

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: P1456274

Luminaire Tested: GLAN-SB4D-935-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456274  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4D-935-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square  
PACKAGE 90CRI 3500K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (104) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 27466.1 lumens  
Efficiency: N/A  
Efficacy: 93.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

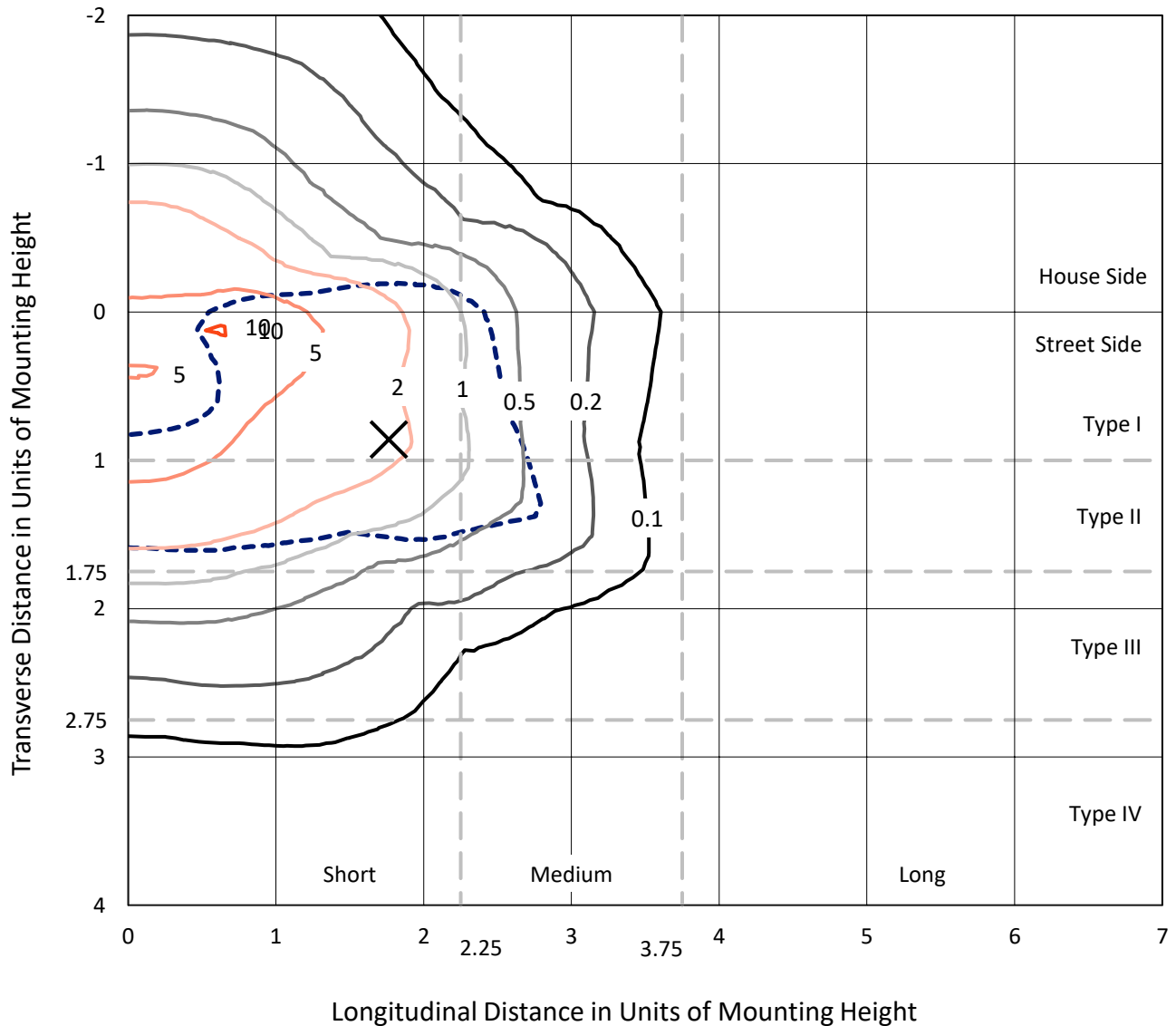
Input Watts (W): 293.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4D-935-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

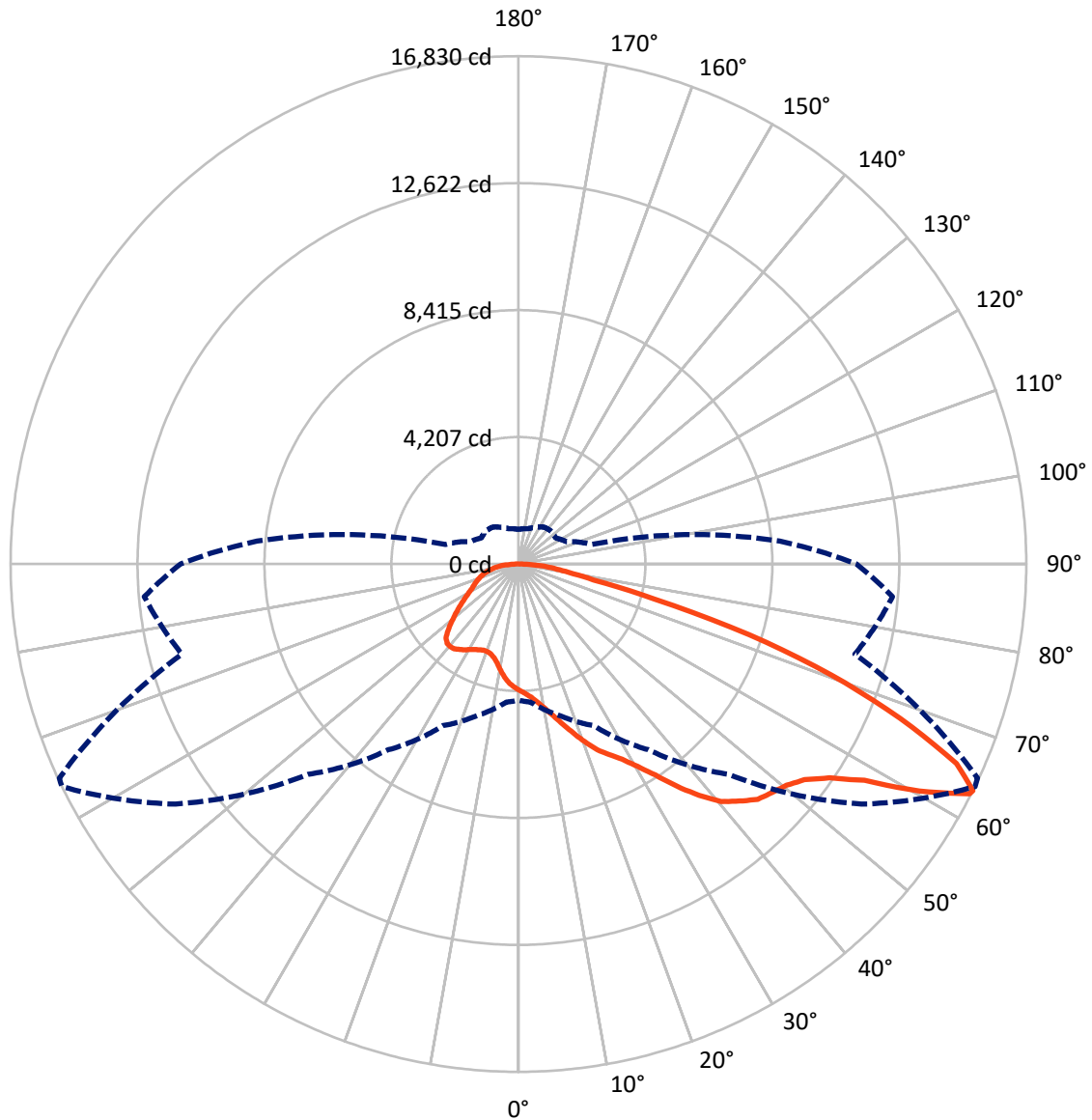


Based on 25 foot mounting height. Maximum calculated value = 10.3 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7379.4	0.0	7379.4
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	20086.7	0.0	20086.7
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	27466.1	0.0	27466.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	384.0	1.4
10°-20°	1182.3	4.3
20°-30°	2162.0	7.9
30°-40°	3718.9	13.5
40°-50°	5484.4	20.0
50°-60°	6573.4	23.9
60°-70°	5275.8	19.2
70°-80°	2120.0	7.7
80°-90°	565.3	2.1
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°	27466.1	100.0
0°-180°	27466.1	100.0



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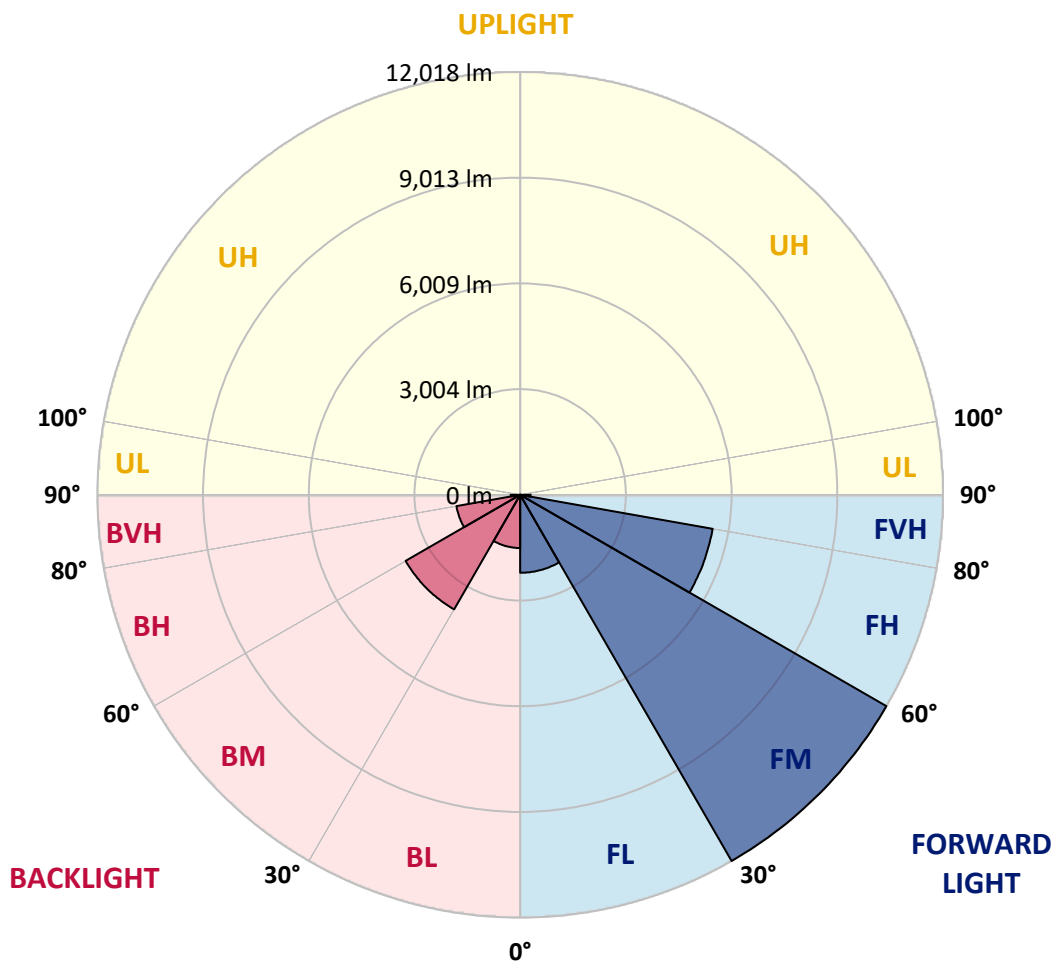
CATALOG NUMBER: GLAN-SB4D-935-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2216.0	8.1			
FM (30°-60°)	12017.9	43.8			
FH (60°-80°)	5555.9	20.2			G3/7500
FVH (80°-90°)	297.0	1.1			G3/500
BL (0°-30°)	1512.3	5.5	B3/2500		
BM (30°-60°)	3758.9	13.7	B3/5000		
BH (60°-80°)	1839.9	6.7	B3/2500		G3/2500
BVH (80°-90°)	268.3	1.0			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8
2.5°	4355.5	4361.7	4343.2	4337.0	4349.3	4324.7	4318.5	4293.8	4281.5	4256.8	4226.0
5°	4478.9	4485.1	4472.7	4472.7	4485.1	4466.6	4460.4	4435.7	4423.4	4398.7	4337.0
7.5°	4472.7	4478.9	4491.2	4540.6	4602.3	4627.0	4645.5	4627.0	4620.8	4583.8	4522.1
10°	4374.0	4380.2	4411.0	4485.1	4639.3	4750.3	4867.6	4867.6	4879.9	4849.1	4738.0
12.5°	4238.3	4244.5	4318.5	4435.7	4639.3	4830.6	5071.2	5169.9	5163.7	5145.2	5015.6
15°	3911.3	3911.3	4022.4	4244.5	4571.4	4886.1	5243.9	5509.2	5515.3	5533.8	5379.6
17.5°	3633.7	3639.9	3732.4	3929.8	4355.5	4855.2	5429.0	5885.5	5904.0	6008.9	5786.8
20°	3658.4	3658.4	3689.2	3775.6	4121.1	4731.8	5533.8	6286.5	6348.2	6595.0	6317.3
22.5°	3849.6	3849.6	3874.3	3868.1	4077.9	4651.6	5601.7	6687.5	6798.6	7310.6	6952.8
25°	4201.3	4195.1	4170.4	4133.4	4256.8	4738.0	5755.9	6996.0	7211.9	8100.3	7686.9
27.5°	4633.1	4620.8	4583.8	4522.1	4608.5	4997.1	6021.2	7322.9	7557.4	8964.0	8464.3
30°	5169.9	5132.8	5095.8	5015.6	5108.2	5422.8	6416.1	7785.6	8007.7	9944.9	9402.0
32.5°	5805.3	5848.5	5725.1	5614.0	5712.8	6002.7	7002.1	8334.7	8575.3	10969.0	10376.7
35°	6755.4	6884.9	6847.9	6286.5	6379.0	6699.8	7686.9	9044.2	9260.1	11900.6	11376.2
37.5°	7693.1	7662.3	7693.1	7224.2	7076.2	7464.8	8421.1	9722.8	9932.5	12659.4	12258.4
40°	8445.8	8538.3	8538.3	8155.8	7964.5	8223.7	9087.4	10345.9	10549.5	13078.9	12893.8
42.5°	9266.3	9278.6	9253.9	8920.8	8846.8	8914.6	9673.4	10740.7	10907.3	13294.8	13325.7
45°	10191.7	10185.5	10080.6	9803.0	9691.9	9630.3	10037.4	11123.2	11289.8	13393.5	13560.1
47.5°	10956.7	10987.5	10993.7	10697.5	10512.5	10247.2	10352.1	11314.5	11505.7	13282.5	13609.4
50°	10999.8	11049.2	11283.6	11370.0	11333.0	10907.3	10642.0	11518.1	11709.3	13307.1	13788.4
52.5°	10728.4	10777.7	11080.0	11437.9	11869.7	11666.1	11098.5	11869.7	12067.1	13547.8	14195.5
55°	10000.4	10080.6	10531.0	11030.7	11801.8	12091.8	11906.7	12505.1	12690.2	13739.0	14670.6
57.5°	8704.9	8803.6	9426.7	10222.5	11277.5	11993.1	13078.9	13523.1	13677.3	13874.7	14676.7
60°	6508.6	6588.8	7563.5	8637.0	10222.5	11376.2	13776.0	15269.0	15355.4	13140.6	13843.9
62.5°	4793.5	4873.7	5527.7	6298.8	8032.4	10241.0	13911.7	16780.5	16792.8	11814.2	12696.4
63°	4515.9	4596.1	5188.4	5910.2	7514.2	9858.5	13868.6	16829.8	16786.6	11542.7	12443.4
65°	3516.5	3658.4	4275.3	4824.4	5632.6	7847.3	13313.3	15953.8	16015.5	10740.7	11172.6
67.5°	2393.7	2498.6	3282.1	3917.5	4256.8	4997.1	10919.6	13652.6	13751.3	9907.9	8914.6
70°	1850.8	1900.1	2356.7	3103.2	3442.5	3177.2	7119.4	10993.7	10993.7	7736.3	6317.3
72.5°	1449.8	1468.3	1776.8	2424.5	2770.0	2443.0	3966.9	7995.4	7699.3	4589.9	4213.6
75°	1036.4	1061.1	1338.7	1807.6	2208.6	1924.8	2535.6	4657.8	4478.9	2640.5	2813.2
77.5°	820.5	832.9	999.4	1332.6	1789.1	1468.3	1931.0	2541.7	2517.1	1857.0	1807.6
80°	647.8	672.5	783.5	956.2	1381.9	1147.5	1437.4	1678.0	1628.7	1277.0	1159.8
82.5°	462.7	505.9	604.6	728.0	1024.1	820.5	943.9	1184.5	1184.5	962.4	765.0
85°	283.8	320.8	357.8	450.4	728.0	530.6	499.7	765.0	783.5	721.8	493.5
87.5°	135.7	148.1	172.7	191.2	265.3	240.6	197.4	290.0	296.1	320.8	203.6
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-935-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8	4182.8
2.5°	4219.8	4207.5	4145.8	4084.1	4016.2	3954.5	3892.8	3843.5	3787.9	3800.3	3806.4
5°	4300.0	4269.1	4133.4	3973.0	3763.3	3565.8	3374.6	3238.9	3152.5	3127.8	3078.5
7.5°	4472.7	4398.7	4151.9	3812.6	3424.0	3115.5	2936.6	2856.4	2831.7	2837.9	2825.5
10°	4670.1	4559.1	4176.6	3621.4	3127.8	2918.1	2893.4	2942.7	2967.4	2992.1	2998.3
12.5°	4929.3	4750.3	4164.3	3411.6	2985.9	2948.9	3041.5	3134.0	3189.5	3226.5	3220.4
15°	5231.6	4991.0	4127.3	3238.9	2967.4	3066.1	3183.4	3288.2	3356.1	3393.1	3374.6
17.5°	5595.5	5274.7	4084.1	3127.8	3022.9	3140.2	3263.6	3368.4	3442.5	3467.1	3448.6
20°	6045.9	5595.5	4010.0	3078.5	3066.1	3171.0	3282.1	3380.8	3442.5	3467.1	3442.5
22.5°	6576.5	5978.0	3948.3	3078.5	3084.6	3171.0	3251.2	3325.2	3380.8	3399.3	3368.4
25°	7255.1	6422.2	3923.7	3127.8	3090.8	3140.2	3183.4	3226.5	3257.4	3269.7	3257.4
27.5°	7946.0	6934.3	3936.0	3189.5	3084.6	3097.0	3097.0	3103.2	3109.3	3115.5	3109.3
30°	8741.9	7452.5	3985.4	3269.7	3097.0	3035.3	3016.8	2979.8	2948.9	2924.2	2899.6
32.5°	9513.0	7946.0	4071.7	3386.9	3084.6	2967.4	2930.4	2837.9	2751.5	2677.5	2677.5
35°	10345.9	8458.1	4226.0	3473.3	3072.3	2905.7	2800.9	2696.0	2603.4	2498.6	2498.6
37.5°	11061.5	8896.1	4349.3	3572.0	3060.0	2831.7	2665.1	2547.9	2449.2	2344.3	2332.0
40°	11561.2	9149.1	4423.4	3609.0	3016.8	2733.0	2535.6	2387.5	2245.6	2103.7	2097.6
42.5°	11801.8	9136.7	4380.2	3596.7	2936.6	2609.6	2424.5	2227.1	2035.9	1906.3	1894.0
45°	11931.4	9056.5	4213.6	3491.8	2807.0	2480.1	2282.6	2072.9	1881.6	1764.4	1739.7
47.5°	11906.7	8859.1	3985.4	3232.7	2634.3	2338.2	2140.7	1924.8	1770.6	1702.7	1702.7
50°	11974.6	8704.9	3726.2	2936.6	2399.9	2171.6	2011.2	1813.8	1721.2	1634.9	1604.0
52.5°	12276.9	8834.4	3504.2	2659.0	2177.8	2011.2	1900.1	1733.6	1616.4	1560.8	1542.3
55°	12677.9	9112.0	3294.4	2412.2	1961.8	1869.3	1813.8	1659.5	1523.8	1468.3	1437.4
57.5°	12751.9	9303.3	3090.8	2171.6	1782.9	1758.2	1739.7	1530.0	1418.9	1375.8	1351.1
60°	12239.9	9161.4	2825.5	1955.7	1641.0	1653.4	1604.0	1449.8	1320.2	1277.0	1252.4
62.5°	11370.0	8791.2	2560.3	1770.6	1530.0	1554.7	1505.3	1351.1	1221.5	1178.3	1166.0
63°	11197.3	8692.5	2498.6	1752.1	1505.3	1536.2	1493.0	1338.7	1209.2	1166.0	1147.5
65°	10167.0	8100.3	2282.6	1653.4	1425.1	1425.1	1431.3	1277.0	1166.0	1147.5	1135.1
67.5°	8291.5	6761.5	2048.2	1536.2	1338.7	1357.2	1388.1	1301.7	1258.5	1246.2	1233.9
70°	6268.0	5089.7	1844.6	1425.1	1246.2	1307.9	1517.6	1480.6	1320.2	1209.2	1184.5
72.5°	4441.9	3467.1	1665.7	1314.1	1135.1	1289.4	1573.2	1412.8	1190.7	1061.1	1036.4
75°	2973.6	2233.3	1486.8	1196.8	1011.8	1190.7	1486.8	1289.4	1036.4	1005.6	968.6
77.5°	1869.3	1591.7	1307.9	1061.1	876.0	1061.1	1351.1	1147.5	894.5	906.9	851.4
80°	1141.3	1135.1	1098.1	900.7	703.3	845.2	1135.1	968.6	715.6	715.6	635.4
82.5°	678.6	820.5	931.6	746.5	512.1	604.6	820.5	728.0	598.4	579.9	542.9
85°	456.5	555.2	740.3	573.7	327.0	370.2	567.6	610.8	549.1	481.2	450.4
87.5°	166.6	222.1	339.3	234.4	141.9	222.1	425.7	444.2	333.1	259.1	234.4
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**

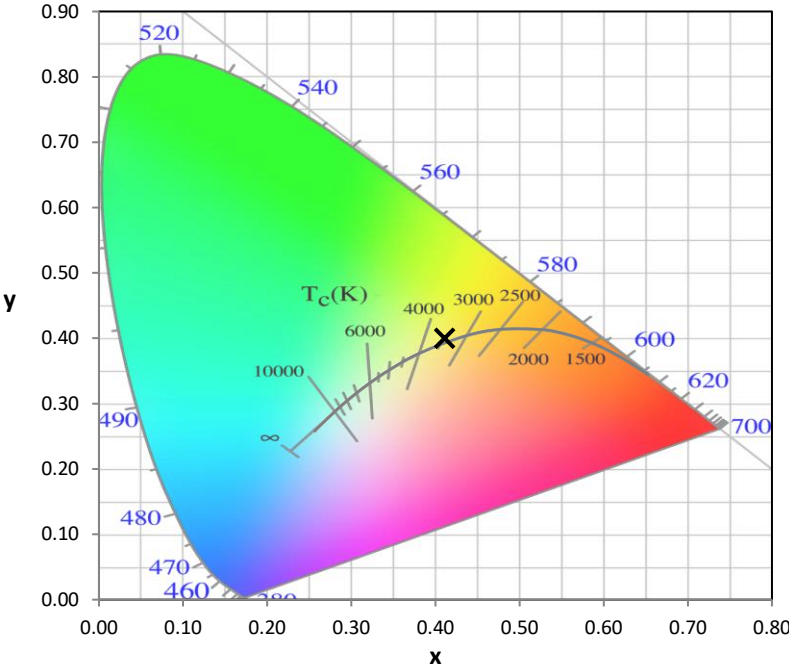
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

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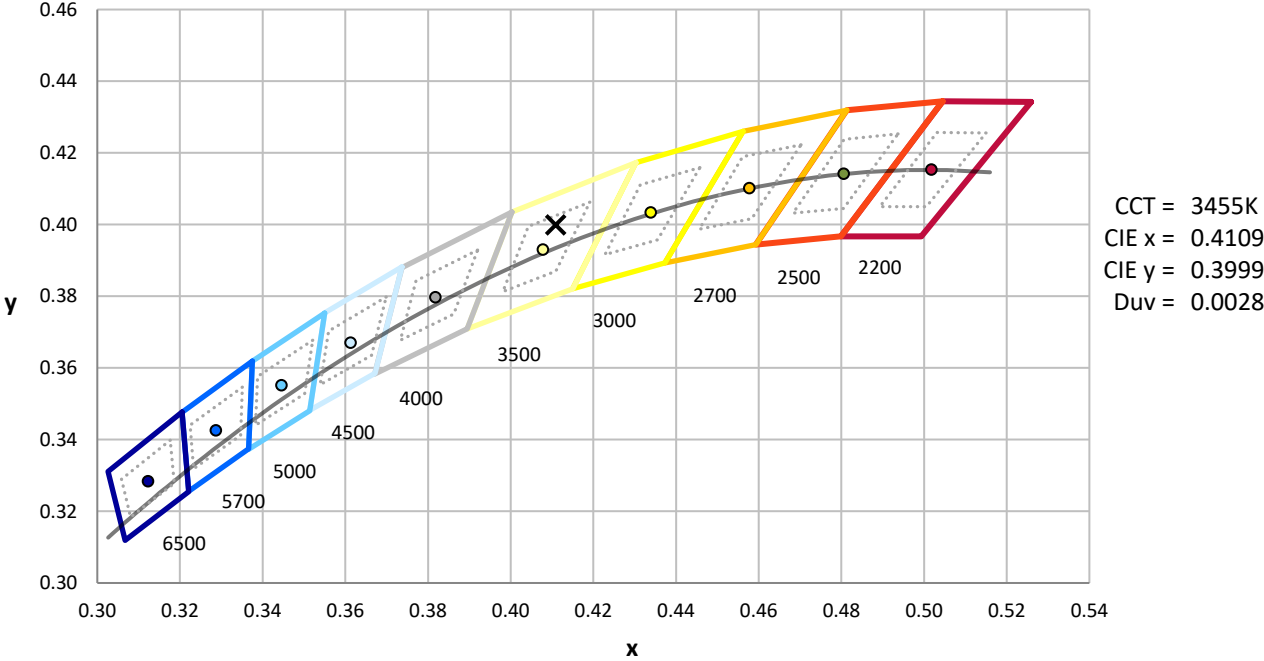
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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

REPORT NUMBER: SP1-2407-184-15

**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**

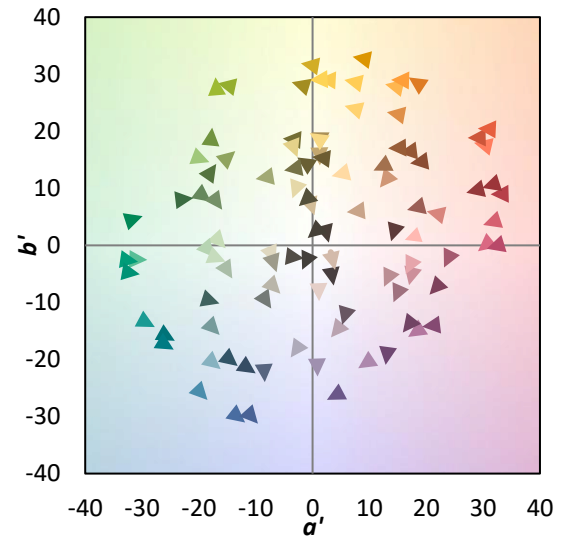
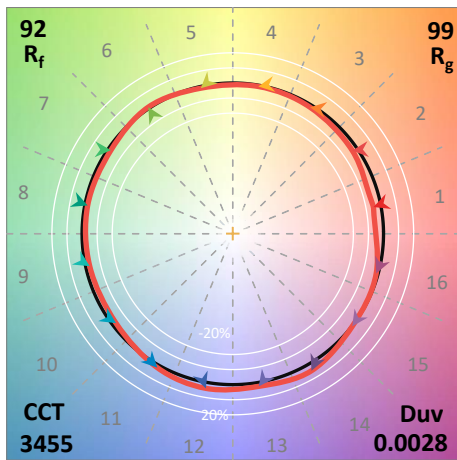
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625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