

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: P1458726

Luminaire Tested: GLAN-SB5D-727-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458726  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5D-727-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (130) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

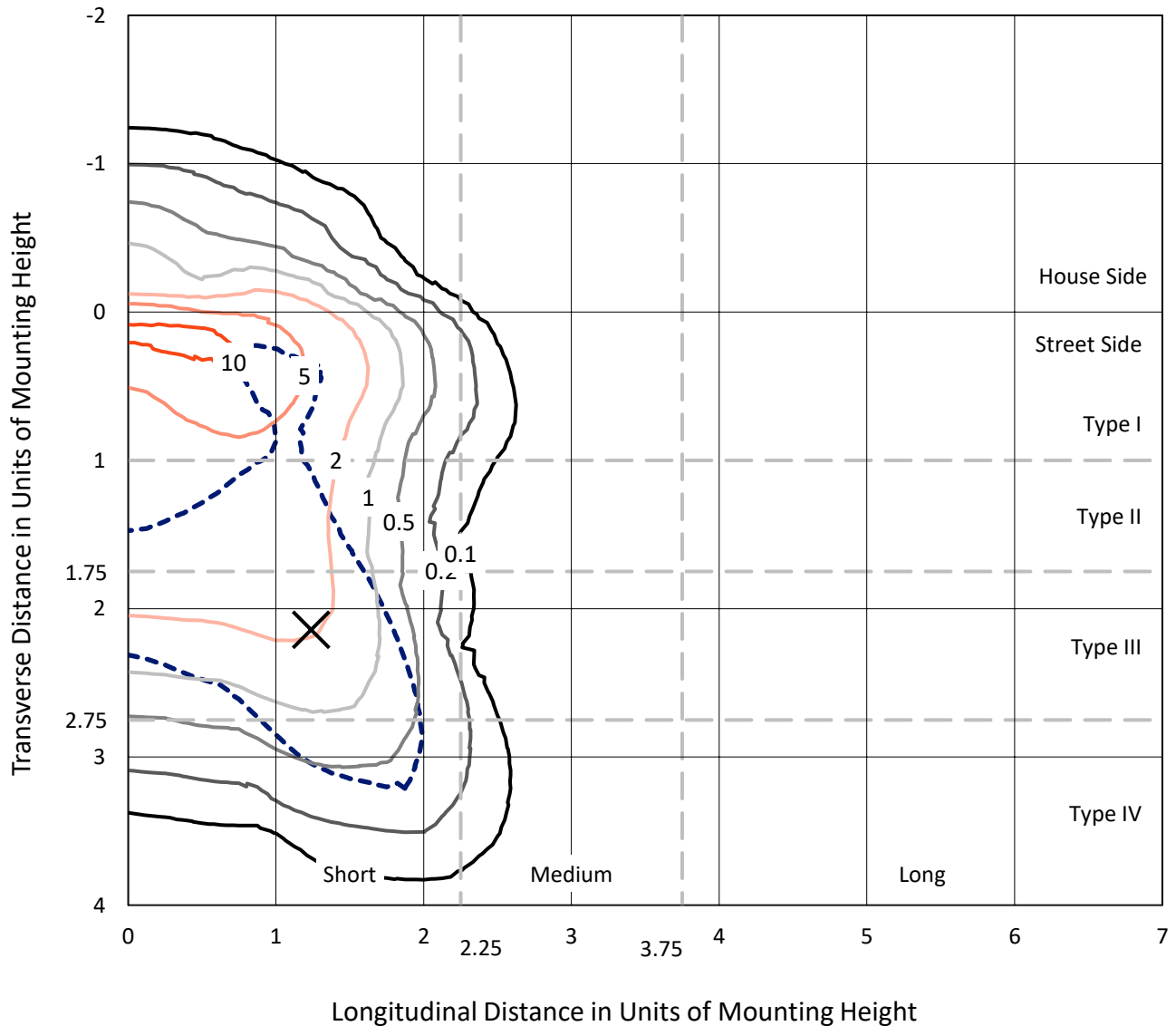
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34584.4 lumens  
Efficiency: N/A  
Efficacy: 94.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4  
  
Input Watts (W): 364.9  
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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### Iso-Footcandle Lines of Horizontal Illumination

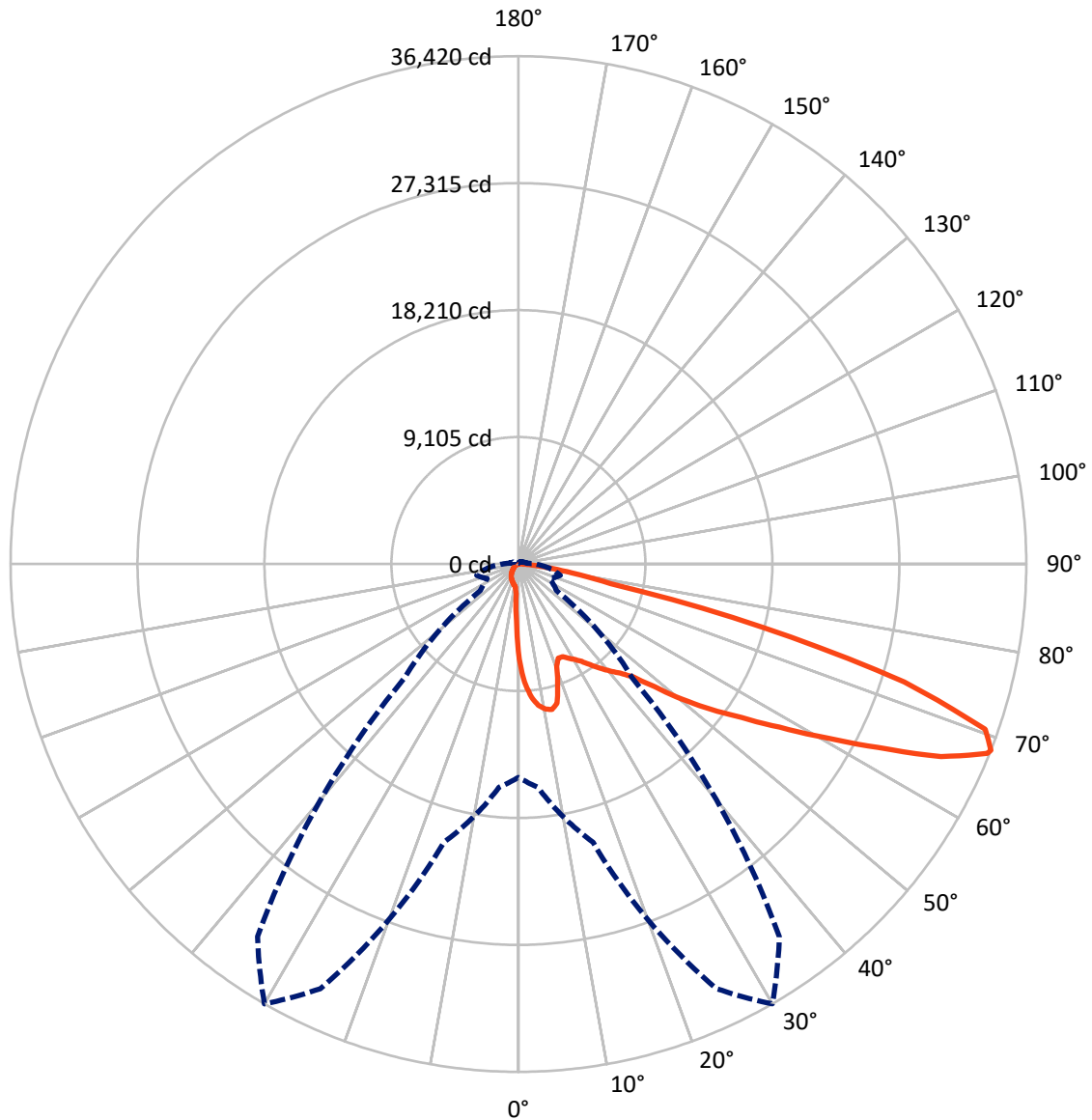
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 11.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral    - - - Horizontal Cone Through 68-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2639.7	0.0	2639.7
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	31944.8	0.0	31944.8
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	34584.4	0.0	34584.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	588.4	1.7
10°-20°	1680.0	4.9
20°-30°	2640.1	7.6
30°-40°	4140.7	12.0
40°-50°	6189.2	17.9
50°-60°	8233.6	23.8
60°-70°	7959.4	23.0
70°-80°	2861.1	8.3
80°-90°	292.0	0.8
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°	34584.4	100.0
0°-180°	34584.4	100.0

**Coefficient of Utilization**



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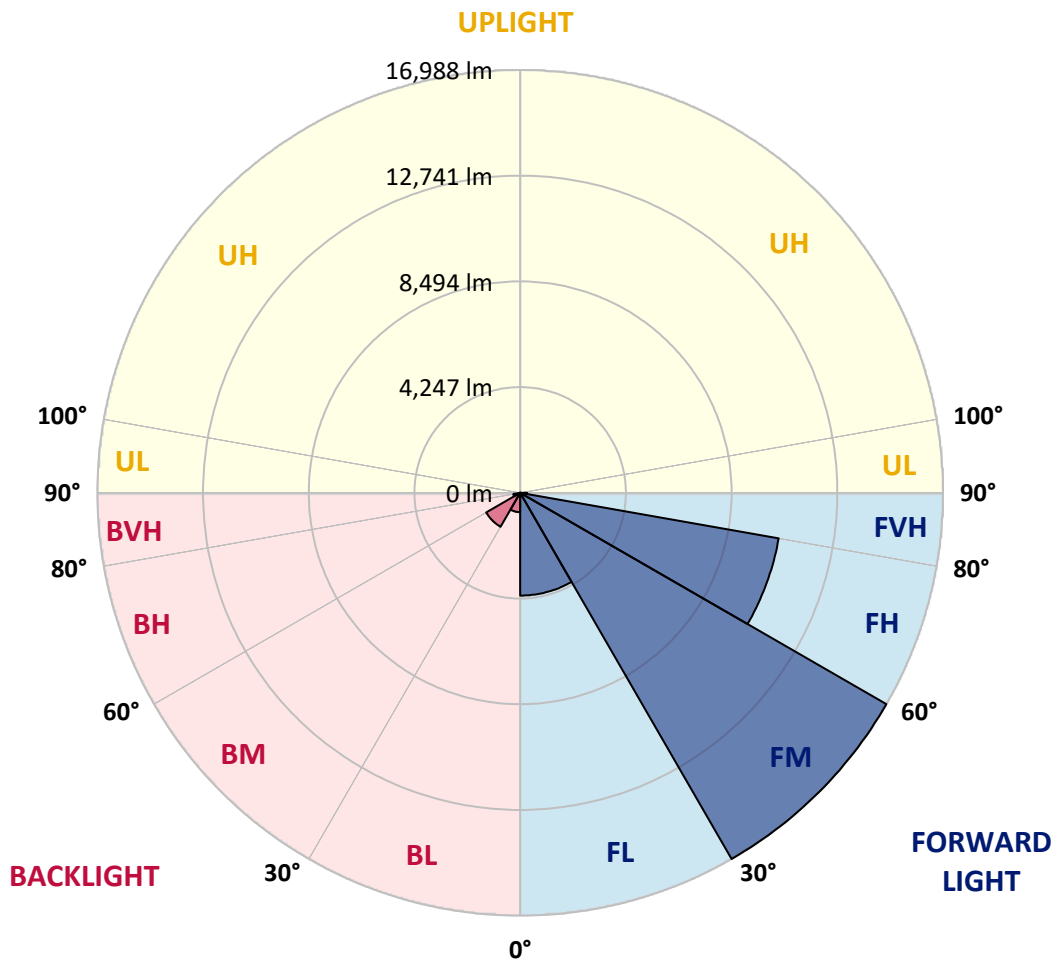
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4129.4	11.9			
FM	(30°-60°)	16987.9	49.1			
FH	(60°-80°)	10545.9	30.5			G4/12000
FVH	(80°-90°)	281.6	0.8			G3/500
BL	(0°-30°)	779.1	2.3	B2/1000		
BM	(30°-60°)	1575.6	4.6	B2/2500		
BH	(60°-80°)	274.5	0.8	B1/500		G1/500
BVH	(80°-90°)	10.4	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6
2.5°	8716.3	8716.3	8654.1	8571.2	8477.9	8446.8	8270.6	8021.9	7762.8	7462.2	7026.9
5°	9835.6	9825.3	9700.9	9700.9	9576.5	9462.5	9286.3	8923.6	8509.0	7970.1	7213.5
7.5°	10333.1	10353.8	10302.0	10302.0	10229.5	10146.6	10042.9	9690.5	9203.4	8477.9	7400.0
10°	10509.3	10519.7	10519.7	10592.2	10571.5	10561.1	10550.8	10353.8	9846.0	8996.1	7597.0
12.5°	10084.4	10136.2	10281.3	10602.6	10706.2	10820.2	10975.7	10913.5	10561.1	9649.1	7897.5
15°	8716.3	8726.7	9130.9	9928.9	10353.8	10789.1	11390.3	11514.6	11286.6	10353.8	8208.4
17.5°	7192.8	7223.8	7545.1	8436.5	9120.5	10125.8	11628.6	12136.5	12053.6	11048.2	8498.6
20°	6560.5	6602.0	6757.5	7317.1	7835.3	8768.1	11390.3	12727.2	12758.3	11742.6	8768.1
22.5°	6415.4	6446.5	6570.9	7006.2	7327.5	7949.3	10581.8	13193.6	13556.4	12540.7	9089.4
25°	6374.0	6405.1	6591.6	7068.4	7368.9	7887.2	9846.0	13442.4	14499.5	13369.8	9400.3
27.5°	6342.9	6384.3	6684.9	7296.4	7648.8	8146.3	9711.3	13494.2	15401.2	14250.8	9908.2
30°	6384.3	6446.5	6840.4	7534.8	7939.0	8498.6	10032.5	13546.0	16396.2	15256.1	10550.8
32.5°	6550.2	6602.0	7078.7	7856.1	8322.5	8954.7	10581.8	13856.9	17339.3	16282.2	11162.2
35°	6736.7	6809.3	7379.3	8312.1	8871.8	9586.9	11328.1	14468.4	18241.0	17256.4	11794.5
37.5°	6964.7	7047.7	7731.7	8830.3	9472.9	10281.3	12136.5	15318.3	19039.0	18054.4	12426.7
40°	7275.7	7368.9	8135.9	9379.6	10074.0	10882.4	12934.5	16157.8	19650.5	18531.2	12841.2
42.5°	8498.6	8623.0	8944.3	9918.5	10695.9	11525.0	13722.2	16955.8	19878.5	18686.6	12924.2
45°	10778.8	10903.1	10820.2	11006.8	11525.0	12302.3	14582.4	17722.8	19909.6	18645.2	12882.7
47.5°	13069.3	13214.4	13141.8	13038.2	13152.2	13525.3	15546.3	18209.9	19743.8	18624.5	12882.7
50°	15256.1	15173.2	15183.6	15152.5	15256.1	15453.0	16479.1	18303.2	19702.3	18821.4	12996.7
52.5°	16427.3	16468.7	16727.8	17111.3	17339.3	17536.2	17546.6	18448.3	19401.8	18489.7	12862.0
55°	17577.7	17660.6	18261.7	18914.7	19422.5	19795.6	18614.1	18355.0	17608.8	17380.8	12157.2
57.5°	18873.2	18987.2	19837.1	21184.4	22075.7	22272.7	19671.2	16613.8	14903.7	15795.0	10789.1
60°	20655.8	20790.6	21920.3	23941.3	25267.9	24863.7	19754.2	13846.6	11835.9	13110.7	8902.8
62.5°	22055.0	22324.5	24366.2	27516.9	28978.3	27693.1	18209.9	10612.9	8270.6	9213.8	6498.4
65°	20562.6	21080.8	24407.7	31610.8	33300.2	31020.0	15784.7	7244.6	4663.9	5959.4	4156.0
67.5°	16624.2	17349.7	21671.5	33600.7	36264.3	32771.6	12426.7	3845.1	2674.0	3461.6	2186.8
68°	15297.6	16085.2	20666.2	33600.7	36419.8	32616.1	11535.4	3326.9	2466.7	3109.3	1896.6
70°	10571.5	11131.1	15888.3	31714.4	35507.7	29734.9	7597.0	1907.0	1855.2	2135.0	1254.1
72.5°	5182.1	5783.2	8498.6	25133.2	28926.5	22853.1	3461.6	1264.4	1409.5	1565.0	984.6
75°	2062.5	2186.8	3347.6	12395.6	18075.2	14582.4	1813.7	953.5	1212.6	1223.0	777.3
77.5°	1181.5	1254.1	1855.2	4560.2	6778.2	6519.1	1171.2	684.0	963.9	881.0	507.8
80°	663.3	673.7	1046.8	2404.5	3876.2	3472.0	798.0	497.5	735.9	621.9	342.0
82.5°	331.7	373.1	663.3	1326.6	2155.8	2207.6	424.9	352.4	590.8	445.7	279.8
85°	238.4	259.1	476.8	735.9	995.0	1492.4	259.1	176.2	445.7	300.6	196.9
87.5°	124.4	155.5	300.6	362.7	404.2	507.8	124.4	82.9	248.7	176.2	103.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1458726

CATALOG NUMBER: GLAN-SB5D-727-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6	6819.6
2.5°	6819.6	6581.3	6094.1	5524.1	5078.5	4622.4	4249.3	3896.9	3731.1	3710.4	3751.8
5°	6788.5	6270.3	5161.4	4073.1	3181.8	2560.0	2217.9	2041.7	1948.5	1907.0	1917.4
7.5°	6726.4	5938.7	4166.4	2756.9	2062.5	1793.0	1710.1	1679.0	1668.6	1668.6	1668.6
10°	6664.2	5493.0	3192.2	2021.0	1689.4	1616.8	1596.1	1596.1	1585.7	1585.7	1596.1
12.5°	6633.1	5078.5	2477.0	1689.4	1575.4	1544.3	1523.5	1513.2	1513.2	1513.2	1523.5
15°	6560.5	4622.4	2000.3	1565.0	1502.8	1461.4	1451.0	1440.6	1440.6	1440.6	1440.6
17.5°	6498.4	4176.8	1741.2	1482.1	1430.3	1388.8	1378.4	1368.1	1368.1	1378.4	1378.4
20°	6405.1	3751.8	1565.0	1399.2	1357.7	1316.3	1305.9	1295.5	1305.9	1305.9	1305.9
22.5°	6291.1	3399.5	1461.4	1337.0	1285.2	1243.7	1243.7	1243.7	1243.7	1243.7	1254.1
25°	6218.5	3150.7	1388.8	1264.4	1212.6	1181.5	1171.2	1171.2	1191.9	1191.9	1202.2
27.5°	6332.5	3088.5	1399.2	1243.7	1150.4	1119.3	1109.0	1109.0	1129.7	1140.1	1150.4
30°	6674.5	3202.5	1523.5	1305.9	1109.0	1057.1	1046.8	1046.8	1077.9	1088.2	1098.6
32.5°	7068.4	3440.9	1710.1	1388.8	1077.9	995.0	974.2	974.2	1005.3	1015.7	1026.1
35°	7607.3	3814.0	1958.8	1461.4	1098.6	932.8	891.3	891.3	912.0	932.8	943.1
37.5°	8301.7	4425.5	2249.0	1513.2	1098.6	860.2	808.4	798.0	818.8	818.8	829.1
40°	9027.2	5223.6	2549.6	1513.2	1046.8	787.7	735.9	704.8	715.1	704.8	715.1
42.5°	9431.4	5866.1	2808.7	1419.9	984.6	715.1	663.3	621.9	611.5	590.8	601.1
45°	9659.4	6156.3	2736.1	1316.3	922.4	663.3	601.1	549.3	528.6	497.5	497.5
47.5°	9659.4	6187.4	2342.3	1233.3	860.2	621.9	538.9	487.1	456.0	424.9	435.3
50°	9545.4	5907.6	1855.2	1150.4	787.7	580.4	487.1	445.7	404.2	383.5	383.5
52.5°	9068.7	4995.5	1419.9	1046.8	704.8	528.6	435.3	393.8	352.4	342.0	342.0
55°	8249.9	3668.9	1150.4	943.1	632.2	487.1	393.8	362.7	321.3	300.6	300.6
57.5°	6705.6	2508.1	953.5	849.9	559.7	435.3	352.4	321.3	269.5	248.7	248.7
60°	4974.8	1637.5	808.4	746.2	476.8	393.8	310.9	269.5	228.0	207.3	196.9
62.5°	3358.0	1109.0	673.7	590.8	404.2	342.0	269.5	228.0	176.2	134.7	134.7
65°	2093.6	860.2	559.7	466.4	352.4	300.6	228.0	176.2	124.4	93.3	82.9
67.5°	1202.2	694.4	456.0	362.7	300.6	238.4	176.2	145.1	103.6	72.5	62.2
68°	1109.0	663.3	424.9	342.0	279.8	228.0	165.8	134.7	93.3	62.2	62.2
70°	901.7	590.8	362.7	279.8	238.4	186.6	145.1	114.0	72.5	41.5	41.5
72.5°	798.0	497.5	310.9	217.6	165.8	155.5	114.0	82.9	51.8	31.1	20.7
75°	652.9	393.8	248.7	165.8	114.0	114.0	82.9	51.8	20.7	0.0	0.0
77.5°	424.9	290.2	196.9	103.6	62.2	72.5	51.8	20.7	0.0	0.0	0.0
80°	279.8	217.6	134.7	51.8	31.1	31.1	10.4	0.0	0.0	0.0	0.0
82.5°	196.9	145.1	82.9	20.7	10.4	10.4	0.0	0.0	0.0	0.0	0.0
85°	124.4	62.2	31.1	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	51.8	20.7	10.4	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

REPORT NUMBER: SP1-2407-184-3

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)