

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: P1456140

Luminaire Tested: GLAN-SB7B-840-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456140  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7B-840-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 7xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (182) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

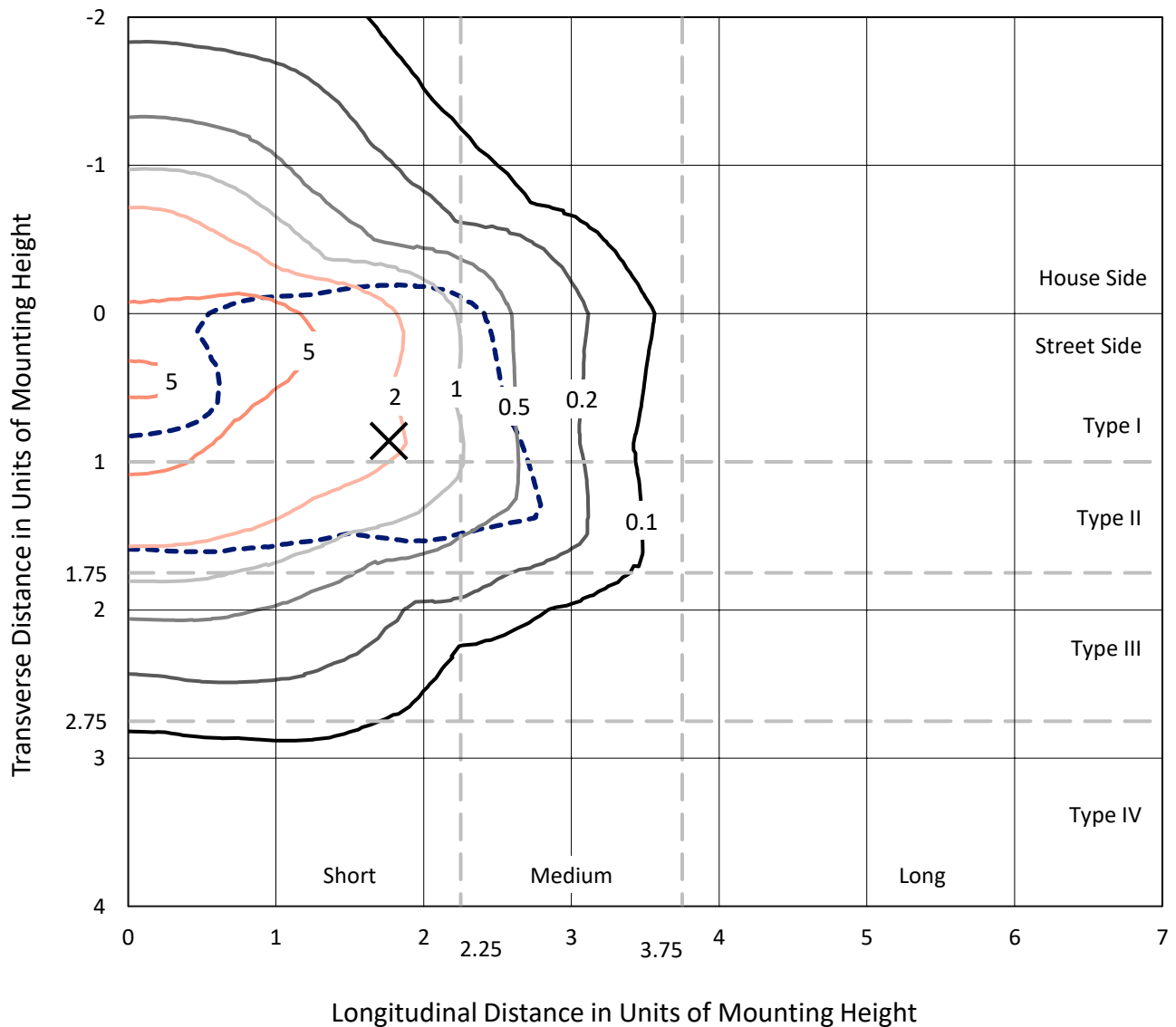
Lumens per Lamp: N/A  
Luminaire Lumens: 37052.4 lumens  
Efficiency: N/A  
Efficacy: 144.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B4 - U0 - G3  
  
Input Watts (W): 256.7  
Input Voltage (V): 120  
Input Current (Ain): 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-SB7B-840-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

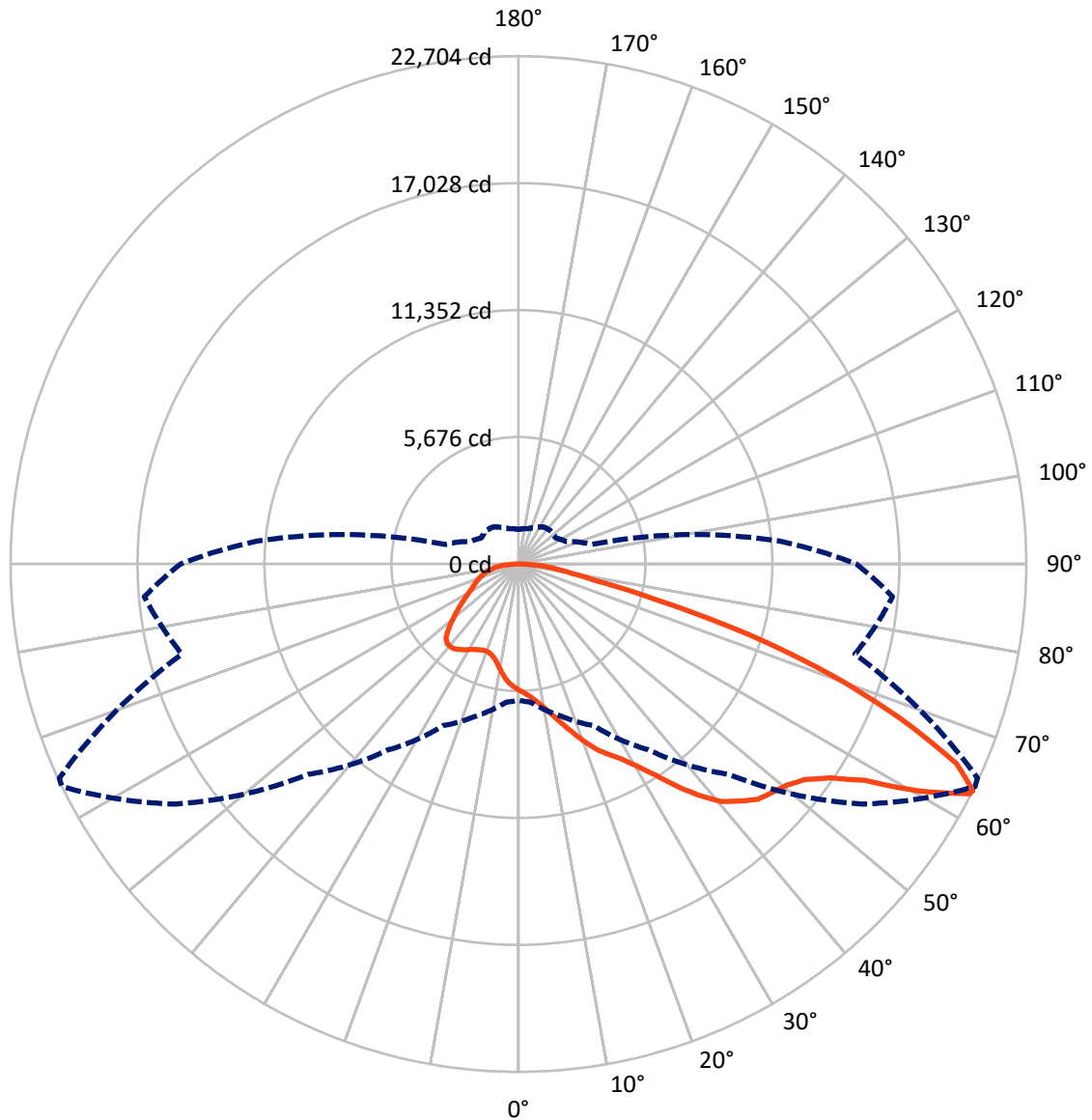


Based on 30 foot mounting height. Maximum calculated value = 9.7 fc  
 Type II - Short - N/A

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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	9954.9	0.0	9954.9
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	27097.5	0.0	27097.5
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	37052.4	0.0	37052.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	518.1	1.4
10°-20°	1594.9	4.3
20°-30°	2916.5	7.9
30°-40°	5016.9	13.5
40°-50°	7398.6	20.0
50°-60°	8867.7	23.9
60°-70°	7117.2	19.2
70°-80°	2859.9	7.7
80°-90°	762.6	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°	37052.4	100.0
0°-180°	37052.4	100.0



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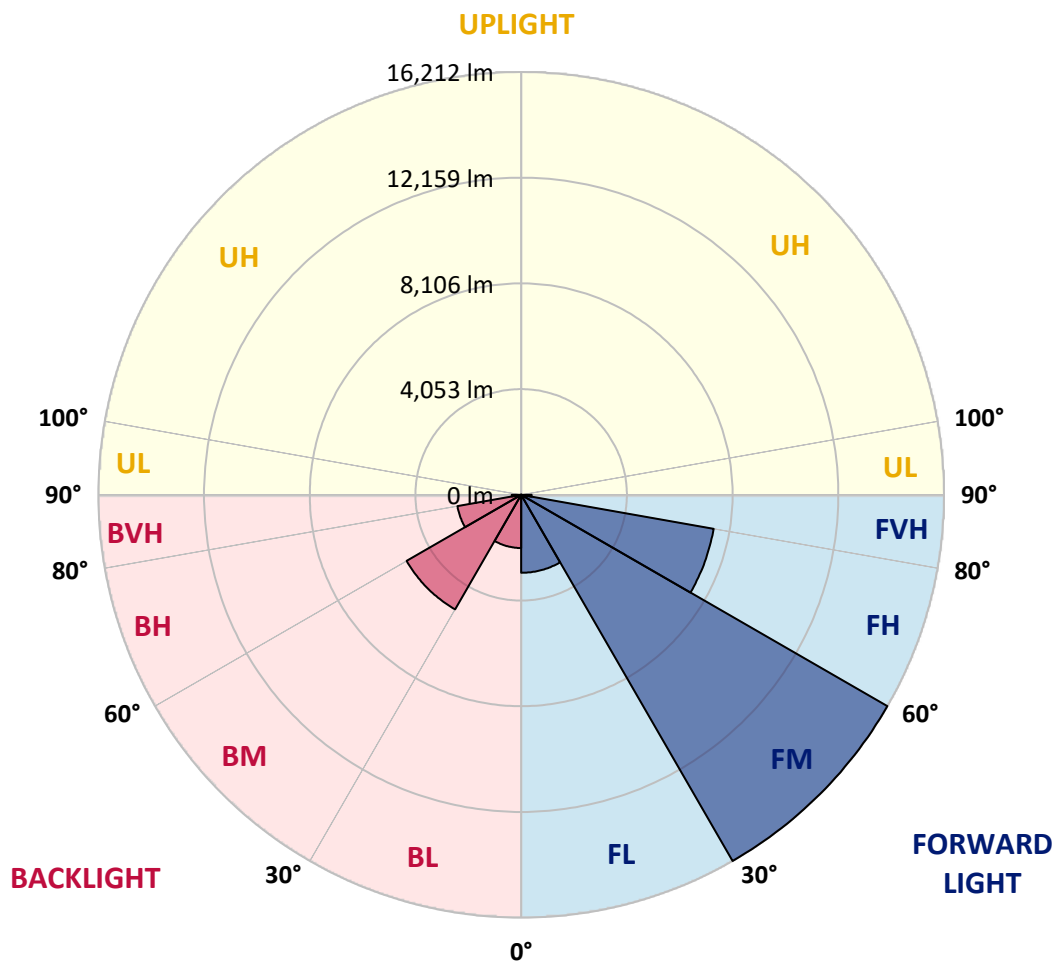
CATALOG NUMBER: GLAN-SB7B-840-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2989.4	8.1			
FM (30°-60°)	16212.4	43.8			
FH (60°-80°)	7495.0	20.2			G3/7500
FVH (80°-90°)	400.7	1.1			G3/500
BL (0°-30°)	2040.1	5.5	B3/2500		
BM (30°-60°)	5070.8	13.7	B4/8500		
BH (60°-80°)	2482.1	6.7	B3/2500		G3/2500
BVH (80°-90°)	361.9	1.0			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7
2.5°	5875.7	5884.0	5859.0	5850.7	5867.4	5834.1	5825.8	5792.5	5775.8	5742.5	5700.9
5°	6042.1	6050.5	6033.8	6033.8	6050.5	6025.5	6017.2	5983.9	5967.2	5933.9	5850.7
7.5°	6033.8	6042.1	6058.8	6125.4	6208.6	6241.9	6266.9	6241.9	6233.6	6183.6	6100.4
10°	5900.7	5909.0	5950.6	6050.5	6258.5	6408.3	6566.5	6566.5	6583.1	6541.5	6391.7
12.5°	5717.6	5725.9	5825.8	5983.9	6258.5	6516.5	6841.1	6974.3	6965.9	6941.0	6766.2
15°	5276.5	5276.5	5426.3	5725.9	6167.0	6591.4	7074.1	7432.0	7440.3	7465.3	7257.2
17.5°	4902.0	4910.3	5035.1	5301.4	5875.7	6549.8	7323.8	7939.7	7964.6	8106.1	7806.5
20°	4935.2	4935.2	4976.9	5093.4	5559.4	6383.4	7465.3	8480.6	8563.9	8896.8	8522.3
22.5°	5193.2	5193.2	5226.5	5218.2	5501.2	6275.2	7556.8	9021.6	9171.4	9862.2	9379.5
25°	5667.6	5659.3	5626.0	5576.1	5742.5	6391.7	7764.9	9437.7	9729.0	10927.5	10369.8
27.5°	6250.2	6233.6	6183.6	6100.4	6216.9	6741.2	8122.8	9878.8	10195.1	12092.6	11418.5
30°	6974.3	6924.3	6874.4	6766.2	6891.0	7315.5	8655.4	10503.0	10802.6	13415.9	12683.5
32.5°	7831.5	7889.7	7723.3	7573.5	7706.6	8097.8	9446.0	11243.7	11568.3	14797.4	13998.5
35°	9113.1	9287.9	9238.0	8480.6	8605.5	9038.2	10369.8	12200.8	12492.1	16054.1	15346.7
37.5°	10378.2	10336.6	10378.2	9745.7	9545.9	10070.2	11360.2	13116.3	13399.2	17077.8	16536.8
40°	11393.5	11518.4	11518.4	11002.4	10744.4	11093.9	12259.1	13956.8	14231.5	17643.7	17394.0
42.5°	12500.4	12517.1	12483.8	12034.3	11934.5	12026.0	13049.7	14489.5	14714.2	17935.0	17976.6
45°	13748.8	13740.5	13599.0	13224.5	13074.7	12991.4	13540.7	15005.5	15230.2	18068.2	18292.9
47.5°	14780.8	14822.4	14830.7	14431.2	14181.6	13823.7	13965.2	15263.5	15521.5	17918.4	18359.5
50°	14839.0	14905.6	15221.9	15338.4	15288.5	14714.2	14356.3	15538.1	15796.1	17951.7	18600.8
52.5°	14472.8	14539.4	14947.2	15429.9	16012.5	15737.9	14972.2	16012.5	16278.8	18276.2	19150.1
55°	13490.8	13599.0	14206.5	14880.6	15921.0	16312.1	16062.4	16869.7	17119.4	18534.2	19790.9
57.5°	11743.1	11876.2	12716.8	13790.4	15213.5	16179.0	17643.7	18242.9	18451.0	18717.3	19799.3
60°	8780.2	8888.4	10203.4	11651.5	13790.4	15346.7	18584.2	20598.2	20714.7	17726.9	18675.7
62.5°	6466.6	6574.8	7457.0	8497.3	10835.9	13815.4	18767.3	22637.2	22653.9	15937.6	17127.7
63°	6092.1	6200.3	6999.2	7973.0	10136.8	13299.4	18709.0	22703.8	22645.6	15571.4	16786.5
65°	4743.8	4935.2	5767.5	6508.2	7598.5	10586.2	17960.0	21522.0	21605.2	14489.5	15072.1
67.5°	3229.1	3370.6	4427.6	5284.8	5742.5	6741.2	14730.8	18417.7	18550.9	13366.0	12026.0
70°	2496.8	2563.3	3179.2	4186.2	4644.0	4286.1	9604.2	14830.7	14830.7	10436.4	8522.3
72.5°	1955.8	1980.8	2396.9	3270.7	3736.8	3295.7	5351.4	10786.0	10386.5	6191.9	5684.3
75°	1398.2	1431.5	1806.0	2438.5	2979.5	2596.6	3420.6	6283.5	6042.1	3562.0	3795.1
77.5°	1106.9	1123.5	1348.2	1797.7	2413.5	1980.8	2604.9	3428.9	3395.6	2505.1	2438.5
80°	873.9	907.2	1057.0	1290.0	1864.2	1548.0	1939.1	2263.7	2197.1	1722.8	1564.6
82.5°	624.2	682.4	815.6	982.1	1381.5	1106.9	1273.3	1597.9	1597.9	1298.3	1032.0
85°	382.8	432.8	482.7	607.5	982.1	715.7	674.1	1032.0	1057.0	973.7	665.8
87.5°	183.1	199.7	233.0	258.0	357.9	324.6	266.3	391.2	399.5	432.8	274.6
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°	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7	5642.7
2.5°	5692.6	5676.0	5592.7	5509.5	5418.0	5334.7	5251.5	5184.9	5110.0	5126.7	5135.0
5°	5800.8	5759.2	5576.1	5359.7	5076.7	4810.4	4552.4	4369.3	4252.8	4219.5	4152.9
7.5°	6033.8	5933.9	5601.0	5143.3	4619.0	4202.9	3961.5	3853.3	3820.0	3828.4	3811.7
10°	6300.1	6150.3	5634.3	4885.3	4219.5	3936.5	3903.3	3969.8	4003.1	4036.4	4044.7
12.5°	6649.7	6408.3	5617.7	4602.3	4028.1	3978.2	4103.0	4227.8	4302.7	4352.7	4344.4
15°	7057.5	6732.9	5567.8	4369.3	4003.1	4136.3	4294.4	4435.9	4527.4	4577.4	4552.4
17.5°	7548.5	7115.7	5509.5	4219.5	4078.0	4236.2	4402.6	4544.1	4644.0	4677.3	4652.3
20°	8156.1	7548.5	5409.6	4152.9	4136.3	4277.8	4427.6	4560.7	4644.0	4677.3	4644.0
22.5°	8871.8	8064.5	5326.4	4152.9	4161.3	4277.8	4386.0	4485.8	4560.7	4585.7	4544.1
25°	9787.3	8663.7	5293.1	4219.5	4169.6	4236.2	4294.4	4352.7	4394.3	4410.9	4394.3
27.5°	10719.4	9354.5	5309.8	4302.7	4161.3	4177.9	4177.9	4186.2	4194.5	4202.9	4194.5
30°	11793.0	10053.6	5376.3	4410.9	4177.9	4094.7	4069.7	4019.8	3978.2	3944.9	3911.6
32.5°	12833.3	10719.4	5492.9	4569.1	4161.3	4003.1	3953.2	3828.4	3711.8	3612.0	3612.0
35°	13956.8	11410.2	5700.9	4685.6	4144.6	3919.9	3778.4	3636.9	3512.1	3370.6	3370.6
37.5°	14922.3	12001.1	5867.4	4818.7	4128.0	3820.0	3595.3	3437.2	3304.0	3162.6	3145.9
40°	15596.4	12342.3	5967.2	4868.7	4069.7	3686.9	3420.6	3220.8	3029.4	2838.0	2829.7
42.5°	15921.0	12325.6	5909.0	4852.0	3961.5	3520.4	3270.7	3004.4	2746.4	2571.7	2555.0
45°	16095.7	12217.4	5684.3	4710.5	3786.7	3345.6	3079.3	2796.4	2538.4	2380.2	2346.9
47.5°	16062.4	11951.1	5376.3	4361.0	3553.7	3154.2	2887.9	2596.6	2388.6	2297.0	2297.0
50°	16154.0	11743.1	5026.8	3961.5	3237.5	2929.5	2713.1	2446.8	2322.0	2205.5	2163.9
52.5°	16561.8	11917.8	4727.2	3587.0	2937.8	2713.1	2563.3	2338.6	2180.5	2105.6	2080.6
55°	17102.8	12292.3	4444.2	3254.1	2646.6	2521.7	2446.8	2238.8	2055.7	1980.8	1939.1
57.5°	17202.6	12550.3	4169.6	2929.5	2405.2	2371.9	2346.9	2064.0	1914.2	1855.9	1822.6
60°	16511.9	12358.9	3811.7	2638.2	2213.8	2230.4	2163.9	1955.8	1781.0	1722.8	1689.5
62.5°	15338.4	11859.6	3453.8	2388.6	2064.0	2097.3	2030.7	1822.6	1647.9	1589.6	1573.0
63°	15105.4	11726.4	3370.6	2363.6	2030.7	2072.3	2014.0	1806.0	1631.2	1573.0	1548.0
65°	13715.5	10927.5	3079.3	2230.4	1922.5	1922.5	1930.8	1722.8	1573.0	1548.0	1531.3
67.5°	11185.5	9121.5	2763.1	2072.3	1806.0	1831.0	1872.6	1756.0	1697.8	1681.1	1664.5
70°	8455.7	6866.1	2488.4	1922.5	1681.1	1764.4	2047.3	1997.4	1781.0	1631.2	1597.9
72.5°	5992.2	4677.3	2247.1	1772.7	1531.3	1739.4	2122.2	1905.9	1606.2	1431.5	1398.2
75°	4011.4	3012.7	2005.7	1614.6	1364.9	1606.2	2005.7	1739.4	1398.2	1356.6	1306.6
77.5°	2521.7	2147.2	1764.4	1431.5	1181.8	1431.5	1822.6	1548.0	1206.8	1223.4	1148.5
80°	1539.7	1531.3	1481.4	1215.1	948.8	1140.2	1531.3	1306.6	965.4	965.4	857.2
82.5°	915.5	1106.9	1256.7	1007.0	690.8	815.6	1106.9	982.1	807.3	782.3	732.4
85°	615.9	749.0	998.7	774.0	441.1	499.4	765.7	823.9	740.7	649.2	607.5
87.5°	224.7	299.6	457.7	316.3	191.4	299.6	574.3	599.2	449.4	349.5	316.3
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**

$\lambda$ (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)