

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: P1456127

Luminaire Tested: GLAN-SB4A-840-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456127  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4A-840-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (104) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16634 lumens  
Efficiency: N/A  
Efficacy: 145.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

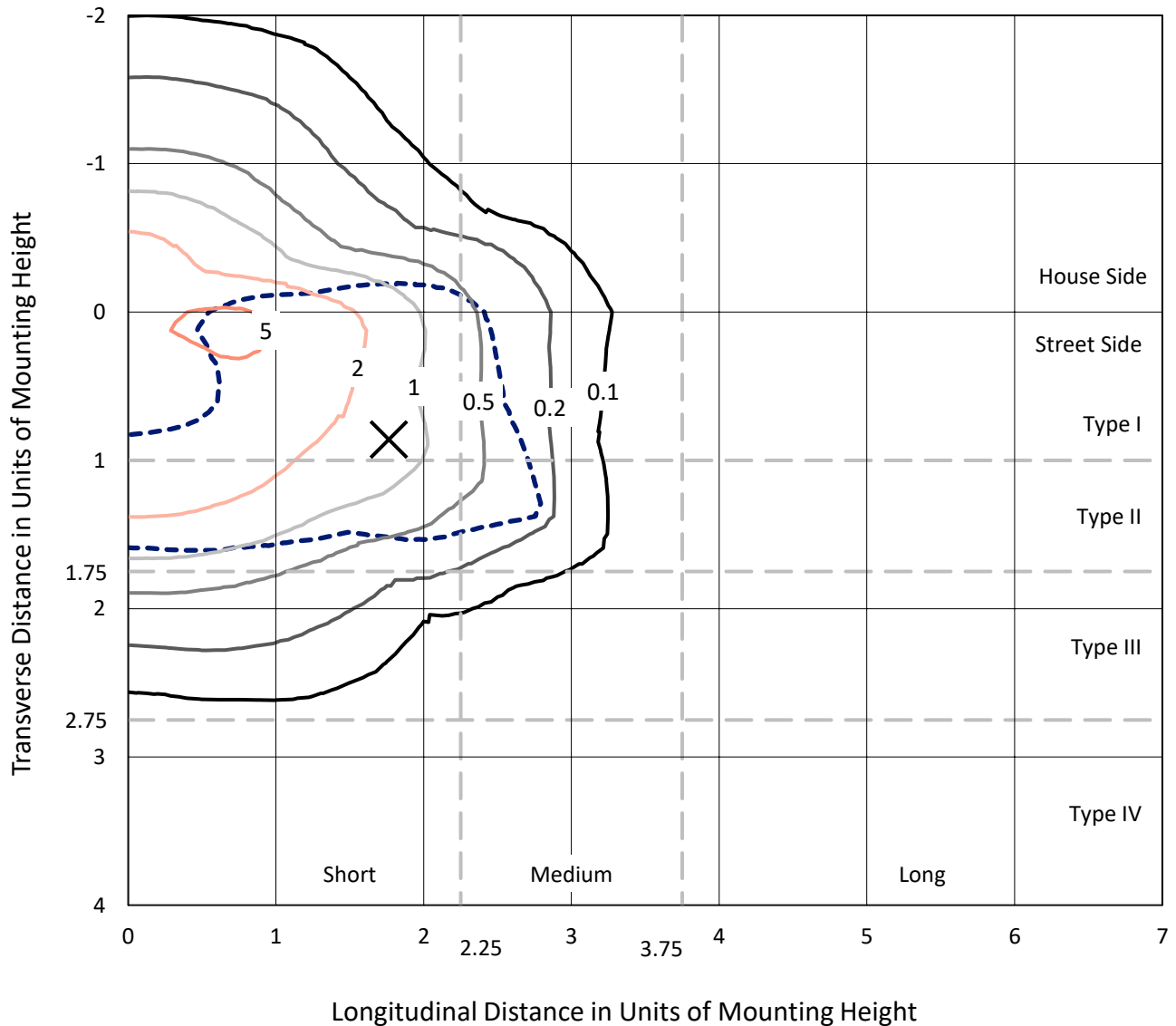
Input Watts (W): 114  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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### Iso-Footcandle Lines of Horizontal Illumination

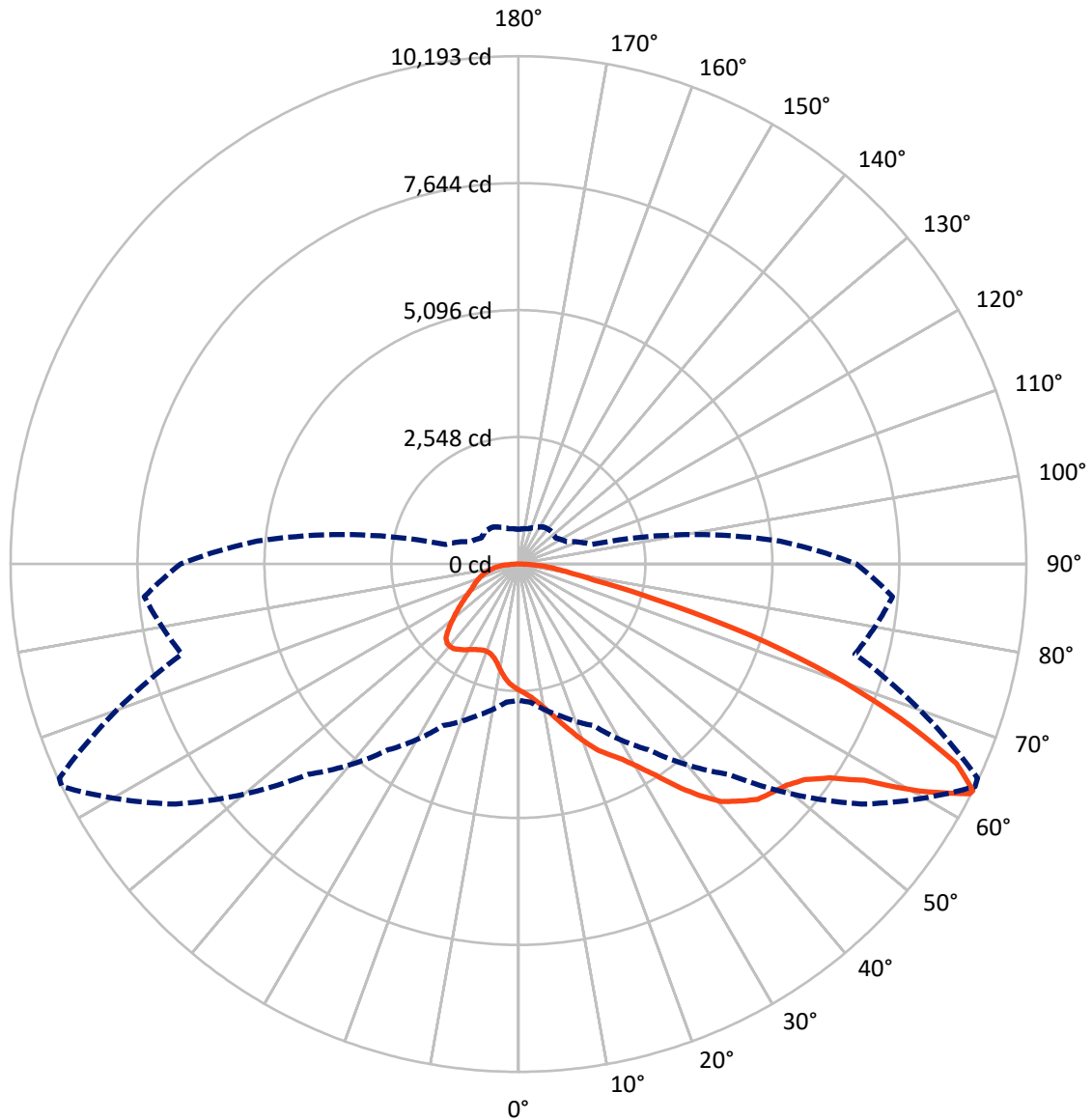
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 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	4469.1	0.0	4469.1
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	12164.9	0.0	12164.9
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	16634.0	0.0	16634.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	232.6	1.4
10°-20°	716.0	4.3
20°-30°	1309.3	7.9
30°-40°	2252.3	13.5
40°-50°	3321.5	20.0
50°-60°	3981.0	23.9
60°-70°	3195.1	19.2
70°-80°	1283.9	7.7
80°-90°	342.3	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°	16634.0	100.0
0°-180°	16634.0	100.0



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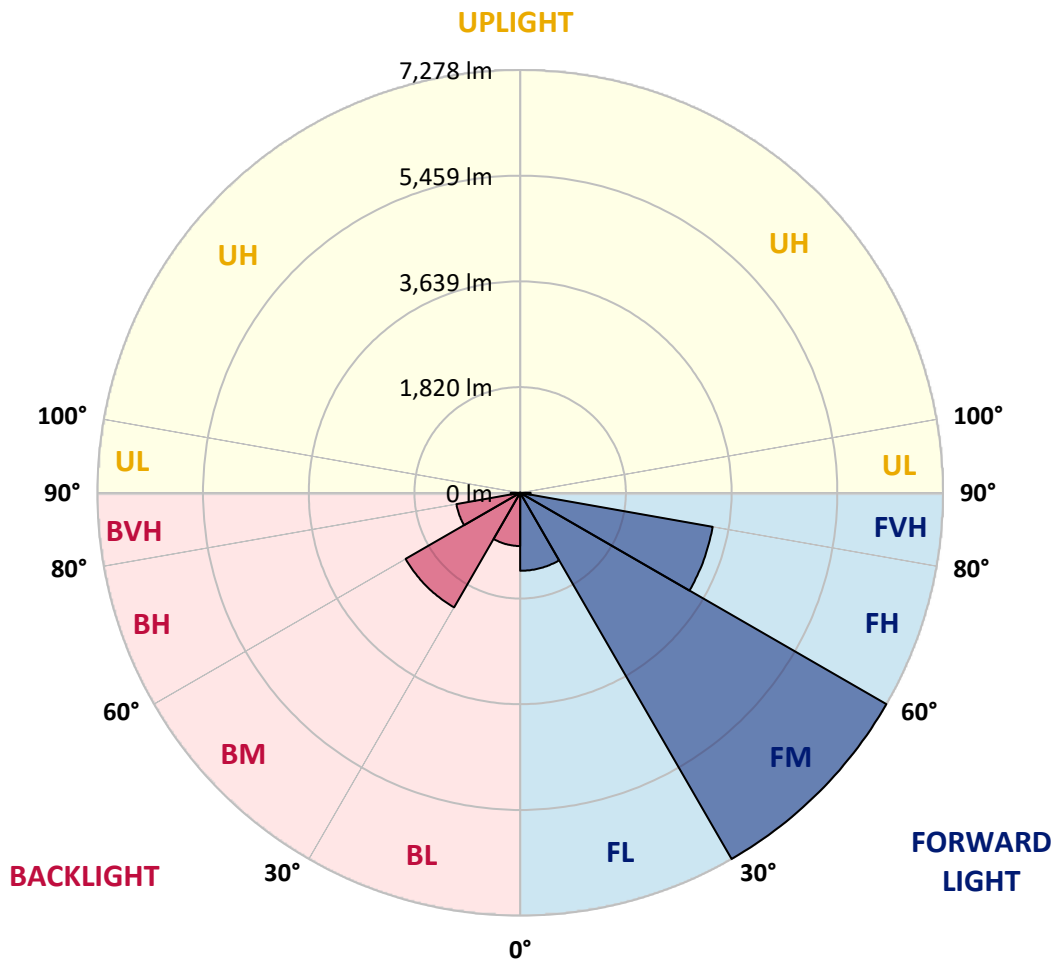
CATALOG NUMBER: GLAN-SB4A-840-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1342.0	8.1			
FM (30°-60°)	7278.3	43.8			
FH (60°-80°)	3364.7	20.2			G2/5000
FVH (80°-90°)	179.9	1.1			G2/225
BL (0°-30°)	915.9	5.5	B2/1000		
BM (30°-60°)	2276.5	13.7	B2/2500		
BH (60°-80°)	1114.3	6.7	B3/2500		G3/2500
BVH (80°-90°)	162.5	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°	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2
2.5°	2637.8	2641.5	2630.3	2626.6	2634.1	2619.1	2615.4	2600.4	2593.0	2578.0	2559.3
5°	2712.5	2716.3	2708.8	2708.8	2716.3	2705.0	2701.3	2686.4	2678.9	2663.9	2626.6
7.5°	2708.8	2712.5	2720.0	2749.9	2787.2	2802.2	2813.4	2802.2	2798.4	2776.0	2738.7
10°	2649.0	2652.7	2671.4	2716.3	2809.7	2876.9	2947.9	2947.9	2955.4	2936.7	2869.4
12.5°	2566.8	2570.5	2615.4	2686.4	2809.7	2925.5	3071.2	3131.0	3127.2	3116.0	3037.6
15°	2368.8	2368.8	2436.0	2570.5	2768.6	2959.1	3175.8	3336.5	3340.2	3351.4	3258.0
17.5°	2200.6	2204.4	2260.4	2380.0	2637.8	2940.4	3287.9	3564.4	3575.6	3639.1	3504.6
20°	2215.6	2215.6	2234.3	2286.6	2495.8	2865.7	3351.4	3807.2	3844.6	3994.0	3825.9
22.5°	2331.4	2331.4	2346.4	2342.6	2469.7	2817.1	3392.5	4050.1	4117.3	4427.5	4210.7
25°	2544.4	2540.6	2525.7	2503.3	2578.0	2869.4	3485.9	4236.9	4367.7	4905.7	4655.4
27.5°	2805.9	2798.4	2776.0	2738.7	2791.0	3026.4	3646.6	4434.9	4576.9	5428.8	5126.1
30°	3131.0	3108.6	3086.1	3037.6	3093.6	3284.2	3885.7	4715.1	4849.6	6022.8	5694.0
32.5°	3515.8	3542.0	3467.2	3400.0	3459.8	3635.4	4240.6	5047.7	5193.4	6643.0	6284.4
35°	4091.2	4169.6	4147.2	3807.2	3863.3	4057.6	4655.4	5477.3	5608.1	7207.2	6889.6
37.5°	4659.1	4640.4	4659.1	4375.1	4285.5	4520.9	5100.0	5888.3	6015.4	7666.8	7423.9
40°	5114.9	5171.0	5171.0	4939.3	4823.5	4980.4	5503.5	6265.7	6389.0	7920.8	7808.8
42.5°	5611.8	5619.3	5604.4	5402.6	5357.8	5398.9	5858.4	6504.8	6605.7	8051.6	8070.3
45°	6172.3	6168.5	6105.0	5936.9	5869.6	5832.3	6078.9	6736.4	6837.3	8111.4	8212.3
47.5°	6635.6	6654.3	6658.0	6478.6	6366.6	6205.9	6269.4	6852.3	6968.1	8044.1	8242.2
50°	6661.7	6691.6	6833.6	6885.9	6863.5	6605.7	6445.0	6975.6	7091.4	8059.1	8350.5
52.5°	6497.3	6527.2	6710.3	6927.0	7188.5	7065.2	6721.5	7188.5	7308.1	8204.8	8597.1
55°	6056.5	6105.0	6377.8	6680.4	7147.4	7323.0	7211.0	7573.4	7685.5	8320.6	8884.8
57.5°	5271.8	5331.6	5709.0	6191.0	6829.9	7263.3	7920.8	8189.8	8283.3	8402.8	8888.5
60°	3941.7	3990.3	4580.6	5230.7	6191.0	6889.6	8343.0	9247.2	9299.5	7958.2	8384.1
62.5°	2903.1	2951.6	3347.7	3814.7	4864.6	6202.2	8425.2	10162.6	10170.1	7154.9	7689.2
63°	2734.9	2783.5	3142.2	3579.3	4550.7	5970.5	8399.1	10192.5	10166.3	6990.5	7536.0
65°	2129.7	2215.6	2589.2	2921.7	3411.2	4752.5	8062.8	9661.9	9699.3	6504.8	6766.3
67.5°	1449.7	1513.2	1987.7	2372.5	2578.0	3026.4	6613.2	8268.3	8328.1	6000.4	5398.9
70°	1120.9	1150.8	1427.2	1879.3	2084.8	1924.2	4311.6	6658.0	6658.0	4685.3	3825.9
72.5°	878.0	889.2	1076.0	1468.3	1677.6	1479.6	2402.4	4842.2	4662.8	2779.8	2551.9
75°	627.7	642.6	810.8	1094.7	1337.6	1165.7	1535.6	2820.9	2712.5	1599.1	1703.7
77.5°	496.9	504.4	605.3	807.0	1083.5	889.2	1169.4	1539.3	1524.4	1124.6	1094.7
80°	392.3	407.3	474.5	579.1	836.9	694.9	870.5	1016.3	986.4	773.4	702.4
82.5°	280.2	306.4	366.2	440.9	620.2	496.9	571.6	717.4	717.4	582.9	463.3
85°	171.9	194.3	216.7	272.7	440.9	321.3	302.6	463.3	474.5	437.1	298.9
87.5°	82.2	89.7	104.6	115.8	160.7	145.7	119.6	175.6	179.3	194.3	123.3
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°	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2	2533.2
2.5°	2555.6	2548.1	2510.8	2473.4	2432.3	2394.9	2357.6	2327.7	2294.1	2301.5	2305.3
5°	2604.2	2585.5	2503.3	2406.1	2279.1	2159.5	2043.7	1961.5	1909.2	1894.3	1864.4
7.5°	2708.8	2663.9	2514.5	2309.0	2073.6	1886.8	1778.5	1729.9	1714.9	1718.7	1711.2
10°	2828.3	2761.1	2529.4	2193.2	1894.3	1767.2	1752.3	1782.2	1797.1	1812.1	1815.8
12.5°	2985.3	2876.9	2522.0	2066.1	1808.3	1785.9	1842.0	1898.0	1931.6	1954.1	1950.3
15°	3168.3	3022.6	2499.5	1961.5	1797.1	1856.9	1927.9	1991.4	2032.5	2054.9	2043.7
17.5°	3388.8	3194.5	2473.4	1894.3	1830.8	1901.7	1976.5	2040.0	2084.8	2099.8	2088.6
20°	3661.5	3388.8	2428.6	1864.4	1856.9	1920.4	1987.7	2047.5	2084.8	2099.8	2084.8
22.5°	3982.8	3620.4	2391.2	1864.4	1868.1	1920.4	1969.0	2013.8	2047.5	2058.7	2040.0
25°	4393.8	3889.4	2376.3	1894.3	1871.9	1901.7	1927.9	1954.1	1972.7	1980.2	1972.7
27.5°	4812.3	4199.5	2383.7	1931.6	1868.1	1875.6	1875.6	1879.3	1883.1	1886.8	1883.1
30°	5294.3	4513.4	2413.6	1980.2	1875.6	1838.2	1827.0	1804.6	1785.9	1771.0	1756.0
32.5°	5761.3	4812.3	2465.9	2051.2	1868.1	1797.1	1774.7	1718.7	1666.4	1621.5	1621.5
35°	6265.7	5122.4	2559.3	2103.5	1860.6	1759.8	1696.3	1632.7	1576.7	1513.2	1513.2
37.5°	6699.1	5387.7	2634.1	2163.3	1853.2	1714.9	1614.1	1543.1	1483.3	1419.8	1412.3
40°	7001.7	5540.9	2678.9	2185.7	1827.0	1655.2	1535.6	1445.9	1360.0	1274.1	1270.3
42.5°	7147.4	5533.4	2652.7	2178.2	1778.5	1580.4	1468.3	1348.8	1233.0	1154.5	1147.0
45°	7225.9	5484.8	2551.9	2114.7	1700.0	1502.0	1382.4	1255.4	1139.6	1068.6	1053.6
47.5°	7211.0	5365.2	2413.6	1957.8	1595.4	1416.0	1296.5	1165.7	1072.3	1031.2	1031.2
50°	7252.1	5271.8	2256.7	1778.5	1453.4	1315.2	1218.0	1098.5	1042.4	990.1	971.4
52.5°	7435.1	5350.3	2122.2	1610.3	1318.9	1218.0	1150.8	1049.9	978.9	945.3	934.1
55°	7678.0	5518.4	1995.2	1460.9	1188.1	1132.1	1098.5	1005.0	922.9	889.2	870.5
57.5°	7722.8	5634.3	1871.9	1315.2	1079.8	1064.8	1053.6	926.6	859.3	833.2	818.2
60°	7412.7	5548.3	1711.2	1184.4	993.8	1001.3	971.4	878.0	799.6	773.4	758.5
62.5°	6885.9	5324.1	1550.5	1072.3	926.6	941.5	911.6	818.2	739.8	713.6	706.2
63°	6781.3	5264.4	1513.2	1061.1	911.6	930.3	904.2	810.8	732.3	706.2	694.9
65°	6157.3	4905.7	1382.4	1001.3	863.1	863.1	866.8	773.4	706.2	694.9	687.5
67.5°	5021.5	4094.9	1240.4	930.3	810.8	822.0	840.7	788.3	762.2	754.7	747.2
70°	3796.0	3082.4	1117.1	863.1	754.7	792.1	919.1	896.7	799.6	732.3	717.4
72.5°	2690.1	2099.8	1008.8	795.8	687.5	780.9	952.7	855.6	721.1	642.6	627.7
75°	1800.9	1352.5	900.4	724.8	612.7	721.1	900.4	780.9	627.7	609.0	586.6
77.5°	1132.1	964.0	792.1	642.6	530.5	642.6	818.2	694.9	541.8	549.2	515.6
80°	691.2	687.5	665.1	545.5	425.9	511.9	687.5	586.6	433.4	433.4	384.8
82.5°	411.0	496.9	564.2	452.1	310.1	366.2	496.9	440.9	362.4	351.2	328.8
85°	276.5	336.3	448.3	347.5	198.0	224.2	343.7	369.9	332.5	291.4	272.7
87.5°	100.9	134.5	205.5	142.0	85.9	134.5	257.8	269.0	201.8	156.9	142.0
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-11  
 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-840-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3897  
 CIE u': 0.2249  
 CIE v': 0.5084  
 Duv: 0.0039  
 CIE x: 0.3882  
 CIE y: 0.3900  
 CIE z: 0.2218  
 Peak Wavelength (nm): 445  
 Dominant Wavelength (nm): 577  
 Purity: 33.54925  
 Rf: 81.8  
 Rg: 98.6

CRI (Ra):	80.2		
R1:	78.9	R9:	6.7
R2:	83.5	R10:	61.9
R3:	88.3	R11:	81.9
R4:	82.1	R12:	58.9
R5:	78.8	R13:	79.2
R6:	78.4	R14:	93.2
R7:	85.8	R15:	71.9
R8:	65.8		



**Test Conditions**

Stabilization Time: 24M  
 Operation Time: 1H 24M  
 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 4000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

**Summary**

$R_f = 81.8$   
 $R_g = 98.6$   
 CIE  $R_a = 80.2$   
 $R_9 = 6.7$



**Color Vector Graphics**

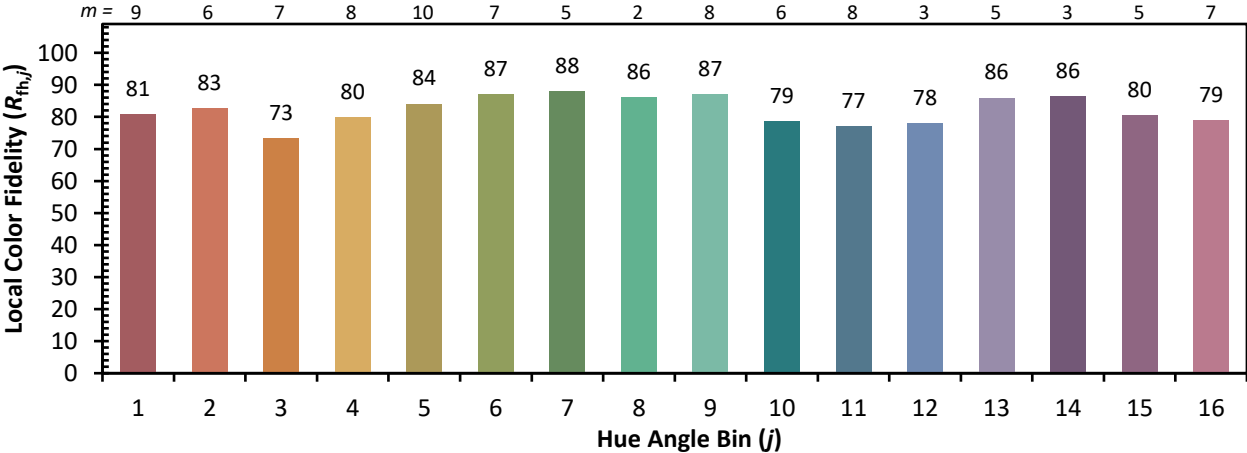


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)