

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: P1456118

Luminaire Tested: GLAN-SB1D-840-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456118  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1D-840-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (26) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9418.1 lumens  
Efficiency: N/A  
Efficacy: 118.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

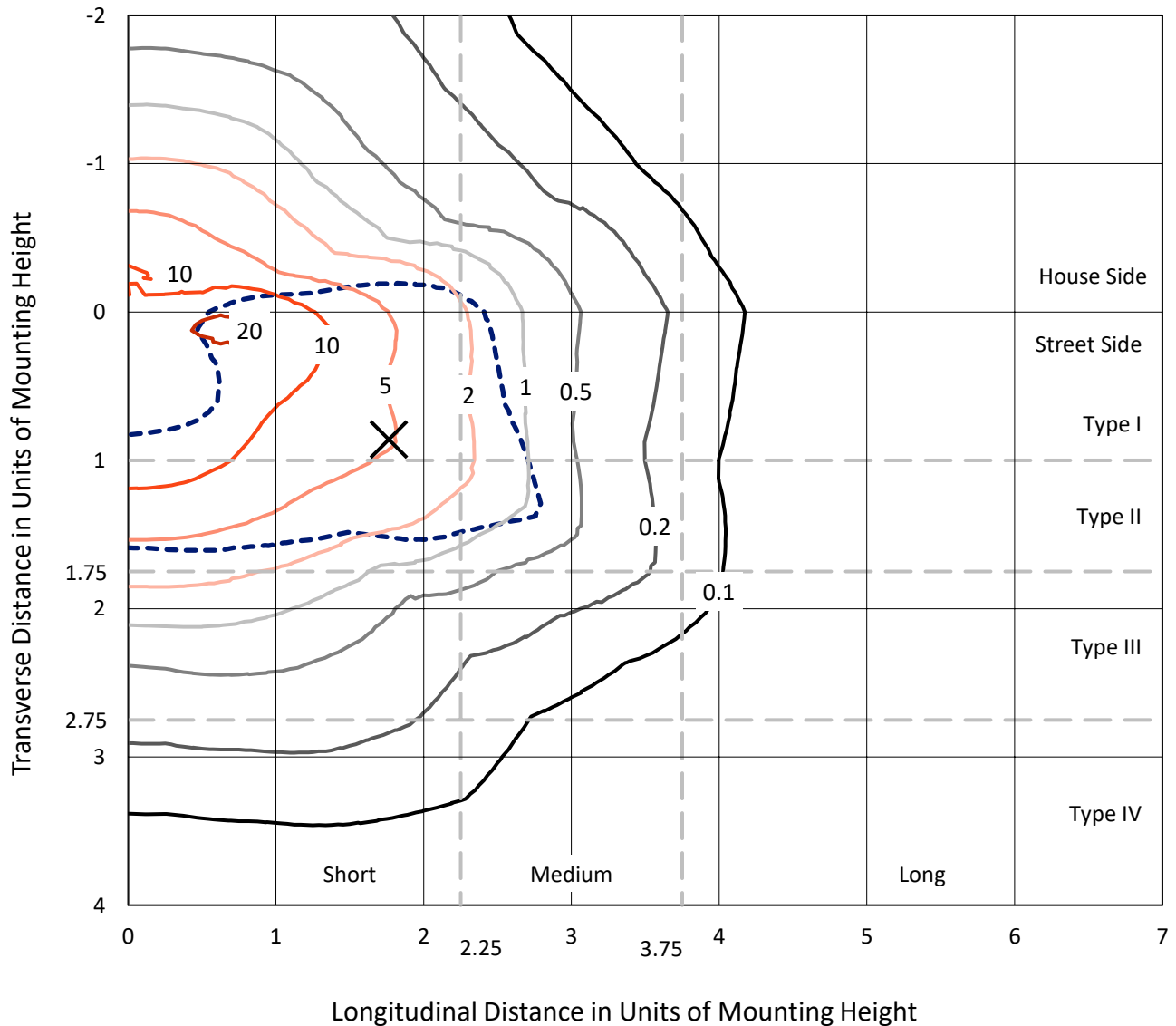
Input Watts (W): 79.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB1D-840-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

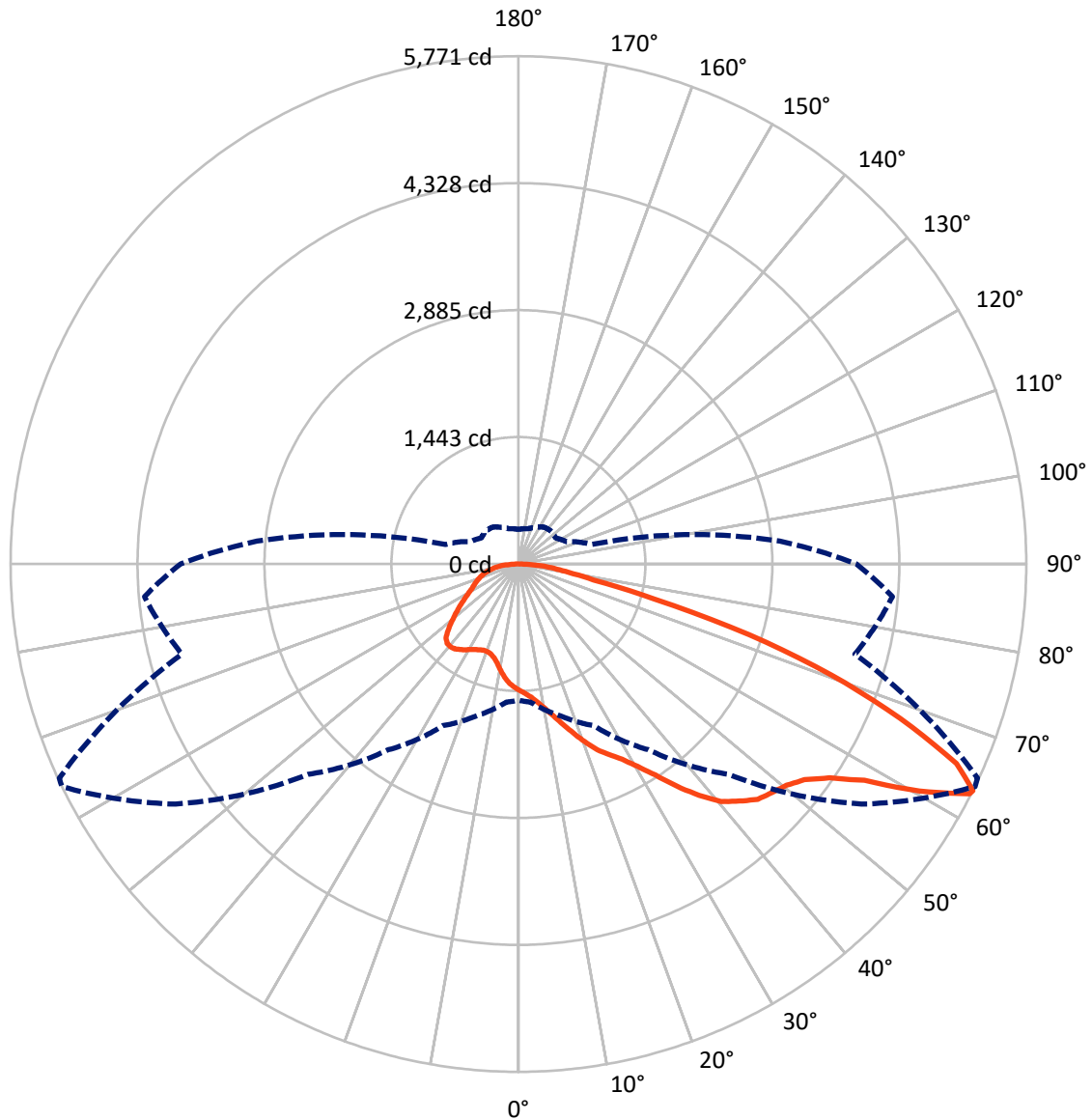


Based on 10 foot mounting height. Maximum calculated value = 22.1 fc  
 Type II - Short - N/A

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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	2530.4	0.0	2530.4
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	6887.7	0.0	6887.7
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	9418.1	0.0	9418.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	131.7	1.4
10°-20°	405.4	4.3
20°-30°	741.3	7.9
30°-40°	1275.2	13.5
40°-50°	1880.6	20.0
50°-60°	2254.0	23.9
60°-70°	1809.1	19.2
70°-80°	726.9	7.7
80°-90°	193.8	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°	9418.1	100.0
0°-180°	9418.1	100.0



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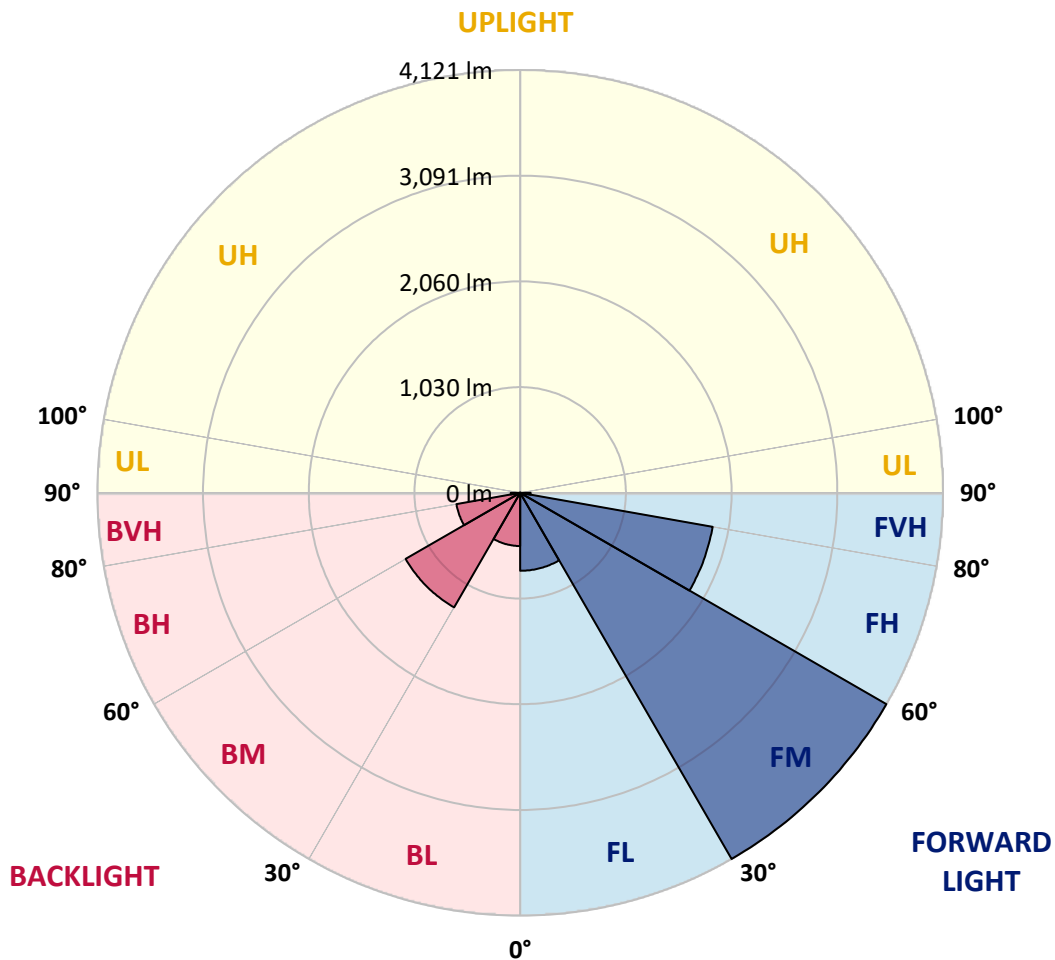
CATALOG NUMBER: GLAN-SB1D-840-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	759.9	8.1			
FM (30°-60°)	4120.9	43.8			
FH (60°-80°)	1905.1	20.2			G2/5000
FVH (80°-90°)	101.8	1.1			G2/225
BL (0°-30°)	518.6	5.5	B2/1000		
BM (30°-60°)	1288.9	13.7	B2/2500		
BH (60°-80°)	630.9	6.7	B2/1000		G2/1000
BVH (80°-90°)	92.0	1.0			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3
2.5°	1493.5	1495.6	1489.3	1487.2	1491.4	1482.9	1480.8	1472.3	1468.1	1459.7	1449.1
5°	1535.8	1537.9	1533.7	1533.7	1537.9	1531.6	1529.5	1521.0	1516.8	1508.3	1487.2
7.5°	1533.7	1535.8	1540.0	1557.0	1578.1	1586.6	1592.9	1586.6	1584.5	1571.8	1550.6
10°	1499.8	1502.0	1512.5	1537.9	1590.8	1628.9	1669.1	1669.1	1673.3	1662.7	1624.7
12.5°	1453.3	1455.4	1480.8	1521.0	1590.8	1656.4	1738.9	1772.7	1770.6	1764.3	1719.9
15°	1341.2	1341.2	1379.3	1455.4	1567.5	1675.4	1798.1	1889.1	1891.2	1897.5	1844.7
17.5°	1246.0	1248.1	1279.8	1347.5	1493.5	1664.8	1861.6	2018.1	2024.5	2060.4	1984.3
20°	1254.5	1254.5	1265.0	1294.6	1413.1	1622.5	1897.5	2155.6	2176.8	2261.4	2166.2
22.5°	1320.0	1320.0	1328.5	1326.4	1398.3	1595.0	1920.8	2293.1	2331.2	2506.8	2384.1
25°	1440.6	1438.5	1430.0	1417.3	1459.7	1624.7	1973.7	2398.9	2472.9	2777.6	2635.8
27.5°	1588.7	1584.5	1571.8	1550.6	1580.2	1713.5	2064.7	2511.0	2591.4	3073.7	2902.4
30°	1772.7	1760.0	1747.4	1719.9	1751.6	1859.5	2200.1	2669.7	2745.8	3410.1	3223.9
32.5°	1990.6	2005.4	1963.1	1925.0	1958.9	2058.3	2401.0	2858.0	2940.5	3761.2	3558.2
35°	2316.4	2360.8	2348.1	2155.6	2187.4	2297.4	2635.8	3101.2	3175.3	4080.7	3900.9
37.5°	2638.0	2627.4	2638.0	2477.2	2426.4	2559.7	2887.6	3333.9	3405.9	4340.9	4203.4
40°	2896.0	2927.8	2927.8	2796.6	2731.0	2819.9	3116.0	3547.6	3617.4	4484.7	4421.3
42.5°	3177.4	3181.6	3173.2	3058.9	3033.5	3056.8	3317.0	3683.0	3740.1	4558.8	4569.3
45°	3494.7	3492.6	3456.6	3361.4	3323.4	3302.2	3441.8	3814.1	3871.3	4592.6	4649.7
47.5°	3757.0	3767.6	3769.7	3668.2	3604.7	3513.7	3549.7	3879.7	3945.3	4554.5	4666.7
50°	3771.8	3788.7	3869.1	3898.8	3886.1	3740.1	3649.1	3949.5	4015.1	4563.0	4728.0
52.5°	3678.7	3695.7	3799.3	3922.0	4070.1	4000.3	3805.7	4070.1	4137.8	4645.5	4867.6
55°	3429.1	3456.6	3611.1	3782.4	4046.8	4146.3	4082.8	4288.0	4351.5	4711.1	5030.5
57.5°	2984.9	3018.7	3232.4	3505.3	3867.0	4112.4	4484.7	4637.0	4689.9	4757.6	5032.6
60°	2231.8	2259.3	2593.5	2961.6	3505.3	3900.9	4723.8	5235.7	5265.3	4505.9	4747.0
62.5°	1643.7	1671.2	1895.4	2159.9	2754.3	3511.6	4770.3	5754.0	5758.2	4051.1	4353.6
63°	1548.5	1576.0	1779.1	2026.6	2576.6	3380.5	4755.5	5770.9	5756.1	3958.0	4266.8
65°	1205.8	1254.5	1466.0	1654.3	1931.4	2690.8	4565.1	5470.5	5491.7	3683.0	3831.1
67.5°	820.8	856.8	1125.4	1343.3	1459.7	1713.5	3744.3	4681.5	4715.3	3397.4	3056.8
70°	634.6	651.6	808.1	1064.1	1180.4	1089.5	2441.2	3769.7	3769.7	2652.8	2166.2
72.5°	497.1	503.5	609.2	831.4	949.8	837.7	1360.2	2741.6	2640.1	1573.9	1444.8
75°	355.4	363.9	459.1	619.8	757.3	660.0	869.4	1597.2	1535.8	905.4	964.6
77.5°	281.4	285.6	342.7	456.9	613.5	503.5	662.1	871.6	863.1	636.7	619.8
80°	222.1	230.6	268.7	327.9	473.9	393.5	492.9	575.4	558.5	437.9	397.7
82.5°	158.7	173.5	207.3	249.6	351.2	281.4	323.7	406.2	406.2	330.0	262.3
85°	97.3	110.0	122.7	154.4	249.6	181.9	171.4	262.3	268.7	247.5	169.2
87.5°	46.5	50.8	59.2	65.6	91.0	82.5	67.7	99.4	101.5	110.0	69.8
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°	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3	1434.3
2.5°	1447.0	1442.7	1421.6	1400.4	1377.2	1356.0	1334.8	1317.9	1298.9	1303.1	1305.2
5°	1474.5	1463.9	1417.3	1362.3	1290.4	1222.7	1157.1	1110.6	1081.0	1072.5	1055.6
7.5°	1533.7	1508.3	1423.7	1307.3	1174.1	1068.3	1006.9	979.4	971.0	973.1	968.9
10°	1601.4	1563.3	1432.2	1241.8	1072.5	1000.6	992.1	1009.1	1017.5	1026.0	1028.1
12.5°	1690.2	1628.9	1427.9	1169.8	1023.9	1011.2	1042.9	1074.6	1093.7	1106.4	1104.3
15°	1793.9	1711.4	1415.2	1110.6	1017.5	1051.4	1091.6	1127.5	1150.8	1163.5	1157.1
17.5°	1918.7	1808.7	1400.4	1072.5	1036.6	1076.8	1119.1	1155.0	1180.4	1188.9	1182.5
20°	2073.1	1918.7	1375.0	1055.6	1051.4	1087.3	1125.4	1159.3	1180.4	1188.9	1180.4
22.5°	2255.1	2049.9	1353.9	1055.6	1057.7	1087.3	1114.8	1140.2	1159.3	1165.6	1155.0
25°	2487.8	2202.2	1345.4	1072.5	1059.8	1076.8	1091.6	1106.4	1117.0	1121.2	1117.0
27.5°	2724.7	2377.8	1349.6	1093.7	1057.7	1061.9	1061.9	1064.1	1066.2	1068.3	1066.2
30°	2997.6	2555.4	1366.6	1121.2	1061.9	1040.8	1034.4	1021.8	1011.2	1002.7	994.3
32.5°	3262.0	2724.7	1396.2	1161.4	1057.7	1017.5	1004.8	973.1	943.5	918.1	918.1
35°	3547.6	2900.3	1449.1	1191.0	1053.5	996.4	960.4	924.4	892.7	856.8	856.8
37.5°	3793.0	3050.5	1491.4	1224.8	1049.3	971.0	913.9	873.7	839.8	803.9	799.6
40°	3964.3	3137.2	1516.8	1237.5	1034.4	937.1	869.4	818.7	770.0	721.4	719.2
42.5°	4046.8	3133.0	1502.0	1233.3	1006.9	894.8	831.4	763.7	698.1	653.7	649.4
45°	4091.3	3105.5	1444.8	1197.3	962.5	850.4	782.7	710.8	645.2	605.0	596.6
47.5°	4082.8	3037.8	1366.6	1108.5	903.3	801.8	734.1	660.0	607.1	583.9	583.9
50°	4106.1	2984.9	1277.7	1006.9	822.9	744.6	689.6	621.9	590.2	560.6	550.0
52.5°	4209.7	3029.3	1201.6	911.8	746.7	689.6	651.6	594.4	554.2	535.2	528.9
55°	4347.2	3124.5	1129.6	827.1	672.7	641.0	621.9	569.1	522.5	503.5	492.9
57.5°	4372.6	3190.1	1059.8	744.6	611.4	602.9	596.6	524.6	486.6	471.7	463.3
60°	4197.0	3141.4	968.9	670.6	562.7	566.9	550.0	497.1	452.7	437.9	429.4
62.5°	3898.8	3014.5	877.9	607.1	524.6	533.1	516.2	463.3	418.9	404.0	399.8
63°	3839.5	2980.7	856.8	600.8	516.2	526.7	511.9	459.1	414.6	399.8	393.5
65°	3486.2	2777.6	782.7	566.9	488.7	488.7	490.8	437.9	399.8	393.5	389.2
67.5°	2843.1	2318.5	702.3	526.7	459.1	465.4	476.0	446.4	431.5	427.3	423.1
70°	2149.3	1745.2	632.5	488.7	427.3	448.5	520.4	507.7	452.7	414.6	406.2
72.5°	1523.1	1188.9	571.2	450.6	389.2	442.1	539.4	484.4	408.3	363.9	355.4
75°	1019.6	765.8	509.8	410.4	346.9	408.3	509.8	442.1	355.4	344.8	332.1
77.5°	641.0	545.8	448.5	363.9	300.4	363.9	463.3	393.5	306.7	311.0	291.9
80°	391.4	389.2	376.5	308.9	241.2	289.8	389.2	332.1	245.4	245.4	217.9
82.5°	232.7	281.4	319.4	256.0	175.6	207.3	281.4	249.6	205.2	198.9	186.2
85°	156.5	190.4	253.9	196.7	112.1	126.9	194.6	209.4	188.3	165.0	154.4
87.5°	57.1	76.2	116.3	80.4	48.7	76.2	146.0	152.3	114.2	88.8	80.4
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			

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)