

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: P1459082

Luminaire Tested: GLAN-SB4D-927-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1459082  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4D-927-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 90CRI 2700K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (104) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

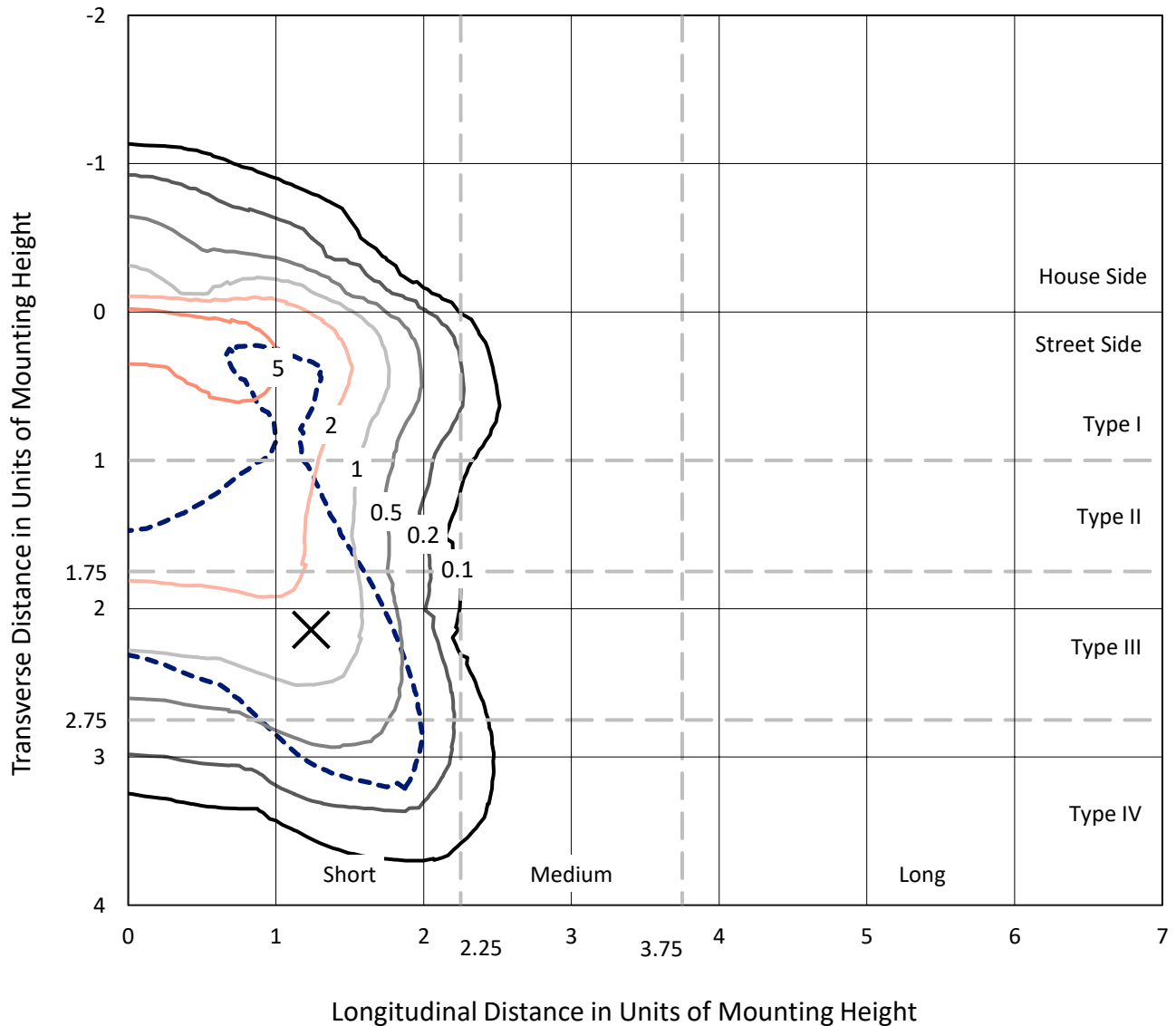
Lumens per Lamp: N/A  
Luminaire Lumens: 17990.4 lumens  
Efficiency: N/A  
Efficacy: 61.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G3

Input Watts (W): 293.6  
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: P1459082  
 CATALOG NUMBER: GLAN-SB4D-927-U-T4LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

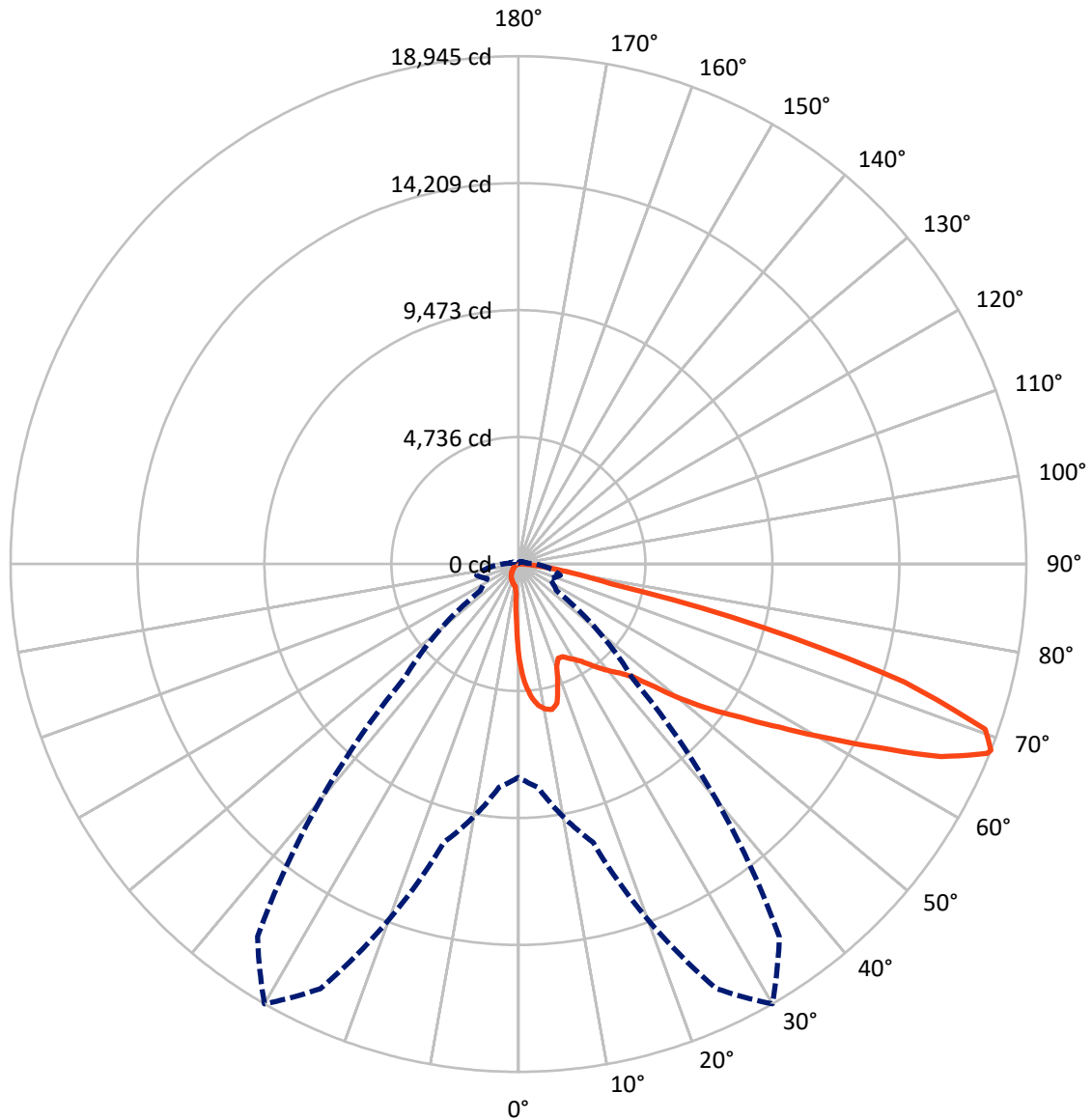
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 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	1373.1	0.0	1373.1
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	16617.2	0.0	16617.2
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	17990.4	0.0	17990.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	306.1	1.7
10°-20°	873.9	4.9
20°-30°	1373.3	7.6
30°-40°	2154.0	12.0
40°-50°	3219.5	17.9
50°-60°	4283.0	23.8
60°-70°	4140.3	23.0
70°-80°	1488.3	8.3
80°-90°	151.9	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°	17990.4	100.0
0°-180°	17990.4	100.0



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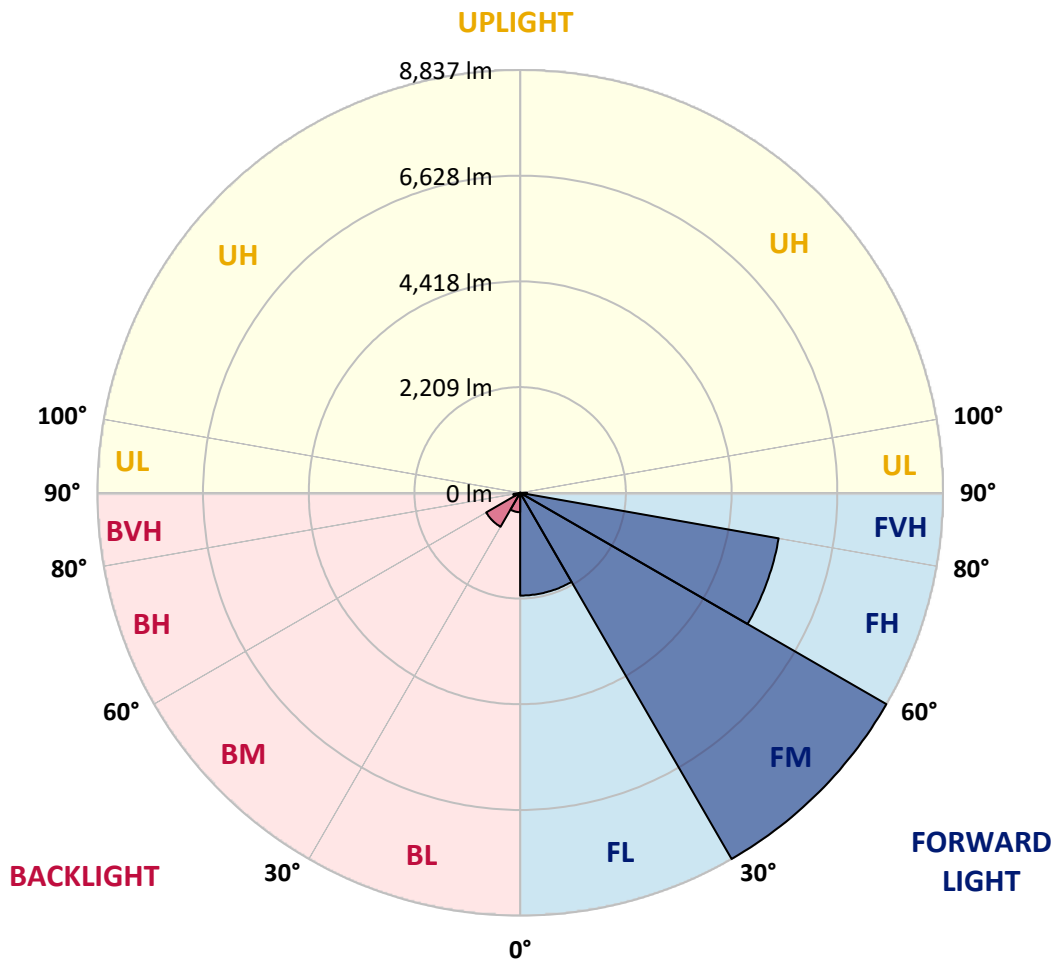
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2148.0	11.9			
FM	(30°-60°)	8836.9	49.1			
FH	(60°-80°)	5485.8	30.5			G3/7500
FVH	(80°-90°)	146.5	0.8			G2/225
BL	(0°-30°)	405.3	2.3	B1/500		
BM	(30°-60°)	819.6	4.6	B1/1000		
BH	(60°-80°)	142.8	0.8	B1/500		G1/500
BVH	(80°-90°)	5.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5
2.5°	4534.1	4534.1	4501.7	4458.6	4410.1	4393.9	4302.3	4172.9	4038.1	3881.7	3655.3
5°	5116.4	5111.0	5046.3	5046.3	4981.6	4922.3	4830.6	4641.9	4426.3	4145.9	3752.4
7.5°	5375.1	5385.9	5359.0	5359.0	5321.2	5278.1	5224.2	5040.9	4787.5	4410.1	3849.4
10°	5466.8	5472.2	5472.2	5509.9	5499.1	5493.8	5488.4	5385.9	5121.7	4679.7	3951.8
12.5°	5245.8	5272.7	5348.2	5515.3	5569.2	5628.5	5709.4	5677.1	5493.8	5019.3	4108.2
15°	4534.1	4539.5	4749.7	5164.9	5385.9	5612.4	5925.1	5989.8	5871.1	5385.9	4269.9
17.5°	3741.6	3757.7	3924.9	4388.5	4744.4	5267.3	6049.1	6313.2	6270.1	5747.1	4420.9
20°	3412.7	3434.3	3515.1	3806.3	4075.8	4561.1	5925.1	6620.5	6636.7	6108.4	4561.1
22.5°	3337.2	3353.4	3418.1	3644.5	3811.7	4135.1	5504.5	6863.1	7051.8	6523.5	4728.2
25°	3315.7	3331.8	3428.9	3676.9	3833.2	4102.8	5121.7	6992.5	7542.5	6954.8	4889.9
27.5°	3299.5	3321.1	3477.4	3795.5	3978.8	4237.6	5051.7	7019.5	8011.5	7413.1	5154.1
30°	3321.1	3353.4	3558.3	3919.5	4129.7	4420.9	5218.8	7046.4	8529.1	7936.0	5488.4
32.5°	3407.3	3434.3	3682.3	4086.6	4329.2	4658.1	5504.5	7208.2	9019.7	8469.8	5806.4
35°	3504.4	3542.1	3838.6	4323.8	4615.0	4987.0	5892.7	7526.3	9488.7	8976.5	6135.3
37.5°	3623.0	3666.1	4021.9	4593.4	4927.7	5348.2	6313.2	7968.4	9903.8	9391.7	6464.2
40°	3784.7	3833.2	4232.2	4879.1	5240.4	5660.9	6728.4	8405.1	10221.9	9639.7	6679.8
42.5°	4420.9	4485.6	4652.7	5159.5	5563.8	5995.1	7138.1	8820.2	10340.5	9720.5	6723.0
45°	5607.0	5671.7	5628.5	5725.6	5995.1	6399.5	7585.6	9219.1	10356.7	9699.0	6701.4
47.5°	6798.4	6873.9	6836.2	6782.3	6841.6	7035.7	8087.0	9472.5	10270.5	9688.2	6701.4
50°	7936.0	7892.9	7898.3	7882.1	7936.0	8038.5	8572.2	9521.1	10248.9	9790.6	6760.7
52.5°	8545.2	8566.8	8701.6	8901.1	9019.7	9122.1	9127.5	9596.5	10092.5	9618.1	6690.6
55°	9143.7	9186.8	9499.5	9839.2	10103.3	10297.4	9682.8	9548.0	9159.8	9041.2	6324.0
57.5°	9817.6	9876.9	10319.0	11019.8	11483.5	11585.9	10232.7	8642.3	7752.7	8216.4	5612.4
60°	10744.9	10815.0	11402.6	12453.9	13144.0	12933.8	10275.8	7202.8	6156.9	6820.0	4631.1
62.5°	11472.7	11612.9	12675.0	14313.9	15074.1	14405.6	9472.5	5520.7	4302.3	4792.9	3380.4
65°	10696.4	10965.9	12696.5	16443.5	17322.3	16136.2	8211.0	3768.5	2426.1	3100.0	2161.9
67.5°	8647.7	9025.1	11273.2	17478.6	18864.2	17047.3	6464.2	2000.2	1391.0	1800.7	1137.6
68°	7957.6	8367.3	10750.3	17478.6	18945.1	16966.5	6000.5	1730.6	1283.1	1617.4	986.6
70°	5499.1	5790.3	8264.9	16497.4	18470.6	15467.7	3951.8	992.0	965.0	1110.6	652.3
72.5°	2695.7	3008.4	4420.9	13073.9	15047.2	11887.9	1800.7	657.7	733.2	814.1	512.2
75°	1072.9	1137.6	1741.4	6448.0	9402.5	7585.6	943.5	496.0	630.8	636.2	404.3
77.5°	614.6	652.3	965.0	2372.2	3525.9	3391.1	609.2	355.8	501.4	458.3	264.2
80°	345.0	350.4	544.5	1250.8	2016.4	1806.1	415.1	258.8	382.8	323.5	177.9
82.5°	172.5	194.1	345.0	690.1	1121.4	1148.4	221.0	183.3	307.3	231.8	145.6
85°	124.0	134.8	248.0	382.8	517.6	776.3	134.8	91.7	231.8	156.3	102.4
87.5°	64.7	80.9	156.3	188.7	210.3	264.2	64.7	43.1	129.4	91.7	53.9
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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CATALOG NUMBER: GLAN-SB4D-927-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5	3547.5
2.5°	3547.5	3423.5	3170.1	2873.6	2641.7	2404.5	2210.4	2027.1	1940.9	1930.1	1951.7
5°	3531.3	3261.7	2684.9	2118.8	1655.1	1331.7	1153.7	1062.1	1013.6	992.0	997.4
7.5°	3499.0	3089.2	2167.3	1434.1	1072.9	932.7	889.6	873.4	868.0	868.0	868.0
10°	3466.6	2857.4	1660.5	1051.3	878.8	841.0	830.3	830.3	824.9	824.9	830.3
12.5°	3450.4	2641.7	1288.5	878.8	819.5	803.3	792.5	787.1	787.1	787.1	792.5
15°	3412.7	2404.5	1040.5	814.1	781.7	760.2	754.8	749.4	749.4	749.4	749.4
17.5°	3380.4	2172.7	905.7	771.0	744.0	722.4	717.0	711.7	711.7	717.0	717.0
20°	3331.8	1951.7	814.1	727.8	706.3	684.7	679.3	673.9	679.3	679.3	679.3
22.5°	3272.5	1768.4	760.2	695.5	668.5	647.0	647.0	647.0	647.0	647.0	652.3
25°	3234.8	1639.0	722.4	657.7	630.8	614.6	609.2	609.2	620.0	620.0	625.4
27.5°	3294.1	1606.6	727.8	647.0	598.4	582.3	576.9	576.9	587.7	593.0	598.4
30°	3472.0	1665.9	792.5	679.3	576.9	549.9	544.5	544.5	560.7	566.1	571.5
32.5°	3676.9	1789.9	889.6	722.4	560.7	517.6	506.8	506.8	523.0	528.3	533.7
35°	3957.2	1984.0	1019.0	760.2	571.5	485.2	463.7	463.7	474.4	485.2	490.6
37.5°	4318.4	2302.1	1169.9	787.1	571.5	447.5	420.5	415.1	425.9	425.9	431.3
40°	4695.8	2717.2	1326.3	787.1	544.5	409.7	382.8	366.6	372.0	366.6	372.0
42.5°	4906.1	3051.5	1461.0	738.6	512.2	372.0	345.0	323.5	318.1	307.3	312.7
45°	5024.7	3202.4	1423.3	684.7	479.8	345.0	312.7	285.7	275.0	258.8	258.8
47.5°	5024.7	3218.6	1218.4	641.6	447.5	323.5	280.3	253.4	237.2	221.0	226.4
50°	4965.4	3073.0	965.0	598.4	409.7	301.9	253.4	231.8	210.3	199.5	199.5
52.5°	4717.4	2598.6	738.6	544.5	366.6	275.0	226.4	204.9	183.3	177.9	177.9
55°	4291.5	1908.5	598.4	490.6	328.9	253.4	204.9	188.7	167.1	156.3	156.3
57.5°	3488.2	1304.7	496.0	442.1	291.1	226.4	183.3	167.1	140.2	129.4	129.4
60°	2587.8	851.8	420.5	388.2	248.0	204.9	161.7	140.2	118.6	107.8	102.4
62.5°	1746.8	576.9	350.4	307.3	210.3	177.9	140.2	118.6	91.7	70.1	70.1
65°	1089.0	447.5	291.1	242.6	183.3	156.3	118.6	91.7	64.7	48.5	43.1
67.5°	625.4	361.2	237.2	188.7	156.3	124.0	91.7	75.5	53.9	37.7	32.3
68°	576.9	345.0	221.0	177.9	145.6	118.6	86.3	70.1	48.5	32.3	32.3
70°	469.0	307.3	188.7	145.6	124.0	97.0	75.5	59.3	37.7	21.6	21.6
72.5°	415.1	258.8	161.7	113.2	86.3	80.9	59.3	43.1	27.0	16.2	10.8
75°	339.7	204.9	129.4	86.3	59.3	59.3	43.1	27.0	10.8	0.0	0.0
77.5°	221.0	151.0	102.4	53.9	32.3	37.7	27.0	10.8	0.0	0.0	0.0
80°	145.6	113.2	70.1	27.0	16.2	16.2	5.4	0.0	0.0	0.0	0.0
82.5°	102.4	75.5	43.1	10.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0
85°	64.7	32.3	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.0	10.8	5.4	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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-13  
 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-927-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 2700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2731  
 CIE u': 0.2605  
 CIE v': 0.5298  
 Duv: 0.0021  
 CIE x: 0.4610  
 CIE y: 0.4166  
 CIE z: 0.1224  
 Peak Wavelength (nm): 622  
 Dominant Wavelength (nm): 583  
 Purity: 63.43685  
 R<sub>f</sub>: 92.6  
 R<sub>g</sub>: 98

CRI (Ra):	91.8		
R1:	91.4	R9:	54.7
R2:	95.1	R10:	87.7
R3:	97.6	R11:	92.9
R4:	92.3	R12:	84.0
R5:	91.1	R13:	92.2
R6:	94.7	R14:	97.8
R7:	92.3	R15:	86.8
R8:	80.0		



**Test Conditions**

Stabilization Time: M  
 Operation Time: 1H 0M  
 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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.27**

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.38**

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

**Summary**

$R_f = 92.6$   
 $R_g = 98$   
 $CIE R_a = 91.8$   
 $R_9 = 54.7$



**Color Vector Graphics**

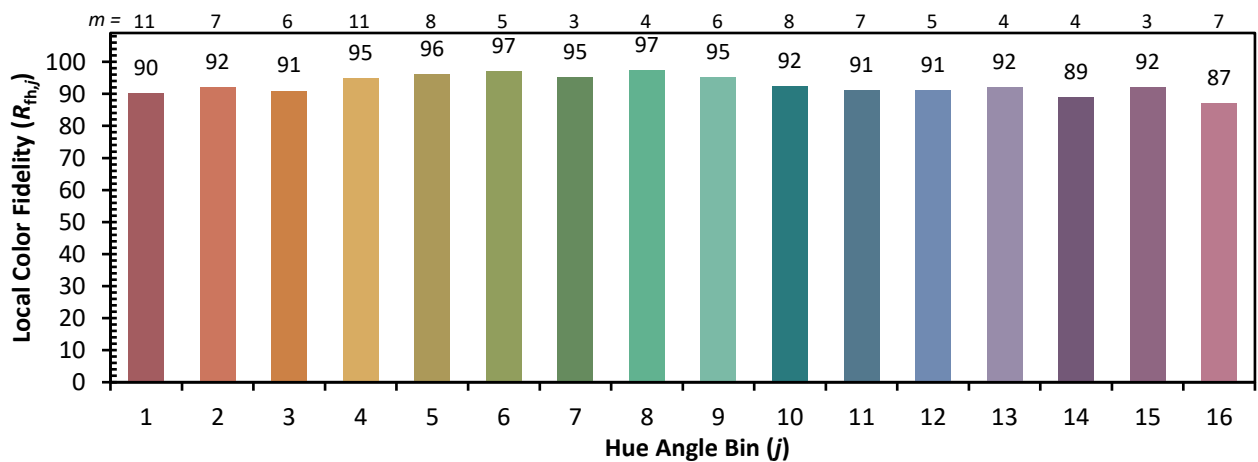
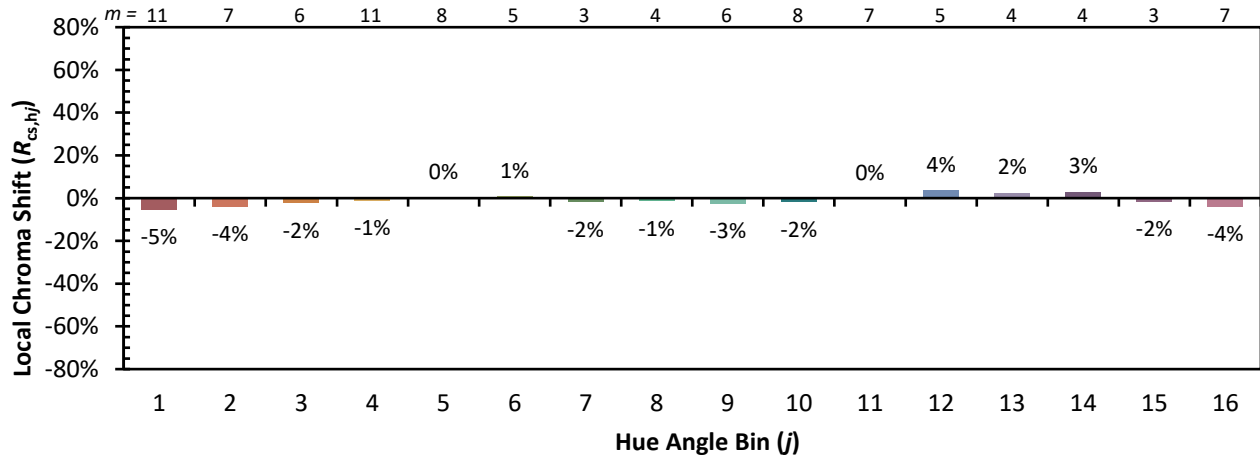


Individual Sample Fidelity Index ( $R_{f,i}$ )

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)