

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: P1457352

Luminaire Tested: GLAN-SB4B-927-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457352  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4B-927-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square  
PACKAGE 90CRI 2700K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (104) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13435.9 lumens  
Efficiency: N/A  
Efficacy: 91.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G2

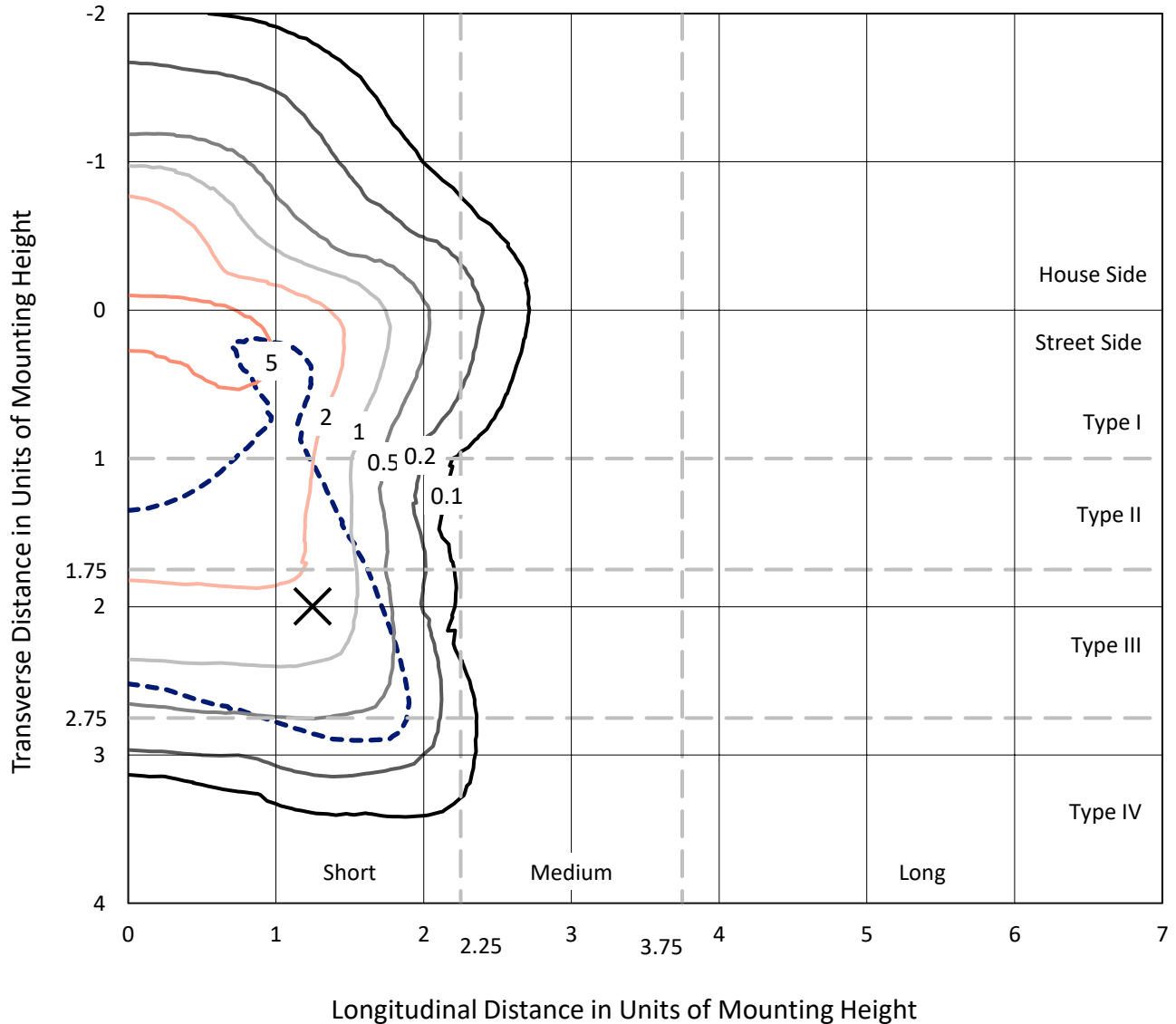
Input Watts (W): 147  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4B-927-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

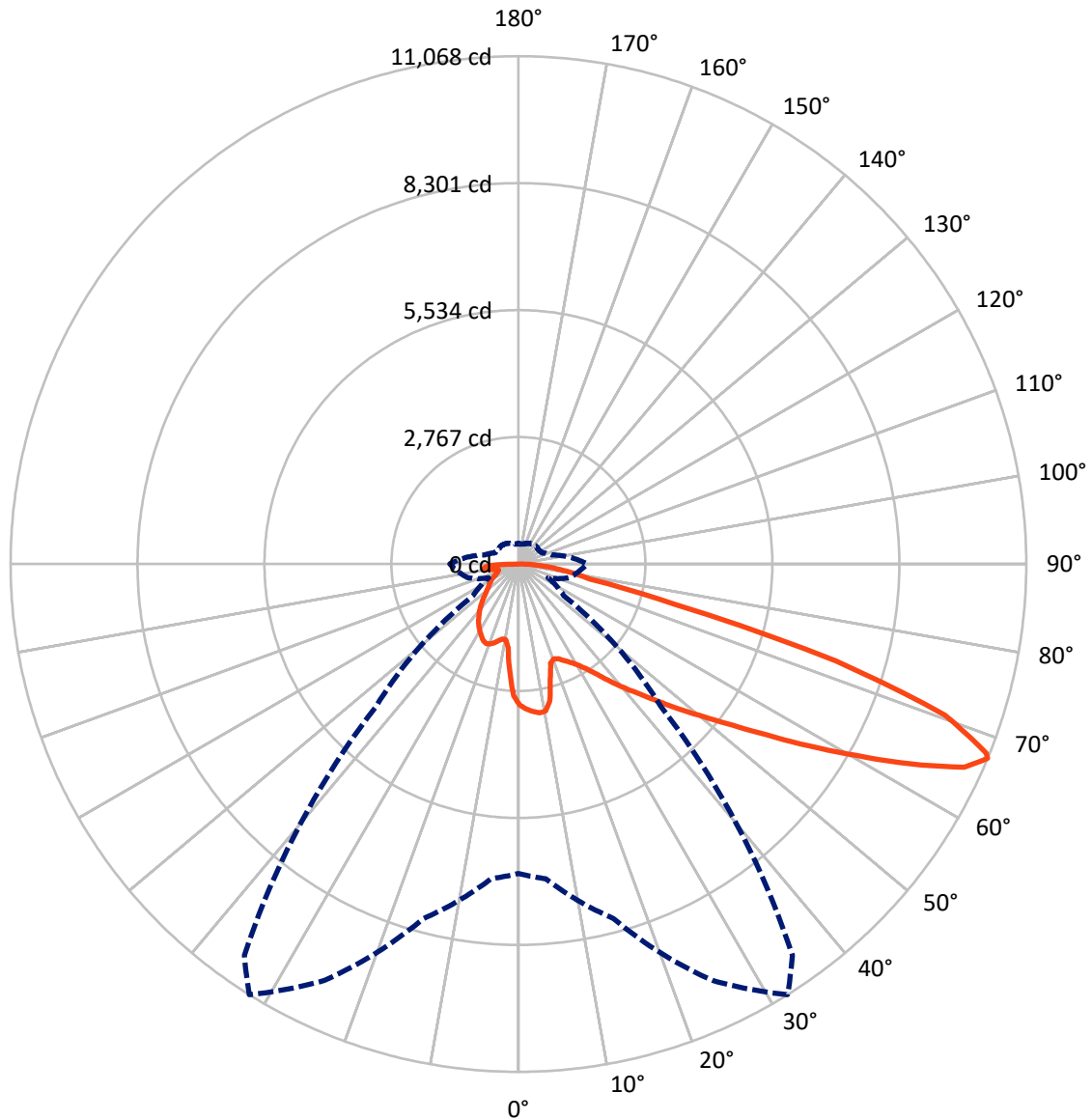


Based on 20 foot mounting height. Maximum calculated value = 8.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3180.9	0.0	3180.9
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	10255.0	0.0	10255.0
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	13435.9	0.0	13435.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	268.2	2.0
10°-20°	712.2	5.3
20°-30°	1163.0	8.7
30°-40°	1714.2	12.8
40°-50°	2363.9	17.6
50°-60°	2986.3	22.2
60°-70°	2890.2	21.5
70°-80°	1031.5	7.7
80°-90°	306.3	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°	13435.9	100.0
0°-180°	13435.9	100.0



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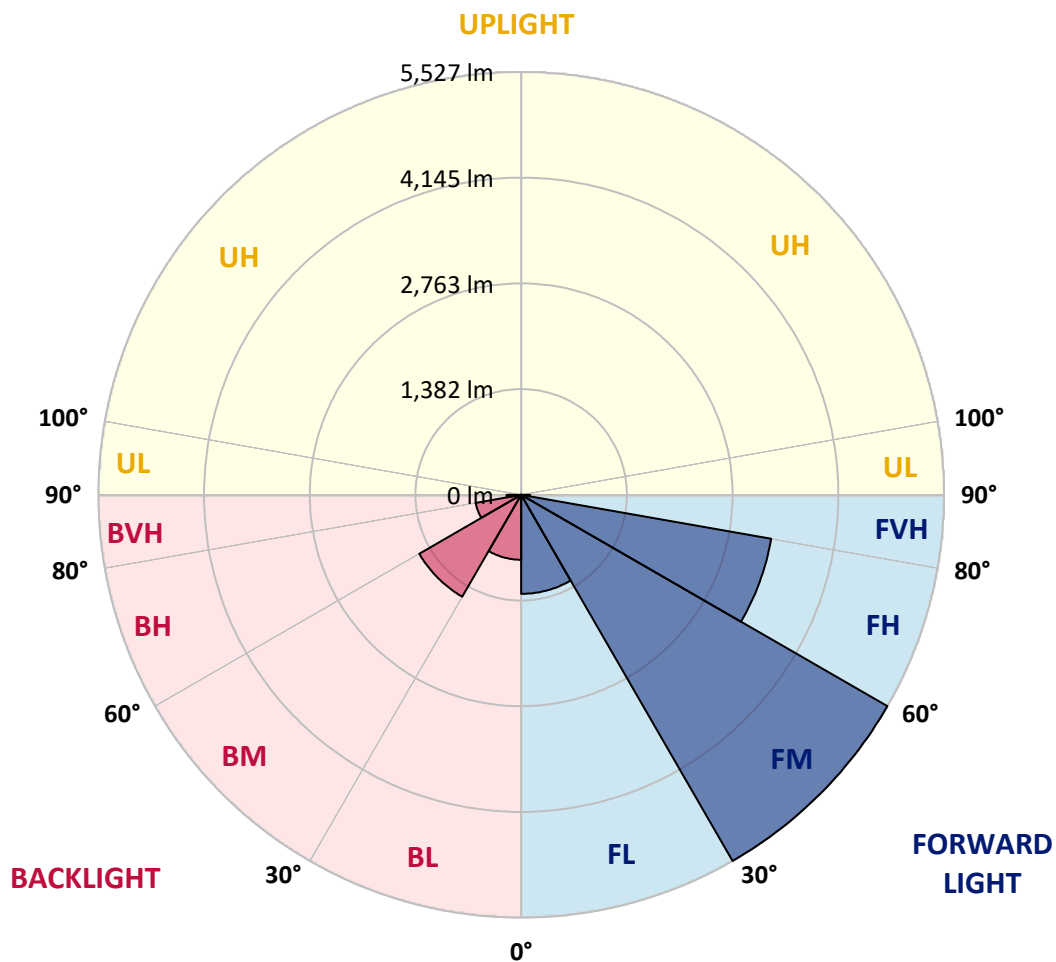
CATALOG NUMBER: GLAN-SB4B-927-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1294.6	9.6			
FM	(30°-60°)	5526.6	41.1			
FH	(60°-80°)	3318.4	24.7			G2/5000
FVH	(80°-90°)	115.4	0.9			G2/225
BL	(0°-30°)	848.8	6.3	B2/1000		
BM	(30°-60°)	1537.8	11.4	B2/2500		
BH	(60°-80°)	603.4	4.5	B2/1000		G2/1000
BVH	(80°-90°)	190.9	1.4			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 IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8
2.5°	3186.2	3177.2	3168.3	3174.3	3162.3	3159.3	3144.4	3138.5	3120.6	3117.6	3084.8
5°	3251.8	3233.9	3230.9	3236.9	3225.0	3225.0	3213.0	3204.1	3177.2	3162.3	3114.6
7.5°	3251.8	3248.8	3254.8	3275.7	3278.7	3278.7	3278.7	3281.7	3254.8	3233.9	3159.3
10°	3066.9	3037.0	3102.7	3207.1	3257.8	3287.6	3341.3	3374.1	3353.3	3338.3	3236.9
12.5°	2514.9	2517.9	2622.3	2846.1	3049.0	3135.5	3359.2	3478.6	3487.5	3463.6	3335.4
15°	2133.1	2148.0	2201.7	2362.8	2595.5	2723.8	3254.8	3571.0	3642.6	3618.8	3454.7
17.5°	2016.7	2025.7	2049.5	2142.0	2273.3	2377.7	2971.4	3630.7	3830.6	3800.8	3588.9
20°	1998.8	2004.8	2034.6	2112.2	2201.7	2261.4	2682.0	3583.0	4006.6	3994.7	3711.3
22.5°	2001.8	2007.8	2046.6	2154.0	2246.4	2297.2	2589.5	3472.6	4191.6	4203.5	3836.6
25°	2007.8	2010.8	2070.4	2213.6	2330.0	2392.6	2649.2	3374.1	4346.7	4448.1	3973.8
27.5°	2040.6	2049.5	2130.1	2291.2	2428.4	2500.0	2789.4	3407.0	4516.8	4725.6	4137.9
30°	2130.1	2136.1	2234.5	2401.6	2550.7	2625.3	2956.5	3538.2	4725.6	5012.0	4299.0
32.5°	2270.3	2276.3	2389.6	2562.7	2723.8	2813.3	3174.3	3788.8	4958.3	5313.3	4460.1
35°	2464.2	2467.2	2595.5	2780.5	2950.5	3051.9	3427.8	4072.2	5199.9	5569.9	4579.4
37.5°	2693.9	2714.8	2846.1	3040.0	3239.9	3332.4	3726.2	4403.4	5414.7	5787.6	4648.0
40°	3010.2	3016.1	3144.4	3332.4	3544.2	3633.7	4024.5	4716.6	5650.4	5915.9	4710.7
42.5°	3335.4	3386.1	3493.5	3702.3	3860.4	3932.0	4364.6	5003.0	5838.4	5921.9	4683.8
45°	3770.9	3809.7	3917.1	4102.1	4260.2	4343.7	4731.6	5265.6	5933.8	5871.2	4624.2
47.5°	4269.1	4293.0	4379.5	4546.6	4722.6	4782.3	5113.4	5414.7	5969.6	5835.4	4597.3
50°	4856.9	4856.9	4919.5	5062.7	5223.8	5307.3	5465.4	5504.2	6074.0	5772.7	4665.9
52.5°	5352.1	5376.0	5459.5	5662.3	5823.4	5918.9	5739.9	5641.5	5862.2	5423.7	4686.8
55°	5826.4	5853.3	6041.2	6294.8	6569.3	6673.7	6083.0	5572.8	5149.2	4913.5	4543.6
57.5°	6279.9	6336.6	6572.3	7067.5	7482.2	7473.2	6518.6	4958.3	4203.5	4349.7	4230.4
60°	6912.4	6972.0	7347.9	7971.4	8478.6	8266.8	6524.5	4125.9	3275.7	3472.6	3642.6
62.5°	7440.4	7541.8	8093.8	9132.0	9597.4	9266.2	5984.5	3159.3	2174.8	2422.5	2816.3
65°	7392.7	7526.9	8383.1	9985.2	10680.3	10373.0	5194.0	1998.8	1121.7	1655.7	1972.0
67°	6742.3	6888.5	7998.3	10015.0	11068.1	10411.8	4385.5	1208.2	713.0	1148.6	1369.3
67.5°	6369.4	6584.2	7807.4	9958.3	10996.5	10247.7	4021.5	1011.3	671.2	1068.0	1247.0
70°	3917.1	4263.2	5859.2	8803.8	9856.9	8577.1	2234.5	572.8	545.9	716.0	862.2
72.5°	1178.4	1282.8	2261.4	5647.4	7234.6	6357.5	1005.4	441.5	489.3	575.8	665.3
75°	572.8	611.6	933.8	2309.1	3523.3	3505.4	560.9	378.9	453.5	483.3	525.1
77.5°	366.9	390.8	581.7	1291.8	1614.0	1438.0	405.7	331.1	402.7	396.8	390.8
80°	229.7	241.6	372.9	748.8	1190.3	993.4	298.3	271.5	346.1	307.3	277.4
82.5°	149.2	164.1	238.7	456.4	850.2	739.9	196.9	193.9	286.4	244.6	214.8
85°	98.4	110.4	152.1	268.5	504.2	528.0	128.3	134.2	220.8	185.0	164.1
87.5°	35.8	44.7	77.6	119.3	235.7	292.4	53.7	50.7	107.4	86.5	68.6
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-SB4B-927-U-T4LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8	3069.8
2.5°	3078.8	3069.8	3028.1	2992.3	2965.4	2929.6	2890.8	2846.1	2816.3	2822.2	2813.3
5°	3093.7	3069.8	2989.3	2867.0	2747.6	2598.5	2407.5	2294.2	2207.7	2162.9	2174.8
7.5°	3126.5	3084.8	2914.7	2667.1	2356.8	2052.5	1864.6	1757.2	1706.5	1685.6	1682.6
10°	3183.2	3111.6	2819.2	2356.8	1951.1	1745.2	1676.6	1646.8	1640.8	1640.8	1637.8
12.5°	3251.8	3138.5	2658.1	2055.5	1757.2	1682.6	1670.7	1673.6	1682.6	1691.5	1676.6
15°	3335.4	3150.4	2458.3	1873.5	1718.4	1700.5	1718.4	1739.3	1754.2	1766.1	1751.2
17.5°	3418.9	3138.5	2270.3	1787.0	1724.4	1748.2	1784.0	1816.8	1825.8	1843.7	1831.8
20°	3478.6	3096.7	2109.2	1754.2	1739.3	1793.0	1837.7	1873.5	1891.4	1903.4	1891.4
22.5°	3523.3	3043.0	1992.9	1721.4	1739.3	1804.9	1858.6	1900.4	1921.3	1933.2	1918.3
25°	3562.1	2968.4	1903.4	1673.6	1703.5	1766.1	1825.8	1867.6	1897.4	1915.3	1906.3
27.5°	3609.8	2908.7	1819.8	1602.0	1628.9	1688.6	1751.2	1801.9	1858.6	1888.4	1882.5
30°	3663.5	2878.9	1739.3	1524.5	1542.4	1602.0	1676.6	1745.2	1822.8	1861.6	1861.6
32.5°	3726.2	2858.0	1664.7	1449.9	1464.8	1530.4	1602.0	1664.7	1748.2	1810.9	1807.9
35°	3753.0	2834.2	1605.0	1381.3	1411.1	1464.8	1521.5	1563.3	1649.8	1724.4	1730.3
37.5°	3779.9	2825.2	1575.2	1327.6	1351.4	1393.2	1423.0	1443.9	1524.5	1602.0	1605.0
40°	3812.7	2867.0	1596.1	1291.8	1270.9	1312.7	1327.6	1339.5	1381.3	1432.0	1432.0
42.5°	3791.8	2896.8	1643.8	1259.0	1172.4	1220.2	1226.1	1223.2	1226.1	1229.1	1226.1
45°	3738.1	2867.0	1643.8	1208.2	1068.0	1118.7	1115.8	1100.8	1077.0	1014.3	1005.4
47.5°	3726.2	2849.1	1581.2	1124.7	963.6	1005.4	1011.3	981.5	912.9	847.3	826.4
50°	3776.9	2881.9	1482.7	1023.3	874.1	909.9	924.8	874.1	796.5	727.9	716.0
52.5°	3851.5	2923.7	1339.5	912.9	799.5	835.3	853.2	796.5	716.0	662.3	656.3
55°	3842.5	2923.7	1178.4	811.5	742.8	769.7	799.5	739.9	677.2	647.4	644.4
57.5°	3648.6	2813.3	1059.1	739.9	689.1	713.0	751.8	695.1	635.4	641.4	650.4
60°	3269.7	2526.9	969.6	692.1	641.4	665.3	707.0	641.4	563.8	543.0	543.0
62.5°	2693.9	2082.4	898.0	644.4	596.7	626.5	647.4	560.9	510.1	486.3	486.3
65°	2019.7	1611.0	823.4	605.6	557.9	590.7	566.8	525.1	474.3	456.4	459.4
67°	1497.6	1250.0	760.7	572.8	534.0	548.9	531.0	501.2	450.5	435.6	450.5
67.5°	1345.5	1187.4	745.8	563.8	528.0	540.0	522.1	498.2	444.5	429.6	444.5
70°	924.8	912.9	665.3	522.1	495.2	483.3	492.2	462.4	417.7	411.7	426.6
72.5°	704.1	727.9	596.7	486.3	459.4	444.5	465.4	435.6	390.8	399.8	414.7
75°	551.9	587.7	534.0	435.6	417.7	420.6	462.4	450.5	414.7	423.6	426.6
77.5°	408.7	474.3	456.4	378.9	364.0	405.7	522.1	557.9	495.2	480.3	459.4
80°	298.3	340.1	384.8	313.2	304.3	390.8	644.4	713.0	611.6	551.9	537.0
82.5°	220.8	238.7	316.2	250.6	220.8	349.0	716.0	838.3	727.9	614.6	596.7
85°	158.1	185.0	250.6	185.0	146.2	286.4	701.1	820.4	722.0	581.7	566.8
87.5°	56.7	80.5	107.4	83.5	74.6	196.9	578.8	590.7	450.5	205.8	208.8
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: SP1-2407-184-13

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



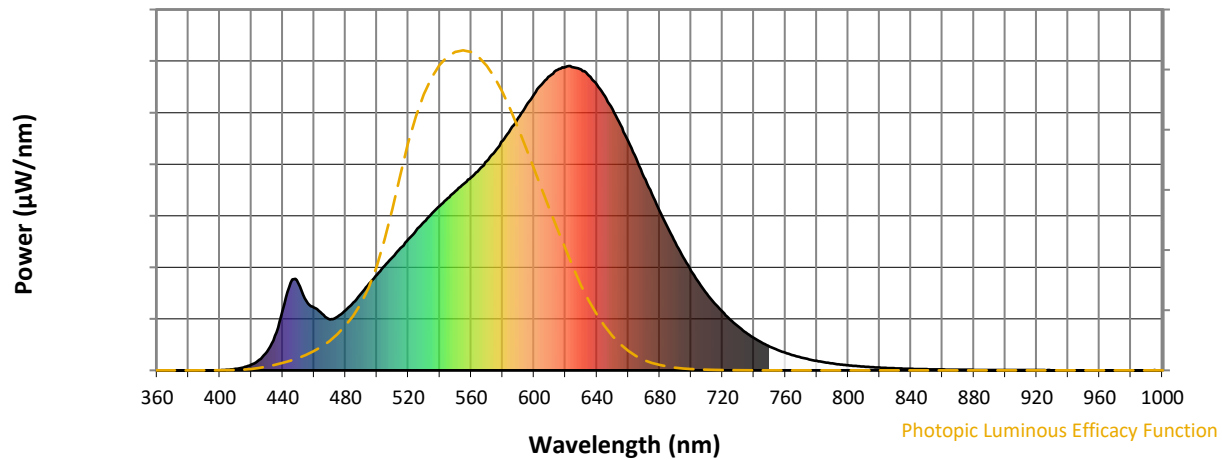
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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**



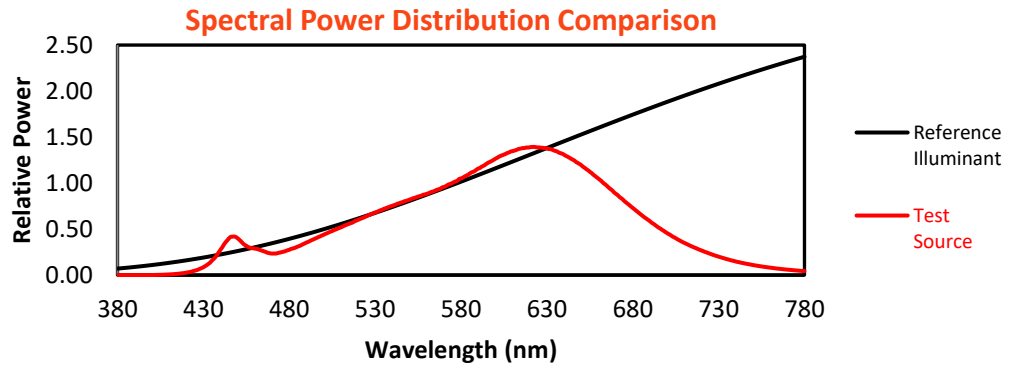
**Melanopic Lumens: NR**

**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**

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

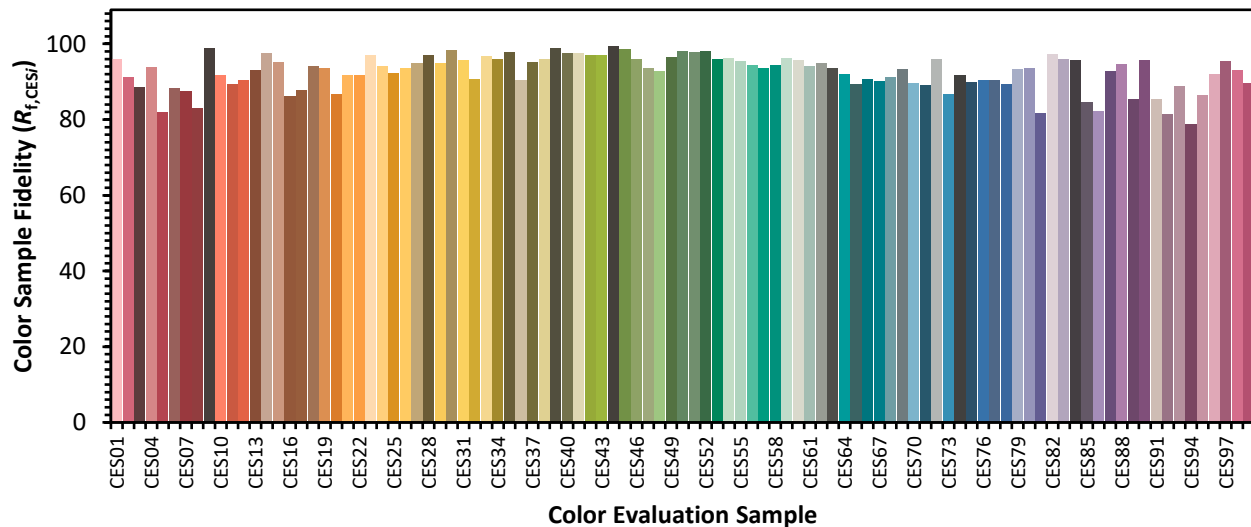


**Color Vector Graphics**



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

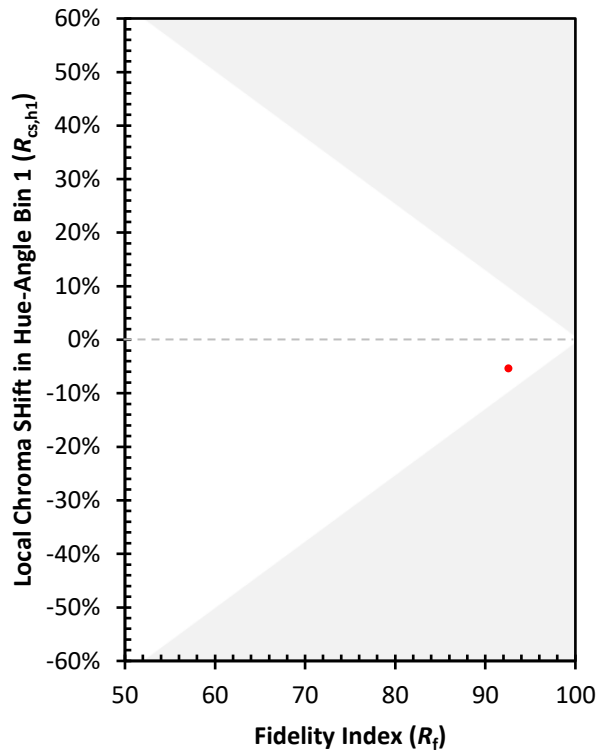
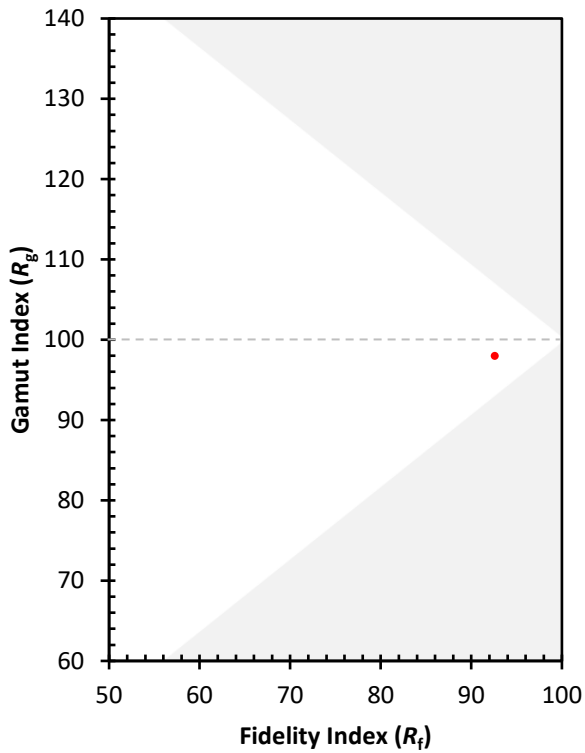
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 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)