

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: P1456702

Luminaire Tested: GLAN-SB3D-840-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456702  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3D-840-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (78) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 28482.1 lumens  
Efficiency: N/A  
Efficacy: 130.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3

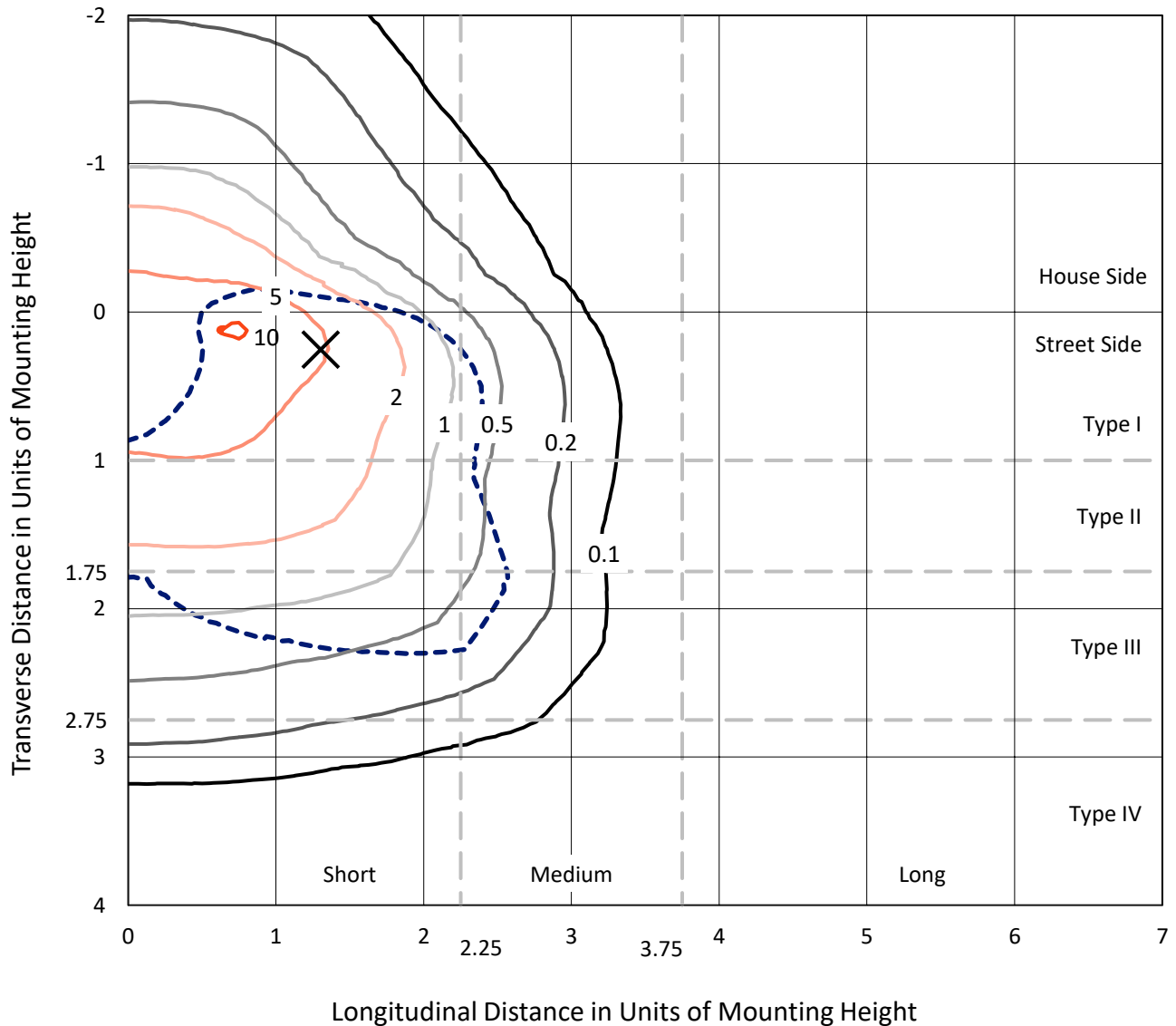
Input Watts (W): 218.1  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB3D-840-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

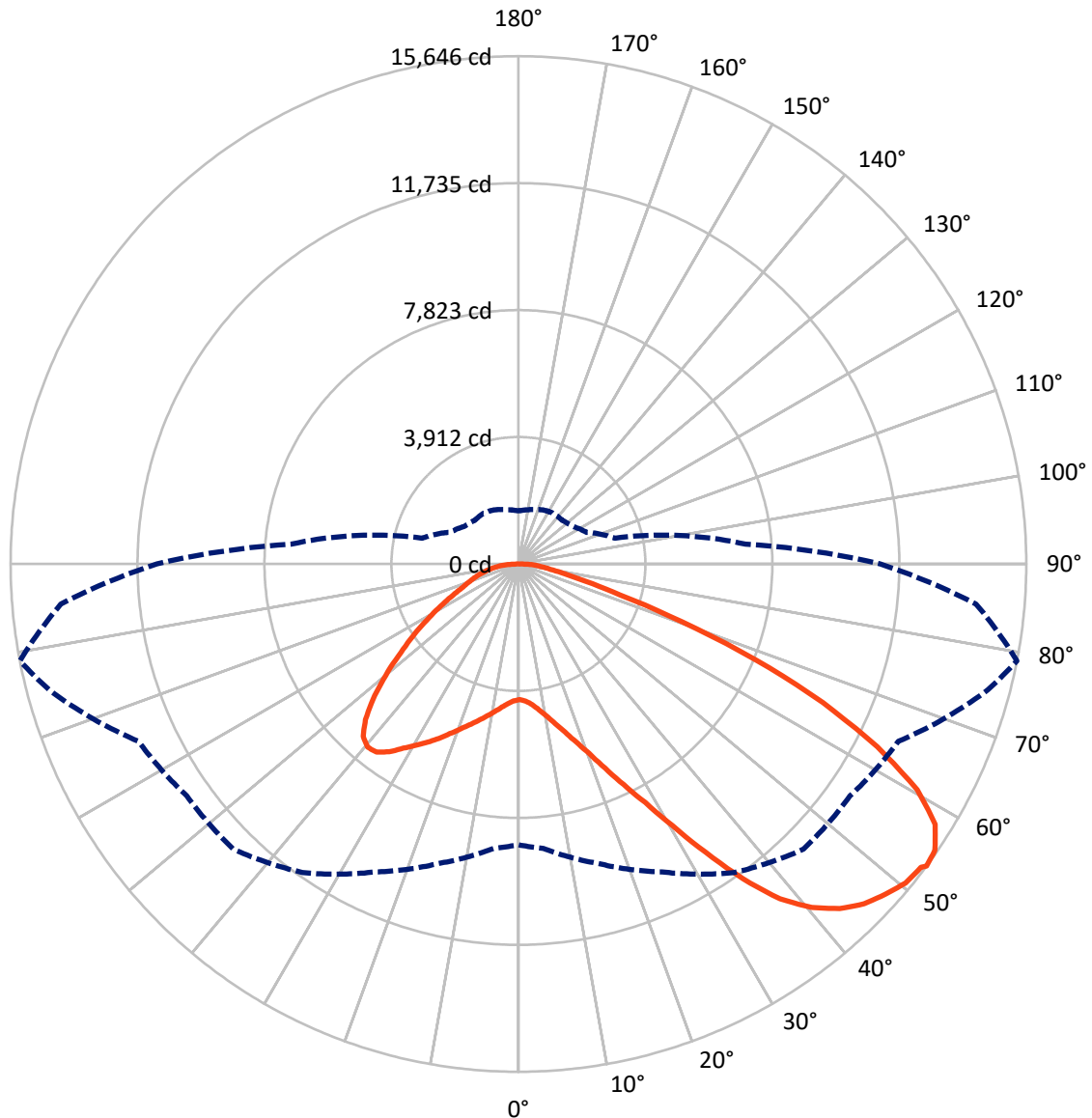


Based on 25 foot mounting height. Maximum calculated value = 10.4 fc  
 Type III - Short - N/A

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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	7180.1	0.0	7180.1
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	21302.0	0.0	21302.0
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	28482.1	0.0	28482.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	398.4	1.4
10°-20°	1233.7	4.3
20°-30°	2358.8	8.3
30°-40°	4049.8	14.2
40°-50°	5672.6	19.9
50°-60°	6437.6	22.6
60°-70°	5645.4	19.8
70°-80°	2207.5	7.8
80°-90°	478.3	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°	28482.1	100.0
0°-180°	28482.1	100.0



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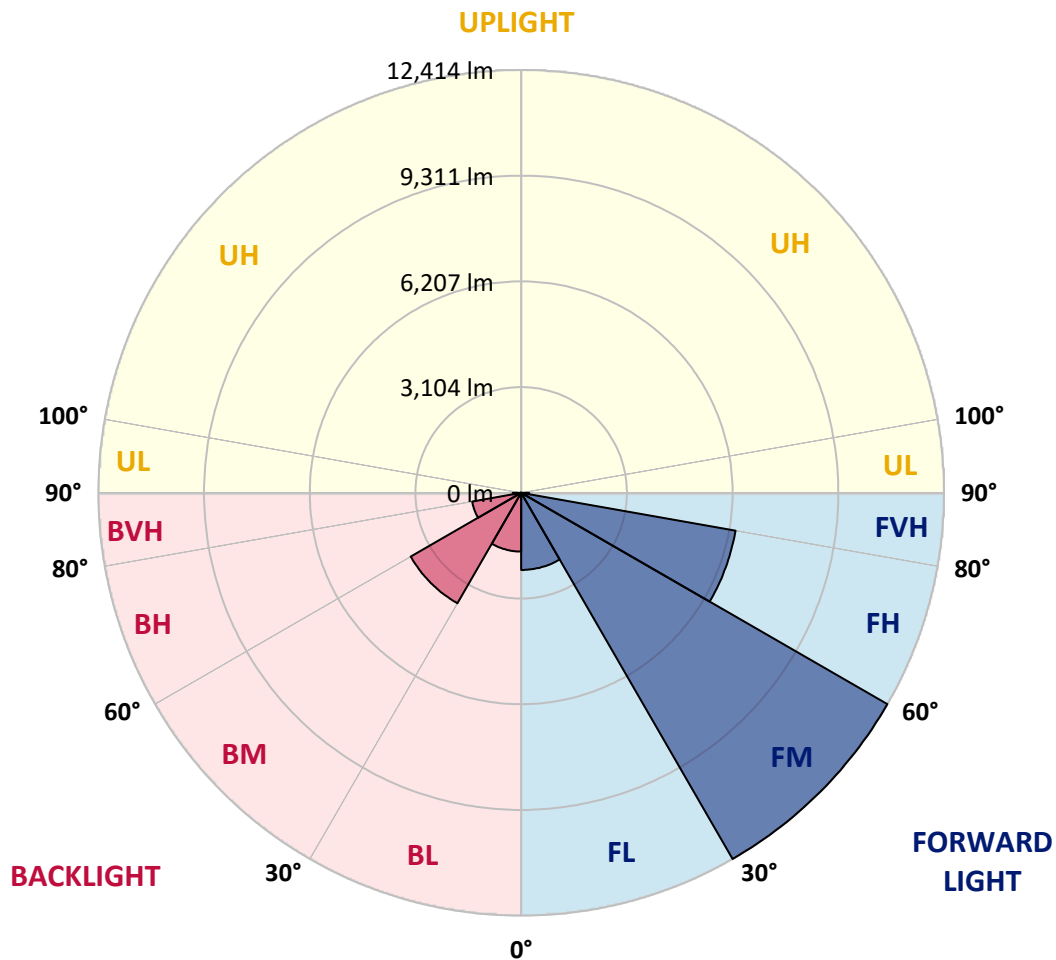
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2264.1	7.9			
FM	(30°-60°)	12414.3	43.6			
FH	(60°-80°)	6391.6	22.4			G3/7500
FVH	(80°-90°)	232.0	0.8			G3/500
BL	(0°-30°)	1726.9	6.1	B3/2500		
BM	(30°-60°)	3745.7	13.2	B3/5000		
BH	(60°-80°)	1461.3	5.1	B3/2500		G3/2500
BVH	(80°-90°)	246.3	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

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

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2
2.5°	4187.6	4187.6	4162.2	4187.6	4174.9	4193.9	4206.6	4206.6	4232.0	4225.7	4225.7
5°	4117.8	4105.1	4098.8	4143.2	4168.6	4219.3	4276.4	4301.8	4346.2	4346.2	4352.6
7.5°	3933.8	3927.4	3959.2	4048.0	4130.5	4257.4	4377.9	4447.7	4517.5	4530.2	4530.2
10°	3819.6	3813.2	3851.3	3959.2	4092.4	4276.4	4466.8	4612.7	4726.9	4758.6	4758.6
12.5°	3819.6	3819.6	3851.3	3959.2	4098.8	4320.8	4581.0	4828.4	5006.1	5044.1	5031.5
15°	3927.4	3921.1	3959.2	4073.4	4206.6	4416.0	4733.2	5063.2	5304.3	5374.1	5380.4
17.5°	4041.7	4035.3	4092.4	4238.3	4397.0	4606.3	4929.9	5336.0	5678.6	5767.5	5786.5
20°	4219.3	4213.0	4282.8	4422.3	4619.0	4860.1	5196.4	5659.6	6135.5	6230.6	6256.0
22.5°	4422.3	4428.7	4504.8	4676.1	4872.8	5190.1	5602.5	6116.4	6687.5	6833.4	6858.8
25°	4847.5	4828.4	4891.9	5012.4	5221.8	5602.5	6110.1	6668.4	7347.3	7525.0	7556.7
27.5°	5412.1	5380.4	5450.2	5570.8	5723.0	6078.3	6662.1	7283.9	8102.3	8324.4	8330.8
30°	5919.7	5900.7	5995.9	6243.3	6401.9	6674.8	7296.6	8007.2	9035.0	9358.6	9371.3
32.5°	6357.5	6351.2	6528.8	6846.1	7207.7	7499.6	8102.3	8920.8	10215.2	10589.5	10507.0
35°	6776.3	6795.3	7017.4	7347.3	7829.5	8413.2	9022.3	9955.0	11458.8	11909.2	11776.0
37.5°	7201.4	7214.1	7505.9	7931.0	8438.6	9200.0	10018.5	11078.1	12537.4	13095.7	12803.9
40°	7594.8	7632.8	8026.2	8483.0	9142.9	9917.0	10830.6	11858.5	13368.6	13920.6	13603.3
42.5°	7988.1	8045.2	8470.3	9098.5	9802.8	10608.6	11395.3	12334.3	13901.5	14517.0	14028.4
45°	8394.2	8432.3	8958.9	9612.4	10411.9	11154.2	11718.9	12638.9	14269.5	14935.7	14269.5
47.5°	8667.0	8743.2	9320.6	10075.6	10875.0	11573.0	11979.0	12765.8	14504.3	15208.6	14358.4
50°	8774.9	8882.8	9504.6	10342.1	11255.7	11966.3	12182.1	12835.6	14764.4	15449.7	14339.3
52.5°	8755.9	8857.4	9536.3	10462.6	11560.3	12328.0	12378.8	12911.7	14948.4	15532.1	14174.4
53°	8654.3	8793.9	9555.3	10469.0	11604.7	12423.2	12467.6	12918.1	14973.8	15646.4	14149.0
55°	8305.4	8381.5	9358.6	10462.6	11814.1	12778.5	12715.0	13108.4	15043.6	15570.2	13869.8
57.5°	7988.1	8064.3	8914.5	10342.1	11985.4	13279.7	13114.8	13076.7	14662.9	15138.8	13165.5
60°	7785.1	7810.5	8527.5	9961.4	11915.6	13628.7	13374.9	12702.4	13723.9	14117.2	11928.3
62.5°	7613.8	7607.5	8241.9	9415.7	11649.1	13679.5	13425.7	11776.0	12347.0	12410.5	10278.6
65°	7226.8	7182.3	7797.8	8800.3	11097.1	13451.0	12803.9	10373.8	10519.7	10310.3	8254.6
67.5°	6459.0	6363.9	6909.5	7861.2	9974.1	12803.9	11617.4	8743.2	8292.7	7873.9	6217.9
70°	4625.4	4625.4	5063.2	6014.9	8007.2	11065.4	9974.1	6617.7	5710.3	5336.0	4155.9
72.5°	2265.1	2322.2	2779.0	3553.1	5367.7	8032.6	7639.2	4289.1	3464.3	3280.3	2664.8
75°	964.4	970.8	1186.5	1573.5	2721.9	4752.3	4784.0	2474.5	2220.7	2131.9	1763.9
77.5°	672.6	685.2	780.4	926.3	1294.3	2182.6	2487.2	1497.4	1491.0	1427.6	1256.3
80°	513.9	526.6	590.1	691.6	869.2	1116.7	1288.0	1015.2	1065.9	1002.5	907.3
82.5°	387.0	399.7	444.1	520.3	621.8	748.7	723.3	748.7	786.8	748.7	653.5
85°	260.1	266.5	298.2	361.7	399.7	450.5	450.5	545.7	571.0	558.3	513.9
87.5°	133.2	133.2	158.6	190.3	203.0	209.4	184.0	241.1	272.8	298.2	241.1
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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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2
2.5°	4225.7	4232.0	4213.0	4206.6	4200.3	4168.6	4168.6	4136.8	4130.5	4136.8	4117.8
5°	4365.2	4352.6	4301.8	4263.7	4219.3	4130.5	4079.7	4009.9	3990.9	3971.9	3952.8
7.5°	4536.6	4517.5	4428.7	4327.2	4206.6	4035.3	3940.1	3825.9	3787.9	3756.1	3743.4
10°	4752.3	4714.2	4574.6	4358.9	4136.8	3927.4	3794.2	3654.6	3591.2	3578.5	3546.8
12.5°	5031.5	4961.7	4701.5	4365.2	4073.4	3800.6	3654.6	3546.8	3521.4	3515.0	3483.3
15°	5342.3	5240.8	4822.1	4371.6	3990.9	3692.7	3603.9	3546.8	3546.8	3540.4	3521.4
17.5°	5723.0	5558.1	4936.3	4346.2	3889.4	3661.0	3616.6	3565.8	3553.1	3559.4	3534.1
20°	6179.9	5907.0	5056.8	4314.5	3845.0	3667.3	3616.6	3546.8	3515.0	3508.7	3489.7
22.5°	6706.5	6306.8	5190.1	4263.7	3845.0	3661.0	3578.5	3483.3	3419.9	3394.5	3369.1
25°	7309.2	6769.9	5329.7	4244.7	3857.7	3635.6	3502.3	3350.1	3248.6	3210.5	3191.4
27.5°	8038.9	7258.5	5431.2	4263.7	3851.3	3578.5	3369.1	3172.4	3058.2	2994.8	2982.1
30°	8844.7	7785.1	5501.0	4295.5	3813.2	3470.6	3210.5	2988.4	2829.8	2753.7	2734.6
32.5°	9796.4	8375.2	5570.8	4295.5	3718.1	3318.3	3026.5	2785.4	2620.4	2531.6	2518.9
35°	10849.7	9098.5	5634.2	4289.1	3603.9	3153.4	2842.5	2595.0	2423.7	2334.9	2328.6
37.5°	11744.3	9644.1	5665.9	4225.7	3445.2	2963.0	2671.2	2423.7	2246.1	2150.9	2144.6
40°	12296.3	9872.6	5602.5	4098.8	3254.9	2766.3	2480.8	2252.4	2074.8	1960.6	1935.2
42.5°	12505.7	9764.7	5399.5	3889.4	3026.5	2569.7	2322.2	2081.1	1846.3	1751.2	1732.1
45°	12435.9	9345.9	4968.0	3591.2	2772.7	2392.0	2182.6	1909.8	1757.5	1675.0	1668.7
47.5°	12201.1	8698.8	4428.7	3216.8	2506.2	2233.4	1998.6	1865.4	1725.8	1637.0	1630.6
50°	11788.7	8007.2	3781.5	2791.7	2265.1	2068.4	1954.2	1846.3	1732.1	1662.3	1649.7
52.5°	11262.1	7226.8	3185.1	2379.3	2055.7	1922.5	1909.8	1833.7	1744.8	1668.7	1637.0
53°	11141.5	7023.7	3070.9	2309.5	2024.0	1903.4	1897.1	1833.7	1732.1	1662.3	1637.0
55°	10564.1	6395.6	2709.2	2062.1	1865.4	1840.0	1897.1	1827.3	1700.4	1643.3	1624.3
57.5°	9637.8	5570.8	2360.3	1833.7	1700.4	1763.9	1878.1	1801.9	1662.3	1560.8	1529.1
60°	8521.1	4625.4	2093.8	1681.4	1579.9	1668.7	1801.9	1713.1	1522.8	1472.0	1465.7
62.5°	7188.7	3743.4	1890.8	1554.5	1478.3	1567.2	1687.7	1535.4	1395.9	1357.8	1345.1
65°	5615.2	2975.7	1732.1	1459.3	1376.8	1446.6	1529.1	1433.9	1345.1	1313.4	1307.0
67.5°	4174.9	2334.9	1605.2	1376.8	1275.3	1319.7	1414.9	1389.5	1313.4	1294.3	1288.0
70°	2880.6	1897.1	1491.0	1300.7	1148.4	1199.2	1345.1	1364.1	1288.0	1275.3	1269.0
72.5°	2017.7	1605.2	1370.5	1218.2	1046.9	1097.7	1313.4	1313.4	1230.9	1249.9	1237.2
75°	1516.4	1351.4	1230.9	1116.7	920.0	996.1	1269.0	1256.3	1173.8	1256.3	1224.6
77.5°	1142.1	1091.3	1065.9	989.8	805.8	881.9	1180.1	1154.8	1046.9	1053.2	996.1
80°	831.2	843.9	913.7	843.9	672.6	729.7	996.1	983.4	850.2	875.6	805.8
82.5°	596.4	628.1	780.4	678.9	488.6	520.3	685.2	742.3	666.2	628.1	640.8
85°	450.5	469.5	628.1	501.2	304.6	342.6	469.5	533.0	520.3	482.2	488.6
87.5°	190.3	215.7	291.9	234.8	177.7	177.7	291.9	374.3	336.3	285.5	298.2
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



CCT = 3897K  
 CIE x = 0.3882  
 CIE y = 0.3900  
 Duv = 0.0039

Point lies inside the ANSI 4000K 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	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			

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**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			

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**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)