

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: P1456727

Luminaire Tested: GLAN-SB1A-850-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456727  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1A-850-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 1xLight Square  
PACKAGE 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (26) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

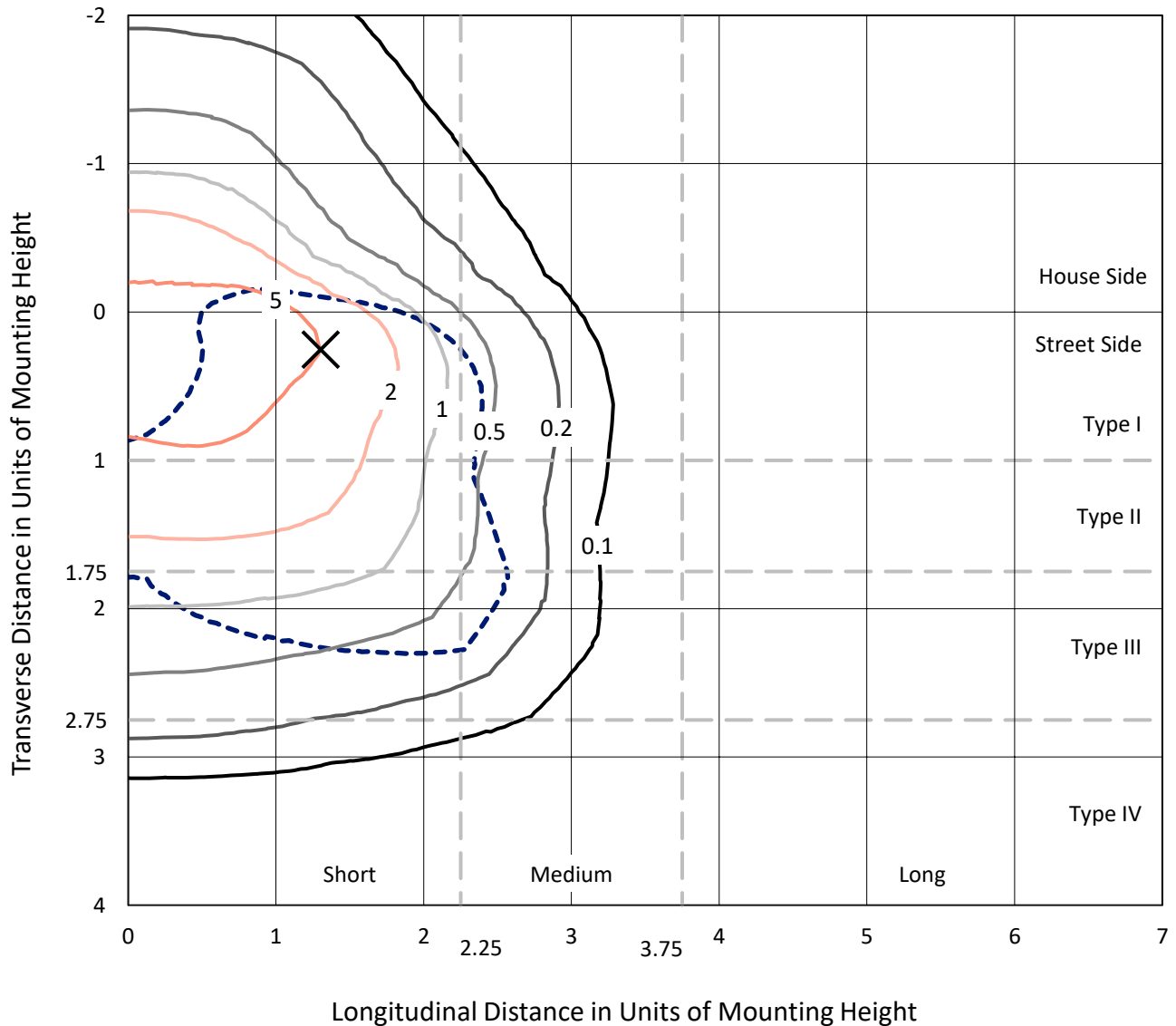
Lumens per Lamp: N/A  
Luminaire Lumens: 4186 lumens  
Efficiency: N/A  
Efficacy: 135.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 30.9  
Input Voltage (V): 120  
Input Current (A<sub>in</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-SB1A-850-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

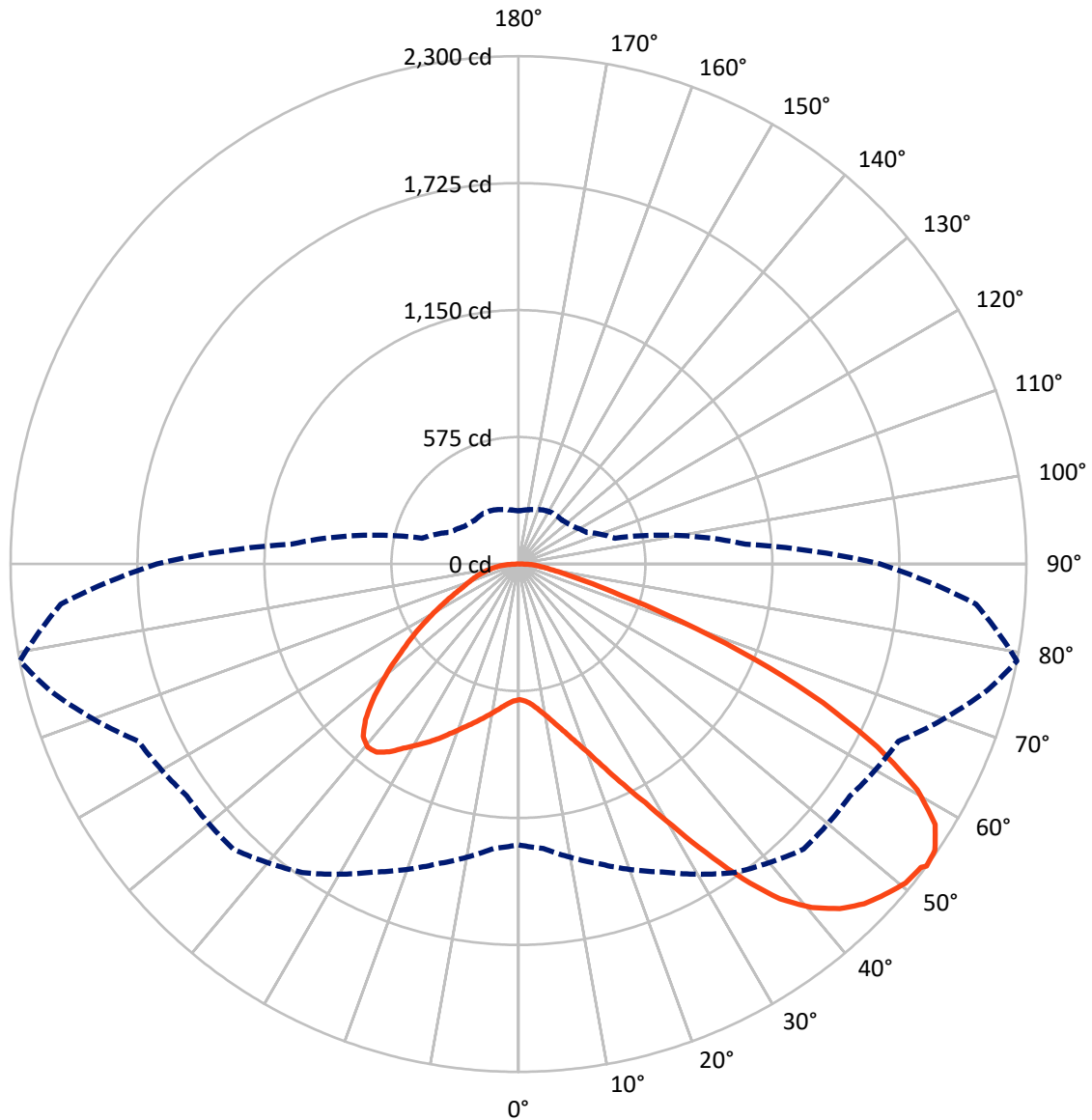


Based on 10 foot mounting height. Maximum calculated value = 9.6 fc  
 Type III - Short - N/A

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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	1055.3	0.0	1055.3
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	3130.8	0.0	3130.8
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	4186.0	0.0	4186.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.6	1.4
10°-20°	181.3	4.3
20°-30°	346.7	8.3
30°-40°	595.2	14.2
40°-50°	833.7	19.9
50°-60°	946.1	22.6
60°-70°	829.7	19.8
70°-80°	324.4	7.8
80°-90°	70.3	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°	4186.0	100.0
0°-180°	4186.0	100.0



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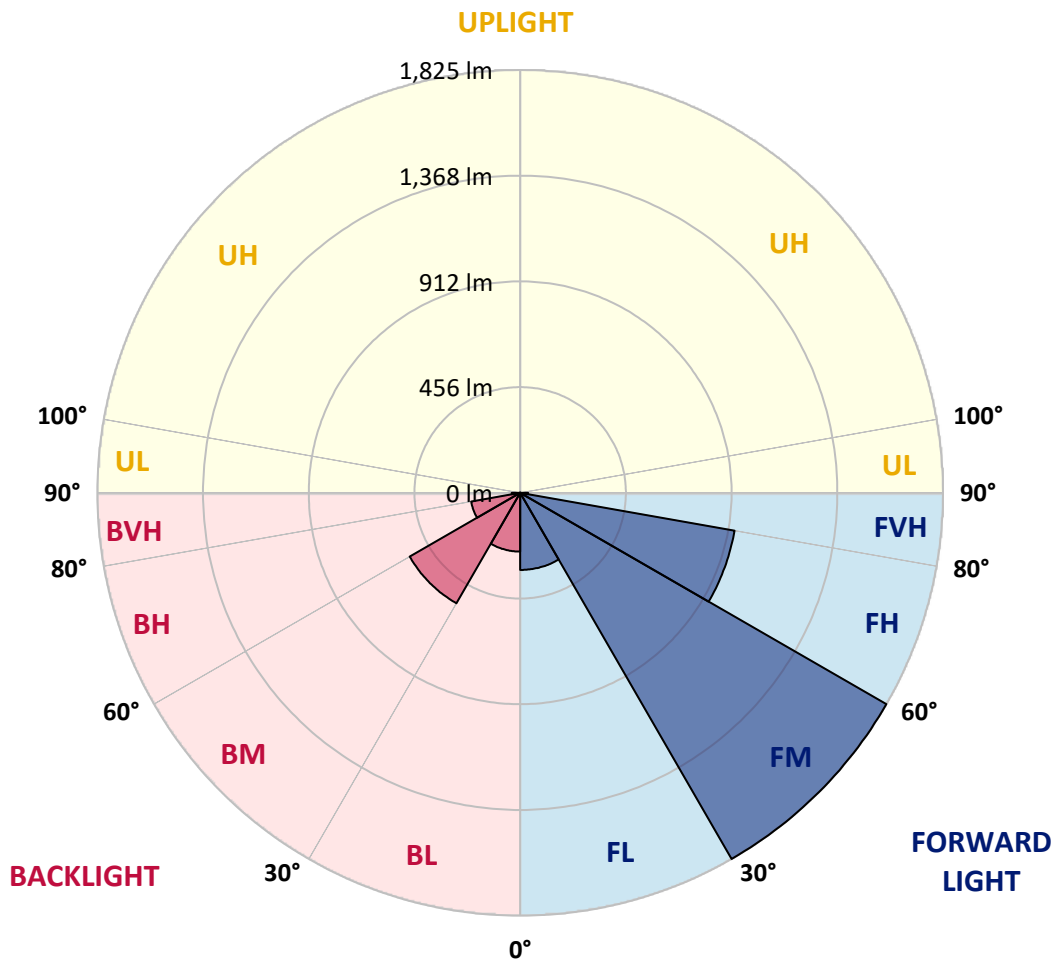
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	332.8	7.9			
FM	(30°-60°)	1824.6	43.6			
FH	(60°-80°)	939.4	22.4			G1/1800
FVH	(80°-90°)	34.1	0.8			G1/100
BL	(0°-30°)	253.8	6.1	B1/500		
BM	(30°-60°)	550.5	13.2	B1/1000		
BH	(60°-80°)	214.8	5.1	B1/500		G1/500
BVH	(80°-90°)	36.2	0.9			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

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

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5
2.5°	615.5	615.5	611.7	615.5	613.6	616.4	618.3	618.3	622.0	621.1	621.1
5°	605.2	603.3	602.4	608.9	612.7	620.1	628.5	632.2	638.8	638.8	639.7
7.5°	578.2	577.2	581.9	594.9	607.1	625.7	643.4	653.7	663.9	665.8	665.8
10°	561.4	560.4	566.0	581.9	601.5	628.5	656.5	677.9	694.7	699.4	699.4
12.5°	561.4	561.4	566.0	581.9	602.4	635.0	673.3	709.6	735.7	741.3	739.5
15°	577.2	576.3	581.9	598.7	618.3	649.0	695.7	744.1	779.6	789.8	790.8
17.5°	594.0	593.1	601.5	622.9	646.2	677.0	724.6	784.2	834.6	847.7	850.4
20°	620.1	619.2	629.4	650.0	678.9	714.3	763.7	831.8	901.7	915.7	919.5
22.5°	650.0	650.9	662.1	687.3	716.2	762.8	823.4	898.9	982.9	1004.3	1008.0
25°	712.4	709.6	719.0	736.7	767.5	823.4	898.0	980.1	1079.8	1106.0	1110.6
27.5°	795.4	790.8	801.0	818.7	841.1	893.3	979.1	1070.5	1190.8	1223.5	1224.4
30°	870.0	867.2	881.2	917.6	940.9	981.0	1072.4	1176.8	1327.9	1375.5	1377.3
32.5°	934.4	933.4	959.6	1006.2	1059.3	1102.2	1190.8	1311.1	1501.3	1556.4	1544.2
35°	995.9	998.7	1031.4	1079.8	1150.7	1236.5	1326.0	1463.1	1684.1	1750.3	1730.7
37.5°	1058.4	1060.3	1103.2	1165.6	1240.2	1352.1	1472.4	1628.2	1842.6	1924.7	1881.8
40°	1116.2	1121.8	1179.6	1246.8	1343.7	1457.5	1591.8	1742.9	1964.8	2045.9	1999.3
42.5°	1174.0	1182.4	1244.9	1337.2	1440.7	1559.2	1674.8	1812.8	2043.1	2133.6	2061.8
45°	1233.7	1239.3	1316.7	1412.8	1530.2	1639.4	1722.3	1857.6	2097.2	2195.1	2097.2
47.5°	1273.8	1285.0	1369.9	1480.8	1598.3	1700.9	1760.6	1876.2	2131.7	2235.2	2110.3
50°	1289.7	1305.5	1396.9	1520.0	1654.3	1758.7	1790.4	1886.5	2169.9	2270.7	2107.5
52.5°	1286.9	1301.8	1401.6	1537.7	1699.0	1811.9	1819.3	1897.7	2197.0	2282.8	2083.2
53°	1271.9	1292.5	1404.4	1538.6	1705.6	1825.9	1832.4	1898.6	2200.7	2299.6	2079.5
55°	1220.7	1231.8	1375.5	1537.7	1736.3	1878.1	1868.7	1926.6	2211.0	2288.4	2038.5
57.5°	1174.0	1185.2	1310.2	1520.0	1761.5	1951.7	1927.5	1921.9	2155.0	2225.0	1935.0
60°	1144.2	1147.9	1253.3	1464.0	1751.3	2003.0	1965.7	1866.9	2017.0	2074.8	1753.1
62.5°	1119.0	1118.1	1211.3	1383.8	1712.1	2010.5	1973.2	1730.7	1814.7	1824.0	1510.7
65°	1062.1	1055.6	1146.1	1293.4	1631.0	1976.9	1881.8	1524.7	1546.1	1515.3	1213.2
67.5°	949.3	935.3	1015.5	1155.4	1465.9	1881.8	1707.4	1285.0	1218.8	1157.2	913.9
70°	679.8	679.8	744.1	884.0	1176.8	1626.3	1465.9	972.6	839.3	784.2	610.8
72.5°	332.9	341.3	408.4	522.2	788.9	1180.6	1122.7	630.4	509.2	482.1	391.7
75°	141.7	142.7	174.4	231.3	400.0	698.4	703.1	363.7	326.4	313.3	259.2
77.5°	98.8	100.7	114.7	136.1	190.2	320.8	365.5	220.1	219.1	209.8	184.6
80°	75.5	77.4	86.7	101.6	127.8	164.1	189.3	149.2	156.7	147.3	133.3
82.5°	56.9	58.7	65.3	76.5	91.4	110.0	106.3	110.0	115.6	110.0	96.0
85°	38.2	39.2	43.8	53.2	58.7	66.2	66.2	80.2	83.9	82.1	75.5
87.5°	19.6	19.6	23.3	28.0	29.8	30.8	27.0	35.4	40.1	43.8	35.4
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°	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5
2.5°	621.1	622.0	619.2	618.3	617.3	612.7	612.7	608.0	607.1	608.0	605.2
5°	641.6	639.7	632.2	626.6	620.1	607.1	599.6	589.3	586.5	583.8	581.0
7.5°	666.7	663.9	650.9	636.0	618.3	593.1	579.1	562.3	556.7	552.0	550.2
10°	698.4	692.9	672.3	640.6	608.0	577.2	557.6	537.1	527.8	525.9	521.3
12.5°	739.5	729.2	691.0	641.6	598.7	558.6	537.1	521.3	517.5	516.6	511.9
15°	785.2	770.3	708.7	642.5	586.5	542.7	529.7	521.3	521.3	520.3	517.5
17.5°	841.1	816.9	725.5	638.8	571.6	538.1	531.5	524.1	522.2	523.1	519.4
20°	908.3	868.2	743.2	634.1	565.1	539.0	531.5	521.3	516.6	515.7	512.9
22.5°	985.7	926.9	762.8	626.6	565.1	538.1	525.9	511.9	502.6	498.9	495.2
25°	1074.3	995.0	783.3	623.8	567.0	534.3	514.7	492.4	477.4	471.8	469.1
27.5°	1181.5	1066.8	798.2	626.6	566.0	525.9	495.2	466.3	449.5	440.1	438.3
30°	1299.9	1144.2	808.5	631.3	560.4	510.1	471.8	439.2	415.9	404.7	401.9
32.5°	1439.8	1230.9	818.7	631.3	546.5	487.7	444.8	409.4	385.1	372.1	370.2
35°	1594.6	1337.2	828.1	630.4	529.7	463.5	417.8	381.4	356.2	343.2	342.2
37.5°	1726.1	1417.4	832.7	621.1	506.4	435.5	392.6	356.2	330.1	316.1	315.2
40°	1807.2	1451.0	823.4	602.4	478.4	406.6	364.6	331.0	304.9	288.1	284.4
42.5°	1838.0	1435.1	793.6	571.6	444.8	377.7	341.3	305.9	271.4	257.4	254.6
45°	1827.7	1373.6	730.2	527.8	407.5	351.6	320.8	280.7	258.3	246.2	245.2
47.5°	1793.2	1278.5	650.9	472.8	368.3	328.2	293.7	274.2	253.6	240.6	239.7
50°	1732.6	1176.8	555.8	410.3	332.9	304.0	287.2	271.4	254.6	244.3	242.5
52.5°	1655.2	1062.1	468.1	349.7	302.1	282.6	280.7	269.5	256.4	245.2	240.6
53°	1637.5	1032.3	451.3	339.4	297.5	279.8	278.8	269.5	254.6	244.3	240.6
55°	1552.6	940.0	398.2	303.1	274.2	270.4	278.8	268.6	249.9	241.5	238.7
57.5°	1416.5	818.7	346.9	269.5	249.9	259.2	276.0	264.8	244.3	229.4	224.7
60°	1252.4	679.8	307.7	247.1	232.2	245.2	264.8	251.8	223.8	216.3	215.4
62.5°	1056.5	550.2	277.9	228.5	217.3	230.3	248.0	225.7	205.2	199.6	197.7
65°	825.3	437.3	254.6	214.5	202.4	212.6	224.7	210.7	197.7	193.0	192.1
67.5°	613.6	343.2	235.9	202.4	187.4	194.0	207.9	204.2	193.0	190.2	189.3
70°	423.4	278.8	219.1	191.2	168.8	176.2	197.7	200.5	189.3	187.4	186.5
72.5°	296.5	235.9	201.4	179.0	153.9	161.3	193.0	193.0	180.9	183.7	181.8
75°	222.9	198.6	180.9	164.1	135.2	146.4	186.5	184.6	172.5	184.6	180.0
77.5°	167.9	160.4	156.7	145.5	118.4	129.6	173.4	169.7	153.9	154.8	146.4
80°	122.2	124.0	134.3	124.0	98.8	107.2	146.4	144.5	125.0	128.7	118.4
82.5°	87.7	92.3	114.7	99.8	71.8	76.5	100.7	109.1	97.9	92.3	94.2
85°	66.2	69.0	92.3	73.7	44.8	50.4	69.0	78.3	76.5	70.9	71.8
87.5°	28.0	31.7	42.9	34.5	26.1	26.1	42.9	55.0	49.4	42.0	43.8
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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-12  
 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-850-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 4760  
 CIE u': 0.2107  
 CIE v': 0.4939  
 Duv: 0.0050  
 CIE x: 0.3537  
 CIE y: 0.3685  
 CIE z: 0.2779  
 Peak Wavelength (nm): 443  
 Dominant Wavelength (nm): 571  
 Purity: 16.69598  
 Rf: 82  
 Rg: 99.4

CRI (Ra):	81.1		
R1:	79.8	R9:	8.7
R2:	83.5	R10:	62.4
R3:	87.9	R11:	83.8
R4:	83.1	R12:	63.0
R5:	80.5	R13:	79.9
R6:	79.1	R14:	93.3
R7:	86.1	R15:	72.7
R8:	69.0		



**Test Conditions**

Stabilization Time: 21M  
 Operation Time: 1H 21M  
 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 5000K 7-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

**Summary**

$R_f = 82$   
 $R_g = 99.4$   
 $CIE R_a = 81.1$   
 $R_9 = 8.7$



**Color Vector Graphics**

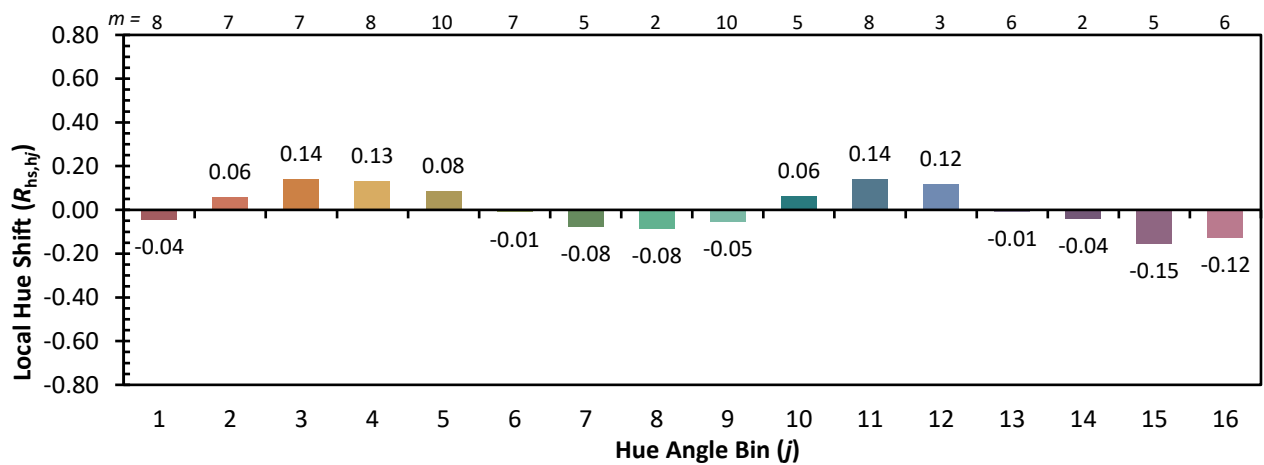


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)