

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: P1455872

Luminaire Tested: GLAN-SB3B-730-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1455872  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-730-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (78) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

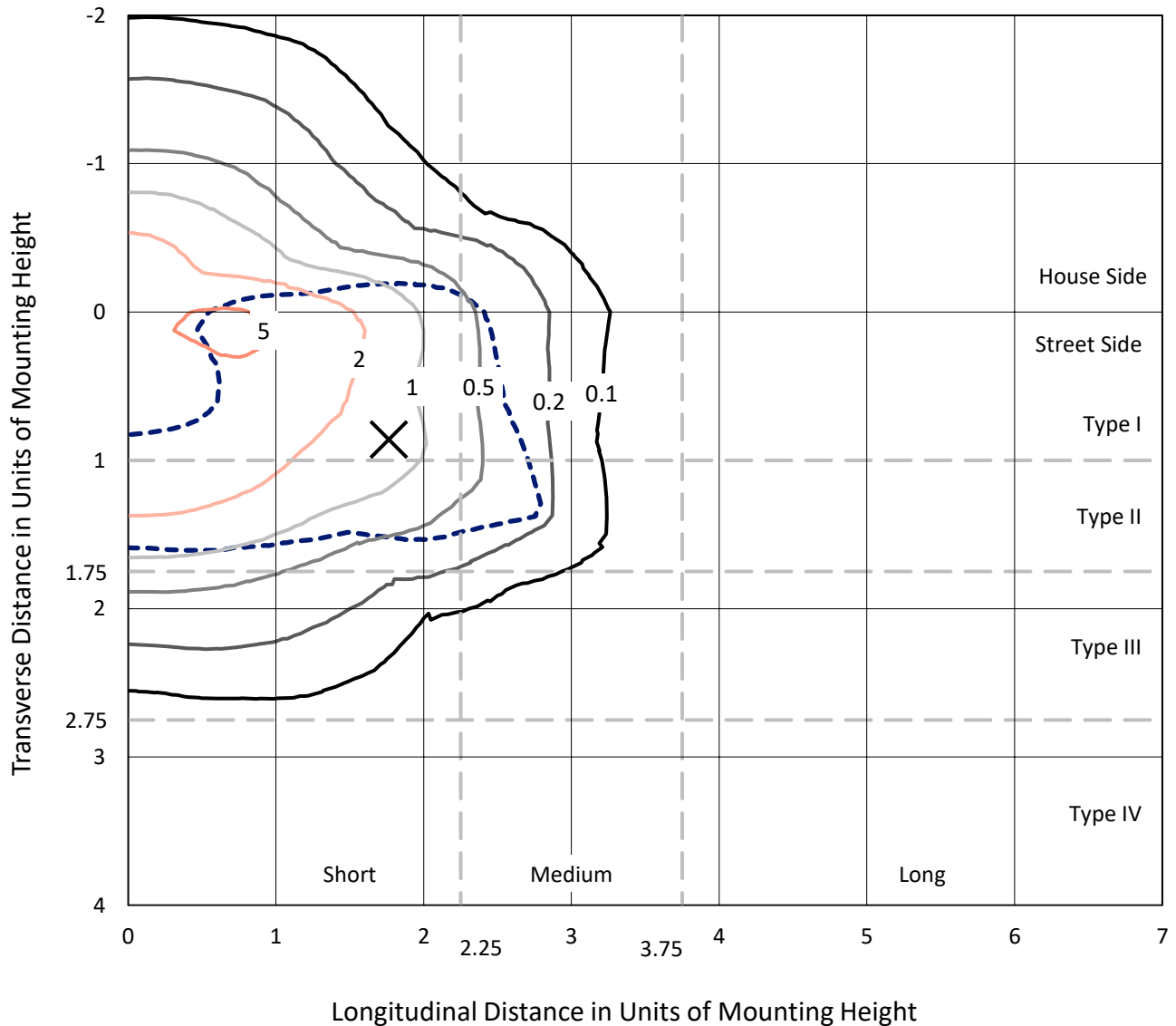
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16340.9 lumens  
Efficiency: N/A  
Efficacy: 149.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 109.2  
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-SB3B-730-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

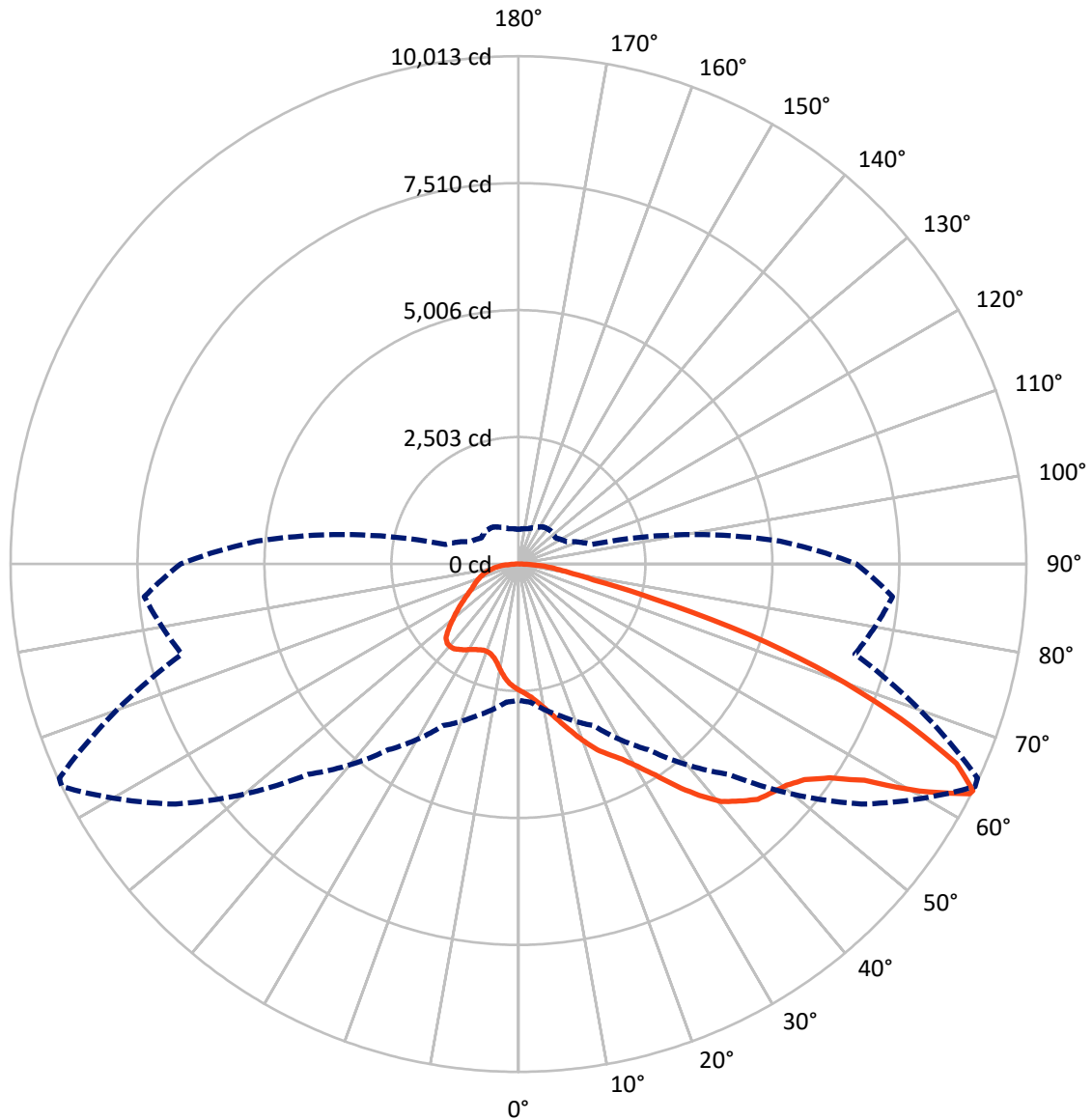
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4390.4	0.0	4390.4
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	11950.6	0.0	11950.6
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	16340.9	0.0	16340.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	228.5	1.4
10°-20°	703.4	4.3
20°-30°	1286.3	7.9
30°-40°	2212.6	13.5
40°-50°	3263.0	20.0
50°-60°	3910.9	23.9
60°-70°	3138.8	19.2
70°-80°	1261.3	7.7
80°-90°	336.3	2.1
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°	16340.9	100.0
0°-180°	16340.9	100.0



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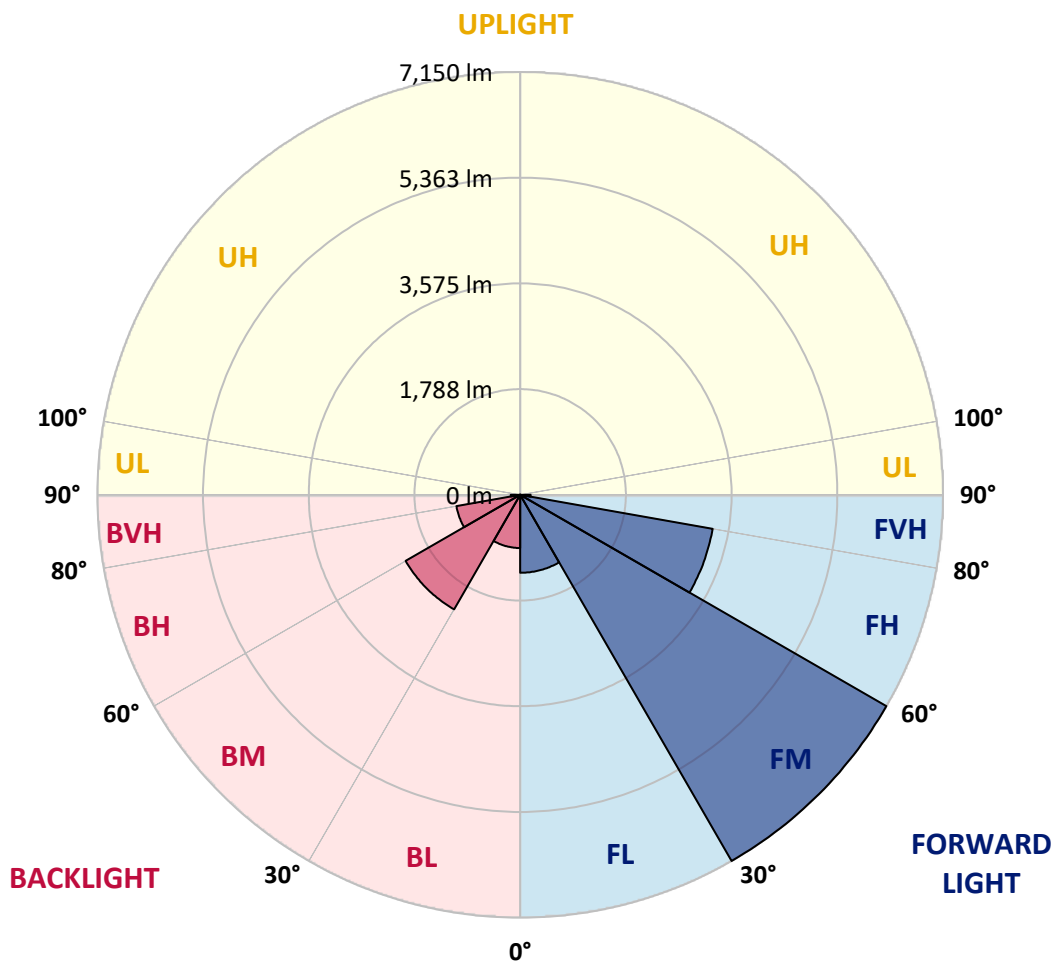
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1318.4	8.1			
FM (30°-60°)	7150.0	43.8			
FH (60°-80°)	3305.5	20.2			G2/5000
FVH (80°-90°)	176.7	1.1			G2/225
BL (0°-30°)	899.7	5.5	B2/1000		
BM (30°-60°)	2236.4	13.7	B2/2500		
BH (60°-80°)	1094.7	6.7	B3/2500		G3/2500
BVH (80°-90°)	159.6	1.0			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5
2.5°	2591.3	2595.0	2584.0	2580.3	2587.6	2573.0	2569.3	2554.6	2547.3	2532.6	2514.2
5°	2664.7	2668.4	2661.0	2661.0	2668.4	2657.4	2653.7	2639.0	2631.7	2617.0	2580.3
7.5°	2661.0	2664.7	2672.1	2701.4	2738.1	2752.8	2763.8	2752.8	2749.1	2727.1	2690.4
10°	2602.3	2606.0	2624.3	2668.4	2760.1	2826.2	2896.0	2896.0	2903.3	2884.9	2818.9
12.5°	2521.6	2525.2	2569.3	2639.0	2760.1	2873.9	3017.1	3075.8	3072.1	3061.1	2984.0
15°	2327.0	2327.0	2393.1	2525.2	2719.8	2907.0	3119.8	3277.7	3281.3	3292.4	3200.6
17.5°	2161.9	2165.5	2220.6	2338.1	2591.3	2888.6	3230.0	3501.6	3512.6	3575.0	3442.8
20°	2176.6	2176.6	2194.9	2246.3	2451.8	2815.2	3292.4	3740.1	3776.9	3923.7	3758.5
22.5°	2290.3	2290.3	2305.0	2301.3	2426.1	2767.5	3332.7	3978.7	4044.8	4349.4	4136.6
25°	2499.5	2495.9	2481.2	2459.2	2532.6	2818.9	3424.5	4162.2	4290.7	4819.2	4573.3
27.5°	2756.5	2749.1	2727.1	2690.4	2741.8	2973.0	3582.3	4356.8	4496.3	5333.1	5035.8
30°	3075.8	3053.8	3031.8	2984.0	3039.1	3226.3	3817.2	4632.1	4764.2	5916.7	5593.7
32.5°	3453.9	3479.5	3406.1	3340.1	3398.8	3571.3	4165.9	4958.7	5101.9	6526.0	6173.6
35°	4019.1	4096.2	4074.2	3740.1	3795.2	3986.1	4573.3	5380.8	5509.3	7080.2	6768.2
37.5°	4577.0	4558.6	4577.0	4298.1	4210.0	4441.2	5010.1	5784.6	5909.4	7531.7	7293.1
40°	5024.8	5079.8	5079.8	4852.3	4738.5	4892.7	5406.5	6155.3	6276.4	7781.3	7671.2
42.5°	5513.0	5520.3	5505.6	5307.4	5263.4	5303.7	5755.2	6390.2	6489.3	7909.7	7928.1
45°	6063.5	6059.8	5997.5	5832.3	5766.2	5729.5	5971.8	6617.8	6716.9	7968.5	8067.6
47.5°	6518.6	6537.0	6540.7	6364.5	6254.4	6096.6	6158.9	6731.5	6845.3	7902.4	8096.9
50°	6544.3	6573.7	6713.2	6764.6	6742.5	6489.3	6331.5	6852.7	6966.4	7917.1	8203.4
52.5°	6382.8	6412.2	6592.1	6804.9	7061.9	6940.7	6603.1	7061.9	7179.3	8060.2	8445.6
55°	5949.7	5997.5	6265.4	6562.7	7021.5	7194.0	7083.9	7439.9	7550.0	8174.0	8728.2
57.5°	5178.9	5237.7	5608.4	6081.9	6709.5	7135.3	7781.3	8045.5	8137.3	8254.8	8731.9
60°	3872.3	3920.0	4499.9	5138.6	6081.9	6768.2	8196.0	9084.3	9135.7	7818.0	8236.4
62.5°	2851.9	2899.6	3288.7	3747.5	4778.9	6092.9	8276.8	9983.5	9990.9	7028.8	7553.7
63°	2686.7	2734.5	3086.8	3516.3	4470.6	5865.3	8251.1	10012.9	9987.2	6867.3	7403.2
65°	2092.1	2176.6	2543.6	2870.3	3351.1	4668.8	7920.7	9491.7	9528.4	6390.2	6647.1
67.5°	1424.1	1486.5	1952.7	2330.7	2532.6	2973.0	6496.6	8122.6	8181.3	5894.7	5303.7
70°	1101.1	1130.5	1402.1	1846.2	2048.1	1890.3	4235.7	6540.7	6540.7	4602.7	3758.5
72.5°	862.5	873.6	1057.1	1442.5	1648.0	1453.5	2360.1	4756.9	4580.7	2730.8	2506.9
75°	616.6	631.3	796.5	1075.4	1314.0	1145.2	1508.5	2771.2	2664.7	1570.9	1673.7
77.5°	488.2	495.5	594.6	792.8	1064.4	873.6	1148.8	1512.2	1497.5	1104.8	1075.4
80°	385.4	400.1	466.1	568.9	822.2	682.7	855.2	998.4	969.0	759.8	690.0
82.5°	275.3	301.0	359.7	433.1	609.3	488.2	561.6	704.7	704.7	572.6	455.1
85°	168.8	190.9	212.9	267.9	433.1	315.7	297.3	455.1	466.1	429.4	293.6
87.5°	80.7	88.1	102.8	113.8	157.8	143.1	117.5	172.5	176.2	190.9	121.1
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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CATALOG NUMBER: GLAN-SB3B-730-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5	2488.5
2.5°	2510.6	2503.2	2466.5	2429.8	2389.4	2352.7	2316.0	2286.7	2253.6	2261.0	2264.6
5°	2558.3	2539.9	2459.2	2363.7	2239.0	2121.5	2007.7	1927.0	1875.6	1860.9	1831.5
7.5°	2661.0	2617.0	2470.2	2268.3	2037.1	1853.6	1747.1	1699.4	1684.7	1688.4	1681.0
10°	2778.5	2712.4	2484.9	2154.5	1860.9	1736.1	1721.4	1750.8	1765.5	1780.1	1783.8
12.5°	2932.7	2826.2	2477.5	2029.7	1776.5	1754.5	1809.5	1864.6	1897.6	1919.6	1916.0
15°	3112.5	2969.4	2455.5	1927.0	1765.5	1824.2	1893.9	1956.3	1996.7	2018.7	2007.7
17.5°	3329.1	3138.2	2429.8	1860.9	1798.5	1868.2	1941.6	2004.0	2048.1	2062.8	2051.8
20°	3597.0	3329.1	2385.8	1831.5	1824.2	1886.6	1952.7	2011.4	2048.1	2062.8	2048.1
22.5°	3912.7	3556.6	2349.1	1831.5	1835.2	1886.6	1934.3	1978.4	2011.4	2022.4	2004.0
25°	4316.4	3820.9	2334.4	1860.9	1838.9	1868.2	1893.9	1919.6	1938.0	1945.3	1938.0
27.5°	4727.5	4125.5	2341.7	1897.6	1835.2	1842.5	1842.5	1846.2	1849.9	1853.6	1849.9
30°	5201.0	4433.9	2371.1	1945.3	1842.5	1805.8	1794.8	1772.8	1754.5	1739.8	1725.1
32.5°	5659.8	4727.5	2422.5	2015.1	1835.2	1765.5	1743.4	1688.4	1637.0	1593.0	1593.0
35°	6155.3	5032.1	2514.2	2066.4	1827.9	1728.8	1666.4	1604.0	1548.9	1486.5	1486.5
37.5°	6581.0	5292.7	2587.6	2125.2	1820.5	1684.7	1585.6	1515.9	1457.2	1394.8	1387.4
40°	6878.3	5443.2	2631.7	2147.2	1794.8	1626.0	1508.5	1420.4	1336.0	1251.6	1247.9
42.5°	7021.5	5435.9	2606.0	2139.8	1747.1	1552.6	1442.5	1325.0	1211.2	1134.2	1126.8
45°	7098.6	5388.2	2506.9	2077.5	1670.0	1475.5	1358.1	1233.3	1119.5	1049.7	1035.1
47.5°	7083.9	5270.7	2371.1	1923.3	1567.3	1391.1	1273.6	1145.2	1053.4	1013.0	1013.0
50°	7124.3	5178.9	2216.9	1747.1	1427.8	1292.0	1196.6	1079.1	1024.0	972.7	954.3
52.5°	7304.1	5256.0	2084.8	1581.9	1295.7	1196.6	1130.5	1031.4	961.6	928.6	917.6
55°	7542.7	5421.2	1960.0	1435.1	1167.2	1112.1	1079.1	987.3	906.6	873.6	855.2
57.5°	7586.7	5535.0	1838.9	1292.0	1060.7	1046.1	1035.1	910.3	844.2	818.5	803.8
60°	7282.1	5450.6	1681.0	1163.5	976.3	983.7	954.3	862.5	785.5	759.8	745.1
62.5°	6764.6	5230.3	1523.2	1053.4	910.3	924.9	895.6	803.8	726.7	701.0	693.7
63°	6661.8	5171.6	1486.5	1042.4	895.6	913.9	888.2	796.5	719.4	693.7	682.7
65°	6048.8	4819.2	1358.1	983.7	847.9	847.9	851.5	759.8	693.7	682.7	675.4
67.5°	4933.0	4022.8	1218.6	913.9	796.5	807.5	825.8	774.5	748.8	741.4	734.1
70°	3729.1	3028.1	1097.5	847.9	741.4	778.1	902.9	880.9	785.5	719.4	704.7
72.5°	2642.7	2062.8	991.0	781.8	675.4	767.1	936.0	840.5	708.4	631.3	616.6
75°	1769.1	1328.7	884.6	712.1	601.9	708.4	884.6	767.1	616.6	598.3	576.3
77.5°	1112.1	947.0	778.1	631.3	521.2	631.3	803.8	682.7	532.2	539.6	506.5
80°	679.0	675.4	653.3	535.9	418.4	502.8	675.4	576.3	425.8	425.8	378.1
82.5°	403.7	488.2	554.2	444.1	304.6	359.7	488.2	433.1	356.0	345.0	323.0
85°	271.6	330.3	440.4	341.3	194.5	220.2	337.7	363.4	326.7	286.3	267.9
87.5°	99.1	132.1	201.9	139.5	84.4	132.1	253.3	264.3	198.2	154.2	139.5
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

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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**



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)