

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: P1457169

Luminaire Tested: GLAN-SB3C-827-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457169  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3C-827-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 3xLight Square  
PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (78) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

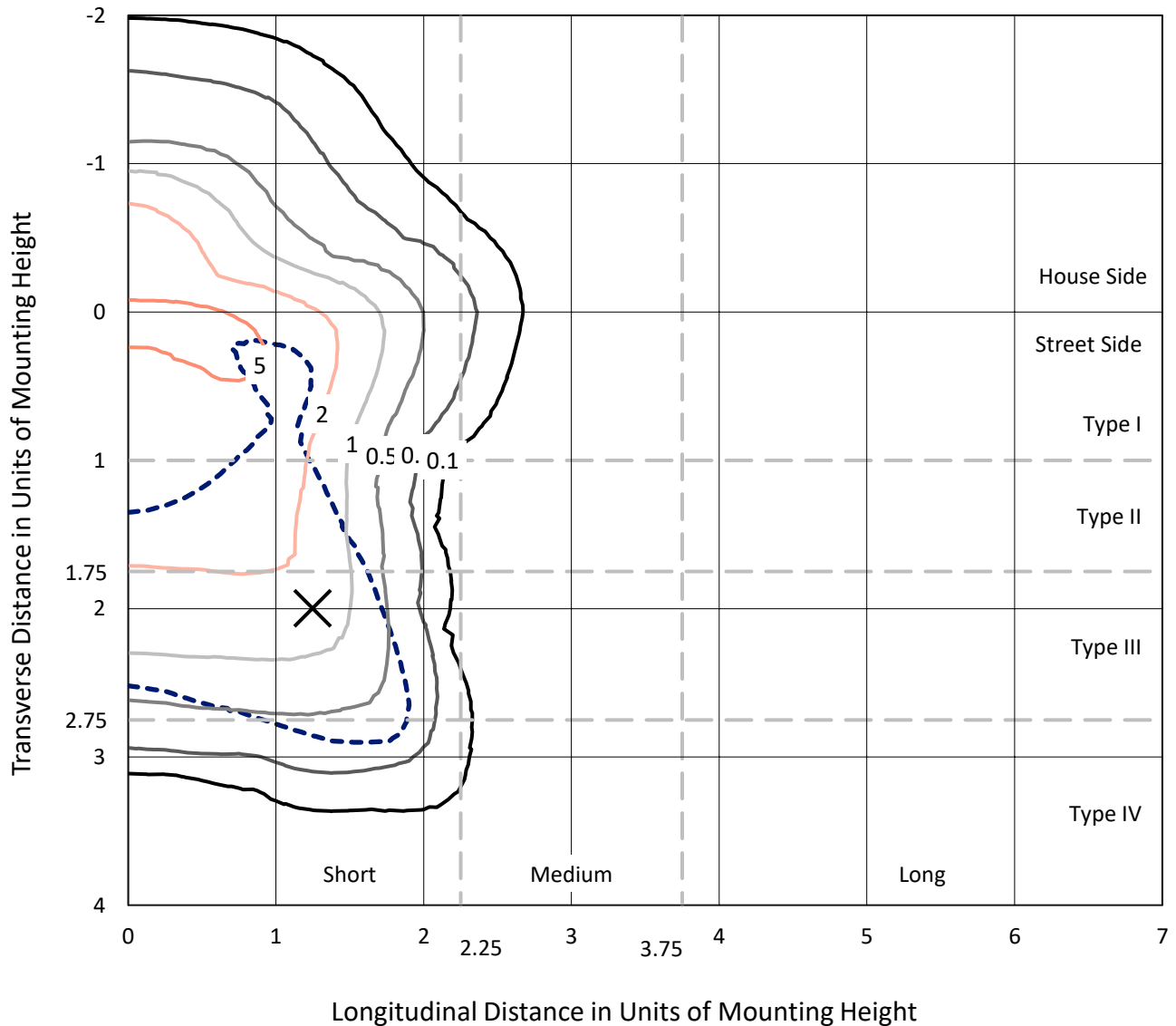
Lumens per Lamp: N/A  
Luminaire Lumens: 19124 lumens  
Efficiency: N/A  
Efficacy: 128.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 149.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

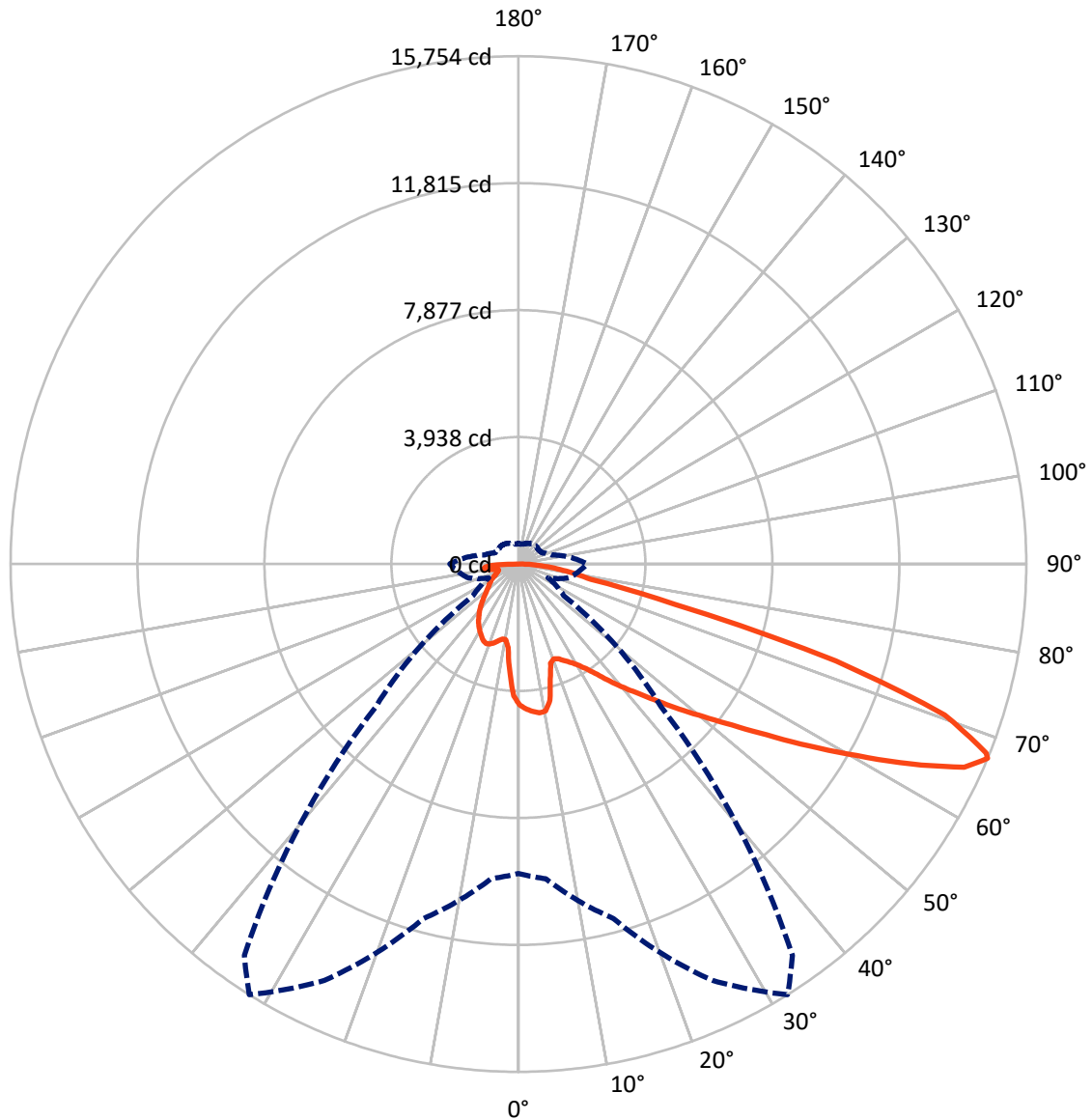


Based on 25 foot mounting height. Maximum calculated value = 7.6 fc  
 Type IV - Short - N/A

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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	4527.6	0.0	4527.6
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	14596.5	0.0	14596.5
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	19124.0	0.0	19124.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	381.8	2.0
10°-20°	1013.7	5.3
20°-30°	1655.4	8.7
30°-40°	2439.9	12.8
40°-50°	3364.7	17.6
50°-60°	4250.6	22.2
60°-70°	4113.8	21.5
70°-80°	1468.2	7.7
80°-90°	436.0	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°	19124.0	100.0
0°-180°	19124.0	100.0



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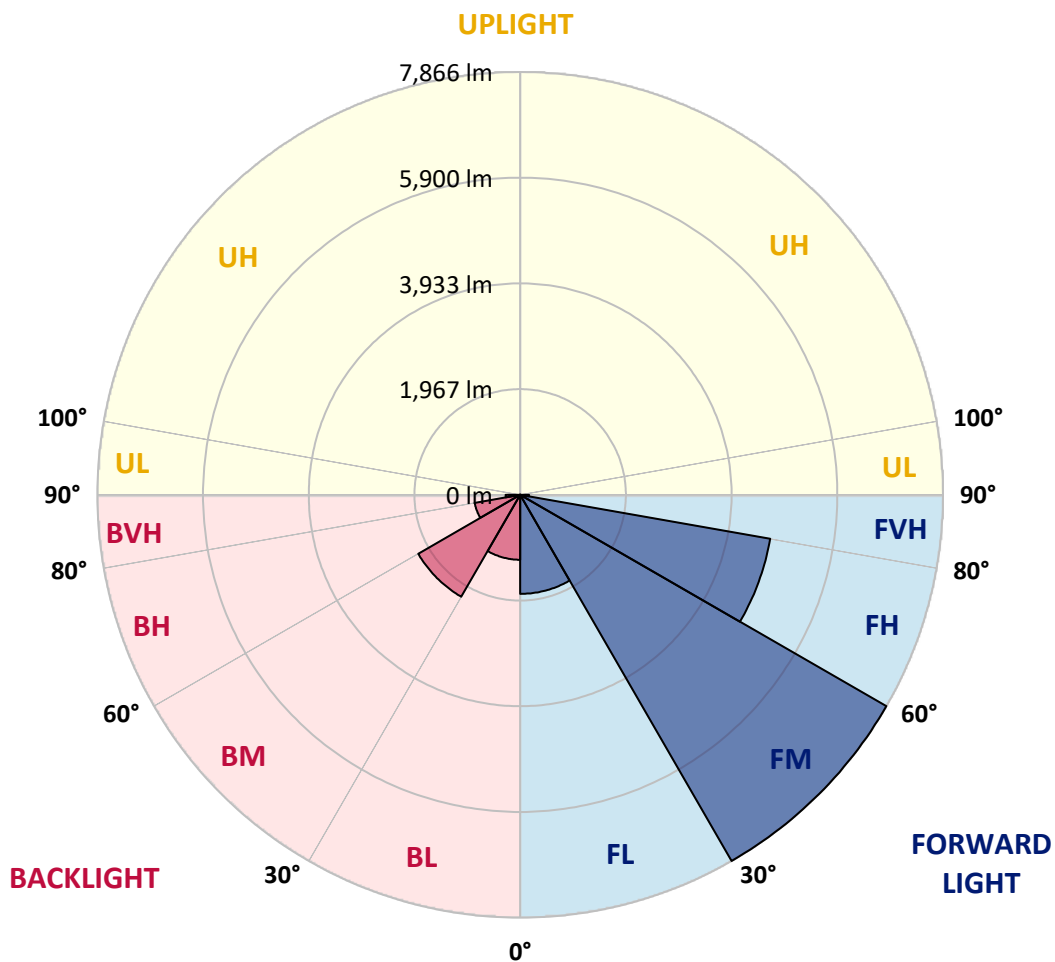
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1842.6	9.6			
FM	(30°-60°)	7866.3	41.1			
FH	(60°-80°)	4723.2	24.7			G2/5000
FVH	(80°-90°)	164.3	0.9			G2/225
BL	(0°-30°)	1208.2	6.3	B3/2500		
BM	(30°-60°)	2188.9	11.4	B2/2500		
BH	(60°-80°)	858.8	4.5	B2/1000		G2/1000
BVH	(80°-90°)	271.7	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°	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5
2.5°	4535.1	4522.3	4509.6	4518.1	4501.1	4496.8	4475.6	4467.1	4441.6	4437.4	4390.7
5°	4628.5	4603.0	4598.8	4607.3	4590.3	4590.3	4573.3	4560.5	4522.3	4501.1	4433.2
7.5°	4628.5	4624.2	4632.7	4662.5	4666.7	4666.7	4666.7	4670.9	4632.7	4603.0	4496.8
10°	4365.2	4322.7	4416.2	4564.8	4637.0	4679.4	4755.9	4802.6	4772.9	4751.6	4607.3
12.5°	3579.6	3583.9	3732.5	4051.0	4339.7	4462.9	4781.3	4951.2	4963.9	4930.0	4747.4
15°	3036.1	3057.3	3133.8	3363.1	3694.3	3876.9	4632.7	5082.8	5184.7	5150.8	4917.2
17.5°	2870.5	2883.2	2917.2	3048.9	3235.7	3384.3	4229.3	5167.8	5452.3	5409.8	5108.3
20°	2845.0	2853.5	2896.0	3006.4	3133.8	3218.7	3817.4	5099.8	5702.8	5685.8	5282.4
22.5°	2849.3	2857.8	2913.0	3065.8	3197.5	3269.7	3685.8	4942.7	5966.1	5983.1	5460.8
25°	2857.8	2862.0	2946.9	3150.8	3316.4	3405.5	3770.7	4802.6	6186.9	6331.3	5656.1
27.5°	2904.5	2917.2	3031.9	3261.2	3456.5	3558.4	3970.3	4849.3	6428.9	6726.2	5889.6
30°	3031.9	3040.4	3180.5	3418.3	3630.6	3736.8	4208.1	5036.1	6726.2	7133.8	6118.9
32.5°	3231.4	3239.9	3401.3	3647.6	3876.9	4004.3	4518.1	5392.8	7057.4	7562.7	6348.2
35°	3507.5	3511.7	3694.3	3957.6	4199.6	4344.0	4879.0	5796.2	7401.3	7927.9	6518.1
37.5°	3834.4	3864.1	4051.0	4327.0	4611.5	4743.1	5303.6	6267.6	7707.1	8237.8	6615.8
40°	4284.5	4293.0	4475.6	4743.1	5044.6	5172.0	5728.3	6713.4	8042.5	8420.4	6704.9
42.5°	4747.4	4819.6	4972.4	5269.7	5494.7	5596.6	6212.4	7121.1	8310.0	8428.9	6666.7
45°	5367.3	5422.5	5575.4	5838.7	6063.7	6182.6	6734.7	7494.7	8445.9	8356.7	6581.8
47.5°	6076.5	6110.4	6233.6	6471.4	6721.9	6806.8	7278.2	7707.1	8496.9	8305.8	6543.6
50°	6913.0	6913.0	7002.2	7206.0	7435.3	7554.2	7779.2	7834.4	8645.5	8216.6	6641.2
52.5°	7617.9	7651.9	7770.8	8059.5	8288.8	8424.7	8169.9	8029.8	8344.0	7719.8	6671.0
55°	8293.1	8331.3	8598.8	8959.7	9350.4	9499.0	8658.2	7932.1	7329.1	6993.7	6467.1
57.5°	8938.5	9019.2	9354.6	10059.5	10649.8	10637.0	9278.2	7057.4	5983.1	6191.1	6021.3
60°	9838.7	9923.6	10458.7	11346.2	12068.0	11766.5	9286.7	5872.7	4662.5	4942.7	5184.7
62.5°	10590.3	10734.7	11520.3	12998.0	13660.4	13189.1	8518.1	4496.8	3095.6	3448.0	4008.5
65°	10522.4	10713.5	11932.1	14212.4	15201.8	14764.4	7392.8	2845.0	1596.6	2356.7	2806.8
67°	9596.7	9804.7	11384.4	14254.9	15753.8	14819.6	6242.1	1719.8	1014.9	1634.8	1949.1
67.5°	9065.9	9371.6	11112.6	14174.2	15651.9	14586.1	5724.0	1439.5	955.4	1520.2	1775.0
70°	5575.4	6068.0	8339.8	12530.9	14029.8	12208.2	3180.5	815.3	777.1	1019.1	1227.2
72.5°	1677.3	1825.9	3218.7	8038.3	10297.3	9048.9	1431.0	628.5	696.4	819.5	946.9
75°	815.3	870.5	1329.1	3286.6	5014.9	4989.4	798.3	539.3	645.4	687.9	747.4
77.5°	522.3	556.3	828.0	1838.7	2297.3	2046.7	577.5	471.3	573.3	564.8	556.3
80°	327.0	344.0	530.8	1065.8	1694.3	1414.0	424.6	386.4	492.6	437.4	394.9
82.5°	212.3	233.5	339.7	649.7	1210.2	1053.1	280.3	276.0	407.6	348.2	305.7
85°	140.1	157.1	216.6	382.2	717.6	751.6	182.6	191.1	314.2	263.3	233.5
87.5°	51.0	63.7	110.4	169.9	335.5	416.1	76.4	72.2	152.9	123.1	97.7
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°	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5	4369.5
2.5°	4382.2	4369.5	4310.0	4259.1	4220.8	4169.9	4114.7	4051.0	4008.5	4017.0	4004.3
5°	4403.4	4369.5	4254.8	4080.7	3910.9	3698.5	3426.8	3265.4	3142.3	3078.6	3095.6
7.5°	4450.1	4390.7	4148.6	3796.2	3354.6	2921.5	2653.9	2501.1	2428.9	2399.2	2394.9
10°	4530.8	4428.9	4012.8	3354.6	2777.1	2484.1	2386.4	2344.0	2335.5	2335.5	2331.2
12.5°	4628.5	4467.1	3783.5	2925.7	2501.1	2394.9	2377.9	2382.2	2394.9	2407.7	2386.4
15°	4747.4	4484.1	3499.0	2666.7	2445.9	2420.4	2445.9	2475.6	2496.8	2513.8	2492.6
17.5°	4866.3	4467.1	3231.4	2543.5	2454.4	2488.3	2539.3	2586.0	2598.7	2624.2	2607.2
20°	4951.2	4407.7	3002.1	2496.8	2475.6	2552.0	2615.7	2666.7	2692.2	2709.1	2692.2
22.5°	5014.9	4331.2	2836.5	2450.1	2475.6	2569.0	2645.5	2704.9	2734.6	2751.6	2730.4
25°	5070.1	4225.1	2709.1	2382.2	2424.6	2513.8	2598.7	2658.2	2700.7	2726.1	2713.4
27.5°	5138.0	4140.2	2590.3	2280.3	2318.5	2403.4	2492.6	2564.8	2645.5	2687.9	2679.4
30°	5214.5	4097.7	2475.6	2169.9	2195.3	2280.3	2386.4	2484.1	2594.5	2649.7	2649.7
32.5°	5303.6	4068.0	2369.4	2063.7	2084.9	2178.4	2280.3	2369.4	2488.3	2577.5	2573.3
35°	5341.9	4034.0	2284.5	1966.0	2008.5	2084.9	2165.6	2225.1	2348.2	2454.4	2462.9
37.5°	5380.1	4021.3	2242.1	1889.6	1923.6	1983.0	2025.5	2055.2	2169.9	2280.3	2284.5
40°	5426.8	4080.7	2271.8	1838.7	1808.9	1868.4	1889.6	1906.6	1966.0	2038.2	2038.2
42.5°	5397.1	4123.2	2339.7	1791.9	1668.8	1736.7	1745.2	1741.0	1745.2	1749.5	1745.2
45°	5320.6	4080.7	2339.7	1719.8	1520.2	1592.4	1588.1	1566.9	1532.9	1443.7	1431.0
47.5°	5303.6	4055.2	2250.5	1600.9	1371.6	1431.0	1439.5	1397.0	1299.4	1206.0	1176.2
50°	5375.8	4101.9	2110.4	1456.5	1244.2	1295.1	1316.4	1244.2	1133.8	1036.1	1019.1
52.5°	5482.0	4161.4	1906.6	1299.4	1138.0	1189.0	1214.4	1133.8	1019.1	942.7	934.2
55°	5469.3	4161.4	1677.3	1155.0	1057.3	1095.5	1138.0	1053.1	963.9	921.5	917.2
57.5°	5193.2	4004.3	1507.4	1053.1	980.9	1014.9	1070.1	989.4	904.5	913.0	925.7
60°	4654.0	3596.6	1380.1	985.1	913.0	946.9	1006.4	913.0	802.6	772.8	772.8
62.5°	3834.4	2963.9	1278.1	917.2	849.3	891.7	921.5	798.3	726.1	692.1	692.1
65°	2874.8	2293.0	1172.0	862.0	794.1	840.8	806.8	747.4	675.2	649.7	653.9
67°	2131.6	1779.2	1082.8	815.3	760.1	781.3	755.8	713.4	641.2	620.0	641.2
67.5°	1915.1	1690.0	1061.6	802.6	751.6	768.6	743.1	709.1	632.7	611.5	632.7
70°	1316.4	1299.4	946.9	743.1	704.9	687.9	700.6	658.2	594.5	586.0	607.2
72.5°	1002.1	1036.1	849.3	692.1	653.9	632.7	662.4	620.0	556.3	569.0	590.2
75°	785.6	836.5	760.1	620.0	594.5	598.7	658.2	641.2	590.2	603.0	607.2
77.5°	581.7	675.2	649.7	539.3	518.1	577.5	743.1	794.1	704.9	683.7	653.9
80°	424.6	484.1	547.8	445.9	433.1	556.3	917.2	1014.9	870.5	785.6	764.3
82.5°	314.2	339.7	450.1	356.7	314.2	496.8	1019.1	1193.2	1036.1	874.7	849.3
85°	225.1	263.3	356.7	263.3	208.1	407.6	997.9	1167.7	1027.6	828.0	806.8
87.5°	80.7	114.7	152.9	118.9	106.2	280.3	823.8	840.8	641.2	293.0	297.2
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-8  
 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-827-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2756  
 CIE u': 0.2599  
 CIE v': 0.5271  
 Duv: 0.0006  
 CIE x: 0.4563  
 CIE y: 0.4112  
 CIE z: 0.1325  
 Peak Wavelength (nm): 609  
 Dominant Wavelength (nm): 583  
 Purity: 60.41121  
 Rf: 82.2  
 Rg: 99.9

CRI (Ra):	82.9		
R1:	81.6	R9:	10.8
R2:	88.8	R10:	74.8
R3:	96.0	R11:	84.3
R4:	83.4	R12:	72.1
R5:	81.4	R13:	82.9
R6:	87.0	R14:	97.3
R7:	84.0	R15:	73.7
R8:	60.8		



**Test Conditions**

Stabilization Time: 29M  
 Operation Time: 1H 29M  
 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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

**Summary**

$R_f = 82.2$   
 $R_g = 99.9$   
 $CIE R_a = 82.9$   
 $R_9 = 10.8$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)