

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: P1456200

Luminaire Tested: GLAN-SB4B-927-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456200  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4B-927-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square  
PACKAGE 90CRI 2700K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (104) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13281.6 lumens  
Efficiency: N/A  
Efficacy: 90.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

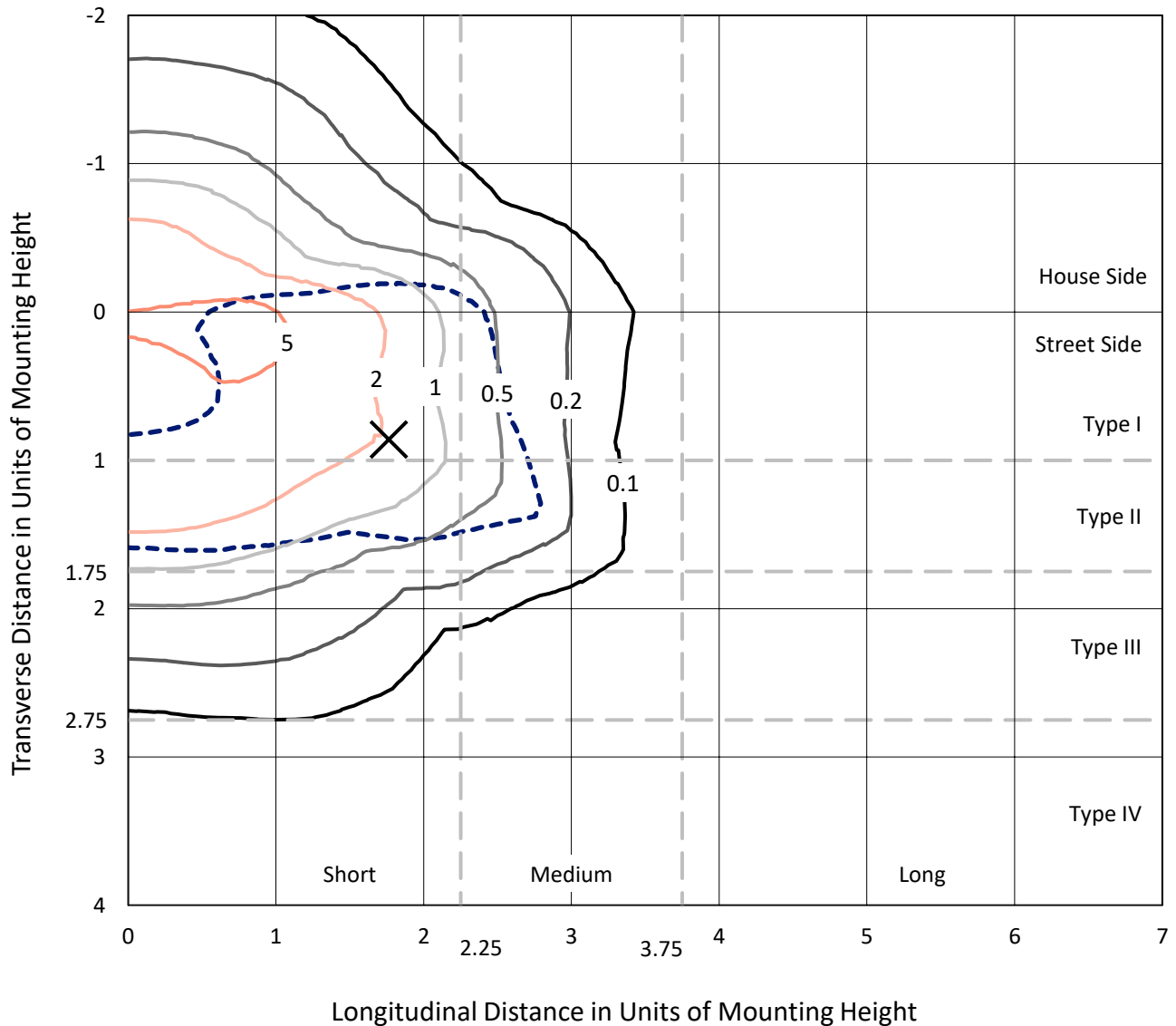
Input Watts (W): 147  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

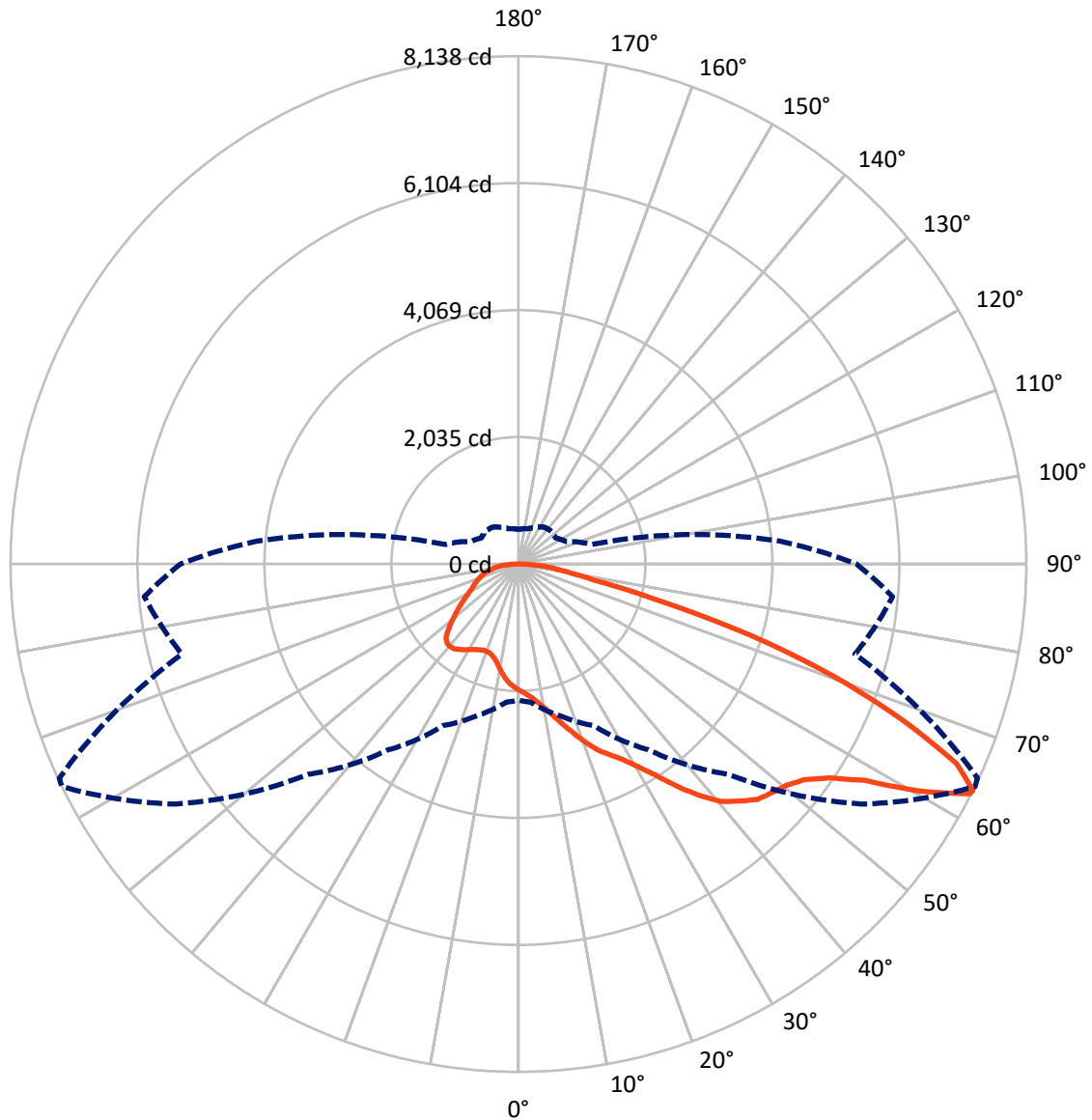


Based on 20 foot mounting height. Maximum calculated value = 7.8 fc  
 Type II - Short - N/A

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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	3568.4	0.0	3568.4
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	9713.2	0.0	9713.2
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	13281.6	0.0	13281.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	185.7	1.4
10°-20°	571.7	4.3
20°-30°	1045.4	7.9
30°-40°	1798.3	13.5
40°-50°	2652.1	20.0
50°-60°	3178.7	23.9
60°-70°	2551.2	19.2
70°-80°	1025.1	7.7
80°-90°	273.4	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°	13281.6	100.0
0°-180°	13281.6	100.0



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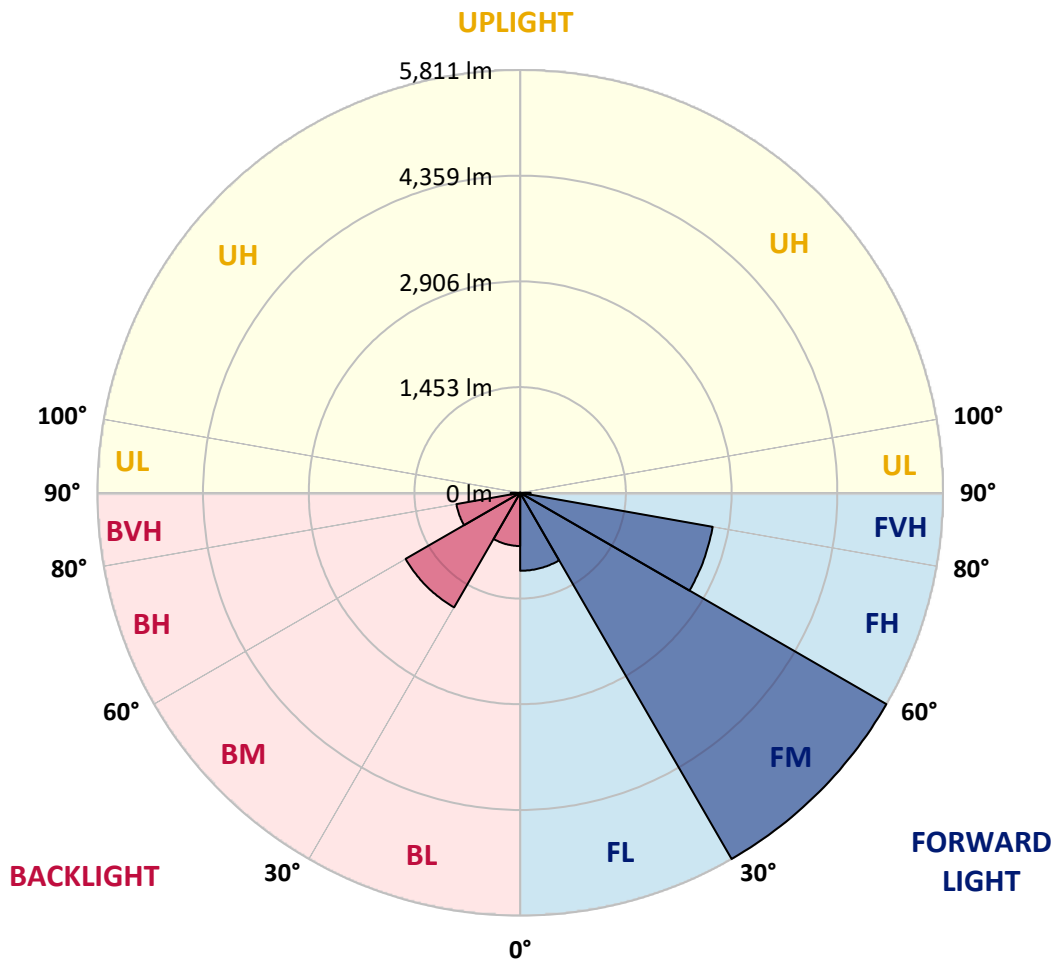
CATALOG NUMBER: GLAN-SB4B-927-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1071.6	8.1			
FM (30°-60°)	5811.4	43.8			
FH (60°-80°)	2686.6	20.2			G2/5000
FVH (80°-90°)	143.6	1.1			G2/225
BL (0°-30°)	731.3	5.5	B2/1000		
BM (30°-60°)	1817.7	13.7	B2/2500		
BH (60°-80°)	889.7	6.7	B2/1000		G2/1000
BVH (80°-90°)	129.7	1.0			G2/225
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°	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6
2.5°	2106.2	2109.1	2100.2	2097.2	2103.2	2091.2	2088.3	2076.3	2070.4	2058.4	2043.5
5°	2165.8	2168.8	2162.8	2162.8	2168.8	2159.9	2156.9	2144.9	2139.0	2127.0	2097.2
7.5°	2162.8	2165.8	2171.8	2195.7	2225.5	2237.4	2246.4	2237.4	2234.4	2216.5	2186.7
10°	2115.1	2118.1	2133.0	2168.8	2243.4	2297.1	2353.8	2353.8	2359.7	2344.8	2291.1
12.5°	2049.5	2052.5	2088.3	2144.9	2243.4	2335.9	2452.2	2500.0	2497.0	2488.0	2425.4
15°	1891.4	1891.4	1945.1	2052.5	2210.6	2362.7	2535.7	2664.0	2667.0	2676.0	2601.4
17.5°	1757.1	1760.1	1804.9	1900.3	2106.2	2347.8	2625.2	2846.0	2855.0	2905.7	2798.3
20°	1769.1	1769.1	1784.0	1825.7	1992.8	2288.1	2676.0	3039.9	3069.7	3189.1	3054.8
22.5°	1861.5	1861.5	1873.5	1870.5	1971.9	2249.4	2708.8	3233.8	3287.5	3535.1	3362.1
25°	2031.6	2028.6	2016.7	1998.8	2058.4	2291.1	2783.4	3383.0	3487.4	3917.0	3717.1
27.5°	2240.4	2234.4	2216.5	2186.7	2228.5	2416.4	2911.6	3541.1	3654.5	4334.6	4093.0
30°	2500.0	2482.1	2464.2	2425.4	2470.1	2622.3	3102.6	3764.8	3872.2	4809.0	4546.4
32.5°	2807.2	2828.1	2768.4	2714.7	2762.5	2902.7	3386.0	4030.3	4146.7	5304.2	5017.8
35°	3266.6	3329.3	3311.4	3039.9	3084.7	3239.8	3717.1	4373.4	4477.8	5754.7	5501.1
37.5°	3720.1	3705.2	3720.1	3493.4	3421.8	3609.7	4072.1	4701.6	4803.0	6121.6	5927.7
40°	4084.0	4128.8	4128.8	3943.8	3851.4	3976.7	4394.3	5002.9	5101.3	6324.5	6235.0
42.5°	4480.8	4486.8	4474.9	4313.8	4278.0	4310.8	4677.7	5193.8	5274.4	6428.9	6443.8
45°	4928.3	4925.3	4874.6	4740.4	4686.7	4656.8	4853.7	5378.8	5459.3	6476.6	6557.1
47.5°	5298.2	5313.1	5316.1	5172.9	5083.4	4955.2	5005.9	5471.3	5563.7	6422.9	6581.0
50°	5319.1	5343.0	5456.3	5498.1	5480.2	5274.4	5146.1	5569.7	5662.2	6434.8	6667.5
52.5°	5187.8	5211.7	5357.9	5530.9	5739.7	5641.3	5366.8	5739.7	5835.2	6551.2	6864.4
55°	4835.8	4874.6	5092.4	5334.0	5706.9	5847.1	5757.6	6047.0	6136.5	6643.7	7094.1
57.5°	4209.3	4257.1	4558.4	4943.2	5453.4	5799.4	6324.5	6539.2	6613.8	6709.3	7097.1
60°	3147.3	3186.1	3657.4	4176.5	4943.2	5501.1	6661.6	7383.5	7425.3	6354.3	6694.4
62.5°	2318.0	2356.8	2673.0	3045.9	3884.2	4952.2	6727.2	8114.4	8120.4	5712.9	6139.5
63°	2183.7	2222.5	2508.9	2857.9	3633.6	4767.2	6706.3	8138.3	8117.4	5581.6	6017.2
65°	1700.4	1769.1	2067.4	2332.9	2723.7	3794.7	6437.8	7714.6	7744.5	5193.8	5402.6
67.5°	1157.5	1208.2	1587.1	1894.4	2058.4	2416.4	5280.3	6601.9	6649.6	4791.1	4310.8
70°	895.0	918.8	1139.6	1500.6	1664.6	1536.4	3442.7	5316.1	5316.1	3741.0	3054.8
72.5°	701.1	710.0	859.2	1172.4	1339.5	1181.4	1918.2	3866.3	3723.1	2219.5	2037.5
75°	501.2	513.1	647.4	874.1	1068.0	930.8	1226.1	2252.3	2165.8	1276.8	1360.4
77.5°	396.8	402.7	483.3	644.4	865.1	710.0	933.8	1229.1	1217.2	898.0	874.1
80°	313.2	325.2	378.9	462.4	668.2	554.9	695.1	811.4	787.6	617.5	560.8
82.5°	223.7	244.6	292.4	352.0	495.2	396.8	456.4	572.8	572.8	465.4	369.9
85°	137.2	155.1	173.0	217.8	352.0	256.6	241.6	369.9	378.9	349.0	238.7
87.5°	65.6	71.6	83.5	92.5	128.3	116.3	95.5	140.2	143.2	155.1	98.4
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°	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6	2022.6
2.5°	2040.5	2034.6	2004.7	1974.9	1942.1	1912.3	1882.4	1858.6	1831.7	1837.7	1840.7
5°	2079.3	2064.4	1998.8	1921.2	1819.8	1724.3	1631.8	1566.2	1524.4	1512.5	1488.6
7.5°	2162.8	2127.0	2007.7	1843.6	1655.7	1506.5	1420.0	1381.2	1369.3	1372.3	1366.3
10°	2258.3	2204.6	2019.6	1751.2	1512.5	1411.1	1399.1	1423.0	1434.9	1446.9	1449.9
12.5°	2383.6	2297.1	2013.7	1649.7	1443.9	1426.0	1470.7	1515.5	1542.3	1560.2	1557.2
15°	2529.8	2413.4	1995.8	1566.2	1434.9	1482.7	1539.3	1590.1	1622.9	1640.8	1631.8
17.5°	2705.8	2550.7	1974.9	1512.5	1461.8	1518.5	1578.1	1628.8	1664.6	1676.6	1667.6
20°	2923.6	2705.8	1939.1	1488.6	1482.7	1533.4	1587.1	1634.8	1664.6	1676.6	1664.6
22.5°	3180.1	2890.8	1909.3	1488.6	1491.6	1533.4	1572.2	1608.0	1634.8	1643.8	1628.8
25°	3508.3	3105.5	1897.3	1512.5	1494.6	1518.5	1539.3	1560.2	1575.1	1581.1	1575.1
27.5°	3842.4	3353.2	1903.3	1542.3	1491.6	1497.6	1497.6	1500.6	1503.6	1506.5	1503.6
30°	4227.2	3603.7	1927.2	1581.1	1497.6	1467.8	1458.8	1440.9	1426.0	1414.1	1402.1
32.5°	4600.1	3842.4	1968.9	1637.8	1491.6	1434.9	1417.0	1372.3	1330.5	1294.7	1294.7
35°	5002.9	4090.0	2043.5	1679.6	1485.7	1405.1	1354.4	1303.7	1258.9	1208.2	1208.2
37.5°	5348.9	4301.8	2103.2	1727.3	1479.7	1369.3	1288.8	1232.1	1184.3	1133.6	1127.7
40°	5590.6	4424.1	2139.0	1745.2	1458.8	1321.6	1226.1	1154.5	1085.9	1017.3	1014.3
42.5°	5706.9	4418.2	2118.1	1739.2	1420.0	1261.9	1172.4	1076.9	984.5	921.8	915.9
45°	5769.6	4379.4	2037.5	1688.5	1357.4	1199.3	1103.8	1002.4	909.9	853.2	841.3
47.5°	5757.6	4283.9	1927.2	1563.2	1273.8	1130.6	1035.2	930.8	856.2	823.4	823.4
50°	5790.5	4209.3	1801.9	1420.0	1160.5	1050.1	972.5	877.1	832.3	790.6	775.6
52.5°	5936.6	4272.0	1694.5	1285.8	1053.1	972.5	918.8	838.3	781.6	754.8	745.8
55°	6130.5	4406.2	1593.0	1166.4	948.7	903.9	877.1	802.5	736.9	710.0	695.1
57.5°	6166.3	4498.7	1494.6	1050.1	862.2	850.2	841.3	739.8	686.1	665.3	653.3
60°	5918.7	4430.1	1366.3	945.7	793.5	799.5	775.6	701.1	638.4	617.5	605.6
62.5°	5498.1	4251.1	1238.0	856.2	739.8	751.8	727.9	653.3	590.7	569.8	563.8
63°	5414.6	4203.4	1208.2	847.2	727.9	742.8	721.9	647.4	584.7	563.8	554.9
65°	4916.4	3917.0	1103.8	799.5	689.1	689.1	692.1	617.5	563.8	554.9	548.9
67.5°	4009.5	3269.6	990.4	742.8	647.4	656.3	671.2	629.5	608.6	602.6	596.6
70°	3031.0	2461.2	892.0	689.1	602.6	632.4	733.9	716.0	638.4	584.7	572.8
72.5°	2147.9	1676.6	805.5	635.4	548.9	623.5	760.7	683.2	575.8	513.1	501.2
75°	1437.9	1079.9	719.0	578.7	489.3	575.8	719.0	623.5	501.2	486.3	468.4
77.5°	903.9	769.7	632.4	513.1	423.6	513.1	653.3	554.9	432.6	438.5	411.7
80°	551.9	548.9	531.0	435.6	340.1	408.7	548.9	468.4	346.1	346.1	307.3
82.5°	328.2	396.8	450.5	361.0	247.6	292.4	396.8	352.0	289.4	280.4	262.5
85°	220.8	268.5	358.0	277.4	158.1	179.0	274.5	295.3	265.5	232.7	217.8
87.5°	80.5	107.4	164.1	113.4	68.6	107.4	205.8	214.8	161.1	125.3	113.4
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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-13  
 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-927-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 2700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2731  
 CIE u': 0.2605  
 CIE v': 0.5298  
 Duv: 0.0021  
 CIE x: 0.4610  
 CIE y: 0.4166  
 CIE z: 0.1224  
 Peak Wavelength (nm): 622  
 Dominant Wavelength (nm): 583  
 Purity: 63.43685  
 Rf: 92.6  
 Rg: 98

CRI (Ra):	91.8		
R1:	91.4	R9:	54.7
R2:	95.1	R10:	87.7
R3:	97.6	R11:	92.9
R4:	92.3	R12:	84.0
R5:	91.1	R13:	92.2
R6:	94.7	R14:	97.8
R7:	92.3	R15:	86.8
R8:	80.0		



**Test Conditions**

Stabilization Time: M  
 Operation Time: 1H 0M  
 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 2700K 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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.27**

$\lambda$ (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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.38**

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

**Summary**

$R_f = 92.6$   
 $R_g = 98$   
 $CIE R_a = 91.8$   
 $R_9 = 54.7$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)