

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using  
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456470

Luminaire Tested: GLAN-SB8D-730-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456470  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8D-730-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (208) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

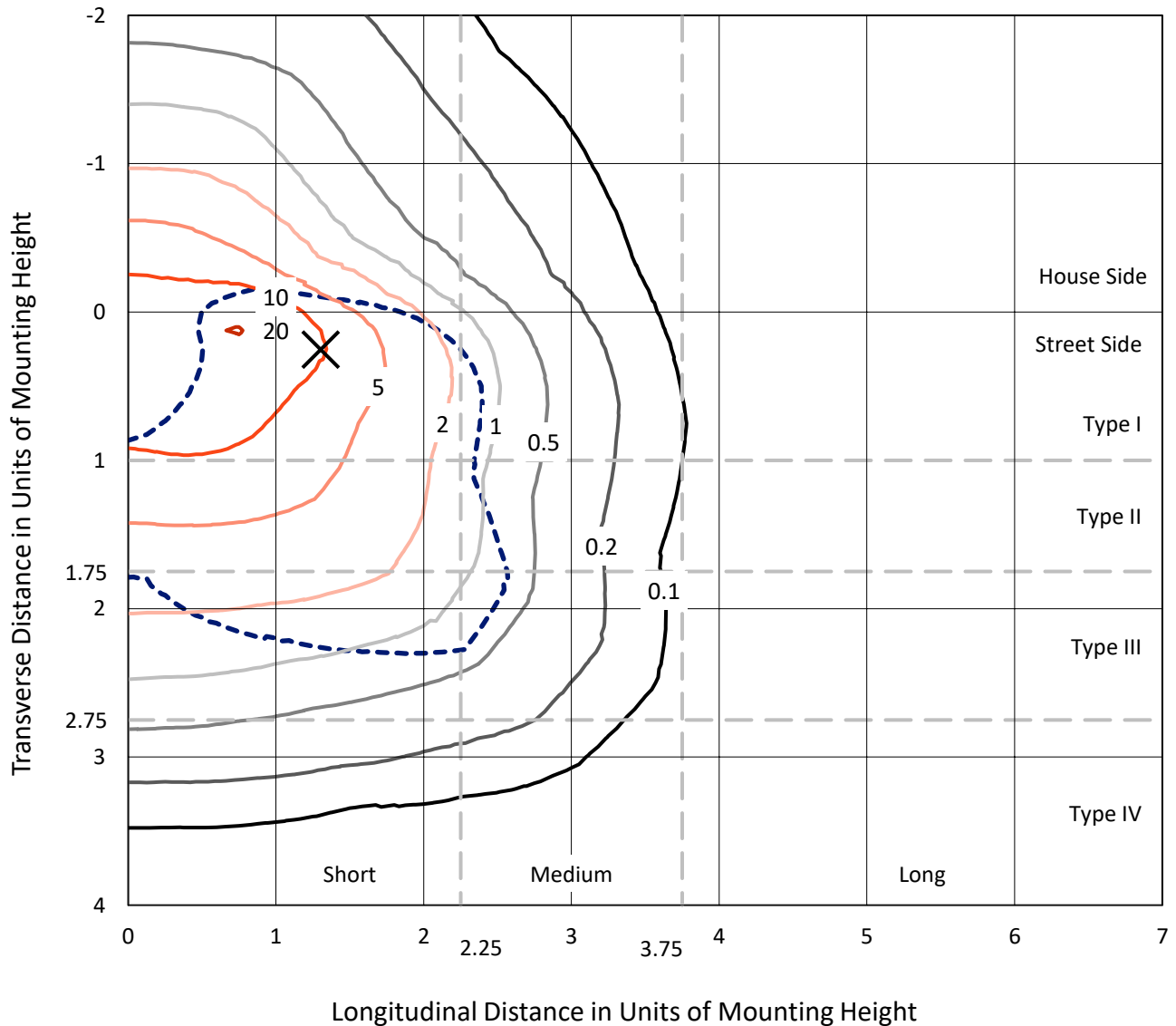
Lumens per Lamp: N/A  
Luminaire Lumens: 80243.5 lumens  
Efficiency: N/A  
Efficacy: 137.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B5 - U0 - G5  
  
Input Watts (W): 584.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB8D-730-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

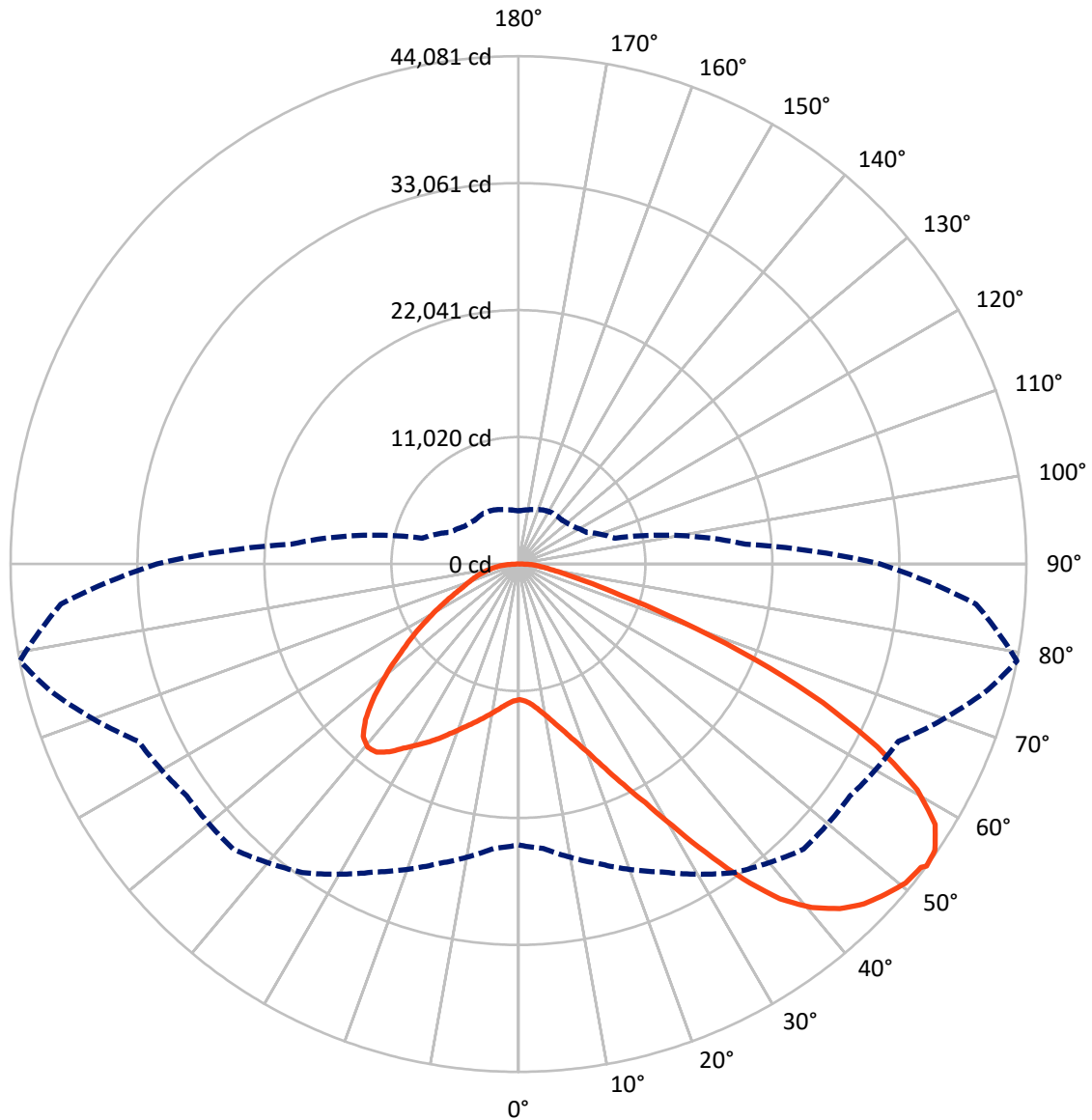


Based on 30 foot mounting height. Maximum calculated value = 20.4 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 53-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	20228.8	0.0	20228.8
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	60014.7	0.0	60014.7
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	80243.5	0.0	80243.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1122.4	1.4
10°-20°	3475.8	4.3
20°-30°	6645.5	8.3
30°-40°	11409.7	14.2
40°-50°	15981.5	19.9
50°-60°	18137.0	22.6
60°-70°	15905.0	19.8
70°-80°	6219.1	7.8
80°-90°	1347.5	1.7
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°	80243.5	100.0
0°-180°	80243.5	100.0



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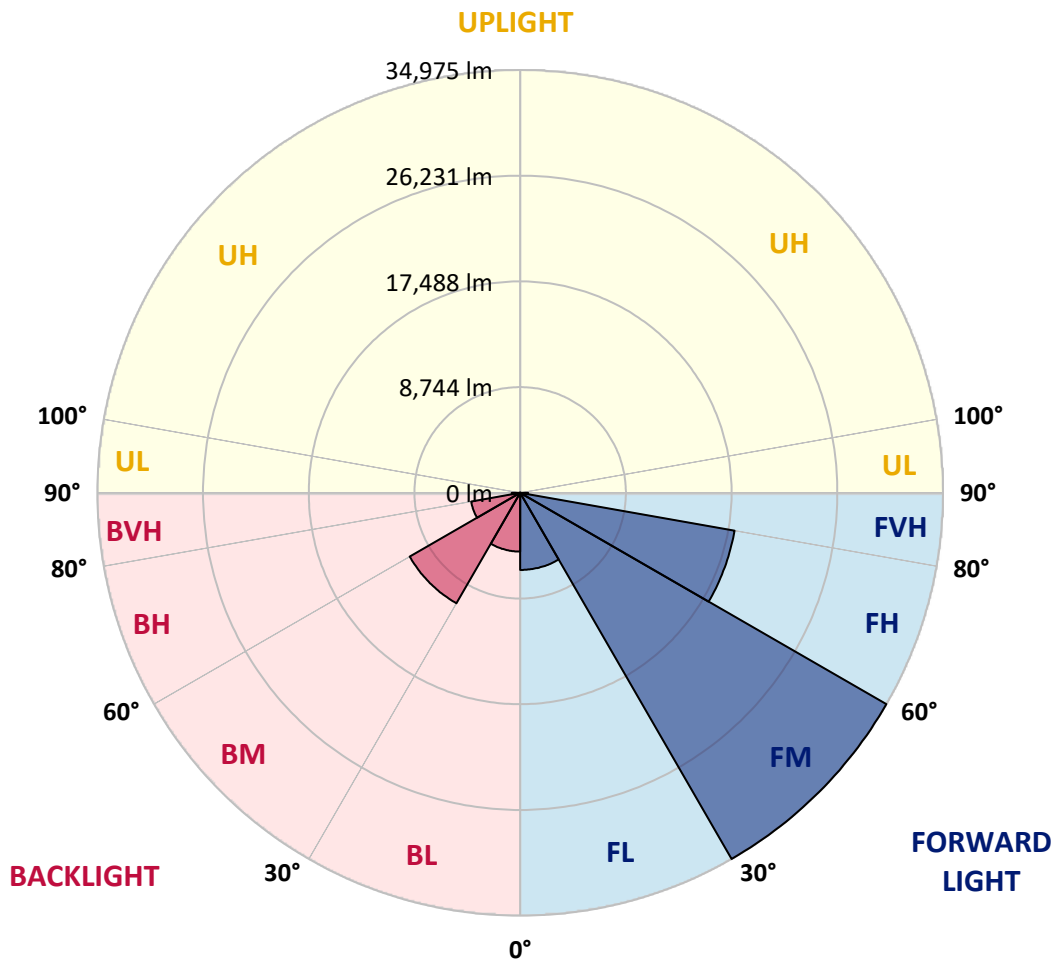
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	6378.6	7.9			
FM	(30°-60°)	34975.3	43.6			
FH	(60°-80°)	18007.2	22.4			G5
FVH	(80°-90°)	653.6	0.8			G4/750
BL	(0°-30°)	4865.1	6.1	B4/5000		
BM	(30°-60°)	10552.9	13.2	B5		
BH	(60°-80°)	4116.9	5.1	B4/5000		G4/5000
BVH	(80°-90°)	693.9	0.9			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0
2.5°	11797.8	11797.8	11726.3	11797.8	11762.1	11815.7	11851.5	11851.5	11923.0	11905.1	11905.1
5°	11601.2	11565.5	11547.6	11672.7	11744.2	11887.2	12048.1	12119.6	12244.7	12244.7	12262.6
7.5°	11082.8	11064.9	11154.3	11404.6	11637.0	11994.5	12334.1	12530.7	12727.4	12763.1	12763.1
10°	10761.1	10743.2	10850.4	11154.3	11529.7	12048.1	12584.4	12995.5	13317.2	13406.6	13406.6
12.5°	10761.1	10761.1	10850.4	11154.3	11547.6	12173.2	12906.1	13603.3	14103.8	14211.0	14175.3
15°	11064.9	11047.1	11154.3	11476.1	11851.5	12441.3	13335.1	14264.7	14943.9	15140.6	15158.4
17.5°	11386.7	11368.8	11529.7	11940.8	12387.7	12977.6	13889.3	15033.3	15998.6	16248.8	16302.5
20°	11887.2	11869.3	12066.0	12459.2	13013.4	13692.6	14640.0	15944.9	17285.6	17553.7	17625.2
22.5°	12459.2	12477.1	12691.6	13174.2	13728.4	14622.2	15784.1	17232.0	18840.8	19251.9	19323.4
25°	13656.9	13603.3	13782.0	14121.6	14711.5	15784.1	17214.1	18787.2	20699.8	21200.3	21289.7
27.5°	15247.8	15158.4	15355.1	15694.7	16123.7	17124.7	18769.3	20521.1	22827.0	23452.7	23470.5
30°	16677.8	16624.2	16892.3	17589.5	18036.4	18805.0	20556.8	22558.9	25454.7	26366.4	26402.1
32.5°	17911.3	17893.4	18393.9	19287.7	20306.6	21128.8	22827.0	25133.0	28779.6	29834.2	29601.8
35°	19091.0	19144.7	19770.3	20699.8	22058.4	23702.9	25419.0	28046.7	32283.2	33552.3	33176.9
37.5°	20288.7	20324.4	21146.7	22344.4	23774.4	25919.5	28225.4	31210.6	35322.0	36895.0	36072.8
40°	21397.0	21504.2	22612.5	23899.5	25758.6	27939.4	30513.5	33409.3	37663.7	39218.9	38325.1
42.5°	22505.3	22666.1	23863.8	25633.5	27617.7	29887.8	32104.4	34750.0	39165.2	40899.1	39522.7
45°	23649.3	23756.5	25240.2	27081.4	29333.7	31425.1	33016.1	35608.0	40202.0	42078.9	40202.0
47.5°	24417.9	24632.4	26259.1	28386.3	30638.6	32604.9	33748.9	35965.5	40863.4	42847.6	40452.3
50°	24721.8	25025.7	26777.5	29137.1	31711.1	33713.2	34321.0	36162.1	41596.3	43526.8	40398.6
52.5°	24668.2	24954.2	26866.9	29476.7	32569.2	34732.1	34875.1	36376.6	42114.7	43759.2	39933.9
53°	24382.2	24775.4	26920.5	29494.6	32694.3	35000.2	35125.4	36394.5	42186.2	44081.0	39862.4
55°	23399.0	23613.5	26366.4	29476.7	33284.2	36001.3	35822.5	36930.8	42382.8	43866.5	39075.8
57.5°	22505.3	22719.8	25115.1	29137.1	33766.8	37413.4	36948.7	36841.4	41310.3	42650.9	37091.7
60°	21933.2	22004.7	24024.7	28064.5	33570.2	38396.6	37681.6	35786.8	38664.7	39773.0	33605.9
62.5°	21450.6	21432.7	23220.3	26527.2	32819.4	38539.6	37824.6	33176.9	34785.7	34964.5	28958.3
65°	20360.2	20235.1	21969.0	24793.3	31264.3	37896.1	36072.8	29226.4	29637.6	29047.7	23256.0
67.5°	18197.3	17929.1	19466.4	22147.7	28100.3	36072.8	32730.0	24632.4	23363.3	22183.5	17518.0
70°	13031.2	13031.2	14264.7	16946.0	22558.9	31174.9	28100.3	18644.1	16088.0	15033.3	11708.5
72.5°	6381.6	6542.4	7829.5	10010.3	15122.7	22630.4	21522.1	12083.8	9760.0	9241.6	7507.7
75°	2717.1	2735.0	3342.7	4433.1	7668.6	13388.8	13478.1	6971.4	6256.4	6006.2	4969.4
77.5°	1894.8	1930.6	2198.7	2609.8	3646.6	6149.2	7007.2	4218.6	4200.7	4022.0	3539.3
80°	1447.9	1483.7	1662.4	1948.4	2448.9	3146.1	3628.7	2860.1	3003.1	2824.3	2556.2
82.5°	1090.4	1126.2	1251.3	1465.8	1751.8	2109.3	2037.8	2109.3	2216.6	2109.3	1841.2
85°	732.9	750.8	840.1	1018.9	1126.2	1269.2	1269.2	1537.3	1608.8	1573.0	1447.9
87.5°	375.4	375.4	446.9	536.3	572.0	589.9	518.4	679.3	768.6	840.1	679.3
90°	0.0	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0	11780.0
2.5°	11905.1	11923.0	11869.3	11851.5	11833.6	11744.2	11744.2	11654.8	11637.0	11654.8	11601.2
5°	12298.3	12262.6	12119.6	12012.3	11887.2	11637.0	11493.9	11297.3	11243.7	11190.1	11136.4
7.5°	12781.0	12727.4	12477.1	12191.1	11851.5	11368.8	11100.7	10778.9	10671.7	10582.3	10546.5
10°	13388.8	13281.5	12888.2	12280.5	11654.8	11064.9	10689.6	10296.3	10117.5	10081.8	9992.4
12.5°	14175.3	13978.6	13245.7	12298.3	11476.1	10707.4	10296.3	9992.4	9920.9	9903.0	9813.7
15°	15051.2	14765.2	13585.4	12316.2	11243.7	10403.5	10153.3	9992.4	9992.4	9974.5	9920.9
17.5°	16123.7	15658.9	13907.1	12244.7	10957.7	10314.2	10189.0	10046.0	10010.3	10028.2	9956.7
20°	17410.7	16642.1	14246.8	12155.3	10832.6	10332.0	10189.0	9992.4	9903.0	9885.2	9831.5
22.5°	18894.4	17768.2	14622.2	12012.3	10832.6	10314.2	10081.8	9813.7	9634.9	9563.4	9491.9
25°	20592.6	19073.2	15015.4	11958.7	10868.3	10242.7	9867.3	9438.3	9152.3	9045.0	8991.4
27.5°	22648.3	20449.6	15301.4	12012.3	10850.4	10081.8	9491.9	8937.8	8616.0	8437.2	8401.5
30°	24918.5	21933.2	15498.1	12101.7	10743.2	9777.9	9045.0	8419.4	7972.5	7758.0	7704.3
32.5°	27599.8	23595.7	15694.7	12101.7	10475.0	9348.9	8526.6	7847.3	7382.6	7132.3	7096.6
35°	30567.1	25633.5	15873.4	12083.8	10153.3	8884.1	8008.2	7311.1	6828.4	6578.2	6560.3
37.5°	33087.6	27170.8	15962.8	11905.1	9706.4	8347.9	7525.6	6828.4	6327.9	6059.8	6041.9
40°	34642.7	27814.3	15784.1	11547.6	9170.1	7793.7	6989.3	6345.8	5845.3	5523.5	5452.0
42.5°	35232.6	27510.4	15212.1	10957.7	8526.6	7239.6	6542.4	5863.2	5201.8	4933.6	4880.0
45°	35036.0	26330.6	13996.5	10117.5	7811.6	6739.1	6149.2	5380.5	4951.5	4719.1	4701.3
47.5°	34374.6	24507.3	12477.1	9062.9	7060.8	6292.2	5630.8	5255.4	4862.1	4611.9	4594.0
50°	33212.7	22558.9	10653.8	7865.2	6381.6	5827.4	5505.7	5201.8	4880.0	4683.4	4647.6
52.5°	31729.0	20360.2	8973.5	6703.3	5791.7	5416.3	5380.5	5166.0	4915.8	4701.3	4611.9
53°	31389.4	19788.2	8651.7	6506.7	5702.3	5362.7	5344.8	5166.0	4880.0	4683.4	4611.9
55°	29762.7	18018.5	7632.8	5809.5	5255.4	5183.9	5344.8	5148.1	4790.6	4629.8	4576.1
57.5°	27152.9	15694.7	6649.7	5166.0	4790.6	4969.4	5291.1	5076.6	4683.4	4397.4	4308.0
60°	24006.8	13031.2	5898.9	4737.0	4451.0	4701.3	5076.6	4826.4	4290.1	4147.1	4129.2
62.5°	20252.9	10546.5	5326.9	4379.5	4165.0	4415.2	4754.9	4325.9	3932.6	3825.4	3789.6
65°	15819.8	8383.6	4880.0	4111.4	3879.0	4075.6	4308.0	4039.9	3789.6	3700.2	3682.4
67.5°	11762.1	6578.2	4522.5	3879.0	3593.0	3718.1	3986.2	3914.7	3700.2	3646.6	3628.7
70°	8115.5	5344.8	4200.7	3664.5	3235.5	3378.5	3789.6	3843.2	3628.7	3593.0	3575.1
72.5°	5684.4	4522.5	3861.1	3432.1	2949.5	3092.5	3700.2	3700.2	3467.8	3521.5	3485.7
75°	4272.2	3807.5	3467.8	3146.1	2591.9	2806.5	3575.1	3539.3	3307.0	3539.3	3450.0
77.5°	3217.6	3074.6	3003.1	2788.6	2270.2	2484.7	3324.8	3253.3	2949.5	2967.3	2806.5
80°	2341.7	2377.4	2574.1	2377.4	1894.8	2055.7	2806.5	2770.7	2395.3	2466.8	2270.2
82.5°	1680.3	1769.7	2198.7	1912.7	1376.4	1465.8	1930.6	2091.4	1876.9	1769.7	1805.4
85°	1269.2	1322.8	1769.7	1412.2	858.0	965.3	1322.8	1501.5	1465.8	1358.5	1376.4
87.5°	536.3	607.8	822.3	661.4	500.5	500.5	822.3	1054.7	947.4	804.4	840.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 10/15/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: McGraw-Edison  
 Catalog Number: **GSS-SB1A-730-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2985  
 CIE u': 0.2504  
 CIE v': 0.5243  
 Duv: 0.0019  
 CIE x: 0.4408  
 CIE y: 0.4101  
 CIE z: 0.1491  
 Peak Wavelength (nm): 595  
 Dominant Wavelength (nm): 582  
 Purity: 55.41818  
 Rf: 73.8  
 Rg: 94.4

CRI (Ra):	70.8		
R1:	66.3	R9:	-43.2
R2:	80.6	R10:	57.6
R3:	94.5	R11:	64.8
R4:	68.2	R12:	53.5
R5:	66.5	R13:	68.7
R6:	74.7	R14:	97.0
R7:	76.2	R15:	56.4
R8:	39.6		



**Test Conditions**

Stabilization Time: 36M  
 Operation Time: 1H 36M  
 Sphere Temperature (°C): 25.2

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 2985K  
 CIE x = 0.4408  
 CIE y = 0.4101  
 Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.19**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

**Summary**

$R_f = 73.8$   
 $R_g = 94.4$   
 CIE  $R_a = 70.8$   
 $R_g = -43.2$



**Color Vector Graphics**



**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)