

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: P1458165

Luminaire Tested: GLAN-SB9C-727-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458165  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9C-727-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 9xLight Square  
PACKAGE 70CRI 2700K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (234) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

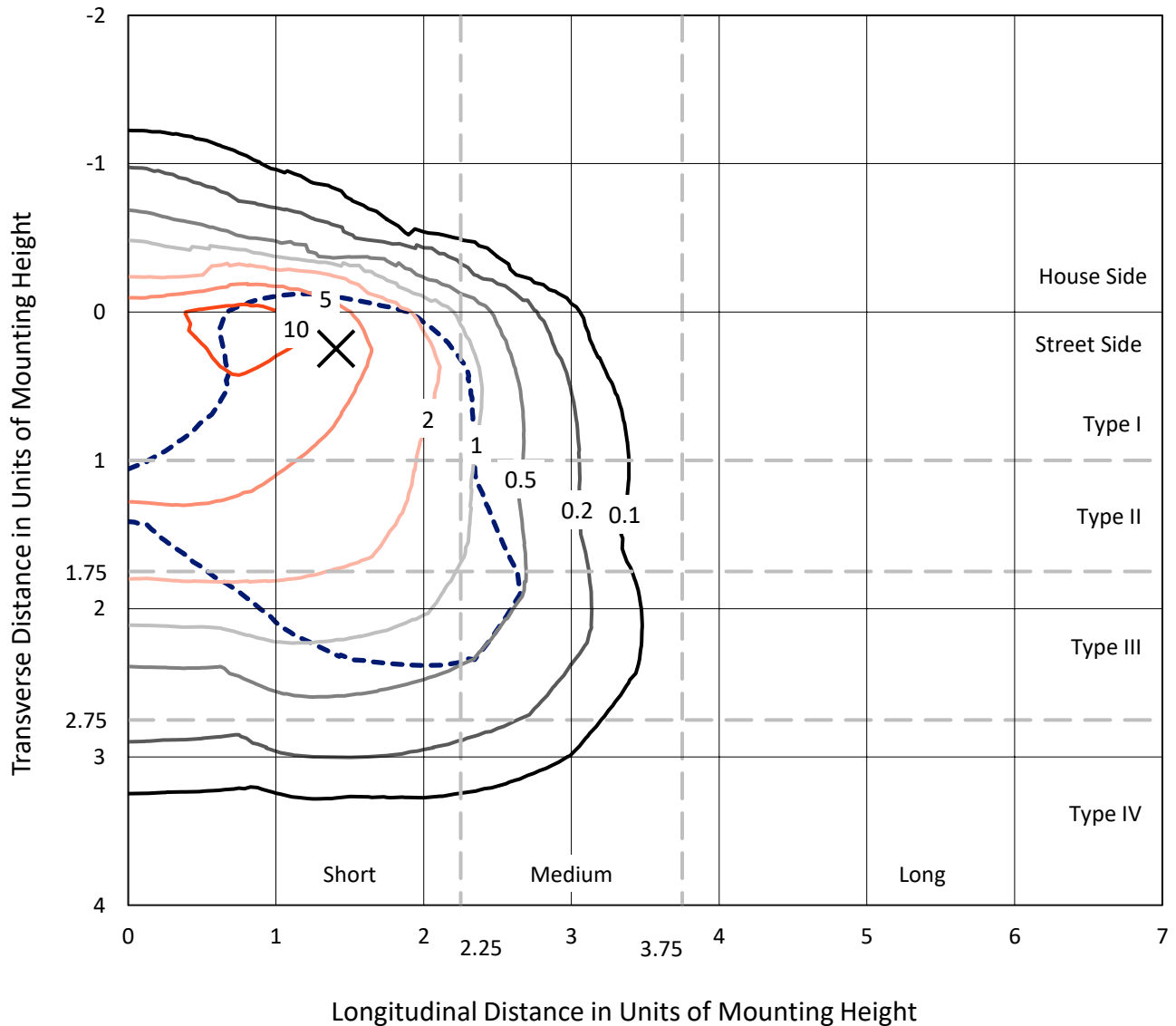
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 48374.2 lumens  
Efficiency: N/A  
Efficacy: 107.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 449.8  
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

REPORT NUMBER: P1458165  
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### Iso-Footcandle Lines of Horizontal Illumination

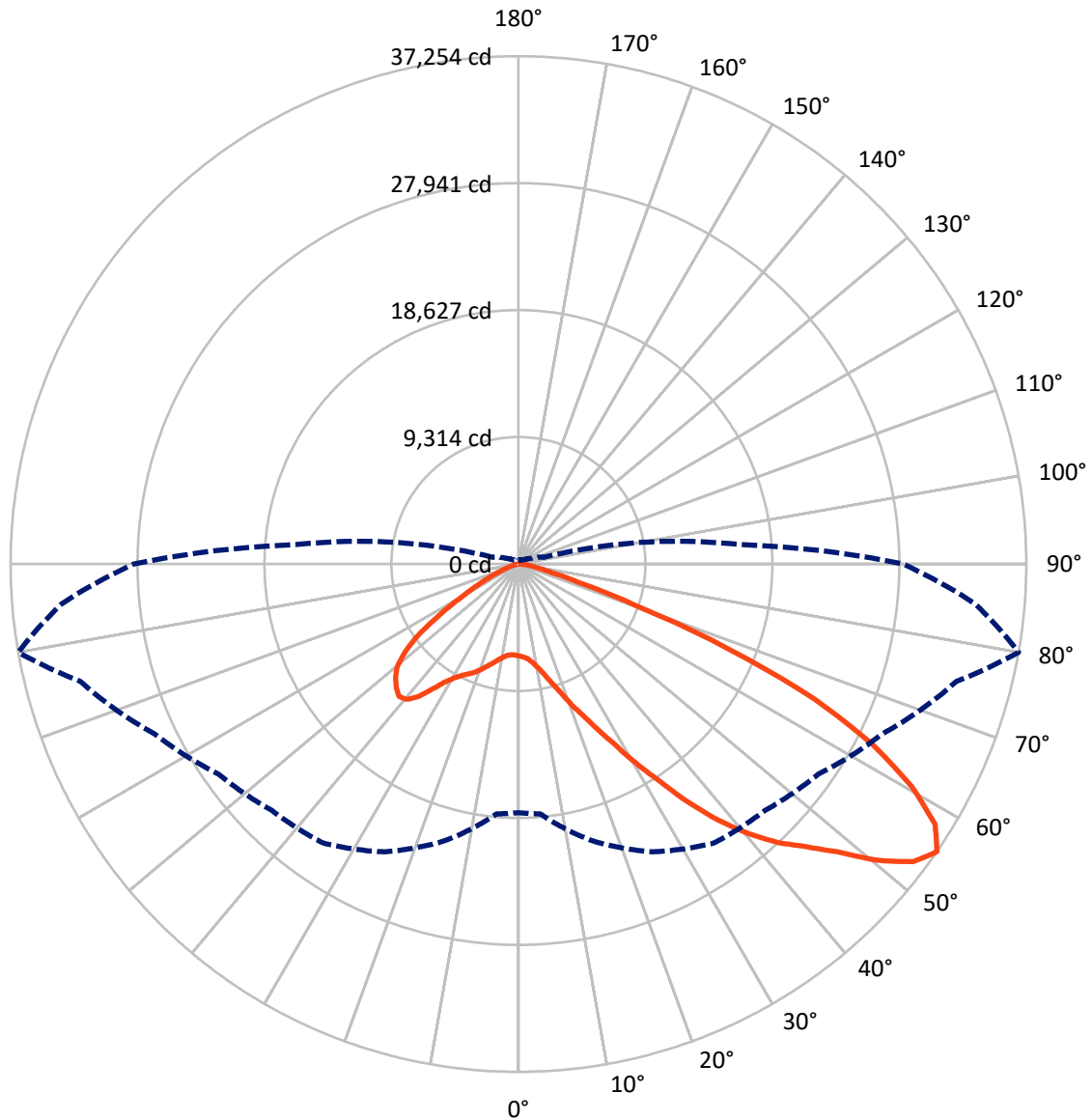
✕ Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 13.3 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5880.4	0.0	5880.4
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	42493.8	0.0	42493.8
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	48374.2	0.0	48374.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	565.5	1.2
10°-20°	1490.9	3.1
20°-30°	2918.6	6.0
30°-40°	5937.8	12.3
40°-50°	10010.2	20.7
50°-60°	12790.0	26.4
60°-70°	10919.7	22.6
70°-80°	3489.5	7.2
80°-90°	252.0	0.5
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°	48374.2	100.0
0°-180°	48374.2	100.0



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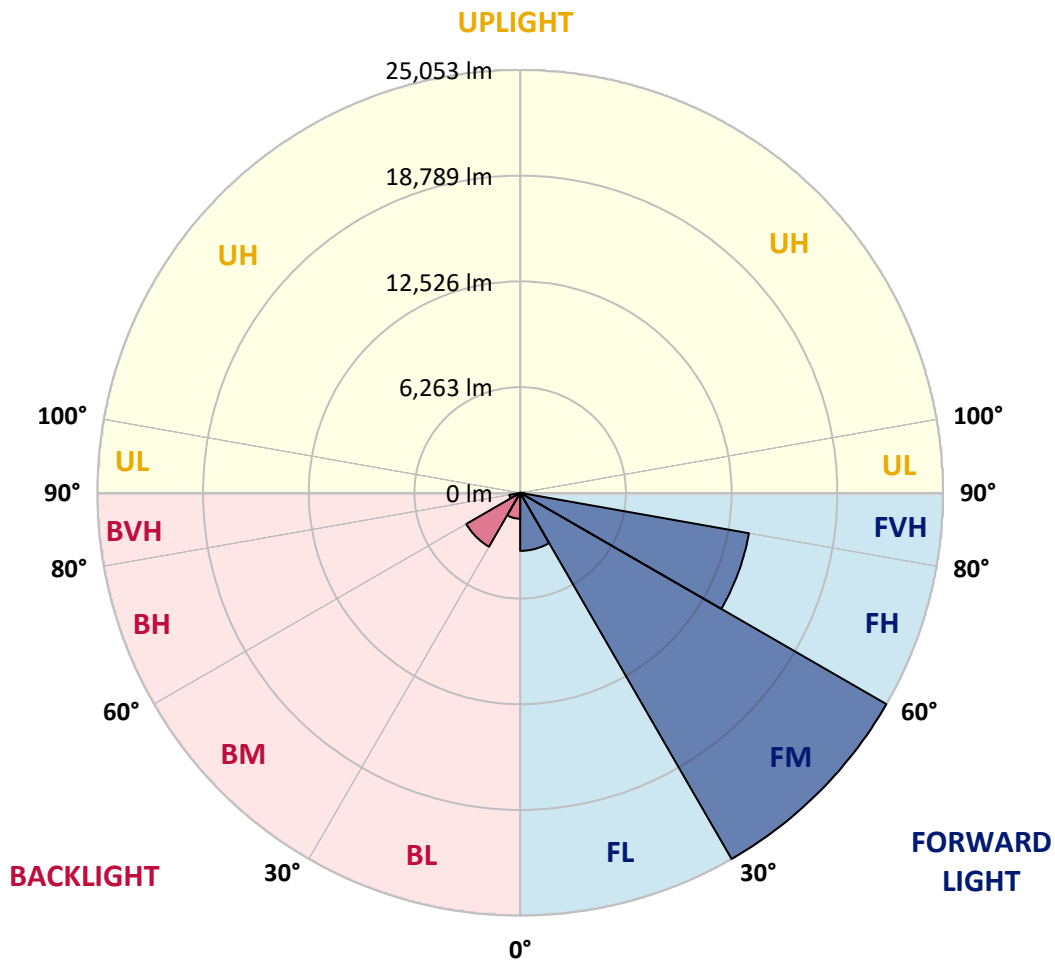
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3439.5	7.1			
FM	(30°-60°)	25052.6	51.8			
FH	(60°-80°)	13762.9	28.5			G5
FVH	(80°-90°)	238.8	0.5			G3/500
BL	(0°-30°)	1535.5	3.2	B3/2500		
BM	(30°-60°)	3685.4	7.6	B3/5000		
BH	(60°-80°)	646.3	1.3	B2/1000		G2/1000
BVH	(80°-90°)	13.1	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5
2.5°	6779.7	6793.5	6779.7	6793.5	6821.0	6807.2	6862.2	6848.5	6848.5	6834.7	6779.7
5°	6394.7	6408.4	6435.9	6504.7	6600.9	6697.2	6821.0	6903.5	6986.0	6972.2	6917.2
7.5°	5638.3	5665.8	5775.8	5913.3	6229.6	6518.4	6834.7	7041.0	7219.8	7274.8	7233.5
10°	5212.0	5239.5	5308.3	5445.8	5734.6	6215.9	6834.7	7261.0	7577.3	7687.3	7701.1
12.5°	5170.7	5184.5	5239.5	5390.8	5638.3	6050.9	6821.0	7549.8	8086.1	8251.2	8306.2
15°	5198.2	5225.7	5280.7	5404.5	5693.3	6160.9	6931.0	8003.6	8760.0	8993.8	9007.5
17.5°	5308.3	5335.8	5404.5	5542.0	5858.3	6449.7	7274.8	8471.2	9571.4	9832.6	9983.9
20°	5528.3	5542.0	5624.5	5803.3	6160.9	6807.2	7783.6	9103.8	10547.7	10932.8	11042.8
22.5°	5817.1	5858.3	5968.3	6188.4	6642.2	7302.3	8485.0	9873.9	11620.4	12019.2	12211.7
25°	6133.4	6188.4	6353.4	6710.9	7288.5	8058.6	9351.3	10891.5	12885.6	13366.9	13628.2
27.5°	6779.7	6793.5	6903.5	7357.3	8099.9	9048.8	10451.5	12198.0	14370.8	14934.6	15223.4
30°	8196.2	8209.9	8113.6	8237.4	8993.8	10217.7	11744.2	13724.4	16103.5	16887.4	17121.2
32.5°	9928.9	9997.7	9983.9	9901.4	10245.2	11386.6	13284.4	15553.5	18138.8	18963.9	19184.0
35°	11895.4	12060.5	12019.2	11991.7	12033.0	12885.6	15044.6	17575.0	20449.1	21453.0	21631.8
37.5°	13820.7	13862.0	14054.5	14288.3	14315.8	14907.1	17079.9	19720.3	22594.4	23873.4	24148.4
40°	15305.9	15443.4	15924.8	16392.3	16873.6	17341.2	18757.7	21453.0	24299.7	26018.7	26142.4
42.5°	16461.1	16791.1	17492.5	18221.3	19197.7	19720.3	20352.9	22677.0	25688.6	27930.2	27875.2
45°	17863.8	18001.3	18991.4	19954.1	20944.2	21741.8	21728.1	23708.4	26775.0	29566.7	29222.9
47.5°	18812.7	18977.7	20325.4	21453.0	22470.7	22869.5	22952.0	24822.3	28274.0	31547.0	30735.6
50°	19321.5	19610.3	21081.7	22511.9	23612.1	23735.9	24107.2	26280.0	30240.5	34173.6	32647.1
52.5°	19376.5	19651.5	21343.0	23185.8	24382.2	24629.7	25262.3	27930.2	32152.0	36277.6	33747.3
55°	18235.1	18400.1	21026.7	23295.8	24987.3	25564.9	26857.5	29456.7	33266.0	37254.0	33651.0
57.5°	17162.4	17327.5	19610.3	23103.3	25606.1	26788.8	28562.8	30501.8	32399.6	36043.8	31505.7
60°	16241.0	16323.6	18400.1	22209.4	25839.9	27985.2	30034.2	29470.4	30158.0	33142.2	27833.9
62.5°	14508.3	14563.3	17024.9	20600.4	25372.3	28906.6	30543.1	27283.9	27696.4	29140.4	23515.8
65°	10960.3	11166.6	13421.9	19390.2	24602.2	29332.9	29360.4	24616.0	24189.7	23845.9	18496.4
67.5°	7439.8	7673.6	9035.0	17437.5	23350.8	29511.7	27063.8	21164.2	18427.6	16653.6	12115.5
70°	5940.8	5940.8	6408.4	14013.2	20380.4	27228.9	24217.2	15979.8	11702.9	9200.1	6490.9
72.5°	3905.6	3919.3	4359.4	8897.5	14453.3	20765.4	19747.8	9241.3	6078.4	4689.4	3204.2
75°	1416.5	1416.5	1911.5	3561.8	7646.1	12363.0	12033.0	4414.4	3300.5	2557.9	1939.0
77.5°	756.4	783.9	921.4	1471.5	2929.2	5033.2	4703.2	2255.3	1870.3	1595.2	1210.2
80°	508.8	522.6	618.8	907.6	1416.5	1939.0	1512.7	1265.2	1265.2	1072.7	811.4
82.5°	275.0	288.8	412.6	591.3	756.4	907.6	728.9	742.6	893.9	728.9	467.6
85°	192.5	192.5	316.3	426.3	426.3	440.1	316.3	467.6	522.6	453.8	316.3
87.5°	110.0	110.0	178.8	206.3	206.3	192.5	96.3	165.0	206.3	233.8	137.5
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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CATALOG NUMBER: GLAN-SB9C-727-U-T3LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5	6738.5
2.5°	6766.0	6724.7	6642.2	6477.2	6394.7	6284.6	6188.4	6064.6	6037.1	6023.4	5968.3
5°	6876.0	6793.5	6545.9	6188.4	5885.8	5597.0	5308.3	5143.2	5005.7	4936.9	4923.2
7.5°	7151.0	6986.0	6532.2	5899.6	5335.8	4840.7	4414.4	4043.1	3850.5	3685.5	3699.3
10°	7563.6	7302.3	6559.7	5624.5	4785.7	3988.1	3369.2	2832.9	2447.8	2269.1	2255.3
12.5°	8113.6	7742.3	6655.9	5349.5	4111.8	2997.9	2214.1	1897.8	1815.3	1801.5	1787.8
15°	8787.5	8264.9	6752.2	4992.0	3204.2	2076.5	1801.5	1732.7	1719.0	1705.2	1705.2
17.5°	9598.9	8870.0	6807.2	4386.9	2337.8	1787.8	1691.5	1650.2	1636.5	1622.7	1622.7
20°	10616.5	9543.9	6876.0	3616.8	1980.3	1719.0	1609.0	1554.0	1540.2	1540.2	1526.5
22.5°	11620.4	10300.2	6821.0	2942.9	1911.5	1636.5	1512.7	1457.7	1430.2	1430.2	1416.5
25°	12775.6	11070.3	6655.9	2654.1	1897.8	1567.7	1416.5	1333.9	1292.7	1278.9	1278.9
27.5°	14095.7	11950.4	6394.7	2667.9	1897.8	1512.7	1292.7	1182.7	1155.2	1127.7	1127.7
30°	15608.5	13023.1	6202.1	2846.7	1925.3	1457.7	1182.7	1045.1	1003.9	976.4	990.1
32.5°	17341.2	14219.5	6188.4	3135.4	1966.5	1375.2	1058.9	907.6	866.4	852.6	866.4
35°	19307.7	15704.7	6504.7	3355.5	1856.5	1196.4	907.6	783.9	742.6	742.6	756.4
37.5°	21494.3	17410.0	6931.0	3300.5	1499.0	948.9	783.9	687.6	646.3	660.1	673.8
40°	23488.3	18743.9	6999.7	2819.1	1127.7	811.4	673.8	605.1	577.6	591.3	605.1
42.5°	25001.0	19816.6	6339.6	2186.6	948.9	687.6	577.6	522.6	508.8	536.3	536.3
45°	26225.0	20242.9	5294.5	1622.7	838.9	591.3	508.8	481.3	453.8	467.6	467.6
47.5°	27503.9	20311.6	4318.1	1306.4	742.6	536.3	467.6	440.1	412.6	412.6	412.6
50°	28741.6	20146.6	3300.5	1155.2	687.6	481.3	426.3	398.8	371.3	357.6	357.6
52.5°	29044.1	18826.4	2420.3	1072.7	632.6	453.8	398.8	371.3	343.8	330.0	330.0
55°	28205.2	16323.6	1897.8	962.6	577.6	412.6	371.3	343.8	302.5	288.8	288.8
57.5°	25441.1	12445.5	1512.7	825.1	522.6	398.8	343.8	316.3	275.0	261.3	261.3
60°	21851.8	8828.7	1223.9	673.8	481.3	357.6	316.3	275.0	247.5	220.0	220.0
62.5°	17877.5	6339.6	990.1	563.8	453.8	316.3	288.8	247.5	192.5	151.3	151.3
65°	13710.7	4551.9	770.1	453.8	412.6	275.0	247.5	206.3	151.3	110.0	110.0
67.5°	8870.0	2942.9	577.6	398.8	316.3	233.8	192.5	165.0	137.5	96.3	82.5
70°	4675.7	1719.0	426.3	343.8	233.8	178.8	165.0	137.5	110.0	68.8	68.8
72.5°	2420.3	1127.7	316.3	302.5	178.8	123.8	137.5	110.0	82.5	41.3	41.3
75°	1554.0	756.4	233.8	247.5	110.0	96.3	96.3	68.8	41.3	27.5	13.8
77.5°	1003.9	508.8	165.0	206.3	68.8	55.0	55.0	27.5	13.8	0.0	0.0
80°	591.3	316.3	110.0	137.5	27.5	27.5	13.8	0.0	0.0	0.0	0.0
82.5°	302.5	165.0	55.0	55.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	192.5	82.5	13.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	96.3	27.5	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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			

REPORT NUMBER: SP1-2407-184-3

**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**

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

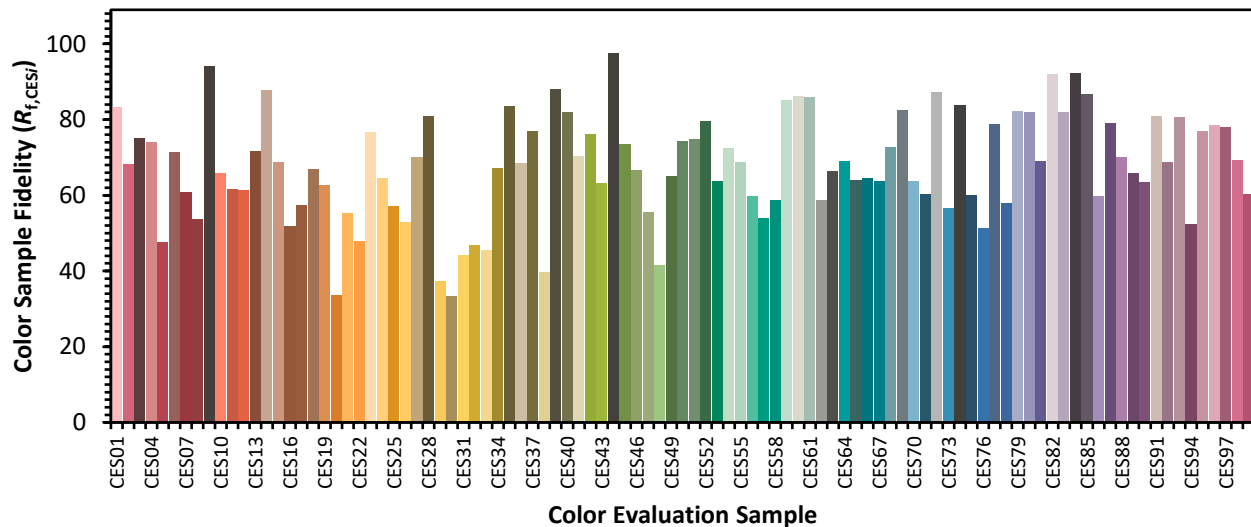


**Color Vector Graphics**



**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)