

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: P1457065

Luminaire Tested: GLAN-SB4C-735-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457065  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4C-735-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square  
PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (104) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 29367.8 lumens  
Efficiency: N/A  
Efficacy: 146.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3

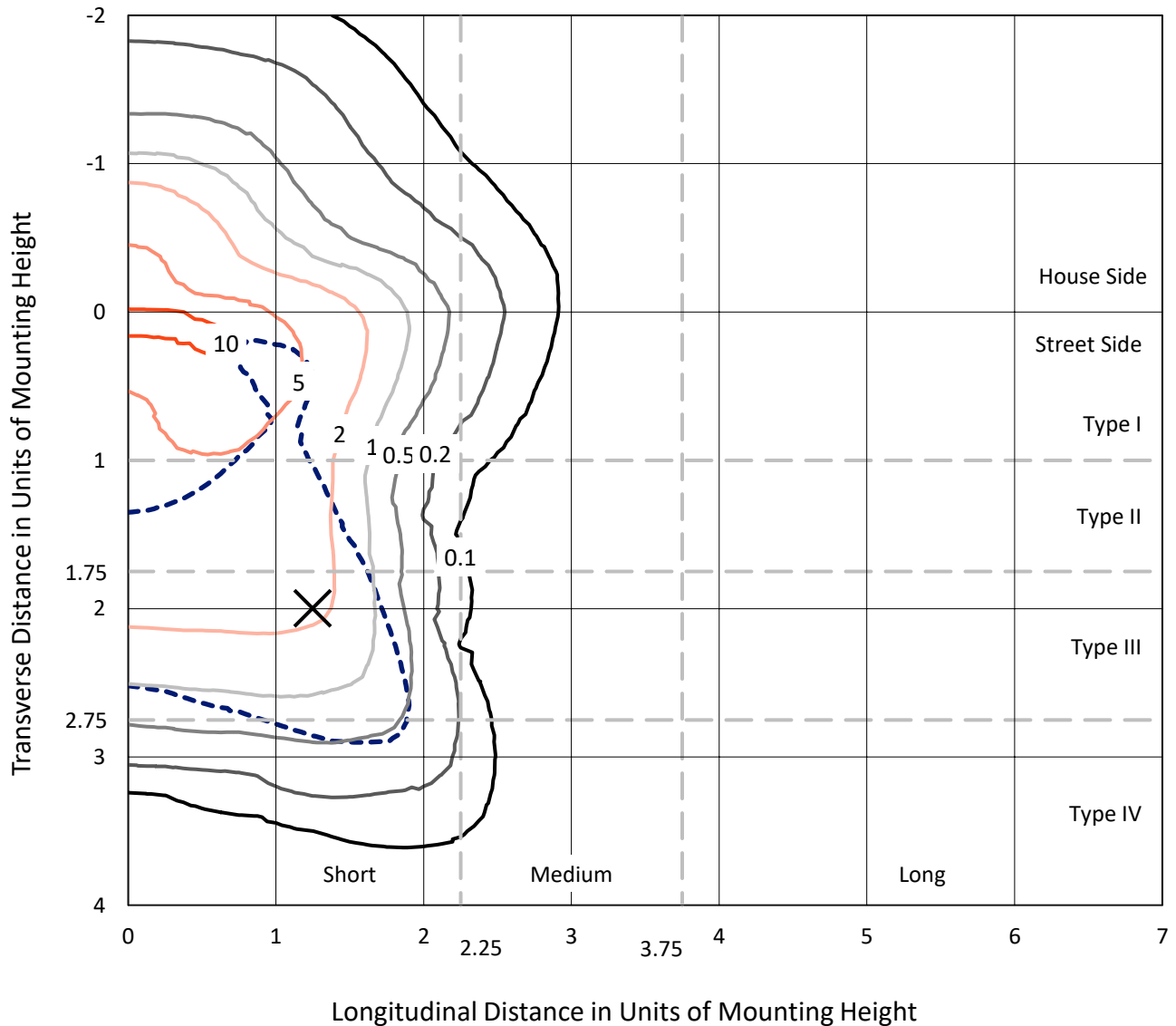
Input Watts (W): 200.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4C-735-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

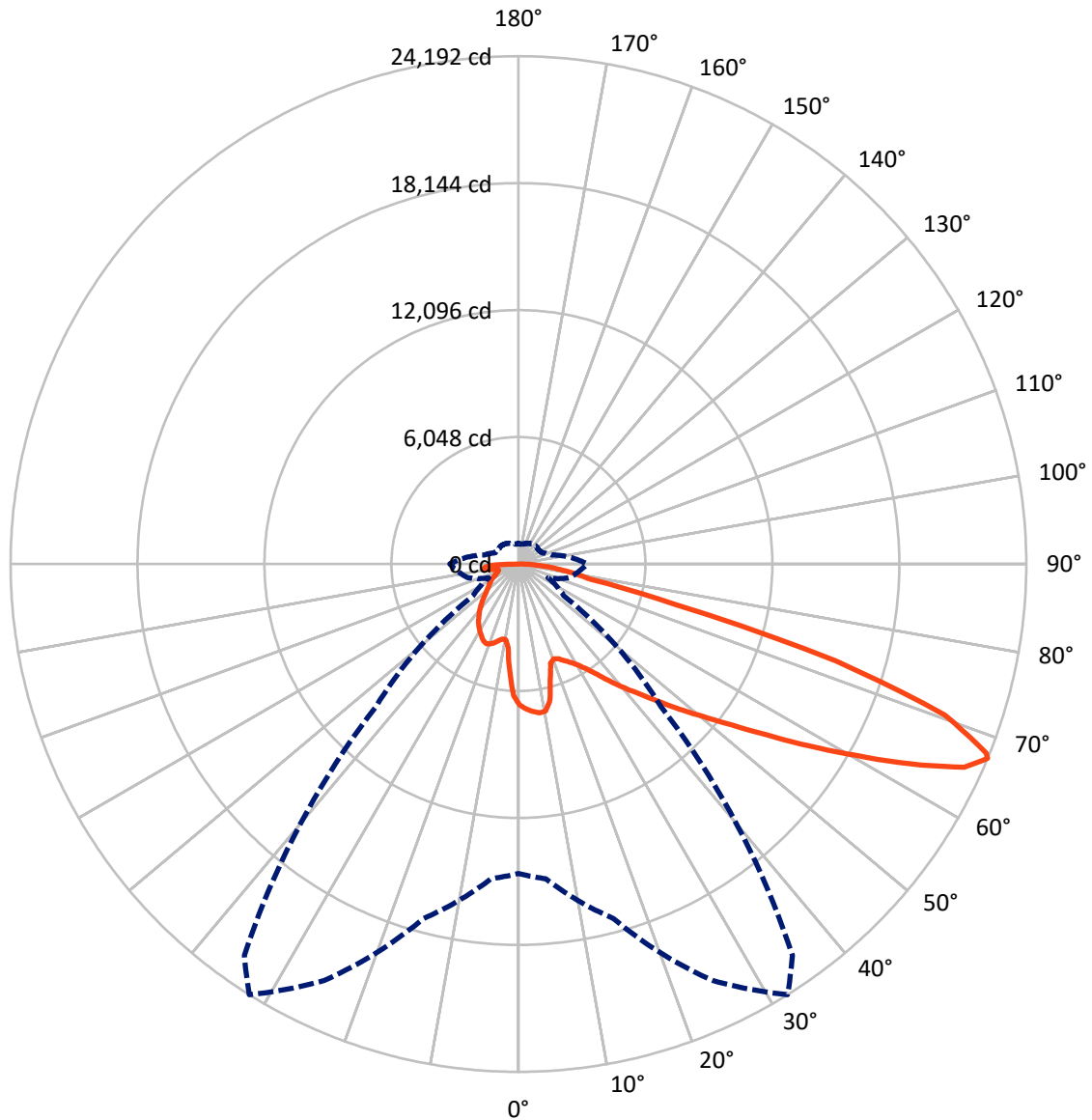


Based on 25 foot mounting height. Maximum calculated value = 11.6 fc  
 Type IV - Short - N/A

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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	6952.7	0.0	6952.7
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	22415.1	0.0	22415.1
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	29367.8	0.0	29367.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	586.3	2.0
10°-20°	1556.6	5.3
20°-30°	2542.1	8.7
30°-40°	3746.8	12.8
40°-50°	5167.0	17.6
50°-60°	6527.5	22.2
60°-70°	6317.4	21.5
70°-80°	2254.6	7.7
80°-90°	669.5	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°	29367.8	100.0
0°-180°	29367.8	100.0



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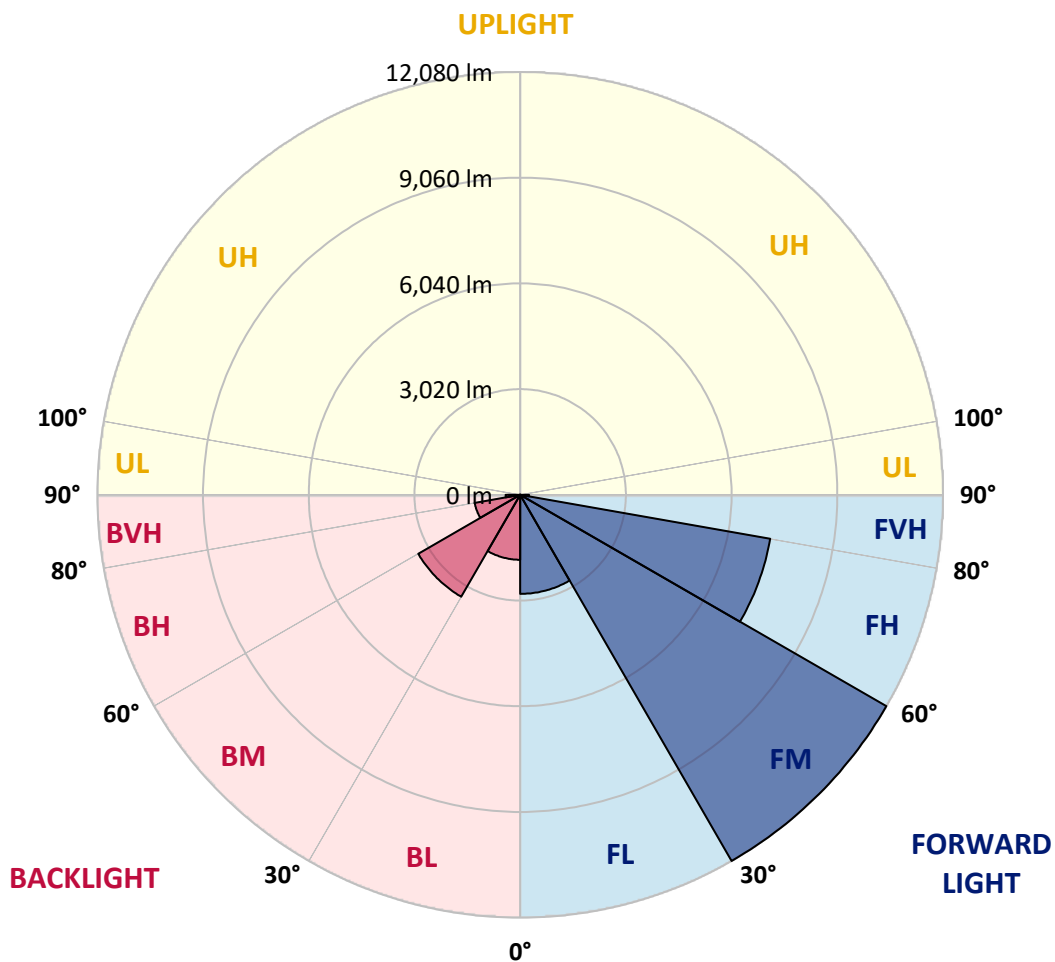
CATALOG NUMBER: GLAN-SB4C-735-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2829.6	9.6			
FM	(30°-60°)	12079.9	41.1			
FH	(60°-80°)	7253.2	24.7			G3/7500
FVH	(80°-90°)	252.3	0.9			G3/500
BL	(0°-30°)	1855.3	6.3	B3/2500		
BM	(30°-60°)	3361.3	11.4	B3/5000		
BH	(60°-80°)	1318.8	4.5	B3/2500		G3/2500
BVH	(80°-90°)	417.2	1.4			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 IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0
2.5°	6964.3	6944.7	6925.2	6938.2	6912.1	6905.6	6873.0	6859.9	6820.8	6814.3	6742.6
5°	7107.7	7068.6	7062.1	7075.1	7049.0	7049.0	7023.0	7003.4	6944.7	6912.1	6807.8
7.5°	7107.7	7101.2	7114.3	7159.9	7166.4	7166.4	7166.4	7172.9	7114.3	7068.6	6905.6
10°	6703.4	6638.2	6781.7	7009.9	7120.8	7186.0	7303.4	7375.1	7329.4	7296.8	7075.1
12.5°	5497.1	5503.6	5731.8	6220.9	6664.3	6853.4	7342.5	7603.3	7622.9	7570.7	7290.3
15°	4662.4	4695.0	4812.4	5164.5	5673.1	5953.5	7114.3	7805.5	7962.0	7909.8	7551.2
17.5°	4408.1	4427.7	4479.8	4682.0	4968.9	5197.1	6494.8	7935.9	8372.8	8307.6	7844.6
20°	4369.0	4382.0	4447.2	4616.8	4812.4	4942.8	5862.3	7831.6	8757.5	8731.4	8111.9
22.5°	4375.5	4388.5	4473.3	4708.1	4910.2	5021.1	5660.1	7590.3	9161.8	9187.9	8385.8
25°	4388.5	4395.1	4525.5	4838.5	5092.8	5229.7	5790.5	7375.1	9500.9	9722.6	8685.8
27.5°	4460.3	4479.8	4655.9	5008.0	5308.0	5464.5	6097.0	7446.8	9872.6	10329.0	9044.4
30°	4655.9	4668.9	4884.1	5249.3	5575.3	5738.4	6462.2	7733.7	10329.0	10955.0	9396.6
32.5°	4962.4	4975.4	5223.2	5601.4	5953.5	6149.2	6938.2	8281.5	10837.7	11613.7	9748.7
35°	5386.2	5392.8	5673.1	6077.4	6449.1	6670.8	7492.5	8901.0	11365.9	12174.4	10009.5
37.5°	5888.3	5934.0	6220.9	6644.8	7081.7	7283.8	8144.6	9624.8	11835.4	12650.5	10159.5
40°	6579.5	6592.6	6873.0	7283.8	7746.8	7942.4	8796.6	10309.5	12350.5	12930.9	10296.4
42.5°	7290.3	7401.2	7635.9	8092.4	8438.0	8594.5	9540.0	10935.5	12761.3	12943.9	10237.7
45°	8242.4	8327.1	8561.9	8966.2	9311.8	9494.4	10342.1	11509.3	12970.0	12833.1	10107.3
47.5°	9331.3	9383.5	9572.6	9937.8	10322.5	10452.9	11176.8	11835.4	13048.2	12754.8	10048.6
50°	10616.0	10616.0	10752.9	11065.9	11418.0	11600.6	11946.2	12031.0	13276.5	12617.9	10198.6
52.5°	11698.4	11750.6	11933.2	12376.6	12728.7	12937.4	12546.1	12330.9	12813.5	11854.9	10244.3
55°	12735.2	12793.9	13204.7	13759.0	14358.9	14587.2	13296.0	12181.0	11255.0	10739.9	9931.3
57.5°	13726.4	13850.3	14365.5	15447.9	16354.3	16334.8	14248.1	10837.7	9187.9	9507.4	9246.6
60°	15108.8	15239.2	16060.9	17423.7	18532.3	18069.3	14261.1	9018.3	7159.9	7590.3	7962.0
62.5°	16263.0	16484.7	17691.1	19960.4	20977.6	20253.8	13080.8	6905.6	4753.7	5294.9	6155.7
65°	16158.7	16452.1	18323.6	21825.3	23344.7	22673.0	11352.8	4369.0	2451.8	3619.1	4310.3
67°	14737.1	15056.7	17482.4	21890.5	24192.4	22757.8	9585.7	2640.9	1558.5	2510.5	2993.1
67.5°	13922.0	14391.5	17065.1	21766.6	24035.9	22399.2	8790.1	2210.6	1467.2	2334.5	2725.7
70°	8561.9	9318.3	12807.0	19243.1	21544.9	18747.5	4884.1	1252.0	1193.3	1565.0	1884.5
72.5°	2575.7	2804.0	4942.8	12344.0	15813.1	13896.0	2197.5	965.1	1069.4	1258.5	1454.2
75°	1252.0	1336.8	2041.0	5047.1	7701.1	7662.0	1225.9	828.1	991.2	1056.4	1147.7
77.5°	802.1	854.2	1271.6	2823.5	3527.8	3143.1	886.8	723.8	880.3	867.3	854.2
80°	502.1	528.2	815.1	1636.7	2601.8	2171.4	652.1	593.4	756.4	671.6	606.4
82.5°	326.0	358.6	521.7	997.7	1858.4	1617.2	430.4	423.9	626.0	534.7	469.5
85°	215.2	241.3	332.6	586.9	1102.0	1154.2	280.4	293.4	482.5	404.3	358.6
87.5°	78.3	97.8	169.5	260.8	515.1	639.0	117.4	110.9	234.8	189.1	150.0
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-SB4C-735-U-T4LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0	6710.0
2.5°	6729.5	6710.0	6618.7	6540.4	6481.7	6403.5	6318.7	6220.9	6155.7	6168.7	6149.2
5°	6762.1	6710.0	6533.9	6266.5	6005.7	5679.7	5262.3	5014.5	4825.4	4727.6	4753.7
7.5°	6833.9	6742.6	6370.9	5829.6	5151.5	4486.4	4075.5	3840.8	3729.9	3684.3	3677.8
10°	6957.8	6801.3	6162.2	5151.5	4264.6	3814.7	3664.7	3599.5	3586.5	3586.5	3580.0
12.5°	7107.7	6859.9	5810.1	4492.9	3840.8	3677.8	3651.7	3658.2	3677.8	3697.3	3664.7
15°	7290.3	6886.0	5373.2	4095.1	3756.0	3716.9	3756.0	3801.7	3834.3	3860.3	3827.7
17.5°	7472.9	6859.9	4962.4	3906.0	3769.1	3821.2	3899.5	3971.2	3990.8	4029.9	4003.8
20°	7603.3	6768.7	4610.2	3834.3	3801.7	3919.0	4016.8	4095.1	4134.2	4160.3	4134.2
22.5°	7701.1	6651.3	4355.9	3762.5	3801.7	3945.1	4062.5	4153.8	4199.4	4225.5	4192.9
25°	7785.9	6488.3	4160.3	3658.2	3723.4	3860.3	3990.8	4082.1	4147.3	4186.4	4166.8
27.5°	7890.2	6357.8	3977.7	3501.7	3560.4	3690.8	3827.7	3938.6	4062.5	4127.7	4114.7
30°	8007.6	6292.6	3801.7	3332.2	3371.3	3501.7	3664.7	3814.7	3984.2	4069.0	4069.0
32.5°	8144.6	6247.0	3638.6	3169.1	3201.7	3345.2	3501.7	3638.6	3821.2	3958.2	3951.6
35°	8203.2	6194.8	3508.2	3019.2	3084.4	3201.7	3325.6	3416.9	3606.0	3769.1	3782.1
37.5°	8261.9	6175.3	3443.0	2901.8	2953.9	3045.2	3110.4	3156.1	3332.2	3501.7	3508.2
40°	8333.7	6266.5	3488.7	2823.5	2777.9	2869.2	2901.8	2927.9	3019.2	3130.0	3130.0
42.5°	8288.0	6331.8	3593.0	2751.8	2562.7	2667.0	2680.1	2673.6	2680.1	2686.6	2680.1
45°	8170.6	6266.5	3593.0	2640.9	2334.5	2445.3	2438.8	2406.2	2354.0	2217.1	2197.5
47.5°	8144.6	6227.4	3456.1	2458.4	2106.2	2197.5	2210.6	2145.4	1995.4	1851.9	1806.3
50°	8255.4	6299.1	3240.9	2236.7	1910.6	1988.9	2021.5	1910.6	1741.1	1591.1	1565.0
52.5°	8418.4	6390.4	2927.9	1995.4	1747.6	1825.8	1865.0	1741.1	1565.0	1447.6	1434.6
55°	8398.9	6390.4	2575.7	1773.7	1623.7	1682.4	1747.6	1617.2	1480.2	1415.0	1408.5
57.5°	7975.0	6149.2	2314.9	1617.2	1506.3	1558.5	1643.3	1519.4	1388.9	1402.0	1421.5
60°	7146.9	5523.2	2119.3	1512.8	1402.0	1454.2	1545.4	1402.0	1232.4	1186.8	1186.8
62.5°	5888.3	4551.6	1962.8	1408.5	1304.2	1369.4	1415.0	1225.9	1115.1	1062.9	1062.9
65°	4414.6	3521.3	1799.8	1323.7	1219.4	1291.1	1239.0	1147.7	1036.8	997.7	1004.2
67°	3273.5	2732.2	1662.8	1252.0	1167.2	1199.8	1160.7	1095.5	984.6	952.0	984.6
67.5°	2940.9	2595.3	1630.2	1232.4	1154.2	1180.3	1141.2	1089.0	971.6	939.0	971.6
70°	2021.5	1995.4	1454.2	1141.2	1082.5	1056.4	1075.9	1010.7	912.9	899.9	932.5
72.5°	1538.9	1591.1	1304.2	1062.9	1004.2	971.6	1017.3	952.0	854.2	873.8	906.4
75°	1206.4	1284.6	1167.2	952.0	912.9	919.4	1010.7	984.6	906.4	926.0	932.5
77.5°	893.4	1036.8	997.7	828.1	795.5	886.8	1141.2	1219.4	1082.5	1049.9	1004.2
80°	652.1	743.4	841.2	684.7	665.1	854.2	1408.5	1558.5	1336.8	1206.4	1173.8
82.5°	482.5	521.7	691.2	547.8	482.5	762.9	1565.0	1832.4	1591.1	1343.3	1304.2
85°	345.6	404.3	547.8	404.3	319.5	626.0	1532.4	1793.2	1578.0	1271.6	1239.0
87.5°	123.9	176.1	234.8	182.6	163.0	430.4	1265.0	1291.1	984.6	449.9	456.5
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-5  
 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-735-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3369  
 CIE u': 0.2386  
 CIE v': 0.5156  
 Duv: 0.0013  
 CIE x: 0.4143  
 CIE y: 0.3980  
 CIE z: 0.1877  
 Peak Wavelength (nm): 590  
 Dominant Wavelength (nm): 580  
 Purity: 43.80166  
 Rf: 71.4  
 Rg: 96

CRI (Ra):	70.1		
R1:	66.6	R9:	-40.2
R2:	77.6	R10:	49.1
R3:	88.5	R11:	66.3
R4:	69.5	R12:	45.7
R5:	66.4	R13:	68.0
R6:	69.6	R14:	93.4
R7:	77.5	R15:	57.6
R8:	44.9		



**Test Conditions**

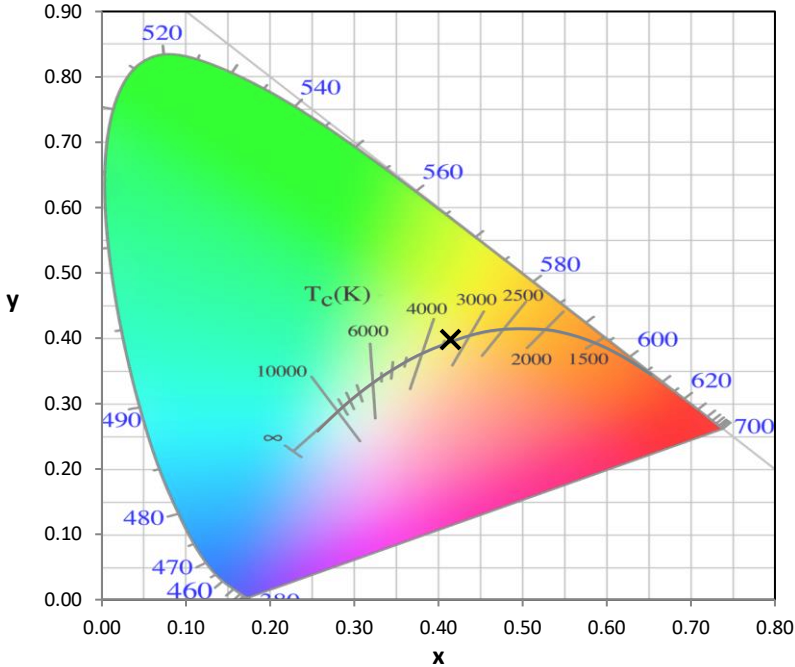
Stabilization Time: 21M  
 Operation Time: 1H 21M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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: SP1-2407-184-5

**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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

**Summary**

$R_f = 71.4$   
 $R_g = 96$   
 $CIE R_a = 70.1$   
 $R_9 = -40.2$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)