

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: P1456848

Luminaire Tested: GLAN-SB4B-935-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456848  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4B-935-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square  
PACKAGE 90CRI 3500K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (104) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15324.1 lumens  
Efficiency: N/A  
Efficacy: 104.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G2

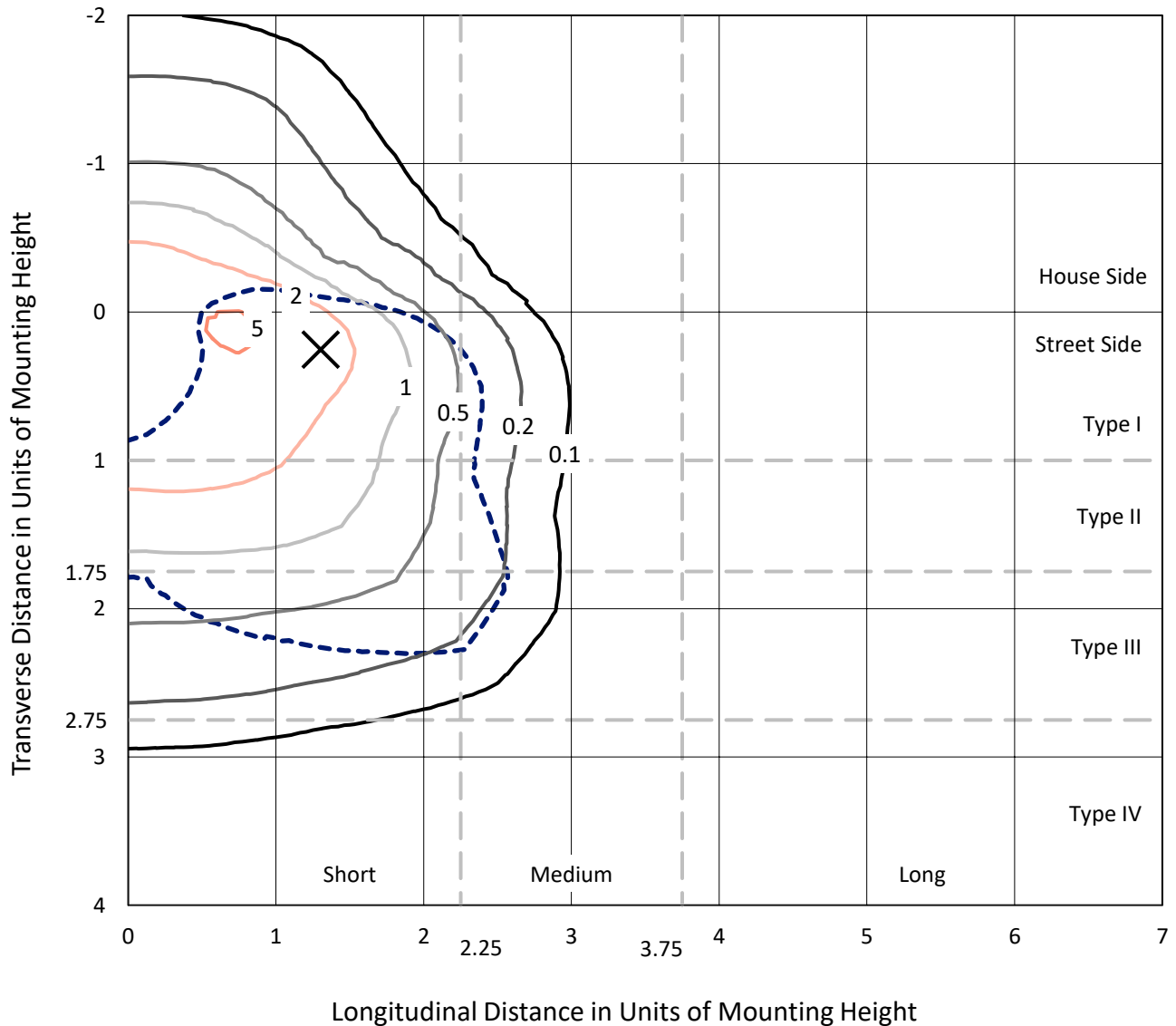
Input Watts (W): 147  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4B-935-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

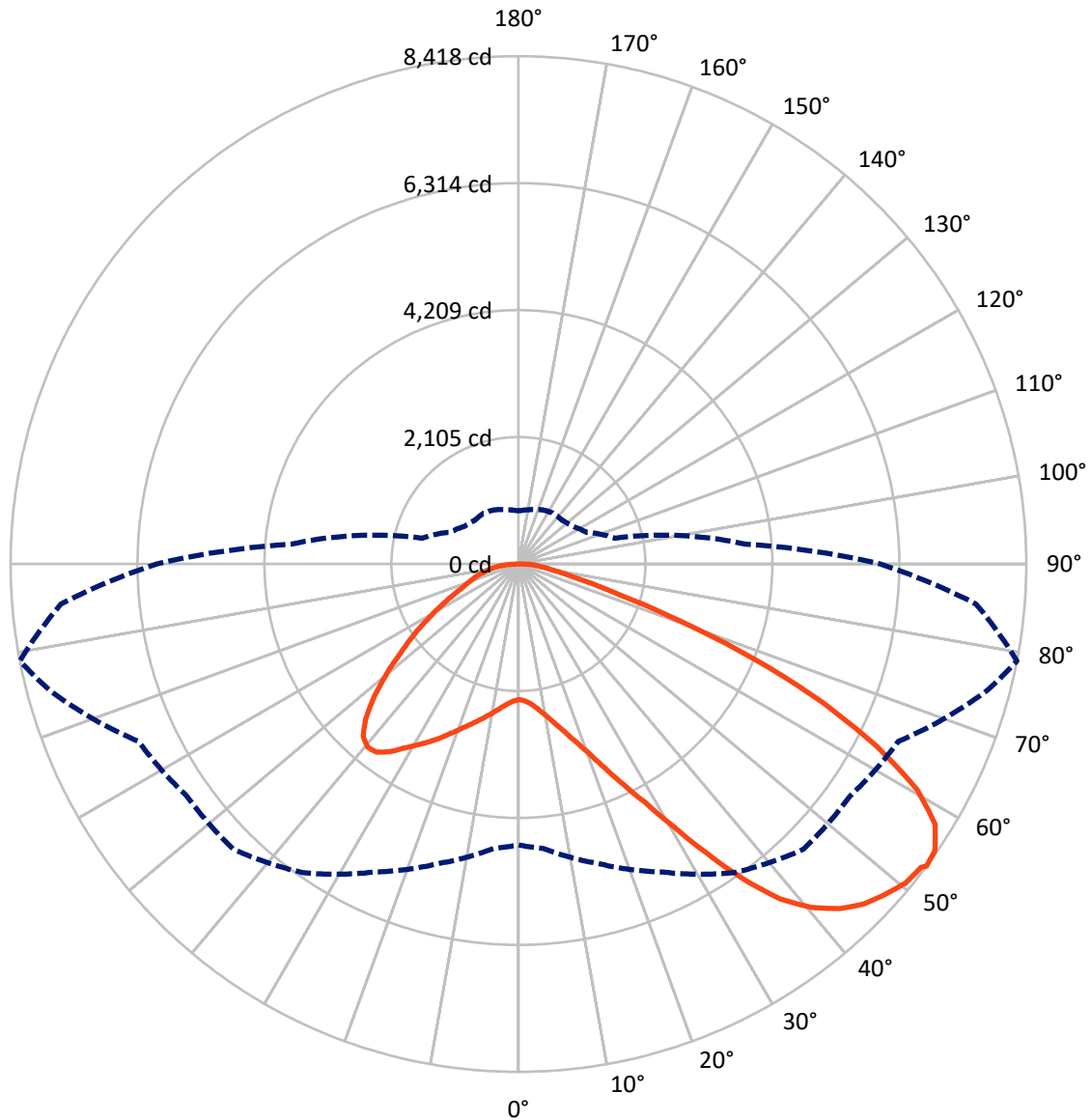


Based on 25 foot mounting height. Maximum calculated value = 5.6 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 53-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3863.1	0.0	3863.1
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	11461.0	0.0	11461.0
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	15324.1	0.0	15324.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	214.4	1.4
10°-20°	663.8	4.3
20°-30°	1269.1	8.3
30°-40°	2178.9	14.2
40°-50°	3052.0	19.9
50°-60°	3463.6	22.6
60°-70°	3037.4	19.8
70°-80°	1187.7	7.8
80°-90°	257.3	1.7
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°	15324.1	100.0
0°-180°	15324.1	100.0



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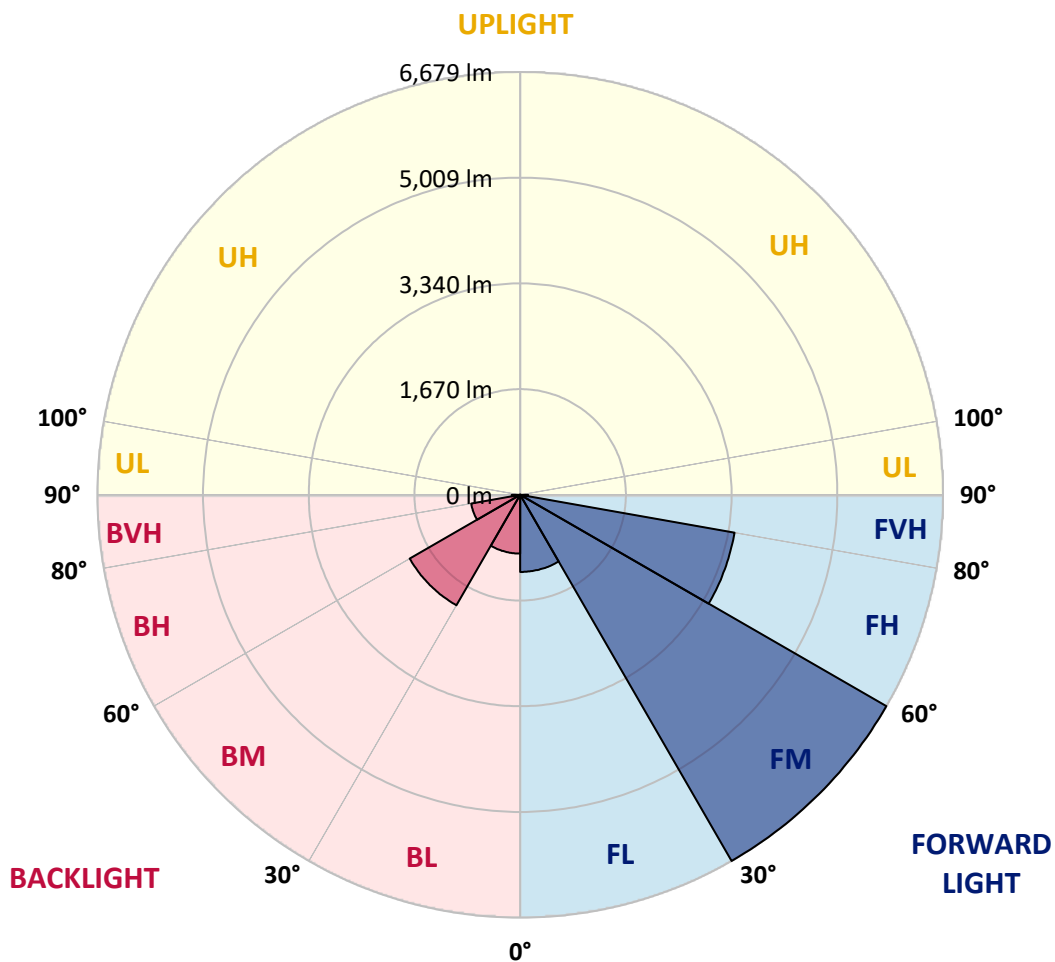
CATALOG NUMBER: GLAN-SB4B-935-U-T3LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1218.1	7.9			
FM	(30°-60°)	6679.2	43.6			
FH	(60°-80°)	3438.9	22.4			G2/5000
FVH	(80°-90°)	124.8	0.8			G2/225
BL	(0°-30°)	929.1	6.1	B2/1000		
BM	(30°-60°)	2015.3	13.2	B2/2500		
BH	(60°-80°)	786.2	5.1	B2/1000		G2/1000
BVH	(80°-90°)	132.5	0.9			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6
2.5°	2253.0	2253.0	2239.4	2253.0	2246.2	2256.4	2263.3	2263.3	2276.9	2273.5	2273.5
5°	2215.5	2208.7	2205.2	2229.1	2242.8	2270.1	2300.8	2314.5	2338.4	2338.4	2341.8
7.5°	2116.5	2113.1	2130.1	2177.9	2222.3	2290.6	2355.4	2393.0	2430.5	2437.4	2437.4
10°	2055.0	2051.6	2072.1	2130.1	2201.8	2300.8	2403.2	2481.7	2543.2	2560.3	2560.3
12.5°	2055.0	2055.0	2072.1	2130.1	2205.2	2324.7	2464.7	2597.8	2693.4	2713.9	2707.1
15°	2113.1	2109.7	2130.1	2191.6	2263.3	2375.9	2546.6	2724.1	2853.8	2891.4	2894.8
17.5°	2174.5	2171.1	2201.8	2280.3	2365.7	2478.3	2652.4	2870.9	3055.2	3103.0	3113.3
20°	2270.1	2266.7	2304.2	2379.3	2485.2	2614.9	2795.8	3045.0	3301.0	3352.2	3365.9
22.5°	2379.3	2382.8	2423.7	2515.9	2621.7	2792.4	3014.3	3290.8	3598.0	3676.5	3690.2
25°	2608.1	2597.8	2632.0	2696.8	2809.5	3014.3	3287.4	3587.8	3953.0	4048.6	4065.7
27.5°	2911.9	2894.8	2932.4	2997.2	3079.1	3270.3	3584.4	3918.9	4359.3	4478.8	4482.2
30°	3185.0	3174.7	3225.9	3359.1	3444.4	3591.2	3925.7	4308.1	4861.1	5035.2	5042.0
32.5°	3420.5	3417.1	3512.7	3683.4	3877.9	4035.0	4359.3	4799.6	5496.0	5697.4	5653.1
35°	3645.8	3656.1	3775.5	3953.0	4212.5	4526.5	4854.3	5356.1	6165.1	6407.5	6335.8
37.5°	3874.5	3881.4	4038.4	4267.1	4540.2	4949.8	5390.2	5960.3	6745.4	7045.8	6888.8
40°	4086.2	4106.7	4318.3	4564.1	4919.1	5335.6	5827.2	6380.2	7192.6	7489.6	7318.9
42.5°	4297.8	4328.6	4557.3	4895.2	5274.1	5707.7	6131.0	6636.2	7479.4	7810.5	7547.7
45°	4516.3	4536.8	4820.1	5171.7	5601.9	6001.3	6305.1	6800.1	7677.4	8035.8	7677.4
47.5°	4663.1	4704.1	5014.7	5420.9	5851.1	6226.6	6445.0	6868.3	7803.7	8182.6	7725.2
50°	4721.1	4779.2	5113.7	5564.3	6055.9	6438.2	6554.3	6905.9	7943.6	8312.3	7714.9
52.5°	4710.9	4765.5	5130.8	5629.2	6219.7	6632.8	6660.1	6946.9	8042.6	8356.7	7626.2
53°	4656.3	4731.4	5141.0	5632.6	6243.6	6684.0	6707.9	6950.3	8056.3	8418.1	7612.5
55°	4468.5	4509.5	5035.2	5629.2	6356.3	6875.2	6841.0	7052.7	8093.8	8377.2	7462.3
57.5°	4297.8	4338.8	4796.2	5564.3	6448.5	7144.8	7056.1	7035.6	7889.0	8145.1	7083.4
60°	4188.6	4202.2	4588.0	5359.5	6410.9	7332.6	7196.1	6834.2	7383.8	7595.5	6417.7
62.5°	4096.4	4093.0	4434.4	5065.9	6267.5	7359.9	7223.4	6335.8	6643.0	6677.2	5530.2
65°	3888.2	3864.3	4195.4	4734.8	5970.5	7237.0	6888.8	5581.4	5659.9	5547.2	4441.2
67.5°	3475.1	3423.9	3717.5	4229.6	5366.3	6888.8	6250.5	4704.1	4461.7	4236.4	3345.4
70°	2488.6	2488.6	2724.1	3236.2	4308.1	5953.5	5366.3	3560.5	3072.3	2870.9	2236.0
72.5°	1218.7	1249.4	1495.2	1911.7	2888.0	4321.7	4110.1	2307.7	1863.9	1764.9	1433.7
75°	518.9	522.3	638.4	846.6	1464.5	2556.9	2573.9	1331.3	1194.8	1147.0	949.0
77.5°	361.9	368.7	419.9	498.4	696.4	1174.3	1338.2	805.6	802.2	768.1	675.9
80°	276.5	283.3	317.5	372.1	467.7	600.8	693.0	546.2	573.5	539.4	488.2
82.5°	208.2	215.1	239.0	279.9	334.5	402.8	389.2	402.8	423.3	402.8	351.6
85°	140.0	143.4	160.4	194.6	215.1	242.4	242.4	293.6	307.2	300.4	276.5
87.5°	71.7	71.7	85.3	102.4	109.2	112.7	99.0	129.7	146.8	160.4	129.7
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-SB4B-935-U-T3LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6	2249.6
2.5°	2273.5	2276.9	2266.7	2263.3	2259.9	2242.8	2242.8	2225.7	2222.3	2225.7	2215.5
5°	2348.6	2341.8	2314.5	2294.0	2270.1	2222.3	2195.0	2157.4	2147.2	2137.0	2126.7
7.5°	2440.8	2430.5	2382.8	2328.1	2263.3	2171.1	2119.9	2058.5	2038.0	2020.9	2014.1
10°	2556.9	2536.4	2461.3	2345.2	2225.7	2113.1	2041.4	1966.3	1932.1	1925.3	1908.3
12.5°	2707.1	2669.5	2529.5	2348.6	2191.6	2044.8	1966.3	1908.3	1894.6	1891.2	1874.1
15°	2874.3	2819.7	2594.4	2352.0	2147.2	1986.8	1939.0	1908.3	1908.3	1904.8	1894.6
17.5°	3079.1	2990.4	2655.8	2338.4	2092.6	1969.7	1945.8	1918.5	1911.7	1915.1	1901.4
20°	3324.9	3178.1	2720.7	2321.3	2068.7	1973.1	1945.8	1908.3	1891.2	1887.8	1877.5
22.5°	3608.3	3393.2	2792.4	2294.0	2068.7	1969.7	1925.3	1874.1	1840.0	1826.3	1812.7
25°	3932.6	3642.4	2867.5	2283.8	2075.5	1956.0	1884.4	1802.4	1747.8	1727.3	1717.1
27.5°	4325.1	3905.3	2922.1	2294.0	2072.1	1925.3	1812.7	1706.8	1645.4	1611.3	1604.4
30°	4758.7	4188.6	2959.7	2311.1	2051.6	1867.3	1727.3	1607.8	1522.5	1481.5	1471.3
32.5°	5270.7	4506.1	2997.2	2311.1	2000.4	1785.4	1628.3	1498.6	1409.9	1362.1	1355.2
35°	5837.4	4895.2	3031.4	2307.7	1939.0	1696.6	1529.3	1396.2	1304.0	1256.2	1252.8
37.5°	6318.7	5188.8	3048.4	2273.5	1853.6	1594.2	1437.2	1304.0	1208.4	1157.2	1153.8
40°	6615.7	5311.7	3014.3	2205.2	1751.2	1488.4	1334.8	1211.9	1116.3	1054.8	1041.2
42.5°	6728.4	5253.7	2905.0	2092.6	1628.3	1382.5	1249.4	1119.7	993.4	942.2	931.9
45°	6690.8	5028.4	2672.9	1932.1	1491.8	1287.0	1174.3	1027.5	945.6	901.2	897.8
47.5°	6564.5	4680.2	2382.8	1730.7	1348.4	1201.6	1075.3	1003.6	928.5	880.7	877.3
50°	6342.6	4308.1	2034.6	1502.0	1218.7	1112.9	1051.4	993.4	931.9	894.4	887.6
52.5°	6059.3	3888.2	1713.7	1280.1	1106.0	1034.3	1027.5	986.6	938.8	897.8	880.7
53°	5994.4	3779.0	1652.2	1242.6	1089.0	1024.1	1020.7	986.6	931.9	894.4	880.7
55°	5683.8	3441.0	1457.6	1109.4	1003.6	990.0	1020.7	983.1	914.9	884.1	873.9
57.5°	5185.4	2997.2	1269.9	986.6	914.9	949.0	1010.5	969.5	894.4	839.8	822.7
60°	4584.6	2488.6	1126.5	904.6	850.0	897.8	969.5	921.7	819.3	792.0	788.6
62.5°	3867.7	2014.1	1017.3	836.4	795.4	843.2	908.0	826.1	751.0	730.5	723.7
65°	3021.1	1601.0	931.9	785.1	740.8	778.3	822.7	771.5	723.7	706.6	703.2
67.5°	2246.2	1256.2	863.7	740.8	686.2	710.0	761.3	747.6	706.6	696.4	693.0
70°	1549.8	1020.7	802.2	699.8	617.9	645.2	723.7	733.9	693.0	686.2	682.7
72.5°	1085.6	863.7	737.4	655.4	563.3	590.6	706.6	706.6	662.3	672.5	665.7
75°	815.9	727.1	662.3	600.8	495.0	535.9	682.7	675.9	631.5	675.9	658.8
77.5°	614.5	587.2	573.5	532.5	433.5	474.5	634.9	621.3	563.3	566.7	535.9
80°	447.2	454.0	491.6	454.0	361.9	392.6	535.9	529.1	457.4	471.1	433.5
82.5°	320.9	338.0	419.9	365.3	262.9	279.9	368.7	399.4	358.4	338.0	344.8
85°	242.4	252.6	338.0	269.7	163.9	184.3	252.6	286.7	279.9	259.4	262.9
87.5°	102.4	116.1	157.0	126.3	95.6	95.6	157.0	201.4	180.9	153.6	160.4
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	R9:	59.8
R2:	94.4	R10:	85.8
R3:	95.6	R11:	93.2
R4:	93.2	R12:	78.0
R5:	91.4	R13:	92.5
R6:	92.5	R14:	97.0
R7:	94.5	R15:	88.4
R8:	84.2		



**Test Conditions**

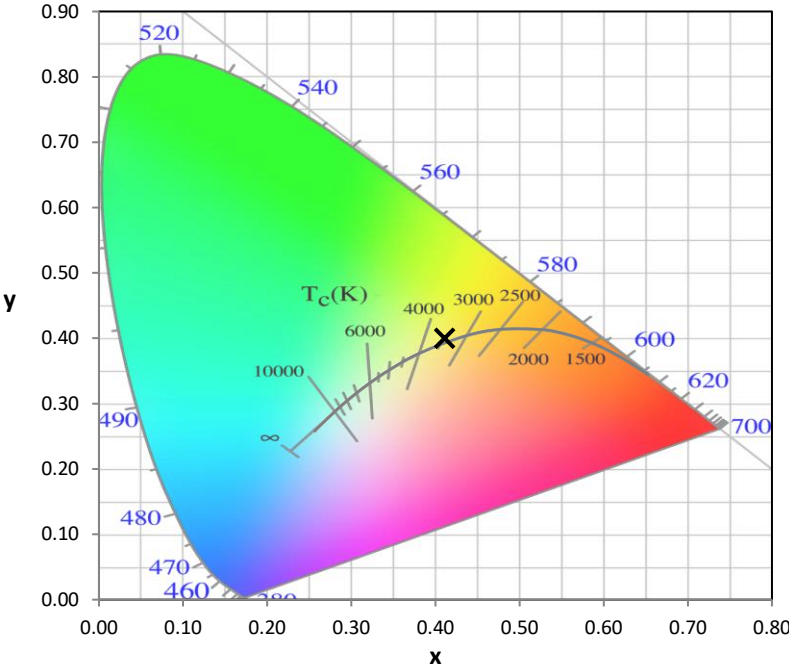
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

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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**

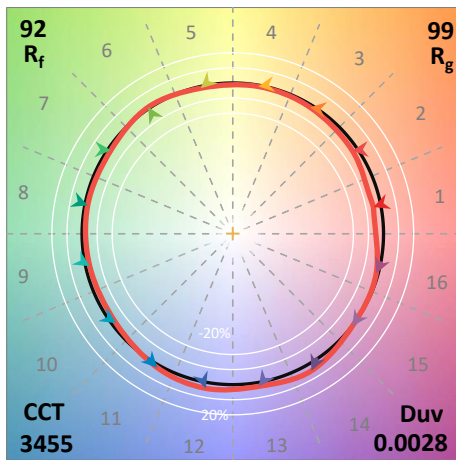
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	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)