

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: P1457044

Luminaire Tested: GLAN-SB8B-730-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457044  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8B-730-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 8xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (208) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 44552.8 lumens  
Efficiency: N/A  
Efficacy: 152.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G4

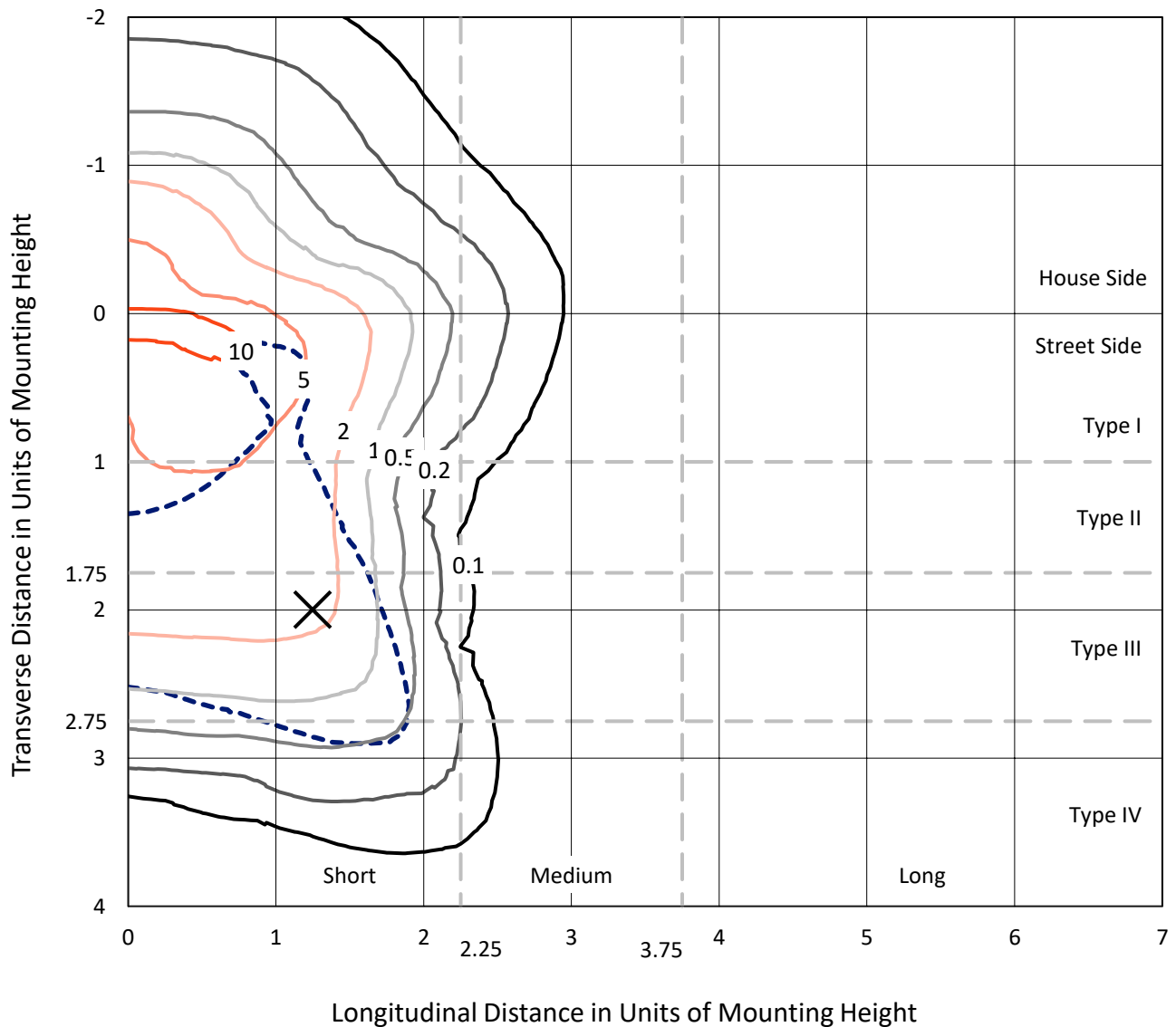
Input Watts (W): 292.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB8B-730-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

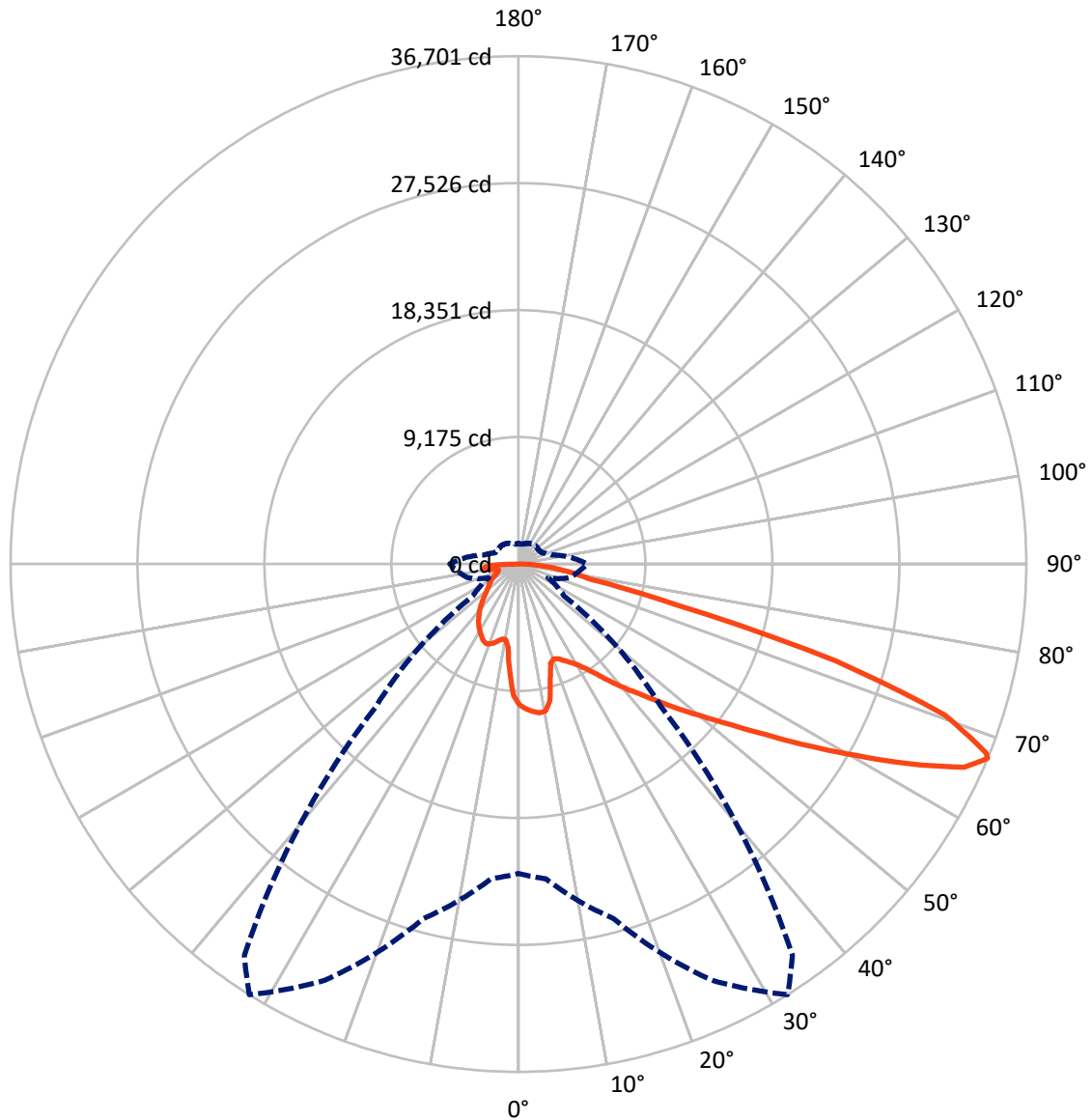


Based on 30 foot mounting height. Maximum calculated value = 12.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10547.7	0.0	10547.7
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	34005.1	0.0	34005.1
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	44552.8	0.0	44552.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	889.4	2.0
10°-20°	2361.5	5.3
20°-30°	3856.5	8.7
30°-40°	5684.1	12.8
40°-50°	7838.6	17.6
50°-60°	9902.6	22.2
60°-70°	9583.9	21.5
70°-80°	3420.4	7.7
80°-90°	1015.7	2.3
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°	44552.8	100.0
0°-180°	44552.8	100.0



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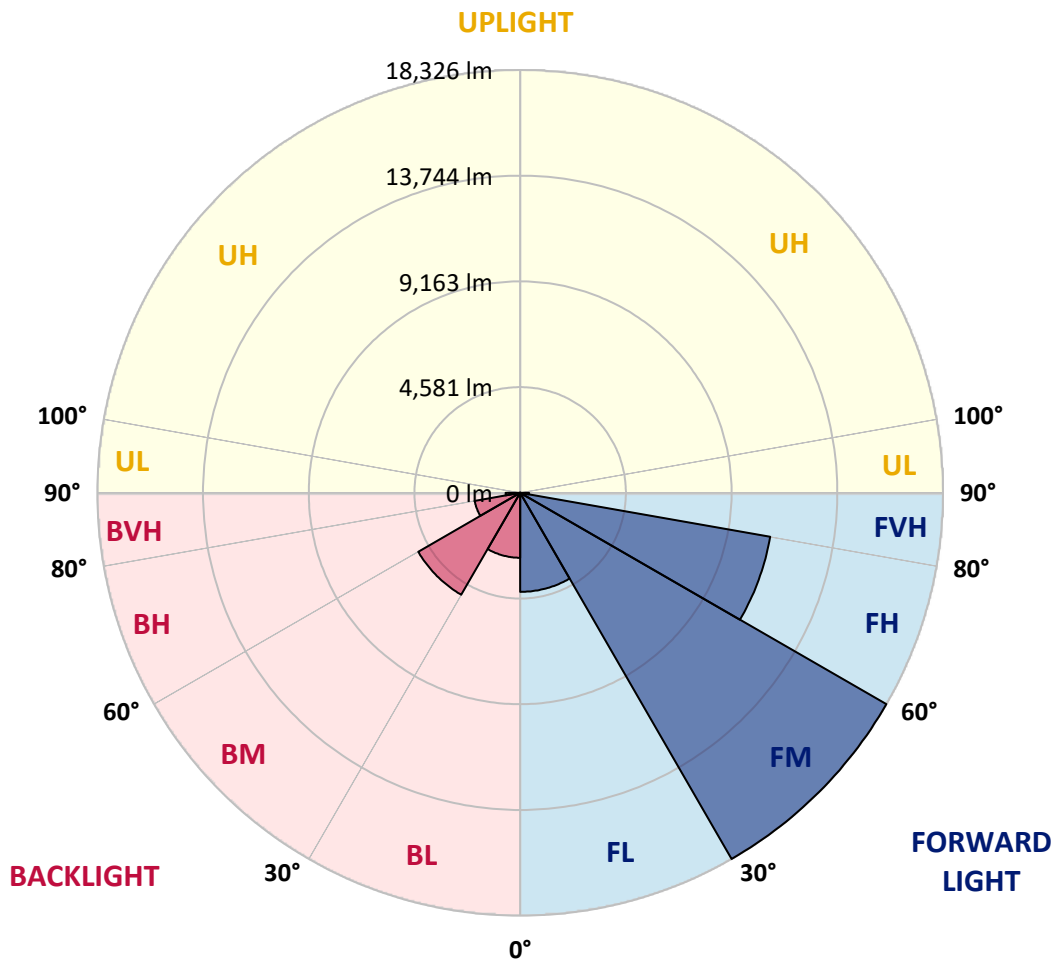
CATALOG NUMBER: GLAN-SB8B-730-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4292.8	9.6			
FM	(30°-60°)	18326.0	41.1			
FH	(60°-80°)	11003.6	24.7			G4/12000
FVH	(80°-90°)	382.7	0.9			G3/500
BL	(0°-30°)	2814.7	6.3	B4/5000		
BM	(30°-60°)	5099.3	11.4	B4/8500		
BH	(60°-80°)	2000.7	4.5	B3/2500		G3/2500
BVH	(80°-90°)	633.0	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4
2.5°	10565.2	10535.6	10505.9	10525.7	10486.1	10476.2	10426.7	10407.0	10347.6	10337.7	10228.9
5°	10782.9	10723.5	10713.6	10733.4	10693.8	10693.8	10654.3	10624.6	10535.6	10486.1	10327.8
7.5°	10782.9	10773.0	10792.8	10862.0	10871.9	10871.9	10871.9	10881.8	10792.8	10723.5	10476.2
10°	10169.5	10070.6	10288.2	10634.5	10802.7	10901.6	11079.6	11188.5	11119.2	11069.8	10733.4
12.5°	8339.4	8349.3	8695.5	9437.5	10110.2	10397.1	11139.0	11534.7	11564.4	11485.2	11059.9
15°	7073.2	7122.6	7300.7	7834.9	8606.5	9031.9	10792.8	11841.4	12078.8	11999.7	11455.6
17.5°	6687.4	6717.0	6796.2	7102.8	7538.1	7884.4	9853.0	12039.2	12702.0	12603.1	11900.7
20°	6628.0	6647.8	6746.7	7003.9	7300.7	7498.5	8893.4	11880.9	13285.7	13246.1	12306.3
22.5°	6637.9	6657.7	6786.3	7142.4	7449.1	7617.3	8586.7	11514.9	13899.0	13938.6	12721.8
25°	6657.7	6667.6	6865.4	7340.3	7726.1	7933.8	8784.6	11188.5	14413.4	14749.8	13176.9
27.5°	6766.5	6796.2	7063.3	7597.5	8052.5	8289.9	9249.5	11297.3	14977.3	15669.8	13721.0
30°	7063.3	7083.1	7409.5	7963.5	8458.1	8705.4	9803.5	11732.6	15669.8	16619.5	14255.2
32.5°	7528.2	7548.0	7923.9	8497.7	9031.9	9328.7	10525.7	12563.5	16441.4	17618.6	14789.3
35°	8171.2	8181.1	8606.5	9219.8	9783.7	10120.1	11366.5	13503.3	17242.7	18469.4	15185.1
37.5°	8933.0	9002.2	9437.5	10080.5	10743.3	11050.0	12355.8	14601.4	17955.0	19191.5	15412.6
40°	9981.6	10001.4	10426.7	11050.0	11752.3	12049.1	13345.0	15640.1	18736.5	19616.9	15620.3
42.5°	11059.9	11228.0	11584.2	12276.6	12800.9	13038.4	14472.8	16589.8	19359.7	19636.7	15531.3
45°	12504.2	12632.8	12988.9	13602.2	14126.5	14403.5	15689.6	17460.3	19676.3	19468.5	15333.4
47.5°	14156.2	14235.4	14522.3	15076.2	15659.9	15857.7	16955.8	17955.0	19795.0	19349.8	15244.4
50°	16105.1	16105.1	16312.8	16787.6	17321.8	17598.8	18123.1	18251.7	20141.2	19142.1	15471.9
52.5°	17747.2	17826.4	18103.4	18776.0	19310.2	19626.8	19033.2	18706.8	19438.8	17984.6	15541.2
55°	19320.1	19409.2	20032.4	20873.3	21783.4	22129.6	20170.9	18479.3	17074.5	16293.0	15066.3
57.5°	20823.8	21011.8	21793.3	23435.4	24810.5	24780.8	21615.2	16441.4	13938.6	14423.3	14027.6
60°	22921.0	23118.9	24365.3	26432.9	28114.6	27412.2	21635.0	13681.4	10862.0	11514.9	12078.8
62.5°	24672.0	25008.3	26838.5	30281.1	31824.3	30726.2	19844.4	10476.2	7211.7	8032.7	9338.6
65°	24513.7	24958.9	27798.0	33110.3	35415.3	34396.4	17222.9	6628.0	3719.6	5490.4	6539.0
67°	22357.1	22841.9	26521.9	33209.3	36701.3	34525.0	14542.0	4006.5	2364.3	3808.6	4540.7
67.5°	21120.6	21832.8	25888.8	33021.3	36463.9	33980.9	13335.1	3353.6	2225.8	3541.5	4135.1
70°	12988.9	14136.4	19429.0	29192.9	32685.0	28441.1	7409.5	1899.4	1810.3	2374.2	2858.9
72.5°	3907.6	4253.8	7498.5	18726.6	23989.4	21081.0	3333.8	1464.1	1622.4	1909.3	2206.0
75°	1899.4	2028.0	3096.4	7656.8	11683.1	11623.7	1859.8	1256.4	1503.7	1602.6	1741.1
77.5°	1216.8	1295.9	1929.0	4283.5	5351.9	4768.2	1345.4	1098.1	1335.5	1315.7	1295.9
80°	761.7	801.3	1236.6	2483.0	3947.1	3294.2	989.3	900.2	1147.5	1018.9	920.0
82.5°	494.6	544.1	791.4	1513.6	2819.4	2453.4	652.9	643.0	949.7	811.2	712.3
85°	326.5	366.0	504.5	890.3	1671.8	1751.0	425.4	445.2	732.0	613.3	544.1
87.5°	118.7	148.4	257.2	395.7	781.5	969.5	178.1	168.2	356.1	286.9	227.5
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°	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4	10179.4
2.5°	10209.1	10179.4	10040.9	9922.2	9833.2	9714.5	9585.9	9437.5	9338.6	9358.3	9328.7
5°	10258.6	10179.4	9912.3	9506.7	9111.0	8616.4	7983.3	7607.4	7320.5	7172.1	7211.7
7.5°	10367.4	10228.9	9665.0	8843.9	7815.1	6806.1	6182.8	5826.7	5658.5	5589.3	5579.4
10°	10555.3	10317.9	9348.5	7815.1	6469.7	5787.1	5559.6	5460.7	5440.9	5440.9	5431.0
12.5°	10782.9	10407.0	8814.3	6816.0	5826.7	5579.4	5539.8	5549.7	5579.4	5609.1	5559.6
15°	11059.9	10446.5	8151.5	6212.5	5698.1	5638.7	5698.1	5767.4	5816.8	5856.4	5806.9
17.5°	11336.9	10407.0	7528.2	5925.6	5717.9	5797.0	5915.7	6024.6	6054.2	6113.6	6074.0
20°	11534.7	10268.5	6994.0	5816.8	5767.4	5945.4	6093.8	6212.5	6271.9	6311.4	6271.9
22.5°	11683.1	10090.4	6608.2	5708.0	5767.4	5985.0	6163.1	6301.5	6370.8	6410.4	6360.9
25°	11811.7	9843.1	6311.4	5549.7	5648.6	5856.4	6054.2	6192.7	6291.7	6351.0	6321.3
27.5°	11970.0	9645.2	6034.5	5312.3	5401.3	5599.2	5806.9	5975.1	6163.1	6262.0	6242.2
30°	12148.0	9546.3	5767.4	5055.1	5114.4	5312.3	5559.6	5787.1	6044.3	6172.9	6172.9
32.5°	12355.8	9477.1	5520.0	4807.8	4857.2	5074.9	5312.3	5520.0	5797.0	6004.8	5994.9
35°	12444.8	9397.9	5322.2	4580.2	4679.2	4857.2	5045.2	5183.7	5470.6	5717.9	5737.7
37.5°	12533.8	9368.2	5223.3	4402.2	4481.3	4619.8	4718.7	4788.0	5055.1	5312.3	5322.2
40°	12642.7	9506.7	5292.5	4283.5	4214.2	4352.7	4402.2	4441.8	4580.2	4748.4	4748.4
42.5°	12573.4	9605.7	5450.8	4174.7	3887.8	4046.0	4065.8	4055.9	4065.8	4075.7	4065.8
45°	12395.4	9506.7	5450.8	4006.5	3541.5	3709.7	3699.8	3650.3	3571.2	3363.5	3333.8
47.5°	12355.8	9447.4	5243.0	3729.5	3195.3	3333.8	3353.6	3254.6	3027.1	2809.5	2740.2
50°	12524.0	9556.2	4916.6	3393.1	2898.5	3017.2	3066.7	2898.5	2641.3	2413.8	2374.2
52.5°	12771.3	9694.7	4441.8	3027.1	2651.2	2769.9	2829.3	2641.3	2374.2	2196.1	2176.4
55°	12741.6	9694.7	3907.6	2690.8	2463.2	2552.3	2651.2	2453.4	2245.6	2146.7	2136.8
57.5°	12098.6	9328.7	3511.9	2453.4	2285.2	2364.3	2492.9	2305.0	2107.1	2126.9	2156.6
60°	10842.2	8379.0	3215.1	2295.1	2126.9	2206.0	2344.5	2126.9	1869.7	1800.4	1800.4
62.5°	8933.0	6905.0	2977.7	2136.8	1978.5	2077.4	2146.7	1859.8	1691.6	1612.5	1612.5
65°	6697.3	5342.0	2730.3	2008.2	1849.9	1958.7	1879.6	1741.1	1572.9	1513.6	1523.5
67°	4966.1	4145.0	2522.6	1899.4	1770.8	1820.2	1760.9	1661.9	1493.8	1444.3	1493.8
67.5°	4461.5	3937.2	2473.1	1869.7	1751.0	1790.5	1731.2	1652.1	1474.0	1424.5	1474.0
70°	3066.7	3027.1	2206.0	1731.2	1642.2	1602.6	1632.3	1533.3	1385.0	1365.2	1414.6
72.5°	2334.6	2413.8	1978.5	1612.5	1523.5	1474.0	1543.2	1444.3	1295.9	1325.6	1375.1
75°	1830.1	1948.8	1770.8	1444.3	1385.0	1394.8	1533.3	1493.8	1375.1	1404.7	1414.6
77.5°	1355.3	1572.9	1513.6	1256.4	1206.9	1345.4	1731.2	1849.9	1642.2	1592.7	1523.5
80°	989.3	1127.7	1276.1	1038.7	1009.0	1295.9	2136.8	2364.3	2028.0	1830.1	1780.7
82.5°	732.0	791.4	1048.6	831.0	732.0	1157.4	2374.2	2779.8	2413.8	2037.9	1978.5
85°	524.3	613.3	831.0	613.3	484.7	949.7	2324.7	2720.4	2394.0	1929.0	1879.6
87.5°	188.0	267.1	356.1	277.0	247.3	652.9	1919.2	1958.7	1493.8	682.6	692.5
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

REPORT NUMBER: SP1-2407-184-4

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



Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



Photopic Luminous Efficacy Function

**Photopic Lumens: NR**

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			

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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

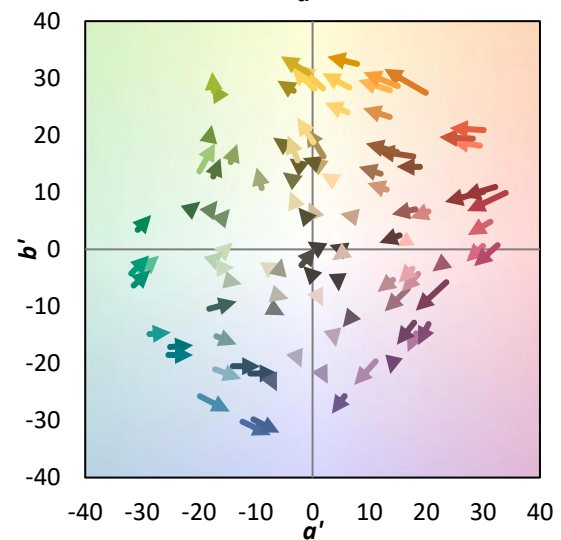
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	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)