

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: P1457442

Luminaire Tested: GLAN-SB8D-935-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457442  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8D-935-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square  
PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (208) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 56060.2 lumens  
Efficiency: N/A  
Efficacy: 95.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5

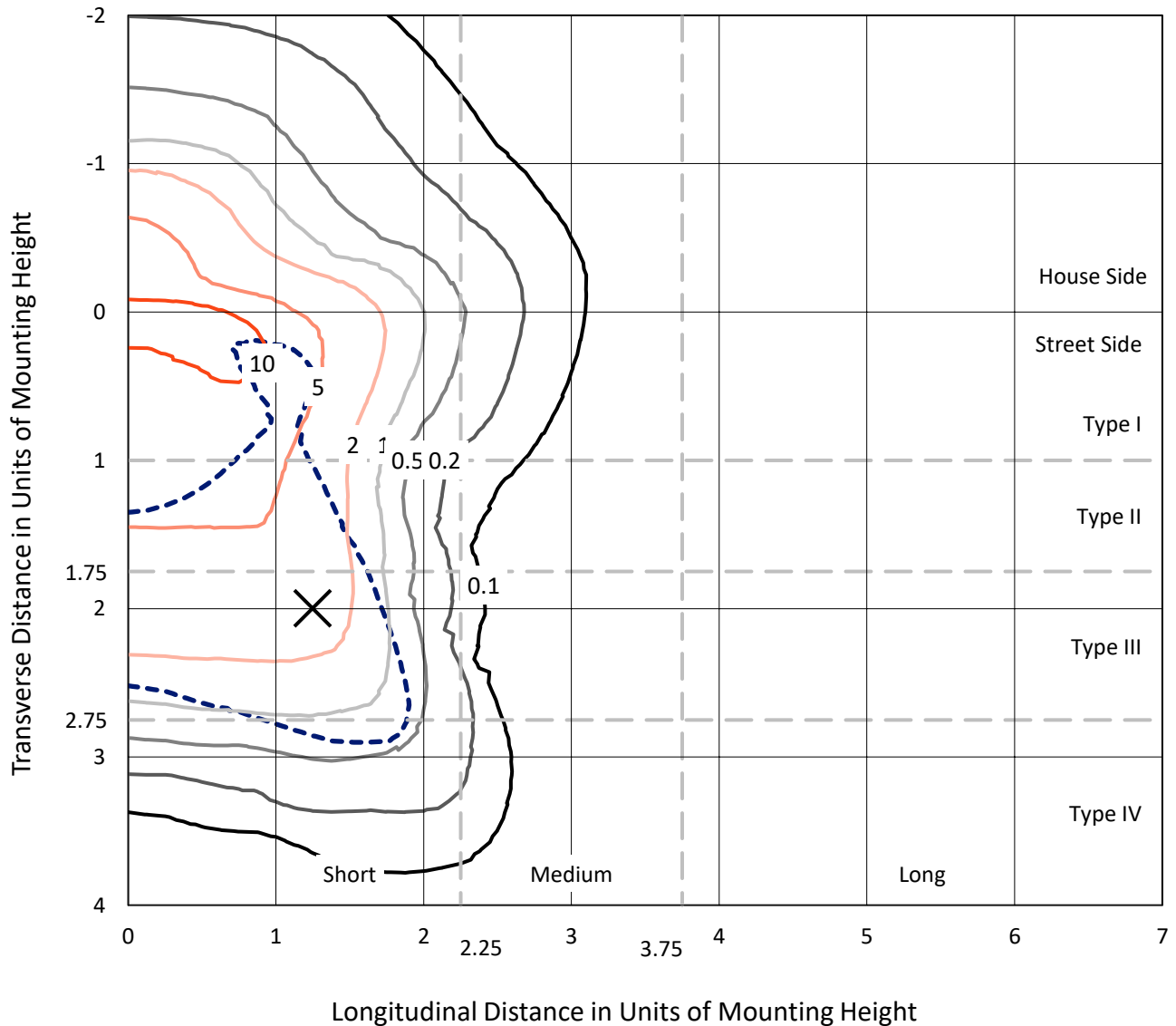
Input Watts (W): 584.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB8D-935-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

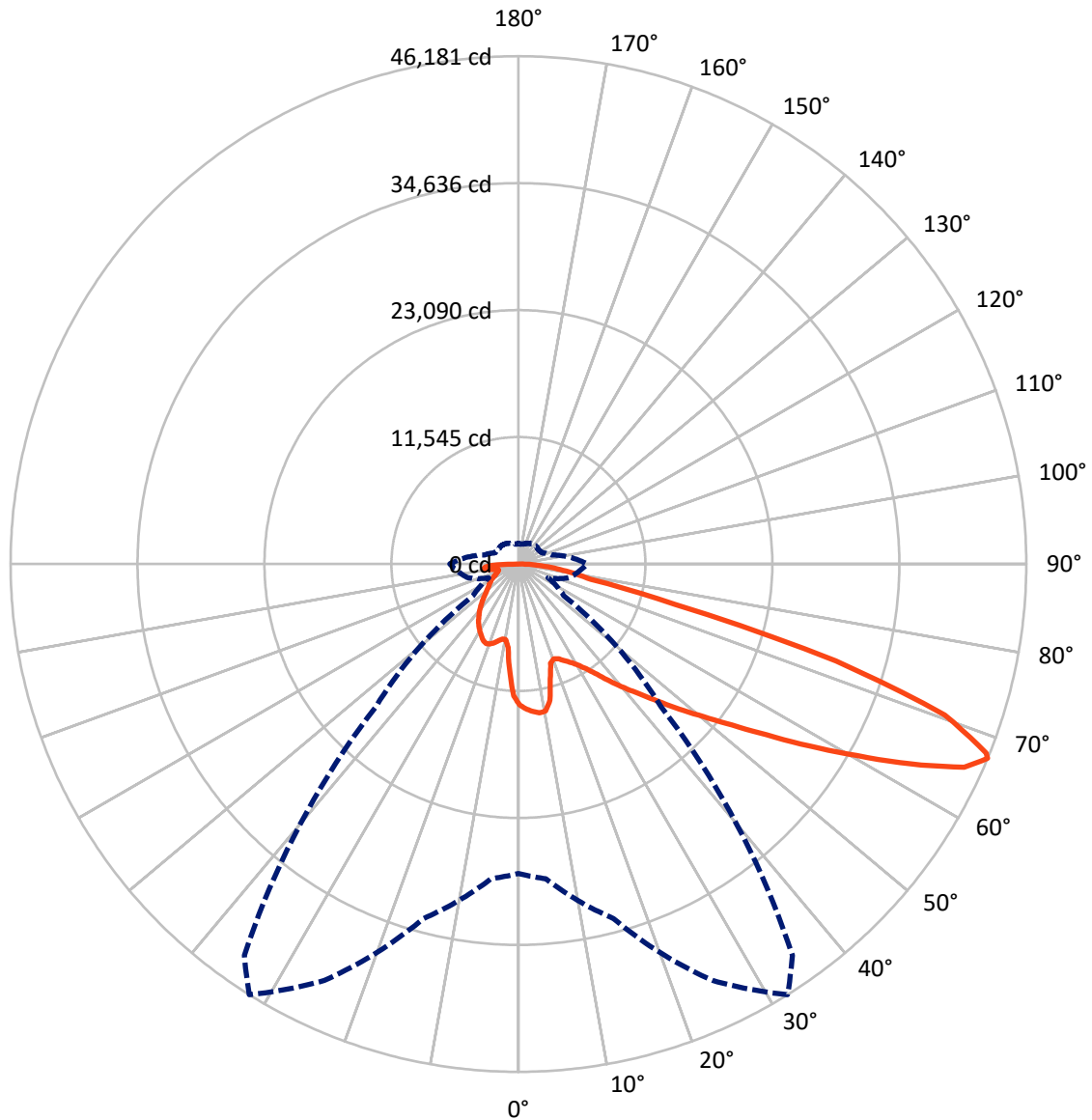


Based on 30 foot mounting height. Maximum calculated value = 15.4 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13272.0	0.0	13272.0
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	42788.1	0.0	42788.1
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	56060.2	0.0	56060.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1119.2	2.0
10°-20°	2971.5	5.3
20°-30°	4852.5	8.7
30°-40°	7152.2	12.8
40°-50°	9863.3	17.6
50°-60°	12460.3	22.2
60°-70°	12059.3	21.5
70°-80°	4303.9	7.7
80°-90°	1278.1	2.3
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°	56060.2	100.0
0°-180°	56060.2	100.0



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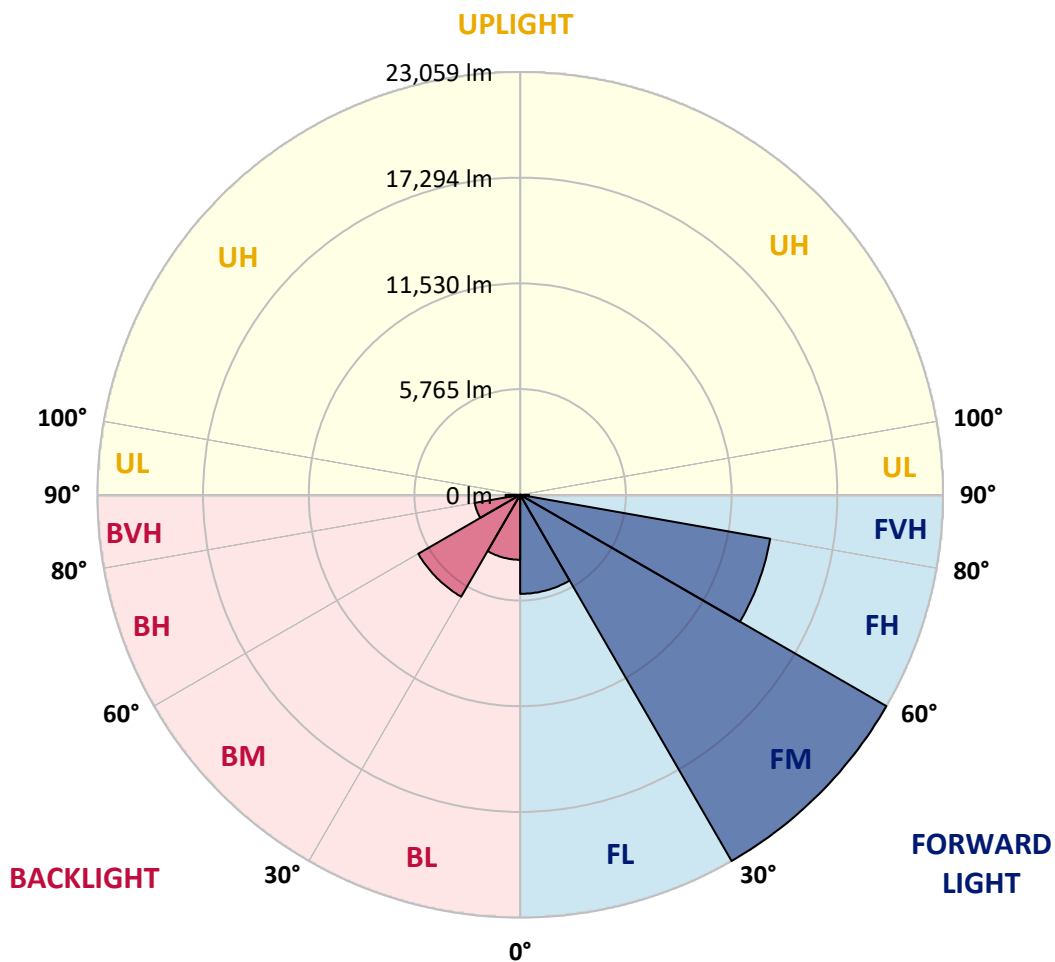
CATALOG NUMBER: GLAN-SB8D-935-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5401.5	9.6			
FM	(30°-60°)	23059.3	41.1			
FH	(60°-80°)	13845.7	24.7			G5
FVH	(80°-90°)	481.6	0.9			G3/500
BL	(0°-30°)	3541.7	6.3	B4/5000		
BM	(30°-60°)	6416.4	11.4	B4/8500		
BH	(60°-80°)	2517.5	4.5	B4/5000		G4/5000
BVH	(80°-90°)	796.5	1.4			G5
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6
2.5°	13294.1	13256.7	13219.4	13244.3	13194.5	13182.1	13119.8	13094.9	13020.2	13007.8	12870.9
5°	13567.9	13493.2	13480.8	13505.7	13455.9	13455.9	13406.1	13368.8	13256.7	13194.5	12995.3
7.5°	13567.9	13555.5	13580.4	13667.5	13680.0	13680.0	13680.0	13692.4	13580.4	13493.2	13182.1
10°	12796.2	12671.7	12945.6	13381.2	13592.8	13717.3	13941.4	14078.3	13991.2	13928.9	13505.7
12.5°	10493.4	10505.8	10941.5	11875.1	12721.5	13082.5	14016.1	14514.0	14551.3	14451.7	13916.5
15°	8900.1	8962.3	9186.4	9858.5	10829.5	11364.7	13580.4	14899.8	15198.6	15099.0	14414.4
17.5°	8414.6	8452.0	8551.5	8937.4	9485.1	9920.8	12397.9	15148.8	15982.8	15858.3	14974.5
20°	8339.9	8364.8	8489.3	8812.9	9186.4	9435.3	11190.4	14949.6	16717.2	16667.4	15484.9
22.5°	8352.4	8377.3	8539.1	8987.2	9373.1	9584.7	10804.6	14489.1	17488.9	17538.7	16007.7
25°	8377.3	8389.7	8638.7	9236.2	9721.6	9983.0	11053.5	14078.3	18136.2	18559.4	16580.3
27.5°	8514.2	8551.5	8887.6	9559.8	10132.4	10431.1	11638.5	14215.2	18845.7	19717.1	17264.9
30°	8887.6	8912.5	9323.3	10020.4	10642.7	10953.9	12335.6	14762.9	19717.1	20912.0	17937.1
32.5°	9472.7	9497.6	9970.6	10692.5	11364.7	11738.1	13244.3	15808.5	20688.0	22169.3	18609.2
35°	10281.8	10294.2	10829.5	11601.2	12310.7	12733.9	14302.3	16991.0	21696.2	23239.8	19107.1
37.5°	11240.2	11327.4	11875.1	12684.2	13518.1	13904.0	15547.1	18372.7	22592.5	24148.4	19393.4
40°	12559.7	12584.6	13119.8	13904.0	14787.8	15161.2	16791.9	19679.7	23575.8	24683.7	19654.8
42.5°	13916.5	14128.1	14576.2	15447.5	16107.3	16406.0	18210.9	20874.7	24360.0	24708.6	19542.8
45°	15733.8	15895.6	16343.8	17115.5	17775.2	18123.8	19742.0	21970.1	24758.4	24497.0	19293.9
47.5°	17812.6	17912.2	18273.1	18970.2	19704.6	19953.6	21335.3	22592.5	24907.7	24347.6	19181.8
50°	20264.8	20264.8	20526.2	21123.7	21795.8	22144.4	22804.1	22965.9	25343.4	24086.2	19468.1
52.5°	22331.1	22430.7	22779.2	23625.6	24297.8	24696.1	23949.3	23538.5	24459.6	22629.8	19555.3
55°	24310.3	24422.3	25206.5	26264.5	27409.7	27845.4	25380.8	23252.2	21484.6	20501.3	18957.8
57.5°	26202.3	26438.8	27422.2	29488.5	31218.7	31181.4	27198.1	20688.0	17538.7	18148.7	17650.8
60°	28841.2	29090.2	30658.6	33260.1	35376.2	34492.4	27223.0	17215.1	13667.5	14489.1	15198.6
62.5°	31044.4	31467.7	33770.5	38102.2	40044.1	38662.4	24970.0	13182.1	9074.3	10107.5	11750.6
65°	30845.3	31405.4	34977.9	41662.3	44562.6	43280.5	21671.4	8339.9	4680.3	6908.4	8227.9
67°	28131.7	28741.6	33372.1	41786.8	46180.8	43442.3	18298.0	5041.3	2975.0	4792.3	5713.5
67.5°	26575.7	27472.0	32575.5	41550.2	45882.0	42757.7	16779.4	4219.8	2800.7	4456.3	5203.1
70°	16343.8	17787.7	24447.2	36733.0	41127.0	35787.0	9323.3	2389.9	2277.9	2987.4	3597.4
72.5°	4916.8	5352.5	9435.3	23563.4	30185.5	26525.9	4194.9	1842.3	2041.4	2402.4	2775.8
75°	2389.9	2551.8	3896.1	9634.5	14700.7	14626.0	2340.2	1580.9	1892.0	2016.5	2190.8
77.5°	1531.1	1630.6	2427.3	5389.8	6734.2	5999.8	1692.9	1381.7	1680.4	1655.5	1630.6
80°	958.5	1008.3	1556.0	3124.4	4966.6	4145.1	1244.8	1132.7	1443.9	1282.1	1157.6
82.5°	622.4	684.6	995.8	1904.5	3547.6	3087.0	821.5	809.1	1195.0	1020.7	896.2
85°	410.8	460.6	634.8	1120.3	2103.7	2203.2	535.2	560.1	921.1	771.8	684.6
87.5°	149.4	186.7	323.6	497.9	983.4	1219.9	224.1	211.6	448.1	361.0	286.3
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: P1457442

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6	12808.6
2.5°	12846.0	12808.6	12634.4	12485.0	12373.0	12223.6	12061.8	11875.1	11750.6	11775.5	11738.1
5°	12908.2	12808.6	12472.5	11962.2	11464.3	10841.9	10045.3	9572.2	9211.3	9024.5	9074.3
7.5°	13045.1	12870.9	12161.4	11128.2	9833.6	8564.0	7779.8	7331.7	7120.1	7032.9	7020.5
10°	13281.6	12982.9	11763.0	9833.6	8140.8	7281.9	6995.6	6871.1	6846.2	6846.2	6833.8
12.5°	13567.9	13094.9	11090.9	8576.4	7331.7	7020.5	6970.7	6983.1	7020.5	7057.8	6995.6
15°	13916.5	13144.7	10256.9	7817.1	7169.8	7095.2	7169.8	7257.0	7319.2	7369.0	7306.8
17.5°	14265.0	13094.9	9472.7	7456.1	7194.7	7294.3	7443.7	7580.6	7618.0	7692.6	7642.9
20°	14514.0	12920.7	8800.5	7319.2	7257.0	7481.0	7667.8	7817.1	7891.8	7941.6	7891.8
22.5°	14700.7	12696.6	8315.0	7182.3	7257.0	7530.8	7754.9	7929.2	8016.3	8066.1	8003.8
25°	14862.5	12385.4	7941.6	6983.1	7107.6	7369.0	7618.0	7792.2	7916.7	7991.4	7954.0
27.5°	15061.7	12136.5	7593.1	6684.4	6796.4	7045.4	7306.8	7518.4	7754.9	7879.4	7854.5
30°	15285.7	12012.0	7257.0	6360.7	6435.4	6684.4	6995.6	7281.9	7605.5	7767.3	7767.3
32.5°	15547.1	11924.8	6945.8	6049.6	6111.8	6385.6	6684.4	6945.8	7294.3	7555.7	7543.3
35°	15659.1	11825.3	6696.8	5763.3	5887.7	6111.8	6348.3	6522.6	6883.5	7194.7	7219.6
37.5°	15771.2	11787.9	6572.4	5539.2	5638.8	5813.1	5937.5	6024.7	6360.7	6684.4	6696.8
40°	15908.1	11962.2	6659.5	5389.8	5302.7	5477.0	5539.2	5589.0	5763.3	5974.9	5974.9
42.5°	15821.0	12086.7	6858.7	5252.9	4891.9	5091.1	5116.0	5103.5	5116.0	5128.4	5116.0
45°	15596.9	11962.2	6858.7	5041.3	4456.3	4667.9	4655.4	4593.2	4493.6	4232.2	4194.9
47.5°	15547.1	11887.5	6597.3	4692.8	4020.6	4194.9	4219.8	4095.3	3809.0	3535.1	3448.0
50°	15758.7	12024.4	6186.5	4269.5	3647.2	3796.5	3858.8	3647.2	3323.5	3037.2	2987.4
52.5°	16069.9	12198.7	5589.0	3809.0	3336.0	3485.3	3560.0	3323.5	2987.4	2763.4	2738.5
55°	16032.6	12198.7	4916.8	3385.8	3099.5	3211.5	3336.0	3087.0	2825.6	2701.1	2688.7
57.5°	15223.5	11738.1	4418.9	3087.0	2875.4	2975.0	3136.8	2900.3	2651.3	2676.2	2713.6
60°	13642.6	10543.2	4045.5	2887.9	2676.2	2775.8	2950.1	2676.2	2352.6	2265.5	2265.5
62.5°	11240.2	8688.5	3746.7	2688.7	2489.5	2614.0	2701.1	2340.2	2128.5	2029.0	2029.0
65°	8427.1	6721.7	3435.6	2526.9	2327.7	2464.6	2365.1	2190.8	1979.2	1904.5	1916.9
67°	6248.7	5215.6	3174.1	2389.9	2228.1	2290.4	2215.7	2091.2	1879.6	1817.4	1879.6
67.5°	5613.9	4954.2	3111.9	2352.6	2203.2	2253.0	2178.3	2078.8	1854.7	1792.5	1854.7
70°	3858.8	3809.0	2775.8	2178.3	2066.3	2016.5	2053.9	1929.4	1742.7	1717.8	1780.0
72.5°	2937.6	3037.2	2489.5	2029.0	1916.9	1854.7	1941.8	1817.4	1630.6	1668.0	1730.2
75°	2302.8	2452.2	2228.1	1817.4	1742.7	1755.1	1929.4	1879.6	1730.2	1767.6	1780.0
77.5°	1705.3	1979.2	1904.5	1580.9	1518.6	1692.9	2178.3	2327.7	2066.3	2004.1	1916.9
80°	1244.8	1419.0	1605.7	1307.0	1269.7	1630.6	2688.7	2975.0	2551.8	2302.8	2240.6
82.5°	921.1	995.8	1319.5	1045.6	921.1	1456.4	2987.4	3497.8	3037.2	2564.2	2489.5
85°	659.7	771.8	1045.6	771.8	609.9	1195.0	2925.2	3423.1	3012.3	2427.3	2365.1
87.5°	236.5	336.1	448.1	348.5	311.2	821.5	2414.8	2464.6	1879.6	858.9	871.3
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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-15  
 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-935-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3455  
 CIE u': 0.2356  
 CIE v': 0.5159  
 Duv: 0.0028  
 CIE x: 0.4109  
 CIE y: 0.3999  
 CIE z: 0.1892  
 Peak Wavelength (nm): 616  
 Dominant Wavelength (nm): 579  
 Purity: 43.35383  
 Rf: 92.3  
 Rg: 98.5

CRI (Ra): 92.2  
 R1: 92.0  
 R2: 94.4  
 R3: 95.6  
 R4: 93.2  
 R5: 91.4  
 R6: 92.5  
 R7: 94.5  
 R8: 84.2  
 R9: 59.8  
 R10: 85.8  
 R11: 93.2  
 R12: 78.0  
 R13: 92.5  
 R14: 97.0  
 R15: 88.4



**Test Conditions**

Stabilization Time: 20M  
 Operation Time: 1H 20M  
 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 3500K 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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

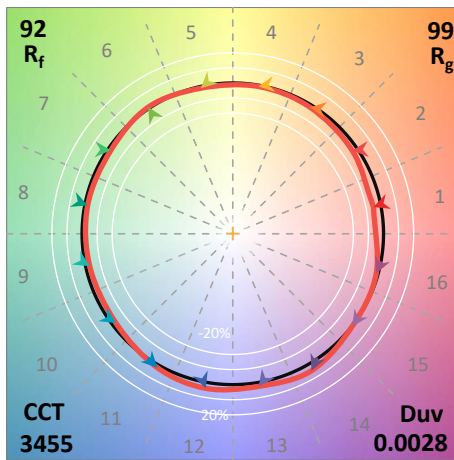
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

**Summary**

$R_f = 92.3$   
 $R_g = 98.5$   
 CIE  $R_a = 92.2$   
 $R_9 = 59.8$



**Color Vector Graphics**

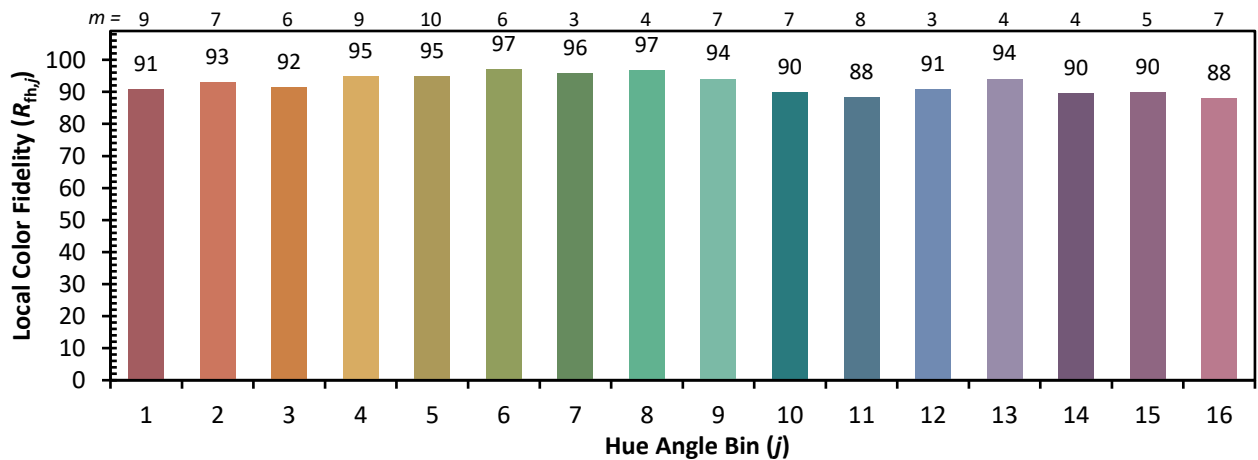
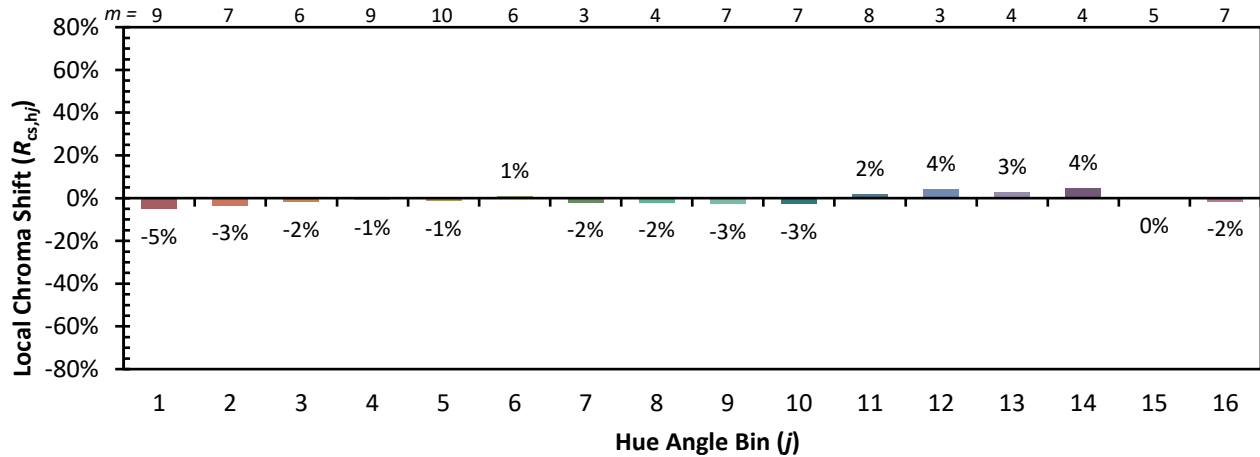


Individual Sample Fidelity Index ( $R_{f,i}$ )

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)