9
72.5°	21287.4	21236.2	22889.0	26568.1	31568.5	31450.6	26808.3	16102.3	8254.7	4342.0
75°	17463.7	17795.1	20355.4	26503.6	33537.1	33521.5	25431.4	10236.6	3414.4	1799.5
77.5°	9364.7	9889.6	13215.1	19567.9	26181.0	26574.8	17879.6	3581.3	1465.9	1152.2
80°	3054.1	3512.3	5267.4	9963.0	17012.1	16938.7	7663.0	1405.8	1003.2	816.4
82.5°	1296.8	1350.2	2353.4	4704.6	8730.7	8595.0	2440.2	807.5	705.1	558.3
85°	507.2	567.2	1038.8	2175.5	3781.5	3699.2	880.9	400.4	451.6	364.8
87.5°	166.8	202.4	371.5	745.2	1176.7	1134.4	215.8	137.9	195.7	166.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
5483.1	0°	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1	5483.1
5498.7	2.5°	5529.8	5565.4	5607.7	5670.0	5723.3	5767.8	5814.5	5843.5	5854.6	5888.0
5507.6	5°	5569.9	5647.7	5752.3	5854.6	5954.7	6014.7	6068.1	6094.8	6119.3	6137.1
5532.1	7.5°	5636.6	5736.7	5901.3	6034.8	6119.3	6168.2	6203.8	6194.9	6203.8	6208.3
5558.7	10°	5694.4	5834.6	6030.3	6157.1	6221.6	6223.8	6214.9	6183.8	6168.2	6170.5
5598.8	12.5°	5763.4	5919.1	6130.4	6237.2	6255.0	6206.0	6168.2	6114.8	6094.8	6085.9
5658.8	15°	5856.8	6034.8	6239.4	6279.4	6235.0	6172.7	6108.2	6021.4	5976.9	5941.3
5761.2	17.5°	5970.3	6166.0	6323.9	6295.0	6199.4	6097.0	5992.5	5861.3	5770.1	5732.2
5901.3	20°	6128.2	6303.9	6388.4	6261.7	6117.1	5961.4	5783.4	5623.3	5538.7	5500.9
6079.3	22.5°	6319.5	6488.5	6450.7	6203.8	5999.2	5750.0	5527.6	5409.7	5367.4	5340.8
6308.4	25°	6548.6	6693.2	6495.2	6119.3	5805.7	5469.8	5298.5	5260.7	5240.7	5220.6
6588.6	27.5°	6846.7	6924.5	6528.6	5994.7	5503.1	5171.7	5109.4	5116.1	5109.4	5076.1
6977.9	30°	7240.4	7224.8	6559.7	5792.3	5156.1	4902.6	4907.0	4935.9	4940.4	4918.1
7520.7	32.5°	7758.7	7600.7	6575.3	5529.8	4824.7	4666.8	4671.2	4702.4	4724.6	4686.8
8230.2	35°	8385.9	8038.9	6550.8	5200.6	4568.9	4442.1	4408.7	4417.6	4424.3	4388.7
9091.1	37.5°	9117.8	8530.5	6441.8	4835.8	4357.6	4221.9	4150.7	4090.6	4055.1	4021.7
10065.4	40°	9920.8	9066.6	6241.6	4479.9	4121.8	3988.3	3881.6	3768.1	3648.0	3603.5
11097.5	42.5°	10761.6	9618.3	5999.2	4139.6	3850.4	3741.4	3628.0	3463.4	3283.2	3192.0
12169.6	45°	11633.5	10183.2	5761.2	3803.7	3572.4	3525.7	3394.4	3196.4	3000.7	2885.0
13244.0	47.5°	12487.7	10717.1	5411.9	3465.6	3312.1	3363.3	3261.0	3078.6	2860.6	2678.2
14309.5	50°	13304.1	11217.6	4840.3	3123.0	3100.8	3314.3	3216.5	2954.0	2704.9	2471.3
15354.9	52.5°	14113.7	11622.4	4108.4	2811.6	2987.4	3301.0	3158.6	2869.5	2564.7	2320.0
16338.1	55°	14801.1	11831.5	3403.3	2544.7	2822.7	3187.5	3089.7	2769.4	2366.7	2106.5
17012.1	57.5°	15192.6	11662.5	2816.1	2282.2	2595.9	3000.7	2971.8	2555.8	2131.0	1930.8
17143.4	60°	15023.5	10977.4	2335.6	2053.1	2380.1	2798.3	2767.1	2344.5	1950.8	1761.7
16440.5	62.5°	14091.5	9671.6	1955.2	1852.9	2184.3	2591.4	2562.5	2182.1	1812.9	1630.5
14574.2	65°	12214.1	7867.7	1659.4	1686.1	1986.4	2342.3	2384.5	2046.4	1703.9	1525.9
11275.4	67.5°	9315.7	5698.9	1428.1	1541.5	1792.9	2097.6	2219.9	1948.6	1612.7	1443.6
6524.1	70°	5309.6	3236.5	1232.3	1401.4	1621.6	1870.7	2093.1	1870.7	1514.8	1374.7
2444.6	72.5°	2013.1	1485.9	1065.5	1261.2	1457.0	1679.4	1953.0	1748.4	1401.4	1296.8
1263.5	75°	1074.4	905.3	896.4	1096.6	1267.9	1492.6	1777.3	1628.3	1316.8	1370.2
874.2	77.5°	731.8	640.6	749.6	938.7	1061.0	1285.7	1590.4	1445.9	1141.1	1136.7
605.0	80°	507.2	453.8	609.5	756.3	820.8	1081.1	1388.0	1241.2	929.8	867.5
373.7	82.5°	304.7	295.8	456.0	565.0	580.6	834.1	1150.0	1041.0	760.7	662.9
222.4	85°	166.8	175.7	291.4	331.4	338.1	582.8	900.9	805.2	585.0	491.6
80.1	87.5°	46.7	60.1	106.8	131.2	162.4	302.5	536.1	478.2	293.6	204.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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180°
5483.1
5885.7
6141.5
6214.9
6174.9
6081.5
5952.5
5734.5
5496.5
5345.2
5220.6
5082.7
4929.2
4704.6
4413.2
4043.9
3623.5
3203.1
2876.1
2658.1
2451.3
2293.3
2084.3
1904.1
1735.0
1601.6
1497.0
1416.9
1356.9
1279.0
1414.7
1047.7
829.7
667.3
496.0
204.6
0.0

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