

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: P1457291

Luminaire Tested: GLAN-SB7A-840-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457291  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7A-840-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 7xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (182) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

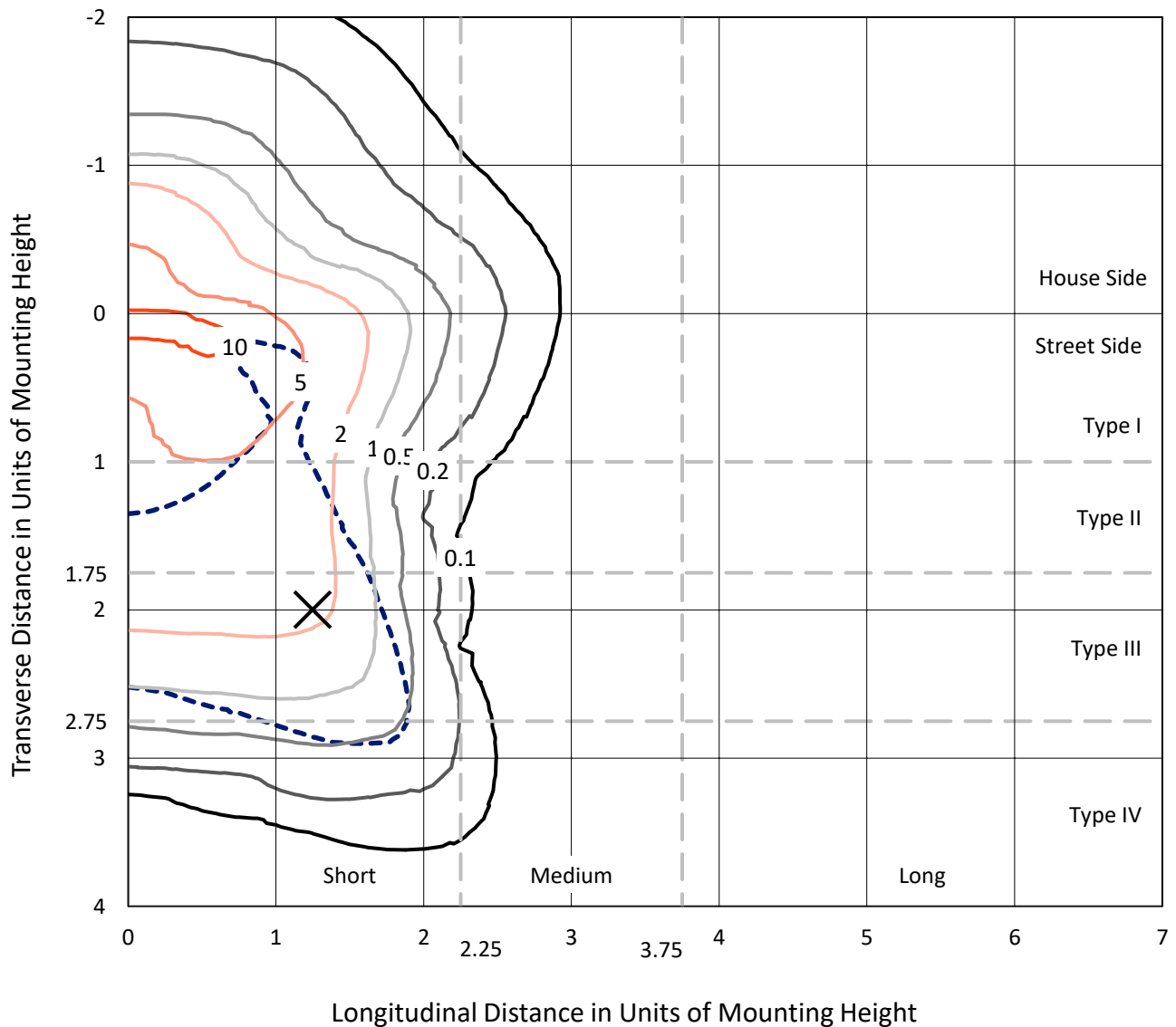
Lumens per Lamp: N/A  
Luminaire Lumens: 29859.6 lumens  
Efficiency: N/A  
Efficacy: 150.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 199.1  
Input Voltage (V): 120  
Input Current (Ain): 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

REPORT NUMBER: P1457291

CATALOG NUMBER: GLAN-SB7A-840-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

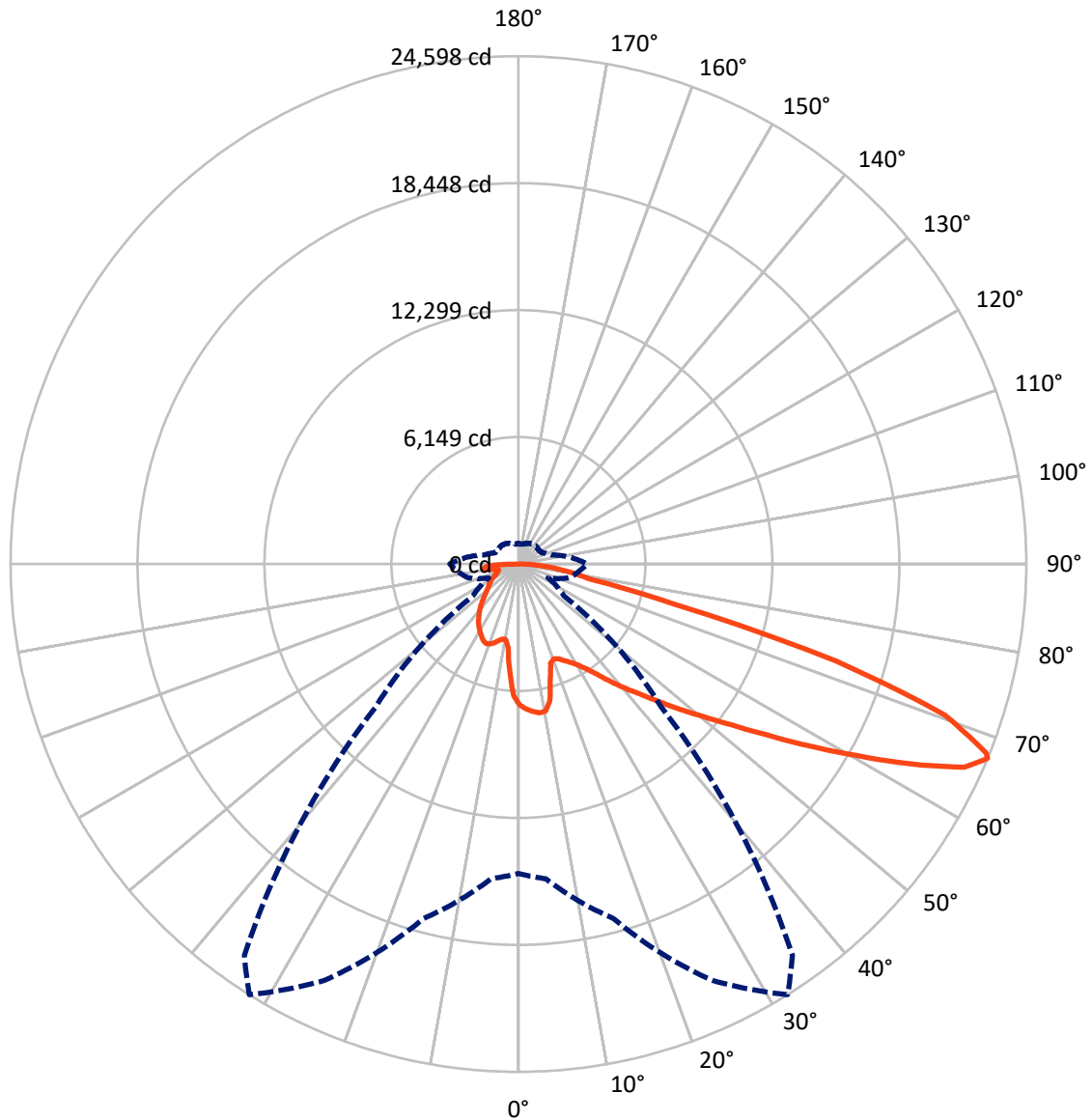
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.8 fc  
 Type IV - Short - N/A

REPORT NUMBER: P1457291  
CATALOG NUMBER: GLAN-SB7A-840-U-T4LG

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1457291

CATALOG NUMBER: GLAN-SB7A-840-U-T4LG

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7069.2	0.0	7069.2
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	22790.4	0.0	22790.4
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	29859.6	0.0	29859.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	596.1	2.0
10°-20°	1582.7	5.3
20°-30°	2584.6	8.7
30°-40°	3809.5	12.8
40°-50°	5253.5	17.6
50°-60°	6636.8	22.2
60°-70°	6423.2	21.5
70°-80°	2292.4	7.7
80°-90°	680.7	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°	29859.6	100.0
0°-180°	29859.6	100.0



REPORT NUMBER: P1457291

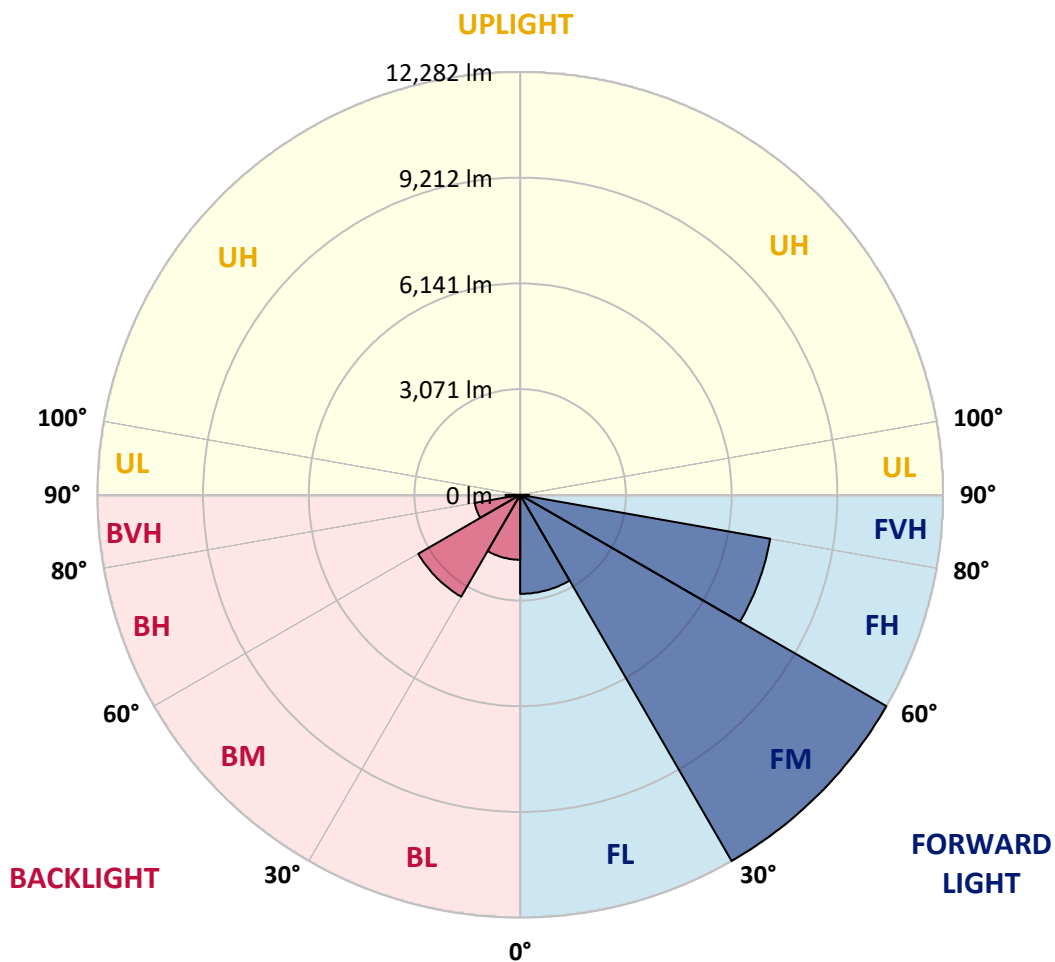
CATALOG NUMBER: GLAN-SB7A-840-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2877.0	9.6			
FM	(30°-60°)	12282.2	41.1			
FH	(60°-80°)	7374.7	24.7			G3/7500
FVH	(80°-90°)	256.5	0.9			G3/500
BL	(0°-30°)	1886.4	6.3	B3/2500		
BM	(30°-60°)	3417.6	11.4	B3/5000		
BH	(60°-80°)	1340.9	4.5	B3/2500		G3/2500
BVH	(80°-90°)	424.2	1.4			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 IV Short





REPORT NUMBER: P1457291

CATALOG NUMBER: GLAN-SB7A-840-U-T4LG

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3
2.5°	7080.9	7061.0	7041.1	7054.4	7027.9	7021.2	6988.1	6974.8	6935.0	6928.4	6855.5
5°	7226.8	7187.0	7180.3	7193.6	7167.1	7167.1	7140.6	7120.7	7061.0	7027.9	6921.8
7.5°	7226.8	7220.1	7233.4	7279.8	7286.4	7286.4	7286.4	7293.1	7233.4	7187.0	7021.2
10°	6815.7	6749.4	6895.3	7127.3	7240.0	7306.3	7425.7	7498.6	7452.2	7419.0	7193.6
12.5°	5589.1	5595.8	5827.8	6325.1	6775.9	6968.2	7465.4	7730.6	7750.5	7697.5	7412.4
15°	4740.5	4773.6	4893.0	5251.0	5768.1	6053.2	7233.4	7936.2	8095.3	8042.2	7677.6
17.5°	4481.9	4501.8	4554.8	4760.4	5052.1	5284.1	6603.5	8068.8	8513.0	8446.7	7975.9
20°	4442.1	4455.4	4521.7	4694.1	4893.0	5025.6	5960.4	7962.7	8904.2	8877.6	8247.8
22.5°	4448.8	4462.0	4548.2	4786.9	4992.4	5105.1	5754.9	7717.4	9315.2	9341.7	8526.2
25°	4462.0	4468.7	4601.3	4919.5	5178.1	5317.3	5887.5	7498.6	9660.0	9885.4	8831.2
27.5°	4535.0	4554.8	4733.9	5091.9	5396.9	5556.0	6199.1	7571.5	10037.9	10502.0	9195.9
30°	4733.9	4747.1	4965.9	5337.2	5668.7	5834.4	6570.4	7863.2	10502.0	11138.5	9553.9
32.5°	5045.5	5058.7	5310.7	5695.2	6053.2	6252.1	7054.4	8420.2	11019.1	11808.1	9911.9
35°	5476.4	5483.1	5768.1	6179.2	6557.1	6782.5	7617.9	9050.0	11556.2	12378.3	10177.1
37.5°	5986.9	6033.3	6325.1	6756.0	7200.2	7405.8	8280.9	9786.0	12033.5	12862.3	10329.6
40°	6689.7	6703.0	6988.1	7405.8	7876.5	8075.4	8943.9	10482.1	12557.3	13147.4	10468.8
42.5°	7412.4	7525.1	7763.8	8227.9	8579.3	8738.4	9699.8	11118.6	12975.0	13160.6	10409.2
45°	8380.4	8466.6	8705.3	9116.3	9467.7	9653.4	10515.3	11702.0	13187.2	13047.9	10276.6
47.5°	9487.6	9540.6	9732.9	10104.2	10495.4	10628.0	11363.9	12033.5	13266.7	12968.4	10216.9
50°	10793.7	10793.7	10932.9	11251.2	11609.2	11794.9	12146.2	12232.4	13498.8	12829.1	10369.4
52.5°	11894.3	11947.3	12133.0	12583.8	12941.9	13154.0	12756.2	12537.4	13028.0	12053.4	10415.8
55°	12948.5	13008.2	13425.8	13989.4	14599.4	14831.4	13518.7	12384.9	11443.5	10919.7	10097.6
57.5°	13956.3	14082.2	14606.0	15706.6	16628.2	16608.3	14486.7	11019.1	9341.7	9666.6	9401.4
60°	15361.8	15494.4	16329.8	17715.5	18842.6	18371.9	14499.9	9169.4	7279.8	7717.4	8095.3
62.5°	16535.3	16760.8	17987.3	20294.6	21328.9	20592.9	13299.9	7021.2	4833.3	5383.6	6258.8
65°	16429.3	16727.6	18630.4	22190.8	23735.6	23052.7	11542.9	4442.1	2492.9	3679.7	4382.5
67°	14983.9	15308.8	17775.2	22257.1	24597.5	23138.9	9746.2	2685.2	1584.6	2552.6	3043.2
67.5°	14155.2	14632.5	17350.8	22131.1	24438.4	22774.2	8937.3	2247.6	1491.8	2373.6	2771.4
70°	8705.3	9474.3	13021.4	19565.3	21905.7	19061.4	4965.9	1273.0	1213.3	1591.2	1916.1
72.5°	2618.9	2850.9	5025.6	12550.7	16077.9	14128.6	2234.3	981.2	1087.3	1279.6	1478.5
75°	1273.0	1359.2	2075.2	5131.7	7830.1	7790.3	1246.4	842.0	1007.8	1074.1	1166.9
77.5°	815.5	868.5	1292.9	2870.8	3586.9	3195.7	901.7	735.9	895.1	881.8	868.5
80°	510.5	537.0	828.8	1664.1	2645.4	2207.8	663.0	603.3	769.1	682.9	616.6
82.5°	331.5	364.7	530.4	1014.4	1889.6	1644.3	437.6	431.0	636.5	543.7	477.4
85°	218.8	245.3	338.1	596.7	1120.5	1173.5	285.1	298.4	490.6	411.1	364.7
87.5°	79.6	99.5	172.4	265.2	523.8	649.7	119.3	112.7	238.7	192.3	152.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1457291

CATALOG NUMBER: GLAN-SB7A-840-U-T4LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3	6822.3
2.5°	6842.2	6822.3	6729.5	6649.9	6590.3	6510.7	6424.5	6325.1	6258.8	6272.0	6252.1
5°	6875.4	6822.3	6643.3	6371.5	6106.3	5774.8	5350.4	5098.5	4906.2	4806.8	4833.3
7.5°	6948.3	6855.5	6477.6	5927.3	5237.7	4561.5	4143.8	3905.1	3792.4	3746.0	3739.3
10°	7074.3	6915.1	6265.4	5237.7	4336.1	3878.6	3726.1	3659.8	3646.5	3646.5	3639.9
12.5°	7226.8	6974.8	5907.4	4568.1	3905.1	3739.3	3712.8	3719.5	3739.3	3759.2	3726.1
15°	7412.4	7001.3	5463.2	4163.7	3818.9	3779.1	3818.9	3865.3	3898.5	3925.0	3891.8
17.5°	7598.0	6974.8	5045.5	3971.4	3832.2	3885.2	3964.8	4037.7	4057.6	4097.4	4070.8
20°	7730.6	6882.0	4687.4	3898.5	3865.3	3984.7	4084.1	4163.7	4203.5	4230.0	4203.5
22.5°	7830.1	6762.6	4428.9	3825.5	3865.3	4011.2	4130.5	4223.3	4269.8	4296.3	4263.1
25°	7916.3	6596.9	4230.0	3719.5	3785.8	3925.0	4057.6	4150.4	4216.7	4256.5	4236.6
27.5°	8022.4	6464.3	4044.3	3560.3	3620.0	3752.6	3891.8	4004.5	4130.5	4196.8	4183.6
30°	8141.7	6398.0	3865.3	3388.0	3427.7	3560.3	3726.1	3878.6	4051.0	4137.2	4137.2
32.5°	8280.9	6351.6	3699.6	3222.2	3255.4	3401.2	3560.3	3699.6	3885.2	4024.4	4017.8
35°	8340.6	6298.5	3567.0	3069.7	3136.0	3255.4	3381.3	3474.1	3666.4	3832.2	3845.4
37.5°	8400.3	6278.7	3500.7	2950.4	3003.4	3096.2	3162.5	3208.9	3388.0	3560.3	3567.0
40°	8473.2	6371.5	3547.1	2870.8	2824.4	2917.2	2950.4	2976.9	3069.7	3182.4	3182.4
42.5°	8426.8	6437.8	3653.2	2797.9	2605.6	2711.7	2724.9	2718.3	2724.9	2731.6	2724.9
45°	8307.5	6371.5	3653.2	2685.2	2373.6	2486.3	2479.6	2446.5	2393.4	2254.2	2234.3
47.5°	8280.9	6331.7	3513.9	2499.5	2141.5	2234.3	2247.6	2181.3	2028.8	1882.9	1836.5
50°	8393.6	6404.6	3295.1	2274.1	1942.6	2022.2	2055.3	1942.6	1770.2	1617.7	1591.2
52.5°	8559.4	6497.4	2976.9	2028.8	1776.9	1856.4	1896.2	1770.2	1591.2	1471.9	1458.6
55°	8539.5	6497.4	2618.9	1803.4	1650.9	1710.6	1776.9	1644.3	1505.0	1438.7	1432.1
57.5°	8108.5	6252.1	2353.7	1644.3	1531.5	1584.6	1670.8	1544.8	1412.2	1425.5	1445.4
60°	7266.5	5615.7	2154.8	1538.2	1425.5	1478.5	1571.3	1425.5	1253.1	1206.7	1206.7
62.5°	5986.9	4627.8	1995.6	1432.1	1326.0	1392.3	1438.7	1246.4	1133.7	1080.7	1080.7
65°	4488.5	3580.2	1829.9	1345.9	1239.8	1312.7	1259.7	1166.9	1054.2	1014.4	1021.0
67°	3328.3	2778.0	1690.7	1273.0	1186.8	1219.9	1180.1	1113.8	1001.1	968.0	1001.1
67.5°	2990.2	2638.8	1657.5	1253.1	1173.5	1200.0	1160.3	1107.2	987.9	954.7	987.9
70°	2055.3	2028.8	1478.5	1160.3	1100.6	1074.1	1094.0	1027.7	928.2	914.9	948.1
72.5°	1564.7	1617.7	1326.0	1080.7	1021.0	987.9	1034.3	968.0	868.5	888.4	921.6
75°	1226.6	1306.1	1186.8	968.0	928.2	934.8	1027.7	1001.1	921.6	941.5	948.1
77.5°	908.3	1054.2	1014.4	842.0	808.9	901.7	1160.3	1239.8	1100.6	1067.4	1021.0
80°	663.0	755.8	855.3	696.2	676.3	868.5	1432.1	1584.6	1359.2	1226.6	1193.4
82.5°	490.6	530.4	702.8	556.9	490.6	775.7	1591.2	1863.0	1617.7	1365.8	1326.0
85°	351.4	411.1	556.9	411.1	324.9	636.5	1558.1	1823.3	1604.5	1292.9	1259.7
87.5°	126.0	179.0	238.7	185.6	165.8	437.6	1286.2	1312.7	1001.1	457.5	464.1
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

REPORT NUMBER: SP1-2407-184-11

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

REPORT NUMBER: SP1-2407-184-11

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

REPORT NUMBER: SP1-2407-184-11

**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)