

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: P1456414

Luminaire Tested: GLAN-SB3D-727-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456414  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3D-727-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square  
PACKAGE 70CRI 2700K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (78) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

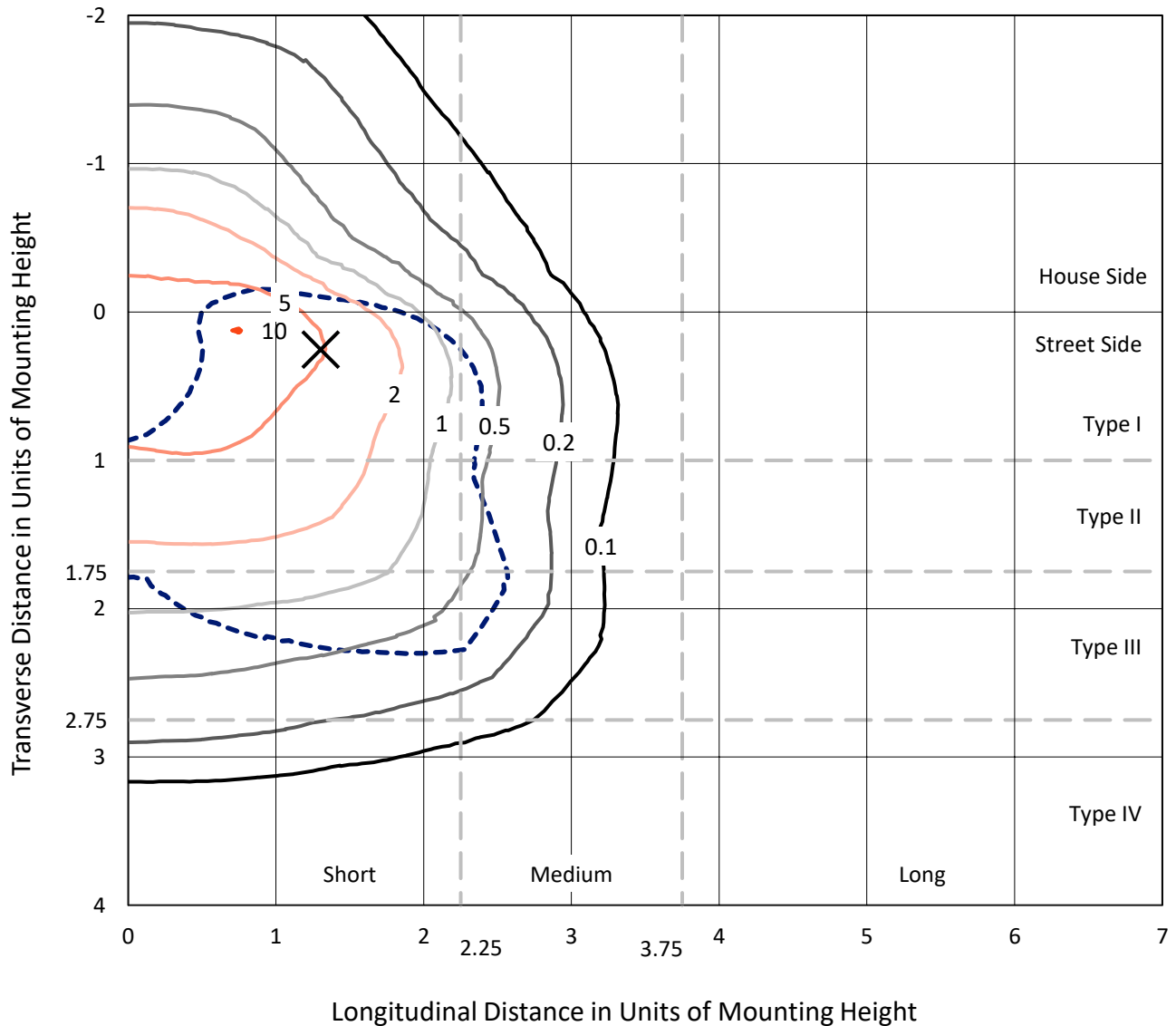
Lumens per Lamp: N/A  
Luminaire Lumens: 27631.4 lumens  
Efficiency: N/A  
Efficacy: 126.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 218.1  
Input Voltage (V): 120  
Input Current (Ain): 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

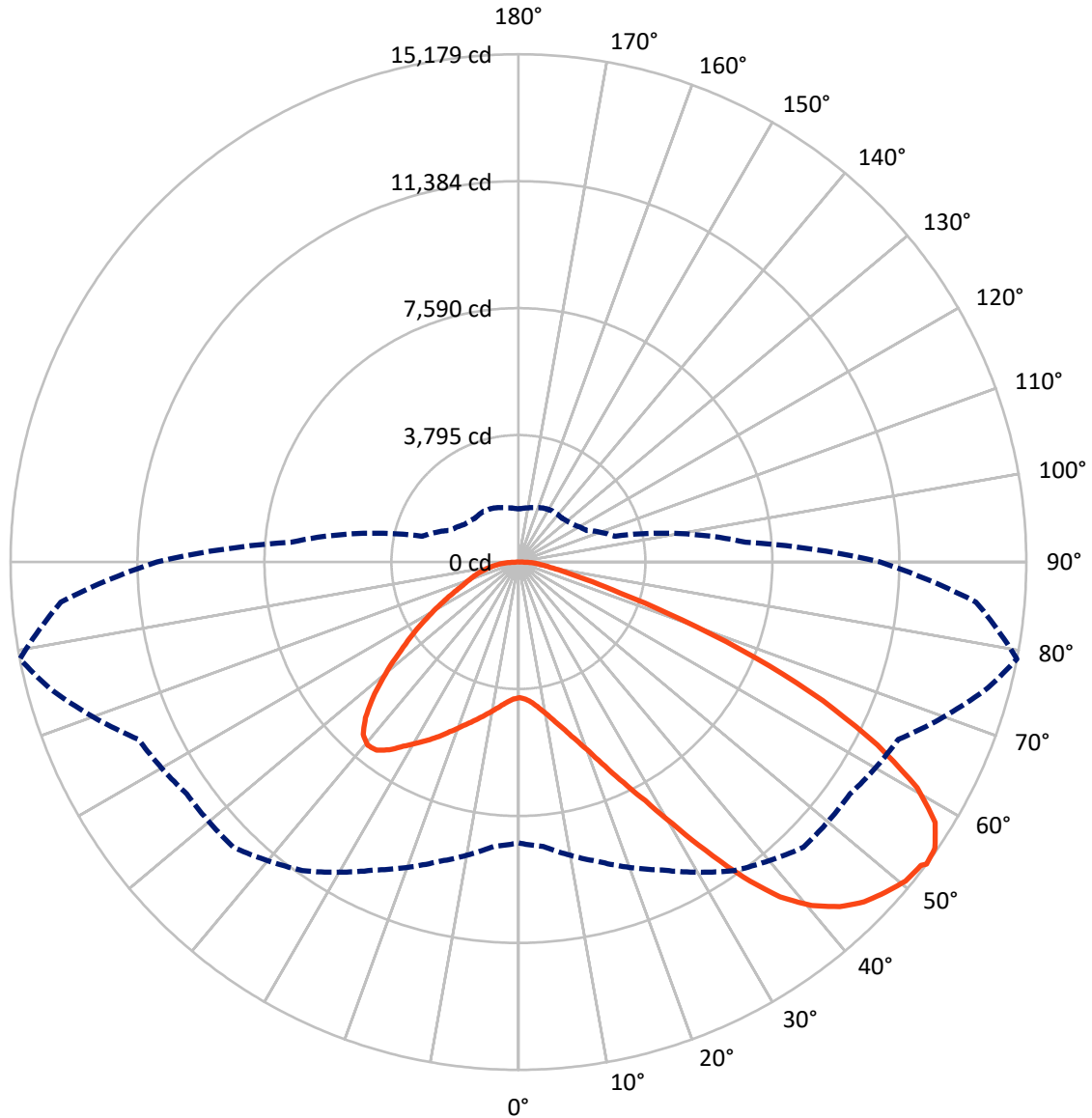


Based on 25 foot mounting height. Maximum calculated value = 10.1 fc  
 Type III - Short - N/A

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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	6965.7	0.0	6965.7
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	20665.7	0.0	20665.7
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	27631.4	0.0	27631.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	386.5	1.4
10°-20°	1196.9	4.3
20°-30°	2288.3	8.3
30°-40°	3928.9	14.2
40°-50°	5503.2	19.9
50°-60°	6245.4	22.6
60°-70°	5476.8	19.8
70°-80°	2141.5	7.8
80°-90°	464.0	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°	27631.4	100.0
0°-180°	27631.4	100.0



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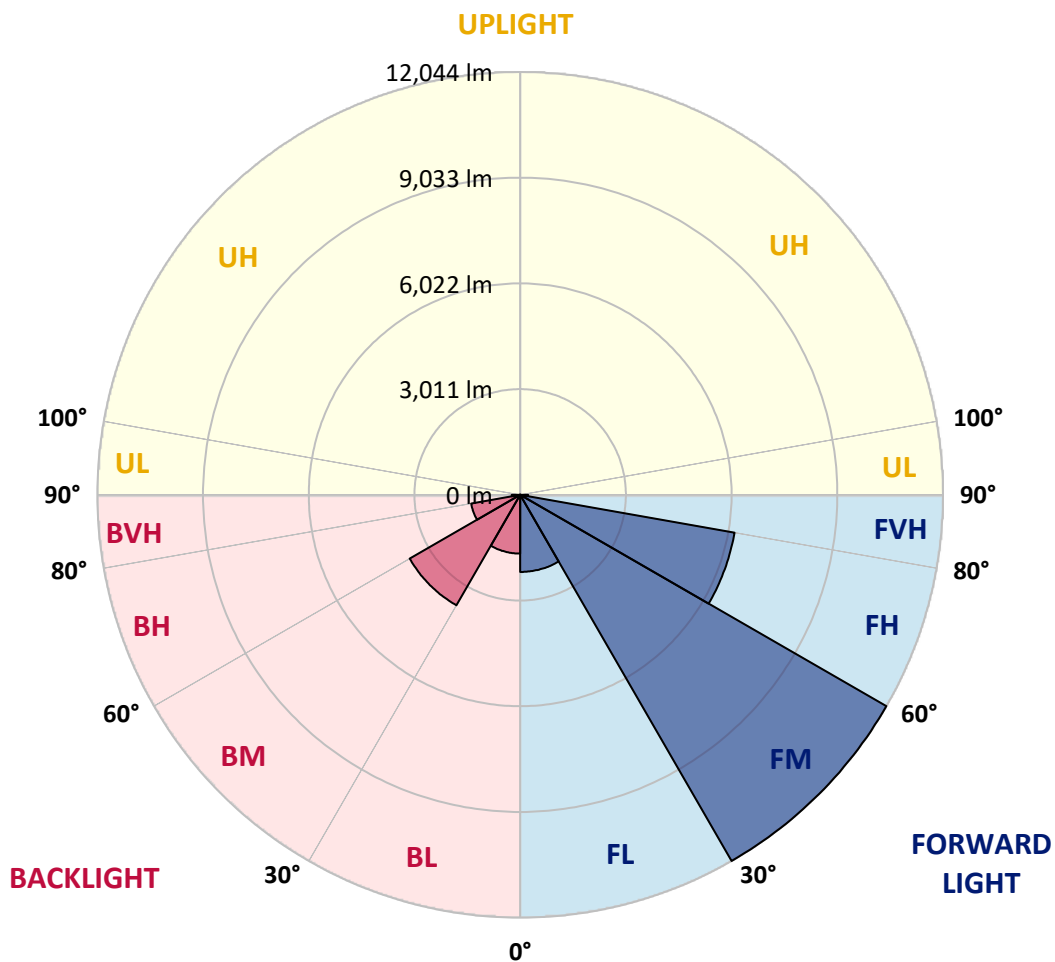
CATALOG NUMBER: GLAN-SB3D-727-U-T3LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2196.4	7.9			
FM	(30°-60°)	12043.5	43.6			
FH	(60°-80°)	6200.7	22.4			G3/7500
FVH	(80°-90°)	225.1	0.8			G3/500
BL	(0°-30°)	1675.3	6.1	B3/2500		
BM	(30°-60°)	3633.8	13.2	B3/5000		
BH	(60°-80°)	1417.6	5.1	B3/2500		G3/2500
BVH	(80°-90°)	238.9	0.9			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 III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4
2.5°	4062.5	4062.5	4037.9	4062.5	4050.2	4068.7	4081.0	4081.0	4105.6	4099.4	4099.4
5°	3994.8	3982.5	3976.3	4019.4	4044.1	4093.3	4148.7	4173.3	4216.4	4216.4	4222.6
7.5°	3816.3	3810.1	3840.9	3927.1	4007.1	4130.2	4247.2	4314.9	4382.6	4394.9	4394.9
10°	3705.5	3699.4	3736.3	3840.9	3970.2	4148.7	4333.4	4474.9	4585.7	4616.5	4616.5
12.5°	3705.5	3705.5	3736.3	3840.9	3976.3	4191.8	4444.1	4684.2	4856.6	4893.5	4881.2
15°	3810.1	3804.0	3840.9	3951.7	4081.0	4284.1	4591.9	4912.0	5145.9	5213.6	5219.7
17.5°	3920.9	3914.8	3970.2	4111.8	4265.6	4468.8	4782.7	5176.6	5509.0	5595.2	5613.7
20°	4093.3	4087.1	4154.8	4290.3	4481.1	4715.0	5041.2	5490.6	5952.2	6044.5	6069.2
22.5°	4290.3	4296.4	4370.3	4536.5	4727.3	5035.1	5435.2	5933.7	6487.7	6629.3	6653.9
25°	4702.7	4684.2	4745.8	4862.7	5065.8	5435.2	5927.6	6469.2	7127.9	7300.2	7331.0
27.5°	5250.5	5219.7	5287.4	5404.4	5552.1	5896.8	6463.1	7066.3	7860.4	8075.8	8081.9
30°	5742.9	5724.5	5816.8	6056.8	6210.7	6475.4	7078.6	7768.0	8765.2	9079.1	9091.4
32.5°	6167.6	6161.5	6333.8	6641.6	6992.5	7275.6	7860.4	8654.4	9910.1	10273.2	10193.2
35°	6573.9	6592.4	6807.8	7127.9	7595.7	8162.0	8752.9	9657.7	11116.5	11553.5	11424.3
37.5°	6986.3	6998.6	7281.8	7694.2	8186.6	8925.2	9719.3	10747.2	12162.9	12704.6	12421.5
40°	7367.9	7404.9	7786.5	8229.7	8869.8	9620.8	10507.1	11504.3	12969.3	13504.8	13197.0
42.5°	7749.6	7805.0	8217.4	8826.7	9510.0	10291.7	11055.0	11966.0	13486.3	14083.4	13609.4
45°	8143.5	8180.4	8691.3	9325.3	10100.9	10821.1	11368.9	12261.4	13843.3	14489.6	13843.3
47.5°	8408.2	8482.0	9042.2	9774.7	10550.2	11227.3	11621.3	12384.5	14071.1	14754.3	13929.5
50°	8512.8	8617.5	9220.7	10033.2	10919.6	11608.9	11818.2	12452.2	14323.4	14988.2	13911.0
52.5°	8494.4	8592.8	9251.5	10150.1	11215.0	11959.8	12009.0	12526.1	14502.0	15068.2	13751.0
53°	8395.9	8531.3	9269.9	10156.3	11258.1	12052.1	12095.2	12532.2	14526.6	15179.0	13726.4
55°	8057.3	8131.2	9079.1	10150.1	11461.2	12396.8	12335.3	12716.9	14594.3	15105.2	13455.5
57.5°	7749.6	7823.4	8648.2	10033.2	11627.4	12883.1	12723.1	12686.1	14225.0	14686.6	12772.3
60°	7552.6	7577.2	8272.8	9663.9	11559.7	13221.6	12975.4	12323.0	13314.0	13695.6	11572.0
62.5°	7386.4	7380.2	7995.8	9134.5	11301.2	13270.9	13024.7	11424.3	11978.3	12039.8	9971.6
65°	7010.9	6967.8	7564.9	8537.4	10765.7	13049.3	12421.5	10064.0	10205.5	10002.4	8008.1
67.5°	6266.1	6173.8	6703.2	7626.5	9676.2	12421.5	11270.4	8482.0	8045.0	7638.8	6032.2
70°	4487.2	4487.2	4912.0	5835.3	7768.0	10734.9	9676.2	6420.0	5539.8	5176.6	4031.7
72.5°	2197.5	2252.8	2696.0	3447.0	5207.4	7792.6	7411.0	4161.0	3360.8	3182.3	2585.2
75°	935.6	941.8	1151.0	1526.5	2640.6	4610.3	4641.1	2400.6	2154.4	2068.2	1711.2
77.5°	652.5	664.8	757.1	898.7	1255.7	2117.4	2412.9	1452.7	1446.5	1384.9	1218.8
80°	498.6	510.9	572.4	670.9	843.3	1083.3	1249.5	984.9	1034.1	972.5	880.2
82.5°	375.5	387.8	430.9	504.7	603.2	726.3	701.7	726.3	763.3	726.3	634.0
85°	252.4	258.5	289.3	350.9	387.8	437.0	437.0	529.4	554.0	541.7	498.6
87.5°	129.3	129.3	153.9	184.7	197.0	203.1	178.5	233.9	264.7	289.3	233.9
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°	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4	4056.4
2.5°	4099.4	4105.6	4087.1	4081.0	4074.8	4044.1	4044.1	4013.3	4007.1	4013.3	3994.8
5°	4234.9	4222.6	4173.3	4136.4	4093.3	4007.1	3957.9	3890.2	3871.7	3853.2	3834.8
7.5°	4401.1	4382.6	4296.4	4197.9	4081.0	3914.8	3822.5	3711.7	3674.7	3644.0	3631.6
10°	4610.3	4573.4	4438.0	4228.7	4013.3	3810.1	3680.9	3545.5	3483.9	3471.6	3440.8
12.5°	4881.2	4813.5	4561.1	4234.9	3951.7	3687.0	3545.5	3440.8	3416.2	3410.1	3379.3
15°	5182.8	5084.3	4678.0	4241.0	3871.7	3582.4	3496.2	3440.8	3440.8	3434.7	3416.2
17.5°	5552.1	5392.1	4788.8	4216.4	3773.2	3551.6	3508.5	3459.3	3447.0	3453.1	3428.5
20°	5995.3	5730.6	4905.8	4185.6	3730.1	3557.8	3508.5	3440.8	3410.1	3403.9	3385.4
22.5°	6506.2	6118.4	5035.1	4136.4	3730.1	3551.6	3471.6	3379.3	3317.7	3293.1	3268.5
25°	7090.9	6567.7	5170.5	4117.9	3742.4	3527.0	3397.7	3250.0	3151.5	3114.6	3096.1
27.5°	7798.8	7041.7	5269.0	4136.4	3736.3	3471.6	3268.5	3077.7	2966.9	2905.3	2893.0
30°	8580.5	7552.6	5336.7	4167.2	3699.4	3367.0	3114.6	2899.2	2745.3	2671.4	2652.9
32.5°	9503.8	8125.0	5404.4	4167.2	3607.0	3219.2	2936.1	2702.2	2542.2	2456.0	2443.7
35°	10525.6	8826.7	5465.9	4161.0	3496.2	3059.2	2757.6	2517.5	2351.3	2265.2	2259.0
37.5°	11393.5	9356.1	5496.7	4099.4	3342.3	2874.5	2591.4	2351.3	2179.0	2086.7	2080.5
40°	11929.0	9577.7	5435.2	3976.3	3157.7	2683.7	2406.7	2185.1	2012.8	1902.0	1877.4
42.5°	12132.2	9473.0	5238.2	3773.2	2936.1	2492.9	2252.8	2018.9	1791.2	1698.9	1680.4
45°	12064.4	9066.8	4819.6	3483.9	2689.9	2320.6	2117.4	1852.8	1705.0	1625.0	1618.9
47.5°	11836.7	8439.0	4296.4	3120.8	2431.4	2166.7	1938.9	1809.7	1674.2	1588.1	1581.9
50°	11436.6	7768.0	3668.6	2708.3	2197.5	2006.6	1895.8	1791.2	1680.4	1612.7	1600.4
52.5°	10925.7	7010.9	3090.0	2308.2	1994.3	1865.1	1852.8	1778.9	1692.7	1618.9	1588.1
53°	10808.8	6813.9	2979.2	2240.5	1963.5	1846.6	1840.4	1778.9	1680.4	1612.7	1588.1
55°	10248.6	6204.6	2628.3	2000.5	1809.7	1785.0	1840.4	1772.7	1649.6	1594.2	1575.8
57.5°	9349.9	5404.4	2289.8	1778.9	1649.6	1711.2	1822.0	1748.1	1612.7	1514.2	1483.4
60°	8266.6	4487.2	2031.3	1631.2	1532.7	1618.9	1748.1	1661.9	1477.3	1428.0	1421.9
62.5°	6974.0	3631.6	1834.3	1508.1	1434.2	1520.4	1637.3	1489.6	1354.2	1317.2	1304.9
65°	5447.5	2886.8	1680.4	1415.7	1335.7	1403.4	1483.4	1391.1	1304.9	1274.2	1268.0
67.5°	4050.2	2265.2	1557.3	1335.7	1237.2	1280.3	1372.6	1348.0	1274.2	1255.7	1249.5
70°	2794.5	1840.4	1446.5	1261.8	1114.1	1163.4	1304.9	1323.4	1249.5	1237.2	1231.1
72.5°	1957.4	1557.3	1329.6	1181.8	1015.6	1064.9	1274.2	1274.2	1194.1	1212.6	1200.3
75°	1471.1	1311.1	1194.1	1083.3	892.5	966.4	1231.1	1218.8	1138.7	1218.8	1188.0
77.5°	1108.0	1058.7	1034.1	960.2	781.7	855.6	1144.9	1120.3	1015.6	1021.8	966.4
80°	806.3	818.7	886.4	818.7	652.5	707.9	966.4	954.1	824.8	849.4	781.7
82.5°	578.6	609.4	757.1	658.6	474.0	504.7	664.8	720.2	646.3	609.4	621.7
85°	437.0	455.5	609.4	486.3	295.5	332.4	455.5	517.0	504.7	467.8	474.0
87.5°	184.7	209.3	283.1	227.7	172.3	172.3	283.1	363.2	326.2	277.0	289.3
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-3  
 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-727-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2672  
 CIE u': 0.2638  
 CIE v': 0.5276  
 Duv: -0.0002  
 CIE x: 0.4619  
 CIE y: 0.4106  
 CIE z: 0.1275  
 Peak Wavelength (nm): 601  
 Dominant Wavelength (nm): 584  
 Purity: 61.88407  
 Rf: 67.9  
 Rg: 98.6

CRI (Ra):	71.1		
R1:	68.3	R9:	-27.8
R2:	79.8	R10:	54.4
R3:	91.2	R11:	65.8
R4:	69.4	R12:	45.6
R5:	66.5	R13:	69.8
R6:	72.6	R14:	94.5
R7:	77.0	R15:	60.1
R8:	44.1		



**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 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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



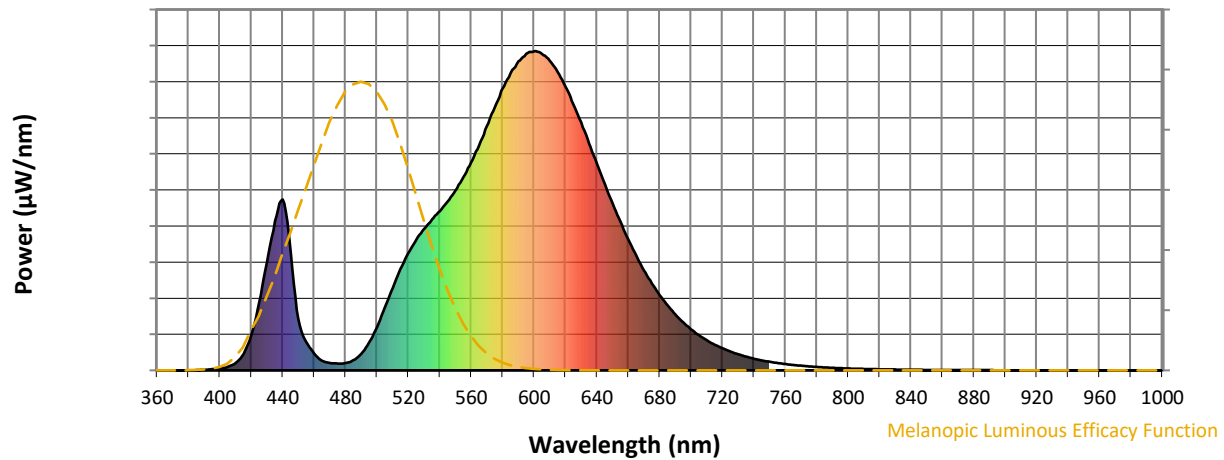
**Scotopic Lumens: NR**

**S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 1.71**

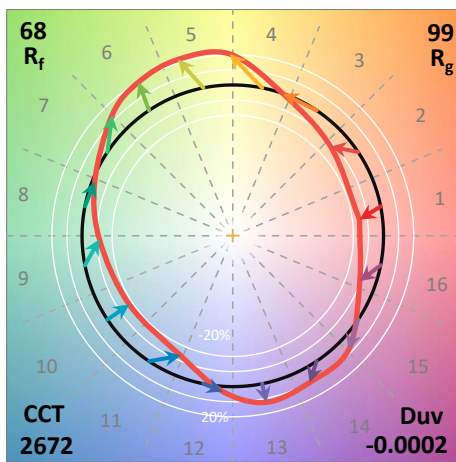
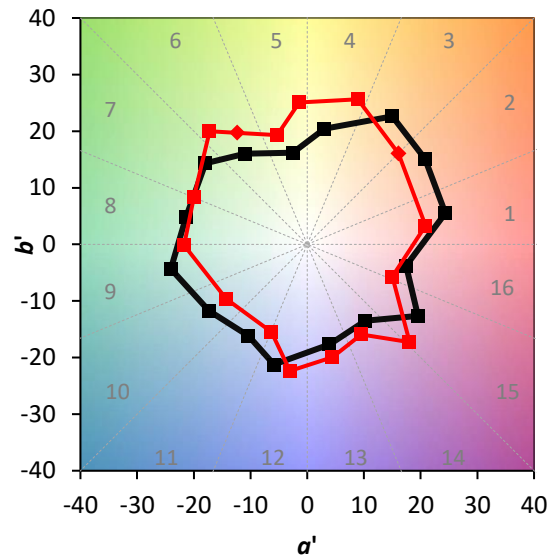
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

**Summary**

$R_f = 67.9$   
 $R_g = 98.6$   
 $CIE R_a = 71.1$   
 $R_9 = -27.8$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)