

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: P1455858

Luminaire Tested: GLAN-SB8D-727-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1455858  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8D-727-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square  
PACKAGE 70CRI 2700K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (208) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

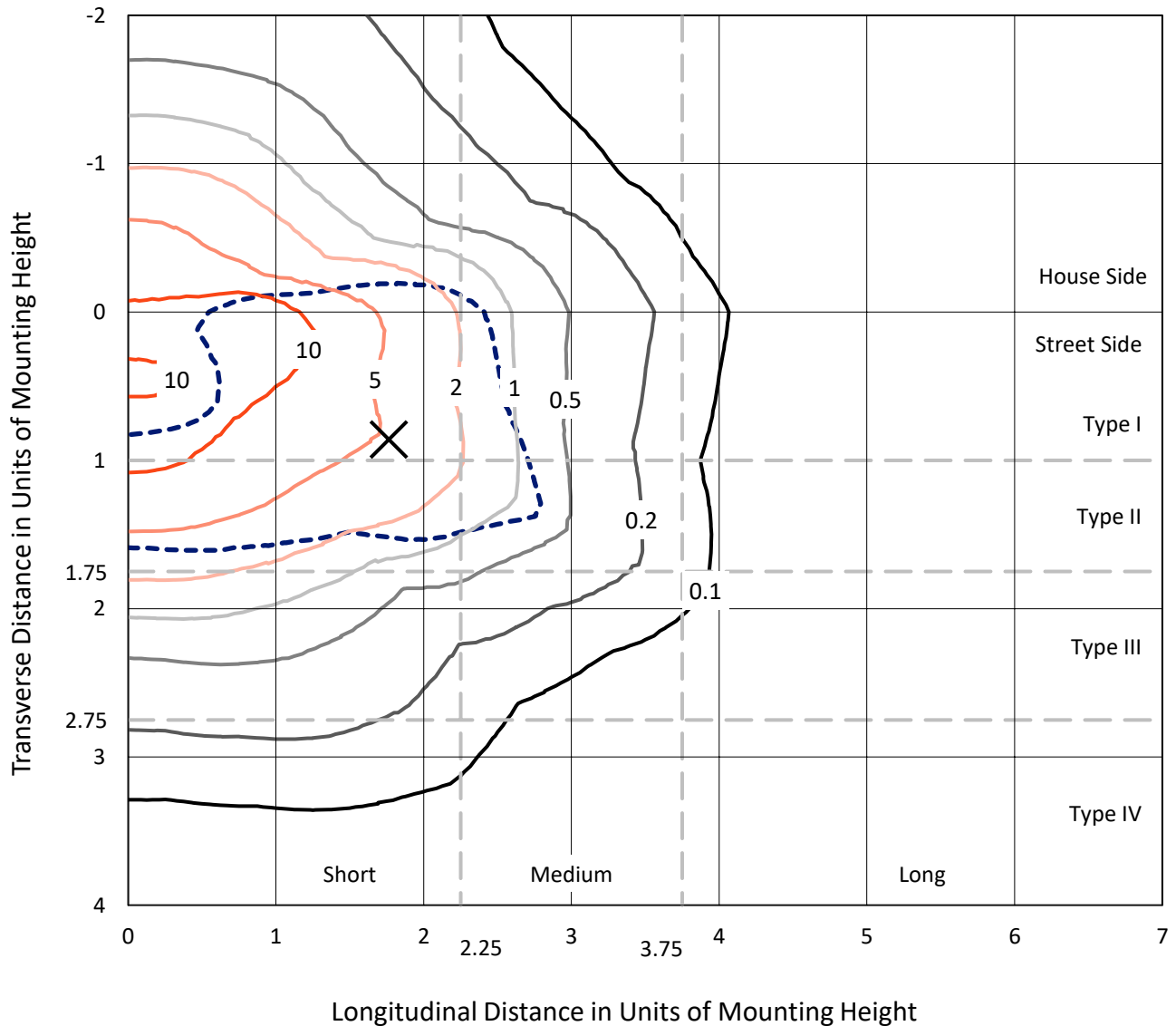
Lumens per Lamp: N/A  
Luminaire Lumens: 73860.1 lumens  
Efficiency: N/A  
Efficacy: 126.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B5 - U0 - G5  
  
Input Watts (W): 584.9  
Input Voltage (V): 120  
Input Current (Ain): 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-SB8D-727-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

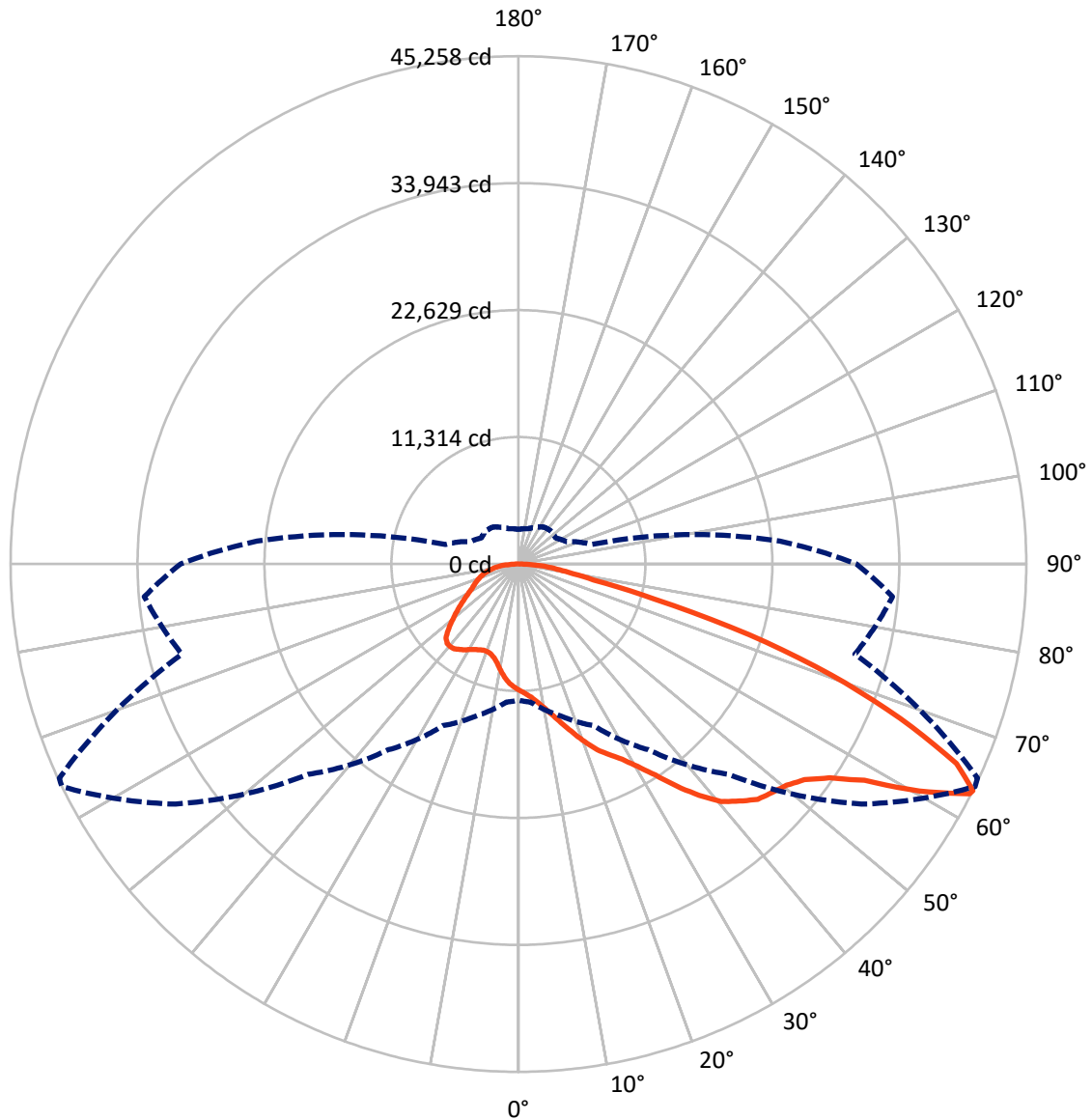


Based on 30 foot mounting height. Maximum calculated value = 19.3 fc  
 Type II - Short - N/A

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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	19844.2	0.0	19844.2
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	54016.0	0.0	54016.0
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	73860.1	0.0	73860.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1032.7	1.4
10°-20°	3179.3	4.3
20°-30°	5813.8	7.9
30°-40°	10000.7	13.5
40°-50°	14748.4	20.0
50°-60°	17676.8	23.9
60°-70°	14187.4	19.2
70°-80°	5700.9	7.7
80°-90°	1520.1	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°	73860.1	100.0
0°-180°	73860.1	100.0



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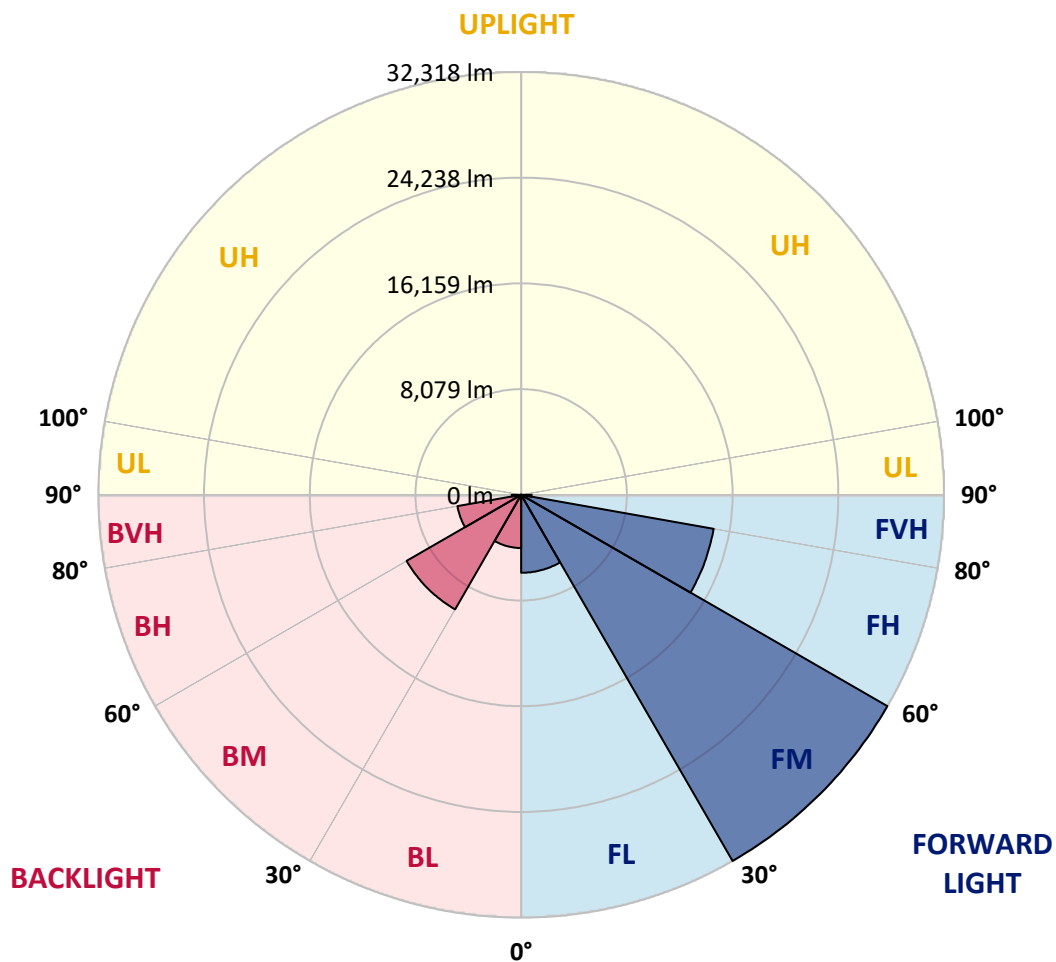
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5959.1	8.1			
FM (30°-60°)	32317.7	43.8			
FH (60°-80°)	14940.5	20.2			G5
FVH (80°-90°)	798.7	1.1			G5
BL (0°-30°)	4066.8	5.5	B4/5000		
BM (30°-60°)	10108.2	13.7	B5		
BH (60°-80°)	4947.8	6.7	B4/5000		G4/5000
BVH (80°-90°)	721.5	1.0			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1
2.5°	11712.6	11729.2	11679.4	11662.8	11696.0	11629.6	11613.0	11546.7	11513.5	11447.1	11364.2
5°	12044.4	12061.0	12027.8	12027.8	12061.0	12011.2	11994.6	11928.3	11895.1	11828.7	11662.8
7.5°	12027.8	12044.4	12077.6	12210.3	12376.2	12442.5	12492.3	12442.5	12426.0	12326.4	12160.5
10°	11762.4	11778.9	11861.9	12061.0	12475.7	12774.3	13089.6	13089.6	13122.7	13039.8	12741.2
12.5°	11397.4	11414.0	11613.0	11928.3	12475.7	12990.0	13637.0	13902.5	13885.9	13836.1	13487.7
15°	10518.1	10518.1	10816.7	11414.0	12293.2	13139.3	14101.5	14814.9	14831.5	14881.3	14466.5
17.5°	9771.5	9788.1	10037.0	10567.9	11712.6	13056.4	14599.3	15826.9	15876.7	16158.7	15561.5
20°	9837.9	9837.9	9920.9	10153.1	11082.2	12724.6	14881.3	16905.3	17071.2	17734.8	16988.2
22.5°	10352.2	10352.2	10418.6	10402.0	10966.0	12508.9	15063.8	17983.6	18282.2	19659.2	18697.0
25°	11297.8	11281.2	11214.9	11115.3	11447.1	12741.2	15478.5	18813.1	19393.8	21782.7	20671.2
27.5°	12459.1	12426.0	12326.4	12160.5	12392.8	13437.9	16191.9	19692.4	20322.8	24105.4	22761.6
30°	13902.5	13802.9	13703.4	13487.7	13736.6	14582.7	17253.7	20936.7	21533.9	26743.2	25283.2
32.5°	15611.2	15727.4	15395.6	15097.0	15362.4	16142.1	18829.7	22413.2	23060.2	29497.1	27904.5
35°	18166.1	18514.5	18415.0	16905.3	17154.1	18016.8	20671.2	24321.0	24901.7	32002.2	30592.1
37.5°	20687.8	20604.9	20687.8	19427.0	19028.8	20074.0	22645.4	26145.9	26710.0	34042.8	32964.4
40°	22711.8	22960.6	22960.6	21932.1	21417.8	22114.5	24437.2	27821.5	28369.0	35170.9	34673.2
42.5°	24918.3	24951.4	24885.1	23989.2	23790.1	23972.6	26013.2	28883.3	29331.2	35751.6	35834.5
45°	27406.8	27390.2	27108.2	26361.6	26063.0	25897.1	26992.0	29911.9	30359.8	36017.0	36464.9
47.5°	29463.9	29546.9	29563.5	28767.2	28269.5	27556.1	27838.1	30426.2	30940.5	35718.4	36597.7
50°	29580.1	29712.8	30343.2	30575.5	30475.9	29331.2	28617.8	30973.6	31487.9	35784.8	37078.8
52.5°	28850.1	28982.8	29795.7	30758.0	31919.3	31371.8	29845.5	31919.3	32450.2	36431.8	38173.7
55°	26892.5	27108.2	28319.2	29663.0	31736.8	32516.5	32018.8	33628.0	34125.7	36946.1	39451.2
57.5°	23408.6	23674.0	25349.6	27489.7	30326.6	32251.1	35170.9	36365.4	36780.2	37311.0	39467.7
60°	17502.5	17718.2	20339.4	23226.1	27489.7	30592.1	37045.6	41060.4	41292.7	35336.8	37228.1
62.5°	12890.5	13106.1	14864.7	16938.4	21600.3	27539.5	37410.6	45125.0	45158.1	31770.0	34142.3
63°	12143.9	12359.6	13952.2	15893.3	20206.7	26510.9	37294.4	45257.7	45141.5	31040.0	33462.1
65°	9456.3	9837.9	11496.9	12973.4	15146.7	21102.6	35801.3	42901.9	43067.8	28883.3	30044.6
67.5°	6436.9	6719.0	8825.9	10534.7	11447.1	13437.9	29364.4	36713.8	36979.2	26643.6	23972.6
70°	4977.0	5109.7	6337.4	8344.8	9257.3	8543.9	19144.9	29563.5	29563.5	20803.9	16988.2
72.5°	3898.7	3948.4	4777.9	6519.9	7448.9	6569.7	10667.4	21500.7	20704.4	12343.0	11331.0
75°	2787.1	2853.5	3600.0	4860.9	5939.2	5176.1	6818.5	12525.5	12044.4	7100.5	7565.1
77.5°	2206.5	2239.7	2687.6	3583.5	4811.1	3948.4	5192.7	6835.1	6768.7	4993.6	4860.9
80°	1742.0	1808.3	2106.9	2571.5	3716.2	3085.8	3865.5	4512.5	4379.8	3434.1	3118.9
82.5°	1244.3	1360.4	1625.8	1957.6	2753.9	2206.5	2538.3	3185.3	3185.3	2588.0	2057.2
85°	763.1	862.7	962.2	1211.1	1957.6	1426.7	1343.8	2057.2	2106.9	1941.0	1327.2
87.5°	365.0	398.2	464.5	514.3	713.4	647.0	530.9	779.7	796.3	862.7	547.5
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°	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1	11248.1
2.5°	11347.6	11314.4	11148.5	10982.6	10800.1	10634.2	10468.3	10335.6	10186.3	10219.5	10236.1
5°	11563.3	11480.3	11115.3	10684.0	10119.9	9589.1	9074.8	8709.8	8477.5	8411.2	8278.4
7.5°	12027.8	11828.7	11165.1	10252.7	9207.5	8378.0	7896.9	7681.2	7614.8	7631.4	7598.2
10°	12558.7	12260.1	11231.5	9738.4	8411.2	7847.1	7780.7	7913.5	7979.8	8046.2	8062.8
12.5°	13255.5	12774.3	11198.3	9174.3	8029.6	7930.0	8178.9	8427.7	8577.1	8676.6	8660.0
15°	14068.4	13421.4	11098.7	8709.8	7979.8	8245.3	8560.5	8842.5	9025.0	9124.5	9074.8
17.5°	15047.2	14184.5	10982.6	8411.2	8129.1	8444.3	8776.1	9058.2	9257.3	9323.6	9273.8
20°	16258.3	15047.2	10783.5	8278.4	8245.3	8527.3	8825.9	9091.4	9257.3	9323.6	9257.3
22.5°	17685.0	16075.8	10617.6	8278.4	8295.0	8527.3	8743.0	8942.0	9091.4	9141.1	9058.2
25°	19509.9	17270.2	10551.3	8411.2	8311.6	8444.3	8560.5	8676.6	8759.6	8792.7	8759.6
27.5°	21368.0	18647.2	10584.5	8577.1	8295.0	8328.2	8328.2	8344.8	8361.4	8378.0	8361.4
30°	23508.1	20040.8	10717.2	8792.7	8328.2	8162.3	8112.5	8013.0	7930.0	7863.7	7797.3
32.5°	25581.9	21368.0	10949.4	9107.9	8295.0	7979.8	7880.3	7631.4	7399.2	7200.1	7200.1
35°	27821.5	22745.0	11364.2	9340.2	8261.8	7813.9	7531.9	7249.9	7001.0	6719.0	6719.0
37.5°	29746.0	23922.9	11696.0	9605.6	8228.7	7614.8	7166.9	6851.7	6586.3	6304.2	6271.0
40°	31089.8	24603.1	11895.1	9705.2	8112.5	7349.4	6818.5	6420.4	6038.8	5657.2	5640.6
42.5°	31736.8	24569.9	11778.9	9672.0	7896.9	7017.6	6519.9	5989.0	5474.7	5126.3	5093.1
45°	32085.2	24354.2	11331.0	9390.0	7548.5	6669.2	6138.3	5574.3	5060.0	4744.8	4678.4
47.5°	32018.8	23823.3	10717.2	8693.2	7084.0	6287.6	5756.7	5176.1	4761.3	4578.9	4578.9
50°	32201.3	23408.6	10020.4	7896.9	6453.5	5839.7	5408.4	4877.5	4628.6	4396.4	4313.4
52.5°	33014.2	23757.0	9423.2	7150.3	5856.3	5408.4	5109.7	4661.8	4346.6	4197.3	4147.5
55°	34092.6	24503.5	8859.1	6486.7	5275.6	5026.8	4877.5	4462.7	4097.7	3948.4	3865.5
57.5°	34291.6	25017.8	8311.6	5839.7	4794.5	4728.2	4678.4	4114.3	3815.7	3699.6	3633.2
60°	32914.7	24636.2	7598.2	5259.0	4413.0	4446.1	4313.4	3898.7	3550.3	3434.1	3367.8
62.5°	30575.5	23640.8	6884.9	4761.3	4114.3	4180.7	4048.0	3633.2	3284.8	3168.7	3135.5
63°	30111.0	23375.4	6719.0	4711.6	4048.0	4130.9	4014.8	3600.0	3251.7	3135.5	3085.8
65°	27340.4	21782.7	6138.3	4446.1	3832.3	3832.3	3848.9	3434.1	3135.5	3085.8	3052.6
67.5°	22297.0	18182.7	5507.9	4130.9	3600.0	3649.8	3732.8	3500.5	3384.4	3351.2	3318.0
70°	16855.5	13686.8	4960.4	3832.3	3351.2	3517.1	4081.2	3981.6	3550.3	3251.7	3185.3
72.5°	11944.8	9323.6	4479.3	3533.7	3052.6	3467.3	4230.5	3799.1	3201.9	2853.5	2787.1
75°	7996.4	6005.6	3998.2	3218.5	2720.8	3201.9	3998.2	3467.3	2787.1	2704.2	2604.6
77.5°	5026.8	4280.2	3517.1	2853.5	2355.8	2853.5	3633.2	3085.8	2405.6	2438.7	2289.4
80°	3069.2	3052.6	2953.0	2422.1	1891.3	2272.8	3052.6	2604.6	1924.4	1924.4	1708.8
82.5°	1824.9	2206.5	2505.1	2007.4	1377.0	1625.8	2206.5	1957.6	1609.2	1559.5	1459.9
85°	1227.7	1493.1	1990.8	1542.9	879.3	995.4	1526.3	1642.4	1476.5	1294.0	1211.1
87.5°	447.9	597.2	912.5	630.4	381.6	597.2	1144.7	1194.5	895.9	696.8	630.4
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: SP1-2407-184-3

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)