

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: P1457350

Luminaire Tested: GLAN-SB3D-927-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457350  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3D-927-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square  
PACKAGE 90CRI 2700K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (78) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

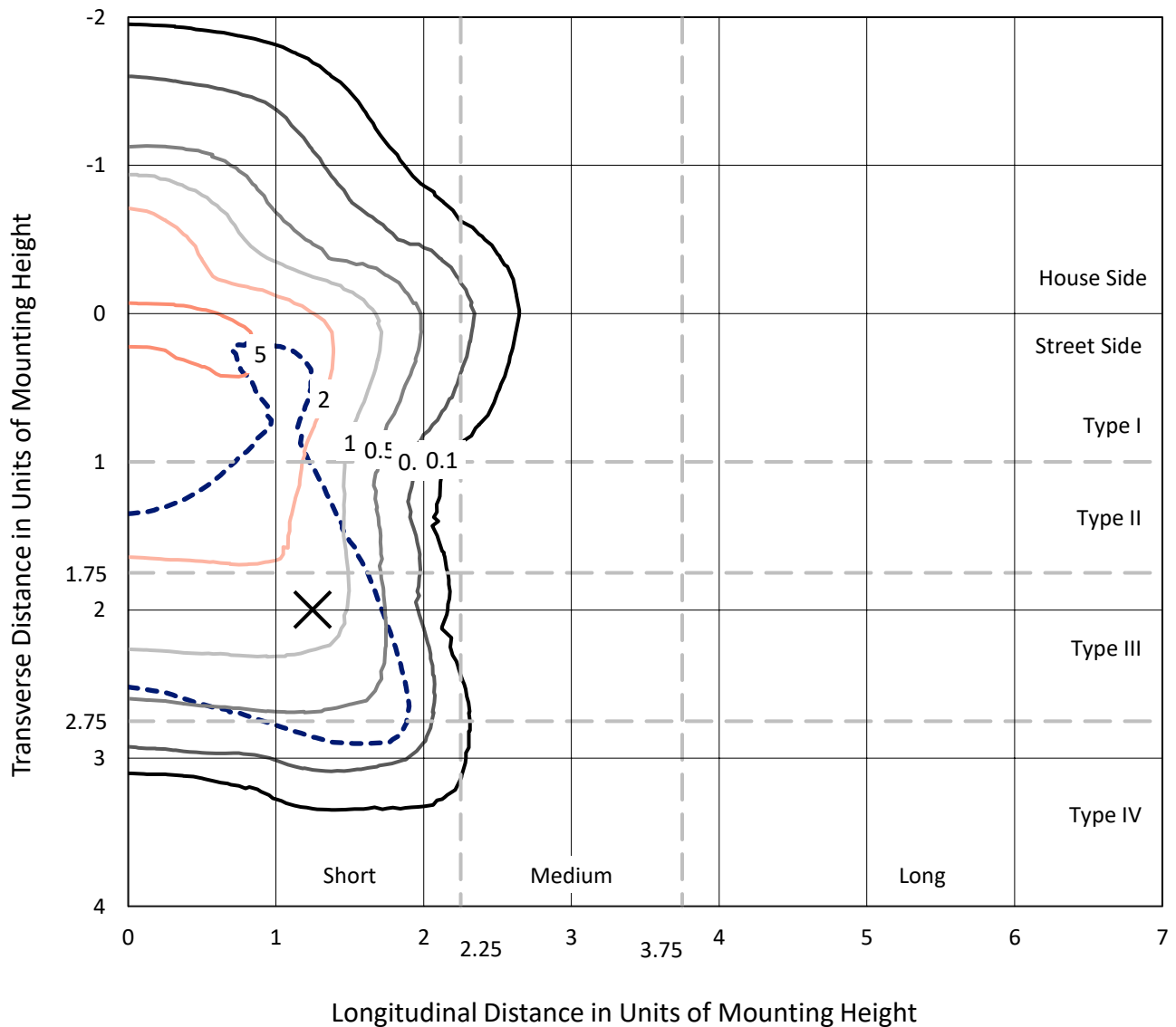
Lumens per Lamp: N/A  
Luminaire Lumens: 18176.9 lumens  
Efficiency: N/A  
Efficacy: 83.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 218.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

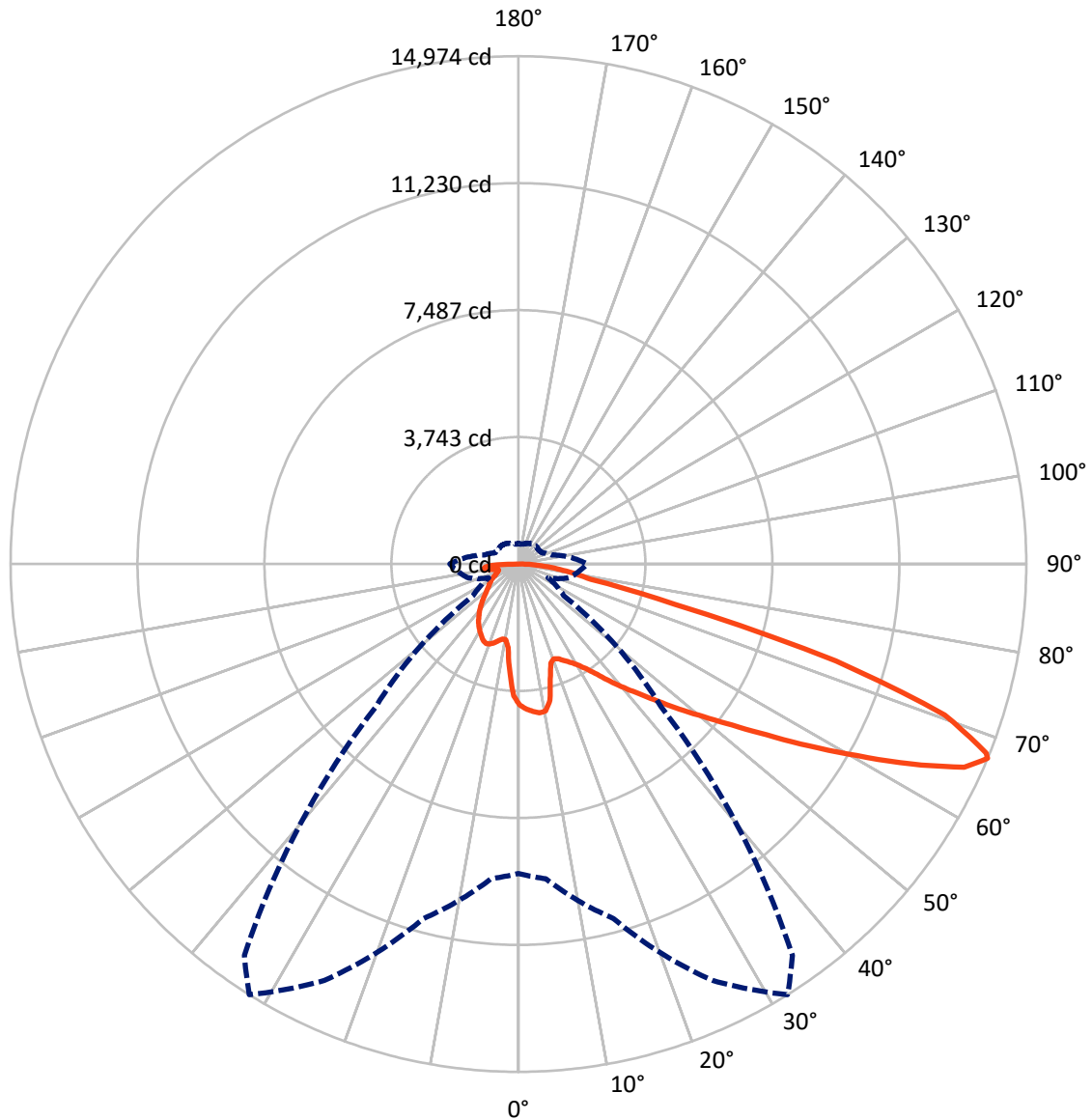
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 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	4303.3	0.0	4303.3
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	13873.6	0.0	13873.6
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	18176.9	0.0	18176.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	362.9	2.0
10°-20°	963.5	5.3
20°-30°	1573.4	8.7
30°-40°	2319.0	12.8
40°-50°	3198.1	17.6
50°-60°	4040.1	22.2
60°-70°	3910.1	21.5
70°-80°	1395.5	7.7
80°-90°	414.4	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°	18176.9	100.0
0°-180°	18176.9	100.0



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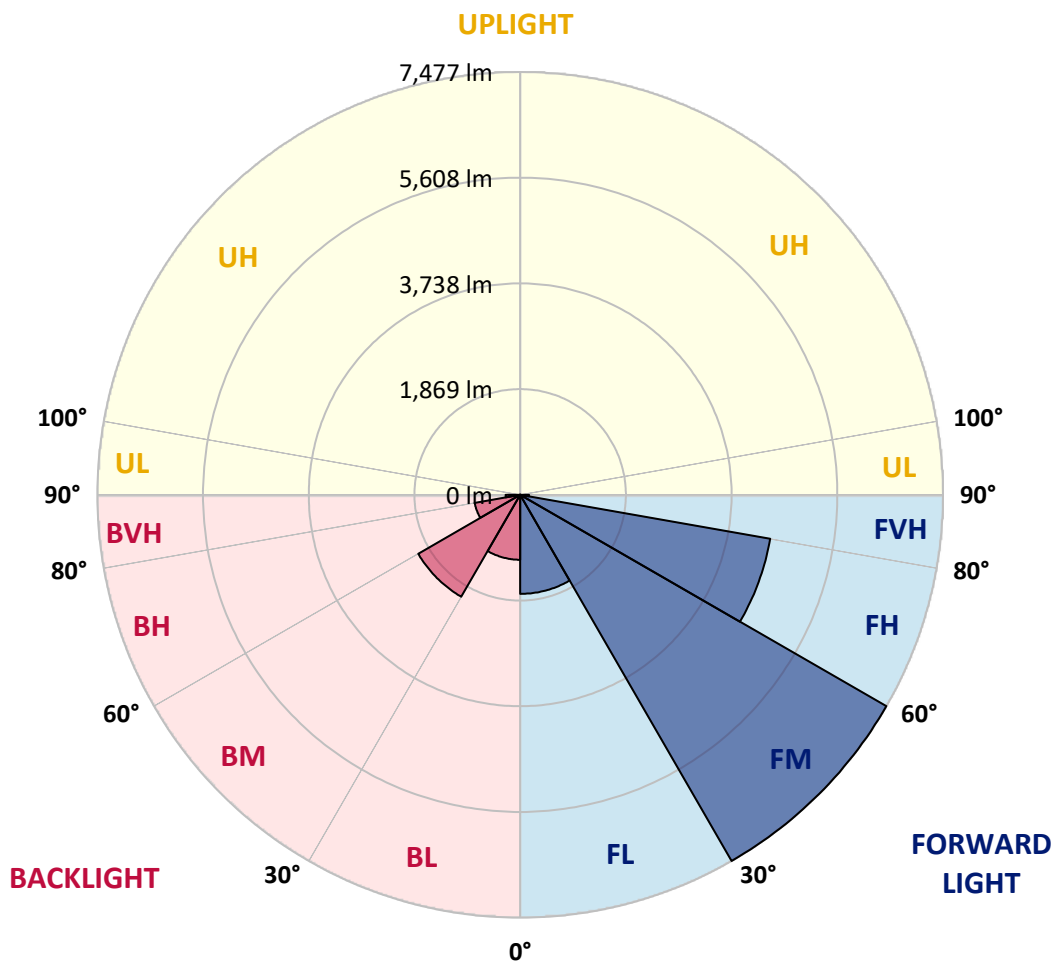
CATALOG NUMBER: GLAN-SB3D-927-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1751.4	9.6			
FM	(30°-60°)	7476.8	41.1			
FH	(60°-80°)	4489.3	24.7			G2/5000
FVH	(80°-90°)	156.1	0.9			G2/225
BL	(0°-30°)	1148.3	6.3	B3/2500		
BM	(30°-60°)	2080.5	11.4	B2/2500		
BH	(60°-80°)	816.3	4.5	B2/1000		G2/1000
BVH	(80°-90°)	258.2	1.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1
2.5°	4310.5	4298.4	4286.3	4294.3	4278.2	4274.2	4254.0	4245.9	4221.7	4217.7	4173.3
5°	4399.3	4375.1	4371.0	4379.1	4362.9	4362.9	4346.8	4334.7	4298.4	4278.2	4213.6
7.5°	4399.3	4395.2	4403.3	4431.6	4435.6	4435.6	4435.6	4439.6	4403.3	4375.1	4274.2
10°	4149.0	4108.7	4197.5	4338.7	4407.3	4447.7	4520.4	4564.7	4536.5	4516.3	4379.1
12.5°	3402.4	3406.4	3547.7	3850.4	4124.8	4241.9	4544.6	4706.0	4718.1	4685.8	4512.3
15°	2885.8	2905.9	2978.6	3196.5	3511.3	3684.9	4403.3	4831.1	4928.0	4895.7	4673.7
17.5°	2728.4	2740.5	2772.8	2897.9	3075.5	3216.7	4019.9	4911.8	5182.3	5141.9	4855.3
20°	2704.1	2712.2	2752.6	2857.5	2978.6	3059.3	3628.4	4847.3	5420.4	5404.2	5020.8
22.5°	2708.2	2716.2	2768.7	2914.0	3039.1	3107.7	3503.3	4697.9	5670.6	5686.8	5190.3
25°	2716.2	2720.3	2801.0	2994.7	3152.1	3236.9	3584.0	4564.7	5880.5	6017.7	5376.0
27.5°	2760.6	2772.8	2881.7	3099.7	3285.3	3382.2	3773.7	4609.1	6110.5	6393.1	5598.0
30°	2881.7	2889.8	3023.0	3249.0	3450.8	3551.7	3999.7	4786.7	6393.1	6780.5	5815.9
32.5°	3071.4	3079.5	3232.9	3466.9	3684.9	3806.0	4294.3	5125.8	6707.9	7188.2	6033.9
35°	3333.8	3337.8	3511.3	3761.6	3991.6	4128.9	4637.4	5509.2	7034.8	7535.3	6195.3
37.5°	3644.5	3672.8	3850.4	4112.7	4383.1	4508.2	5041.0	5957.2	7325.4	7829.9	6288.1
40°	4072.4	4080.4	4254.0	4508.2	4794.8	4915.9	5444.6	6381.0	7644.2	8003.4	6372.9
42.5°	4512.3	4580.9	4726.2	5008.7	5222.6	5319.5	5904.7	6768.4	7898.5	8011.5	6336.6
45°	5101.5	5154.0	5299.3	5549.5	5763.5	5876.5	6401.1	7123.6	8027.7	7942.9	6255.8
47.5°	5775.6	5807.8	5924.9	6150.9	6389.0	6469.8	6917.8	7325.4	8076.1	7894.5	6219.5
50°	6570.7	6570.7	6655.4	6849.1	7067.1	7180.1	7394.0	7446.5	8217.4	7809.7	6312.4
52.5°	7240.6	7272.9	7385.9	7660.4	7878.3	8007.5	7765.3	7632.1	7930.8	7337.5	6340.6
55°	7882.4	7918.7	8173.0	8516.0	8887.3	9028.6	8229.5	7539.3	6966.2	6647.3	6146.9
57.5°	8495.8	8572.5	8891.4	9561.4	10122.4	10110.3	8818.7	6707.9	5686.8	5884.5	5723.1
60°	9351.5	9432.2	9940.7	10784.3	11470.4	11183.8	8826.8	5581.8	4431.6	4697.9	4928.0
62.5°	10065.9	10203.1	10949.7	12354.3	12983.9	12535.9	8096.3	4274.2	2942.3	3277.3	3810.0
65°	10001.3	10182.9	11341.2	13508.6	14449.0	14033.3	7026.7	2704.1	1517.5	2240.0	2667.8
67°	9121.4	9319.2	10820.6	13549.0	14973.7	14085.7	5933.0	1634.6	964.6	1553.9	1852.5
67.5°	8616.9	8907.5	10562.3	13472.3	14876.8	13863.8	5440.6	1368.2	908.1	1444.9	1687.1
70°	5299.3	5767.5	7926.8	11910.3	13335.0	11603.6	3023.0	774.9	738.6	968.6	1166.4
72.5°	1594.2	1735.5	3059.3	7640.2	9787.4	8600.8	1360.1	597.3	661.9	779.0	900.0
75°	774.9	827.4	1263.3	3123.9	4766.6	4742.3	758.8	512.6	613.5	653.8	710.3
77.5°	496.4	528.7	787.0	1747.6	2183.5	1945.4	548.9	448.0	544.9	536.8	528.7
80°	310.8	326.9	504.5	1013.0	1610.4	1344.0	403.6	367.3	468.2	415.7	375.4
82.5°	201.8	222.0	322.9	617.5	1150.3	1000.9	266.4	262.3	387.5	331.0	290.6
85°	133.2	149.3	205.8	363.2	682.1	714.4	173.5	181.6	298.7	250.2	222.0
87.5°	48.4	60.5	104.9	161.4	318.8	395.5	72.6	68.6	145.3	117.0	92.8
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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CATALOG NUMBER: GLAN-SB3D-927-U-T4LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1	4153.1
2.5°	4165.2	4153.1	4096.6	4048.1	4011.8	3963.4	3910.9	3850.4	3810.0	3818.1	3806.0
5°	4185.4	4153.1	4044.1	3878.6	3717.2	3515.4	3257.1	3103.7	2986.7	2926.1	2942.3
7.5°	4229.8	4173.3	3943.2	3608.2	3188.5	2776.8	2522.5	2377.2	2308.6	2280.4	2276.3
10°	4306.4	4209.6	3814.0	3188.5	2639.6	2361.1	2268.2	2227.9	2219.8	2219.8	2215.8
12.5°	4399.3	4245.9	3596.1	2780.8	2377.2	2276.3	2260.2	2264.2	2276.3	2288.4	2268.2
15°	4512.3	4262.0	3325.7	2534.6	2324.8	2300.5	2324.8	2353.0	2373.2	2389.3	2369.1
17.5°	4625.3	4245.9	3071.4	2417.6	2332.8	2365.1	2413.5	2457.9	2470.1	2494.3	2478.1
20°	4706.0	4189.4	2853.5	2373.2	2353.0	2425.7	2486.2	2534.6	2558.8	2575.0	2558.8
22.5°	4766.6	4116.8	2696.1	2328.8	2353.0	2441.8	2514.4	2571.0	2599.2	2615.3	2595.2
25°	4819.0	4015.8	2575.0	2264.2	2304.6	2389.3	2470.1	2526.6	2566.9	2591.1	2579.0
27.5°	4883.6	3935.1	2462.0	2167.3	2203.7	2284.4	2369.1	2437.8	2514.4	2554.8	2546.7
30°	4956.2	3894.8	2353.0	2062.4	2086.6	2167.3	2268.2	2361.1	2466.0	2518.5	2518.5
32.5°	5041.0	3866.5	2252.1	1961.5	1981.7	2070.5	2167.3	2252.1	2365.1	2449.9	2445.8
35°	5077.3	3834.2	2171.4	1868.7	1909.0	1981.7	2058.4	2114.9	2231.9	2332.8	2340.9
37.5°	5113.6	3822.1	2131.0	1796.0	1828.3	1884.8	1925.2	1953.4	2062.4	2167.3	2171.4
40°	5158.0	3878.6	2159.3	1747.6	1719.3	1775.9	1796.0	1812.2	1868.7	1937.3	1937.3
42.5°	5129.8	3919.0	2223.9	1703.2	1586.2	1650.7	1658.8	1654.8	1658.8	1662.8	1658.8
45°	5057.1	3878.6	2223.9	1634.6	1444.9	1513.5	1509.5	1489.3	1457.0	1372.3	1360.1
47.5°	5041.0	3854.4	2139.1	1521.6	1303.6	1360.1	1368.2	1327.9	1235.0	1146.2	1118.0
50°	5109.6	3898.8	2005.9	1384.4	1182.6	1231.0	1251.2	1182.6	1077.6	984.8	968.6
52.5°	5210.5	3955.3	1812.2	1235.0	1081.7	1130.1	1154.3	1077.6	968.6	896.0	887.9
55°	5198.4	3955.3	1594.2	1097.8	1005.0	1041.3	1081.7	1000.9	916.2	875.8	871.8
57.5°	4936.1	3806.0	1432.8	1000.9	932.3	964.6	1017.1	940.4	859.7	867.7	879.9
60°	4423.5	3418.5	1311.7	936.4	867.7	900.0	956.5	867.7	762.8	734.6	734.6
62.5°	3644.5	2817.1	1214.8	871.8	807.2	847.6	875.8	758.8	690.2	657.9	657.9
65°	2732.4	2179.5	1113.9	819.3	754.7	799.1	766.8	710.3	641.7	617.5	621.5
67°	2026.1	1691.1	1029.2	774.9	722.4	742.6	718.4	678.1	609.4	589.3	609.4
67.5°	1820.2	1606.3	1009.0	762.8	714.4	730.5	706.3	674.0	601.4	581.2	601.4
70°	1251.2	1235.0	900.0	706.3	670.0	653.8	665.9	625.6	565.0	557.0	577.2
72.5°	952.5	984.8	807.2	657.9	621.5	601.4	629.6	589.3	528.7	540.8	561.0
75°	746.7	795.1	722.4	589.3	565.0	569.1	625.6	609.4	561.0	573.1	577.2
77.5°	552.9	641.7	617.5	512.6	492.4	548.9	706.3	754.7	670.0	649.8	621.5
80°	403.6	460.1	520.6	423.8	411.7	528.7	871.8	964.6	827.4	746.7	726.5
82.5°	298.7	322.9	427.8	339.0	298.7	472.2	968.6	1134.1	984.8	831.4	807.2
85°	213.9	250.2	339.0	250.2	197.8	387.5	948.5	1109.9	976.7	787.0	766.8
87.5°	76.7	109.0	145.3	113.0	100.9	266.4	783.0	799.1	609.4	278.5	282.5
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



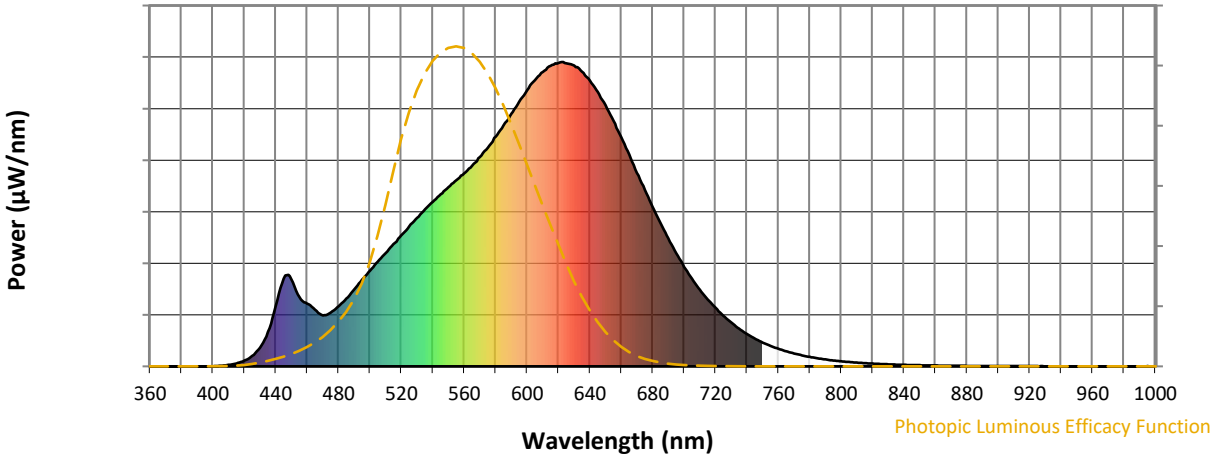
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.27**

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			

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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**

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

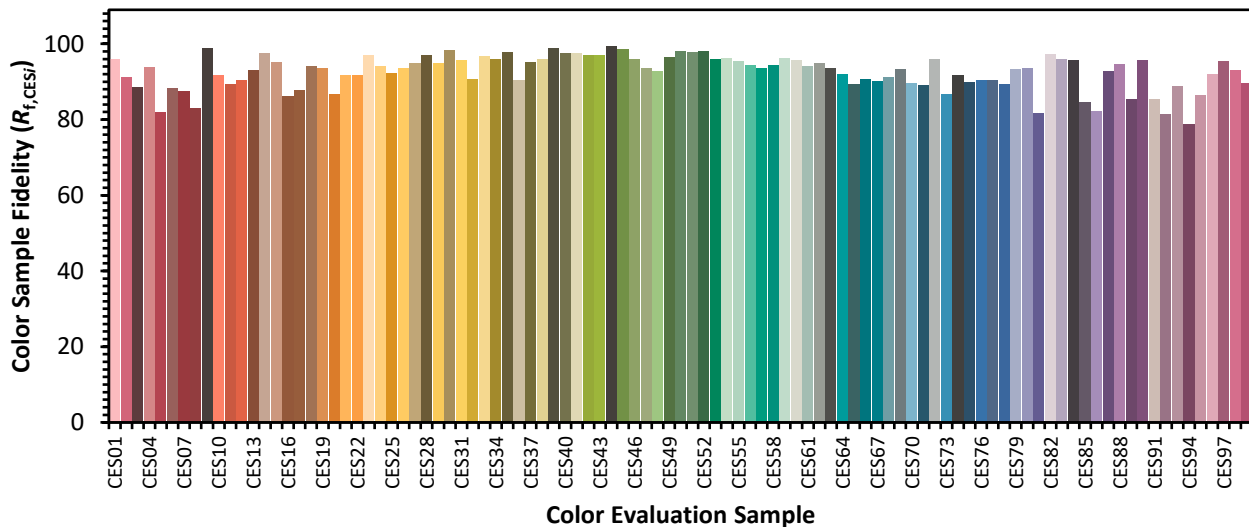


**Color Vector Graphics**



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)