

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: P1457586

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

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457586  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8D-727-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (208) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

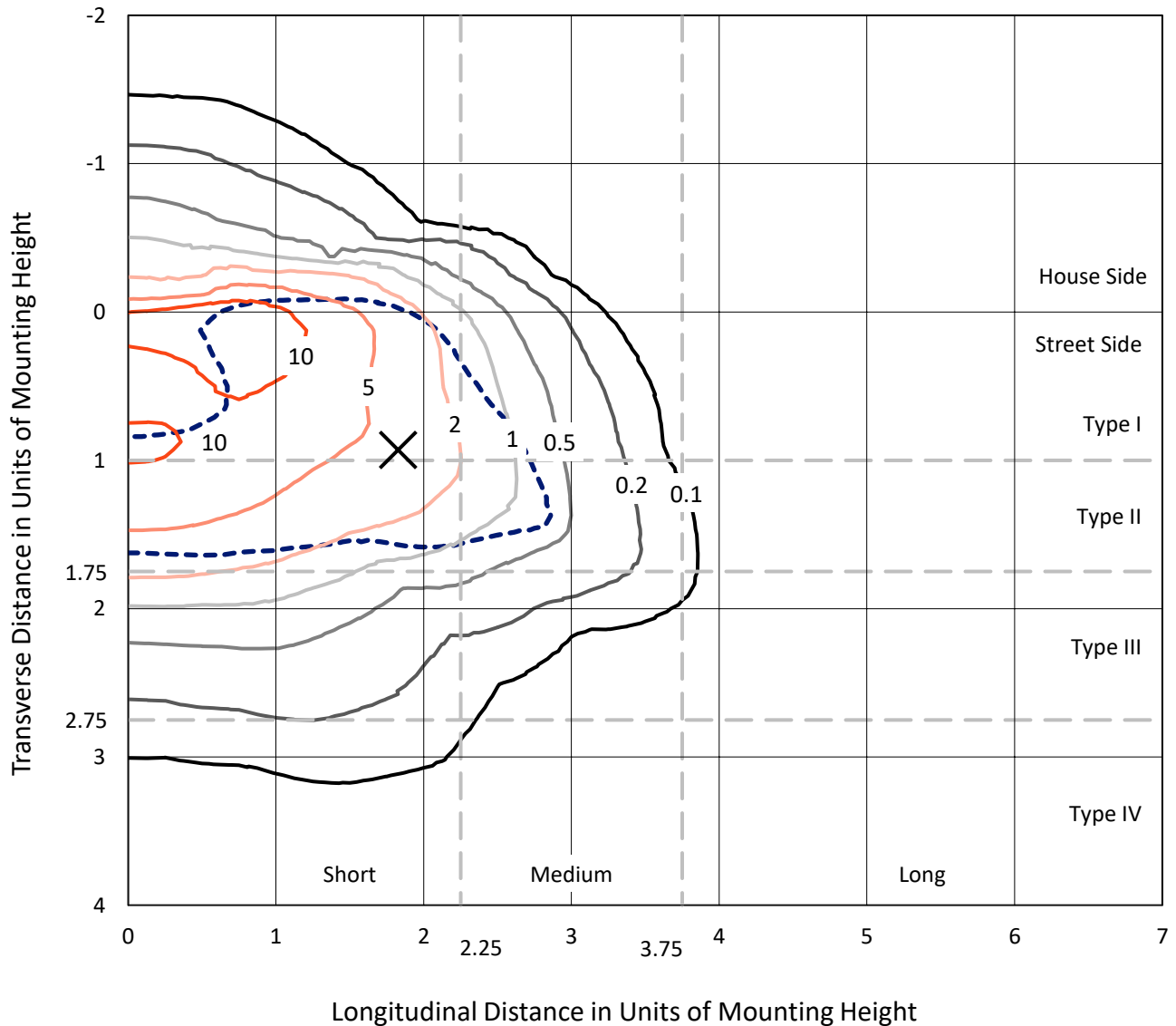
Lumens per Lamp: N/A  
Luminaire Lumens: 55302.3 lumens  
Efficiency: N/A  
Efficacy: 94.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G5

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

REPORT NUMBER: P1457586  
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### Iso-Footcandle Lines of Horizontal Illumination

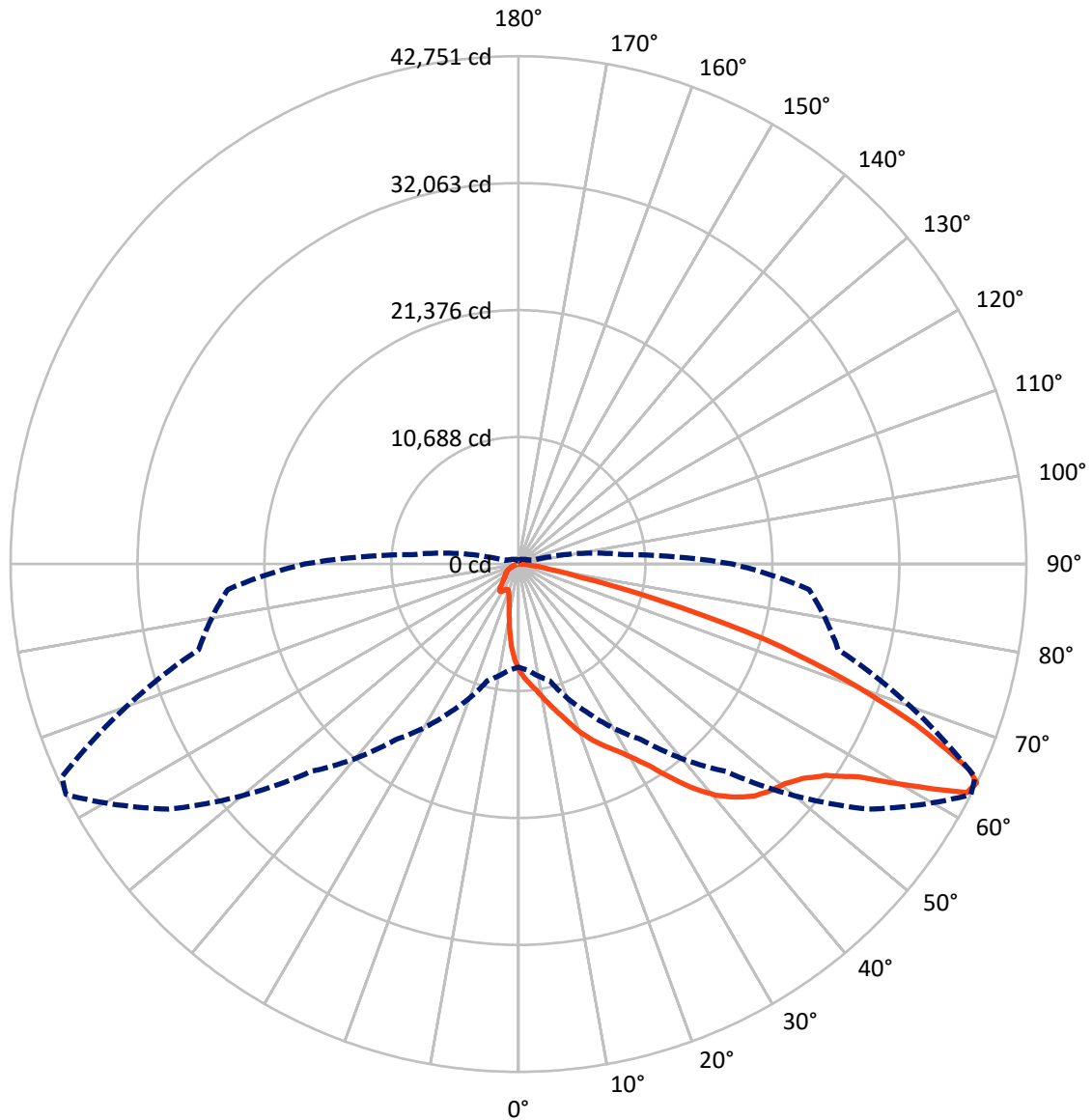
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 17.6 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 63-Deg Lateral    - - - Horizontal Cone Through 64-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6562.6	0.0	6562.6
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	48739.7	0.0	48739.7
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	55302.3	0.0	55302.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	753.0	1.4
10°-20°	2116.0	3.8
20°-30°	3768.6	6.8
30°-40°	7198.0	13.0
40°-50°	11931.2	21.6
50°-60°	14872.2	26.9
60°-70°	11089.7	20.1
70°-80°	3180.5	5.8
80°-90°	393.3	0.7
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°	55302.3	100.0
0°-180°	55302.3	100.0



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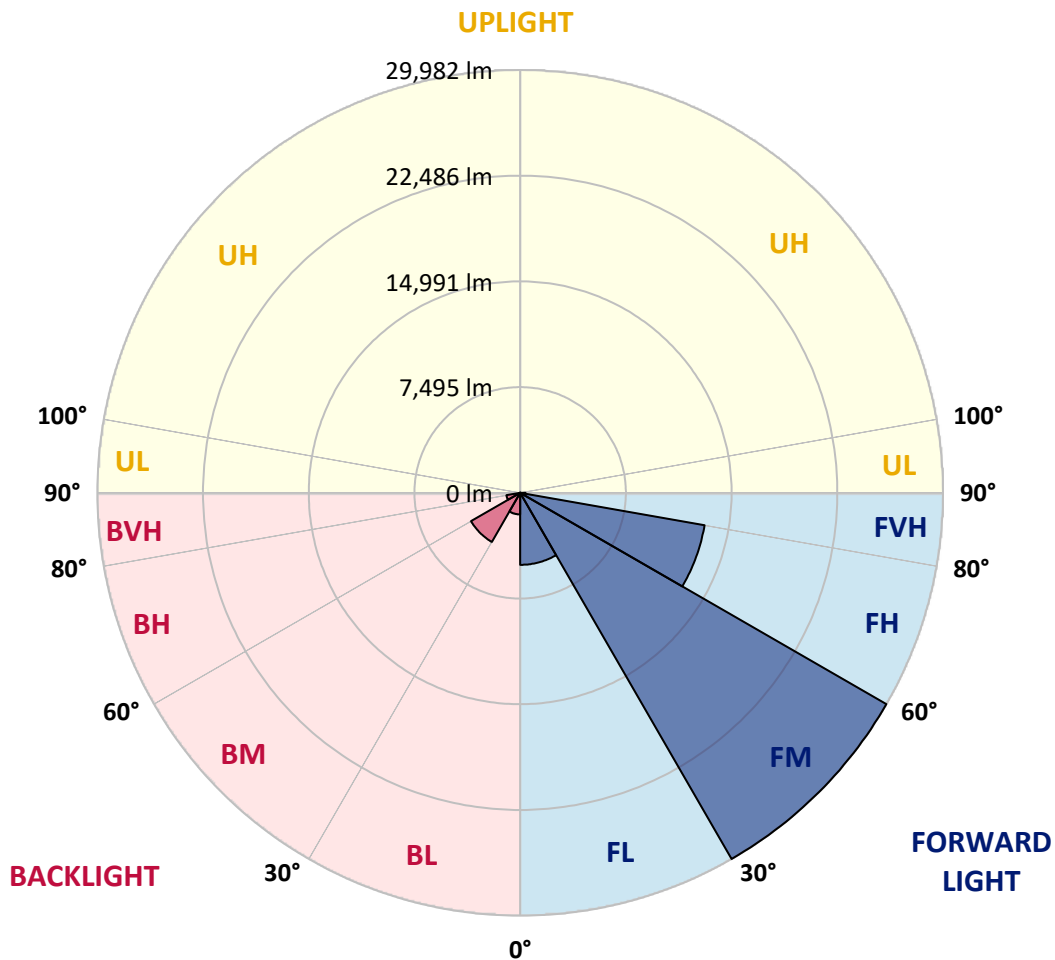
CATALOG NUMBER: GLAN-SB8D-727-U-T2LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5106.5	9.2			
FM	(30°-60°)	29981.7	54.2			
FH	(60°-80°)	13277.6	24.0			G5
FVH	(80°-90°)	373.9	0.7			G3/500
BL	(0°-30°)	1531.1	2.8	B3/2500		
BM	(30°-60°)	4019.7	7.3	B3/5000		
BH	(60°-80°)	992.5	1.8	B2/1000		G2/1000
BVH	(80°-90°)	19.3	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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7
2.5°	10020.0	9986.9	9953.7	9903.9	9837.5	9771.2	9688.2	9572.1	9522.3	9356.5	9157.4
5°	10534.3	10534.3	10517.7	10484.5	10451.4	10385.0	10285.5	10136.2	10069.8	9837.5	9489.2
7.5°	10667.0	10683.6	10733.4	10799.7	10899.3	10882.7	10882.7	10716.8	10683.6	10434.8	9970.3
10°	10434.8	10451.4	10584.1	10766.6	11065.2	11347.2	11546.3	11446.7	11397.0	11148.1	10567.5
12.5°	10103.0	10103.0	10318.6	10600.7	11065.2	11596.0	12176.7	12276.2	12292.8	12010.8	11314.0
15°	9240.3	9273.5	9621.9	10185.9	10949.0	11778.5	12757.3	13138.9	13238.4	13055.9	12226.4
17.5°	8095.7	8128.8	8477.2	9240.3	10385.0	11778.5	13255.0	14134.2	14266.9	14300.1	13387.7
20°	7614.6	7614.6	7813.6	8394.3	9588.7	11463.3	13553.6	15195.9	15494.6	15859.5	14665.1
22.5°	7680.9	7680.9	7797.0	8128.8	9091.0	11032.0	13736.1	16141.5	16755.4	17684.4	16307.4
25°	8045.9	8045.9	8145.4	8361.1	9140.8	10965.6	14084.4	16987.6	17966.4	19724.9	18182.0
27.5°	8626.5	8609.9	8692.9	8908.5	9621.9	11280.8	14665.1	17833.7	18928.6	22014.2	20338.7
30°	9472.6	9422.8	9456.0	9704.8	10401.6	12010.8	15511.1	18912.0	20023.5	24519.2	22727.6
32.5°	11430.1	11413.5	10932.5	10799.7	11546.3	13188.6	16672.4	20255.7	21499.9	27173.5	25182.8
35°	14963.7	15195.9	14515.8	12773.9	12923.2	14764.6	18331.4	22080.6	23225.2	29993.7	27853.7
37.5°	18547.0	18547.0	18265.0	16207.9	15162.8	16506.5	20123.0	23955.2	25149.6	32266.5	30425.1
40°	21383.8	21533.1	21201.3	19658.5	18298.2	18497.2	21914.7	25597.5	26692.4	33660.0	32249.9
42.5°	23490.7	23457.5	23324.8	22312.8	21549.7	21101.8	23540.4	26825.2	27870.3	34373.4	33394.6
45°	25763.4	25763.4	25580.9	24751.5	24121.1	23739.5	24751.5	27853.7	28948.6	34804.7	34107.9
47.5°	28135.7	28102.5	27920.1	27007.6	26327.5	25763.4	25979.1	28517.3	29612.2	34522.7	34224.1
50°	28716.4	28683.2	29097.9	29131.1	28517.3	27439.0	26957.9	29081.3	30043.5	34539.3	34589.0
52.5°	28036.2	28235.3	28849.1	29595.6	30292.4	29164.3	28003.0	29977.2	30972.5	35003.8	35501.4
55°	26344.1	26427.0	27604.9	28799.3	30425.1	30823.2	29678.5	31403.8	32283.1	35451.7	36314.3
57.5°	23192.1	23507.3	24768.1	26841.7	29313.6	30972.5	32598.3	33792.7	34456.3	35634.2	35866.4
60°	17501.9	17667.8	20405.0	23092.5	27007.6	29778.1	35319.0	37840.6	37757.6	33577.1	32731.0
62.5°	10650.4	10799.7	12757.3	17020.8	21947.9	27289.7	36231.4	42369.5	41921.6	30109.9	27555.1
64°	8676.3	8958.3	10169.3	13819.0	18049.3	24685.1	35965.9	42751.0	42402.7	27870.3	24552.4
65°	7415.5	7797.0	9041.3	11994.2	15345.2	21881.5	35236.0	41689.3	41457.1	26510.0	22064.0
67.5°	4661.6	4844.1	6685.6	9323.3	10567.5	14001.5	30292.4	36048.9	36463.6	23623.4	16274.3
70°	3467.2	3550.1	4595.3	7216.4	8245.0	8145.4	20803.2	29197.4	29297.0	18895.4	9821.0
72.5°	2521.6	2538.2	3218.4	5341.8	6453.3	5557.5	10965.6	21699.0	20985.7	11065.2	5358.4
75°	1675.5	1741.9	2256.2	3765.8	5026.6	4081.0	4993.4	12359.1	12143.5	5408.2	3069.0
77.5°	1227.6	1244.2	1526.2	2521.6	3948.3	3002.7	3019.3	5325.2	5491.1	3218.4	1941.0
80°	696.8	729.9	995.4	1542.8	2571.4	2057.1	1692.1	2571.4	2952.9	2189.8	1294.0
82.5°	414.7	447.9	713.3	1012.0	1758.5	846.1	862.7	1410.1	1758.5	1576.0	696.8
85°	248.8	265.4	447.9	547.5	1045.1	564.0	315.2	696.8	912.4	929.0	381.6
87.5°	165.9	165.9	248.8	232.3	298.6	265.4	132.7	182.5	232.3	315.2	149.3
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: P1457586

CATALOG NUMBER: GLAN-SB8D-727-U-T2LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7	8941.7
2.5°	8991.5	8891.9	8593.3	8195.2	7830.2	7548.2	7199.8	6967.6	6751.9	6751.9	6569.4
5°	9207.1	8941.7	8211.8	7299.4	6320.6	5391.6	4794.4	4130.8	3915.1	3732.6	3765.8
7.5°	9572.1	9091.0	7797.0	6154.7	4595.3	3599.9	2936.3	2637.7	2505.0	2422.1	2438.7
10°	10020.0	9356.5	7299.4	4993.4	3384.2	2637.7	2322.5	2206.4	2156.6	2140.0	2140.0
12.5°	10633.8	9671.7	6801.7	4014.6	2670.9	2272.8	2106.9	2040.5	1990.7	1957.6	1957.6
15°	11363.8	10069.8	6221.0	3301.3	2339.1	2090.3	1957.6	1891.2	1824.8	1808.3	1808.3
17.5°	12292.8	10484.5	5706.8	2836.8	2173.2	1957.6	1824.8	1741.9	1692.1	1675.5	1675.5
20°	13321.3	10998.8	5192.5	2571.4	2057.1	1824.8	1692.1	1625.8	1576.0	1542.8	1559.4
22.5°	14631.9	11645.8	4860.7	2438.7	1957.6	1708.7	1576.0	1509.6	1459.9	1426.7	1443.3
25°	16075.2	12458.7	4678.2	2438.7	1891.2	1625.8	1476.5	1410.1	1360.3	1327.2	1327.2
27.5°	17833.7	13371.1	4694.8	2538.2	1874.6	1559.4	1393.5	1327.2	1277.4	1227.6	1227.6
30°	19774.6	14449.4	4877.3	2720.7	1907.8	1493.1	1327.2	1227.6	1194.4	1144.7	1144.7
32.5°	21831.7	15693.6	5341.8	2952.9	1874.6	1410.1	1227.6	1144.7	1094.9	1061.7	1061.7
35°	24004.9	17103.7	5922.4	3052.5	1708.7	1294.0	1144.7	1061.7	1028.5	1012.0	995.4
37.5°	26078.6	18331.4	6237.6	2853.4	1493.1	1194.4	1045.1	962.2	945.6	912.4	912.4
40°	27687.8	19343.3	6055.2	2438.7	1376.9	1094.9	962.2	879.2	846.1	812.9	812.9
42.5°	28633.4	19708.3	5391.6	2073.7	1294.0	995.4	879.2	796.3	763.1	746.5	746.5
45°	29180.9	19658.5	4611.9	1858.0	1211.0	912.4	796.3	746.5	696.8	680.2	663.6
47.5°	29164.3	19144.2	4047.8	1675.5	1128.1	846.1	746.5	696.8	647.0	630.4	630.4
50°	29048.1	18381.1	3417.4	1542.8	1061.7	796.3	696.8	663.6	613.8	597.2	580.6
52.5°	29330.2	17949.8	2853.4	1459.9	978.8	763.1	680.2	630.4	564.0	547.5	547.5
55°	29678.5	17701.0	2289.3	1376.9	912.4	746.5	647.0	597.2	530.9	514.3	514.3
57.5°	28666.6	16755.4	1891.2	1244.2	829.5	713.3	613.8	580.6	514.3	464.5	464.5
60°	25481.4	13852.2	1559.4	1094.9	763.1	663.6	580.6	530.9	464.5	398.1	398.1
62.5°	20720.2	10567.5	1294.0	929.0	713.3	613.8	530.9	481.1	398.1	315.2	315.2
64°	17999.6	8974.9	1161.3	812.9	680.2	564.0	481.1	431.3	348.4	265.4	248.8
65°	16141.5	7929.8	1078.3	763.1	663.6	530.9	464.5	414.7	315.2	248.8	232.3
67.5°	11363.8	5325.2	862.7	630.4	580.6	447.9	398.1	348.4	282.0	215.7	199.1
70°	6619.2	3019.3	680.2	530.9	447.9	348.4	331.8	315.2	248.8	165.9	165.9
72.5°	3599.9	1509.6	514.3	431.3	348.4	248.8	282.0	248.8	199.1	132.7	116.1
75°	2206.4	929.0	381.6	315.2	232.3	182.5	215.7	182.5	116.1	82.9	66.4
77.5°	1476.5	597.2	282.0	215.7	149.3	116.1	149.3	99.5	49.8	16.6	16.6
80°	912.4	414.7	182.5	132.7	82.9	49.8	33.2	16.6	16.6	0.0	0.0
82.5°	398.1	265.4	99.5	66.4	33.2	16.6	16.6	0.0	0.0	0.0	0.0
85°	215.7	82.9	33.2	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	66.4	33.2	16.6	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			

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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)