

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: P1457844

Luminaire Tested: GLAN-SB1B-840-U-T2LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457844  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1B-840-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 1xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (26) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

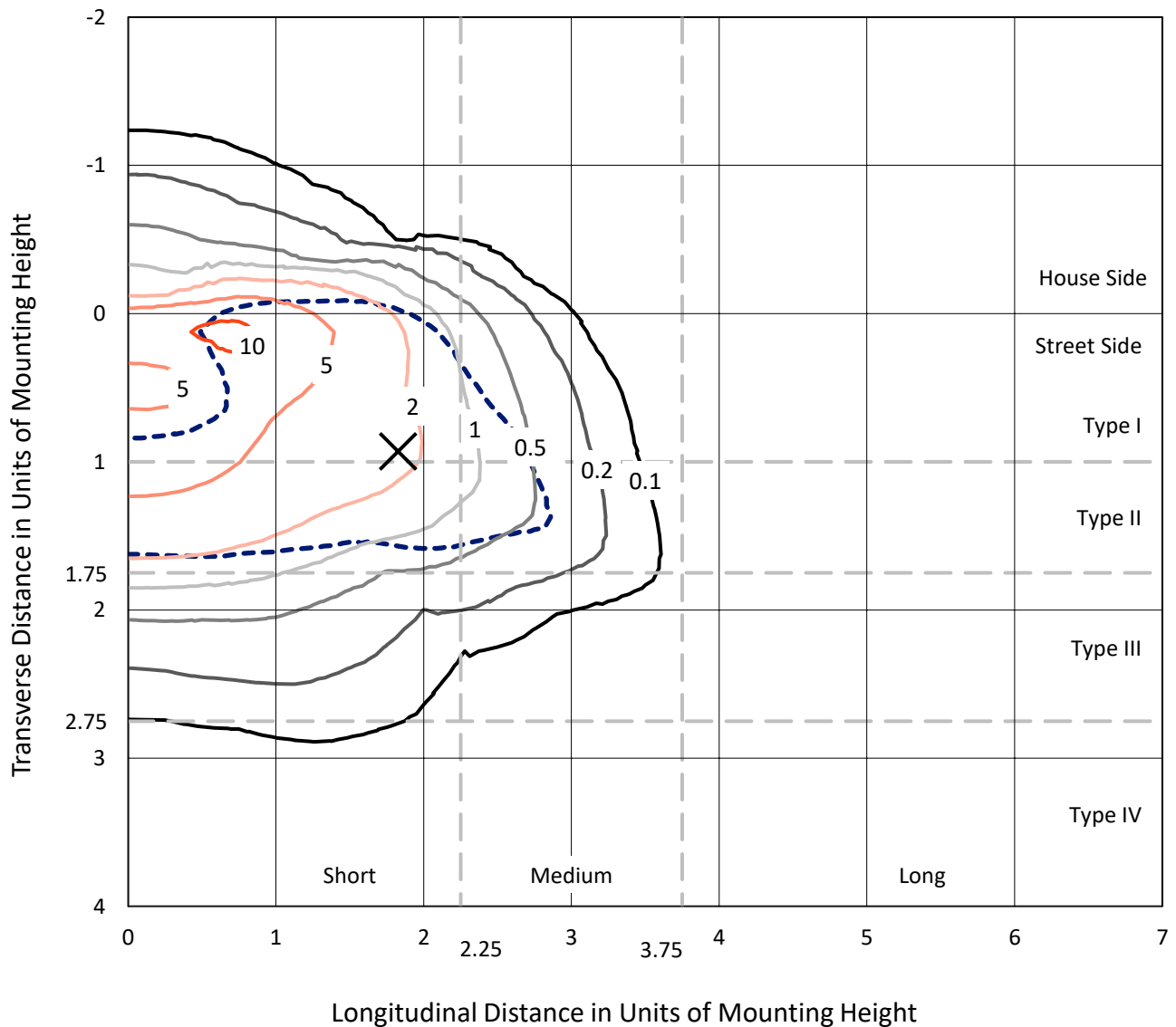
Lumens per Lamp: N/A  
Luminaire Lumens: 3902.3 lumens  
Efficiency: N/A  
Efficacy: 98.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 39.8  
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

REPORT NUMBER: P1457844  
 CATALOG NUMBER: GLAN-SB1B-840-U-T2LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

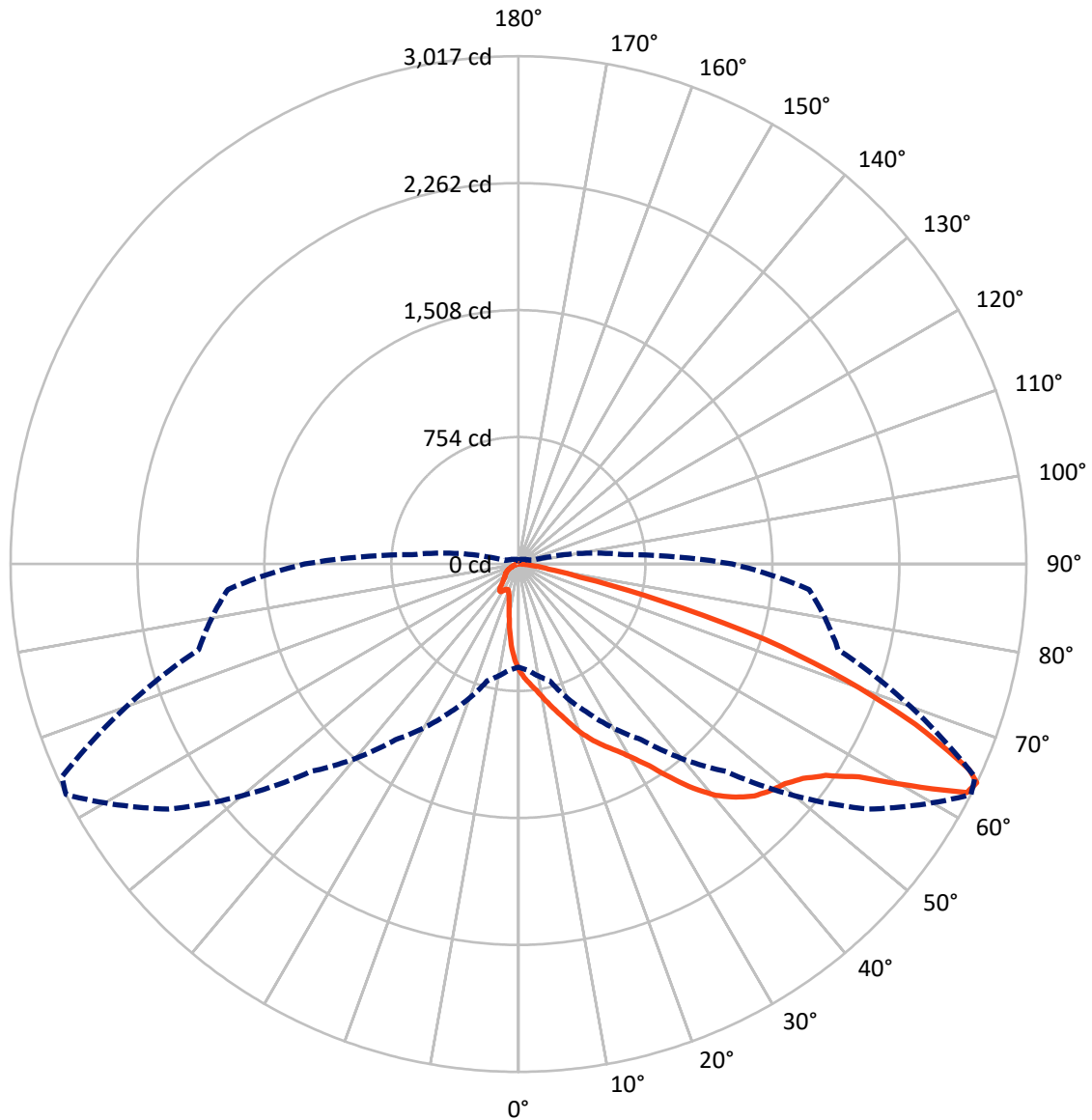
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.2 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	463.1	0.0	463.1
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	3439.2	0.0	3439.2
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	3902.3	0.0	3902.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.1	1.4
10°-20°	149.3	3.8
20°-30°	265.9	6.8
30°-40°	507.9	13.0
40°-50°	841.9	21.6
50°-60°	1049.4	26.9
60°-70°	782.5	20.1
70°-80°	224.4	5.8
80°-90°	27.8	0.7
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°	3902.3	100.0
0°-180°	3902.3	100.0



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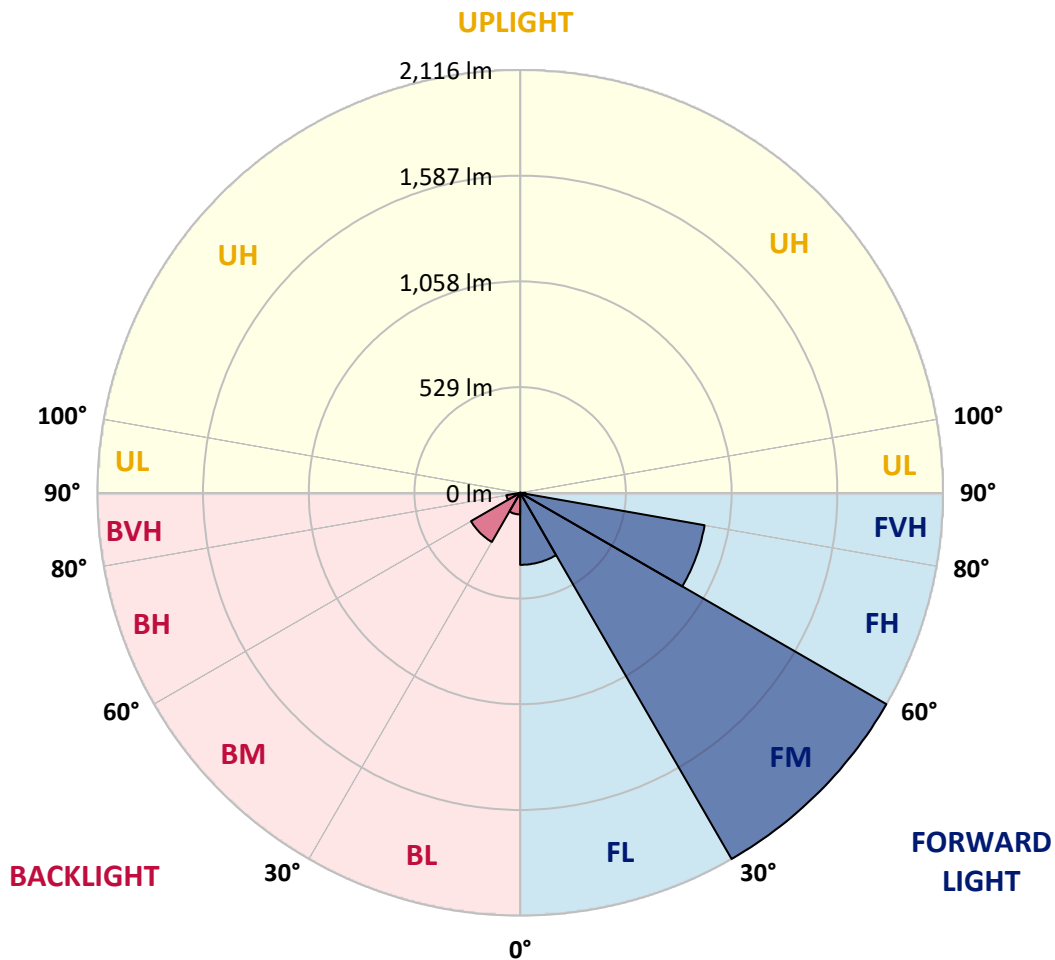
CATALOG NUMBER: GLAN-SB1B-840-U-T2LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	360.3	9.2			
FM	(30°-60°)	2115.6	54.2			
FH	(60°-80°)	936.9	24.0			G1/1800
FVH	(80°-90°)	26.4	0.7			G1/100
BL	(0°-30°)	108.0	2.8	B0/110		
BM	(30°-60°)	283.6	7.3	B1/1000		
BH	(60°-80°)	70.0	1.8	B0/110		G0/110
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0
2.5°	707.0	704.7	702.4	698.9	694.2	689.5	683.6	675.4	671.9	660.2	646.2
5°	743.3	743.3	742.2	739.8	737.5	732.8	725.8	715.2	710.6	694.2	669.6
7.5°	752.7	753.9	757.4	762.1	769.1	767.9	767.9	756.2	753.9	736.3	703.5
10°	736.3	737.5	746.8	759.7	780.8	800.7	814.7	807.7	804.2	786.6	745.7
12.5°	712.9	712.9	728.1	748.0	780.8	818.3	859.2	866.2	867.4	847.5	798.4
15°	652.0	654.4	679.0	718.8	772.6	831.1	900.2	927.1	934.1	921.3	862.7
17.5°	571.3	573.6	598.2	652.0	732.8	831.1	935.3	997.4	1006.7	1009.1	944.7
20°	537.3	537.3	551.4	592.3	676.6	808.9	956.4	1072.3	1093.3	1119.1	1034.8
22.5°	542.0	542.0	550.2	573.6	641.5	778.5	969.3	1139.0	1182.3	1247.9	1150.7
25°	567.7	567.7	574.8	590.0	645.0	773.8	993.8	1198.7	1267.8	1391.8	1283.0
27.5°	608.7	607.5	613.4	628.6	679.0	796.0	1034.8	1258.4	1335.7	1553.4	1435.2
30°	668.4	664.9	667.2	684.8	734.0	847.5	1094.5	1334.5	1412.9	1730.2	1603.7
32.5°	806.5	805.4	771.4	762.1	814.7	930.6	1176.5	1429.3	1517.1	1917.5	1777.0
35°	1055.9	1072.3	1024.3	901.4	911.9	1041.8	1293.5	1558.1	1638.8	2116.5	1965.4
37.5°	1308.7	1308.7	1288.8	1143.7	1069.9	1164.8	1419.9	1690.4	1774.6	2276.8	2146.9
40°	1508.9	1519.4	1496.0	1387.2	1291.2	1305.2	1546.4	1806.2	1883.5	2375.2	2275.7
42.5°	1657.6	1655.2	1645.9	1574.5	1520.6	1489.0	1661.1	1892.9	1966.6	2425.5	2356.4
45°	1817.9	1817.9	1805.1	1746.5	1702.1	1675.1	1746.5	1965.4	2042.7	2455.9	2406.8
47.5°	1985.3	1983.0	1970.1	1905.7	1857.8	1817.9	1833.2	2012.3	2089.5	2436.0	2415.0
50°	2026.3	2024.0	2053.2	2055.6	2012.3	1936.2	1902.2	2052.1	2120.0	2437.2	2440.7
52.5°	1978.3	1992.4	2035.7	2088.4	2137.5	2057.9	1976.0	2115.3	2185.5	2470.0	2505.1
55°	1858.9	1864.8	1947.9	2032.2	2146.9	2175.0	2094.2	2216.0	2278.0	2501.6	2562.5
57.5°	1636.5	1658.7	1747.7	1894.0	2068.5	2185.5	2300.2	2384.5	2431.3	2514.5	2530.8
60°	1235.0	1246.7	1439.8	1629.5	1905.7	2101.2	2492.2	2670.2	2664.3	2369.3	2309.6
62.5°	751.5	762.1	900.2	1201.0	1548.7	1925.6	2556.6	2989.7	2958.1	2124.6	1944.4
64°	612.2	632.1	717.6	975.1	1273.6	1741.9	2537.9	3016.6	2992.1	1966.6	1732.5
65°	523.3	550.2	638.0	846.3	1082.8	1544.0	2486.4	2941.7	2925.3	1870.6	1556.9
67.5°	328.9	341.8	471.8	657.9	745.7	988.0	2137.5	2543.7	2573.0	1666.9	1148.4
70°	244.7	250.5	324.3	509.2	581.8	574.8	1467.9	2060.3	2067.3	1333.3	693.0
72.5°	177.9	179.1	227.1	376.9	455.4	392.2	773.8	1531.2	1480.8	780.8	378.1
75°	118.2	122.9	159.2	265.7	354.7	288.0	352.4	872.1	856.9	381.6	216.6
77.5°	86.6	87.8	107.7	177.9	278.6	211.9	213.1	375.8	387.5	227.1	137.0
80°	49.2	51.5	70.2	108.9	181.4	145.2	119.4	181.4	208.4	154.5	91.3
82.5°	29.3	31.6	50.3	71.4	124.1	59.7	60.9	99.5	124.1	111.2	49.2
85°	17.6	18.7	31.6	38.6	73.7	39.8	22.2	49.2	64.4	65.6	26.9
87.5°	11.7	11.7	17.6	16.4	21.1	18.7	9.4	12.9	16.4	22.2	10.5
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-SB1B-840-U-T2LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0
2.5°	634.5	627.4	606.4	578.3	552.5	532.6	508.0	491.7	476.4	476.4	463.6
5°	649.7	631.0	579.4	515.1	446.0	380.4	338.3	291.5	276.3	263.4	265.7
7.5°	675.4	641.5	550.2	434.3	324.3	254.0	207.2	186.1	176.8	170.9	172.1
10°	707.0	660.2	515.1	352.4	238.8	186.1	163.9	155.7	152.2	151.0	151.0
12.5°	750.4	682.5	479.9	283.3	188.5	160.4	148.7	144.0	140.5	138.1	138.1
15°	801.9	710.6	439.0	233.0	165.1	147.5	138.1	133.4	128.8	127.6	127.6
17.5°	867.4	739.8	402.7	200.2	153.3	138.1	128.8	122.9	119.4	118.2	118.2
20°	940.0	776.1	366.4	181.4	145.2	128.8	119.4	114.7	111.2	108.9	110.0
22.5°	1032.5	821.8	343.0	172.1	138.1	120.6	111.2	106.5	103.0	100.7	101.8
25°	1134.3	879.1	330.1	172.1	133.4	114.7	104.2	99.5	96.0	93.6	93.6
27.5°	1258.4	943.5	331.3	179.1	132.3	110.0	98.3	93.6	90.1	86.6	86.6
30°	1395.4	1019.6	344.2	192.0	134.6	105.4	93.6	86.6	84.3	80.8	80.8
32.5°	1540.5	1107.4	376.9	208.4	132.3	99.5	86.6	80.8	77.3	74.9	74.9
35°	1693.9	1206.9	417.9	215.4	120.6	91.3	80.8	74.9	72.6	71.4	70.2
37.5°	1840.2	1293.5	440.1	201.3	105.4	84.3	73.7	67.9	66.7	64.4	64.4
40°	1953.7	1364.9	427.3	172.1	97.2	77.3	67.9	62.0	59.7	57.4	57.4
42.5°	2020.5	1390.7	380.4	146.3	91.3	70.2	62.0	56.2	53.8	52.7	52.7
45°	2059.1	1387.2	325.4	131.1	85.5	64.4	56.2	52.7	49.2	48.0	46.8
47.5°	2057.9	1350.9	285.6	118.2	79.6	59.7	52.7	49.2	45.7	44.5	44.5
50°	2049.7	1297.0	241.1	108.9	74.9	56.2	49.2	46.8	43.3	42.1	41.0
52.5°	2069.6	1266.6	201.3	103.0	69.1	53.8	48.0	44.5	39.8	38.6	38.6
55°	2094.2	1249.0	161.5	97.2	64.4	52.7	45.7	42.1	37.5	36.3	36.3
57.5°	2022.8	1182.3	133.4	87.8	58.5	50.3	43.3	41.0	36.3	32.8	32.8
60°	1798.0	977.5	110.0	77.3	53.8	46.8	41.0	37.5	32.8	28.1	28.1
62.5°	1462.1	745.7	91.3	65.6	50.3	43.3	37.5	33.9	28.1	22.2	22.2
64°	1270.1	633.3	81.9	57.4	48.0	39.8	33.9	30.4	24.6	18.7	17.6
65°	1139.0	559.5	76.1	53.8	46.8	37.5	32.8	29.3	22.2	17.6	16.4
67.5°	801.9	375.8	60.9	44.5	41.0	31.6	28.1	24.6	19.9	15.2	14.0
70°	467.1	213.1	48.0	37.5	31.6	24.6	23.4	22.2	17.6	11.7	11.7
72.5°	254.0	106.5	36.3	30.4	24.6	17.6	19.9	17.6	14.0	9.4	8.2
75°	155.7	65.6	26.9	22.2	16.4	12.9	15.2	12.9	8.2	5.9	4.7
77.5°	104.2	42.1	19.9	15.2	10.5	8.2	10.5	7.0	3.5	1.2	1.2
80°	64.4	29.3	12.9	9.4	5.9	3.5	2.3	1.2	1.2	0.0	0.0
82.5°	28.1	18.7	7.0	4.7	2.3	1.2	1.2	0.0	0.0	0.0	0.0
85°	15.2	5.9	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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



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 (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (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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**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)