

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: P1456488

Luminaire Tested: GLAN-SB4B-735-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456488  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4B-735-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square  
PACKAGE 70CRI 3500K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (104) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

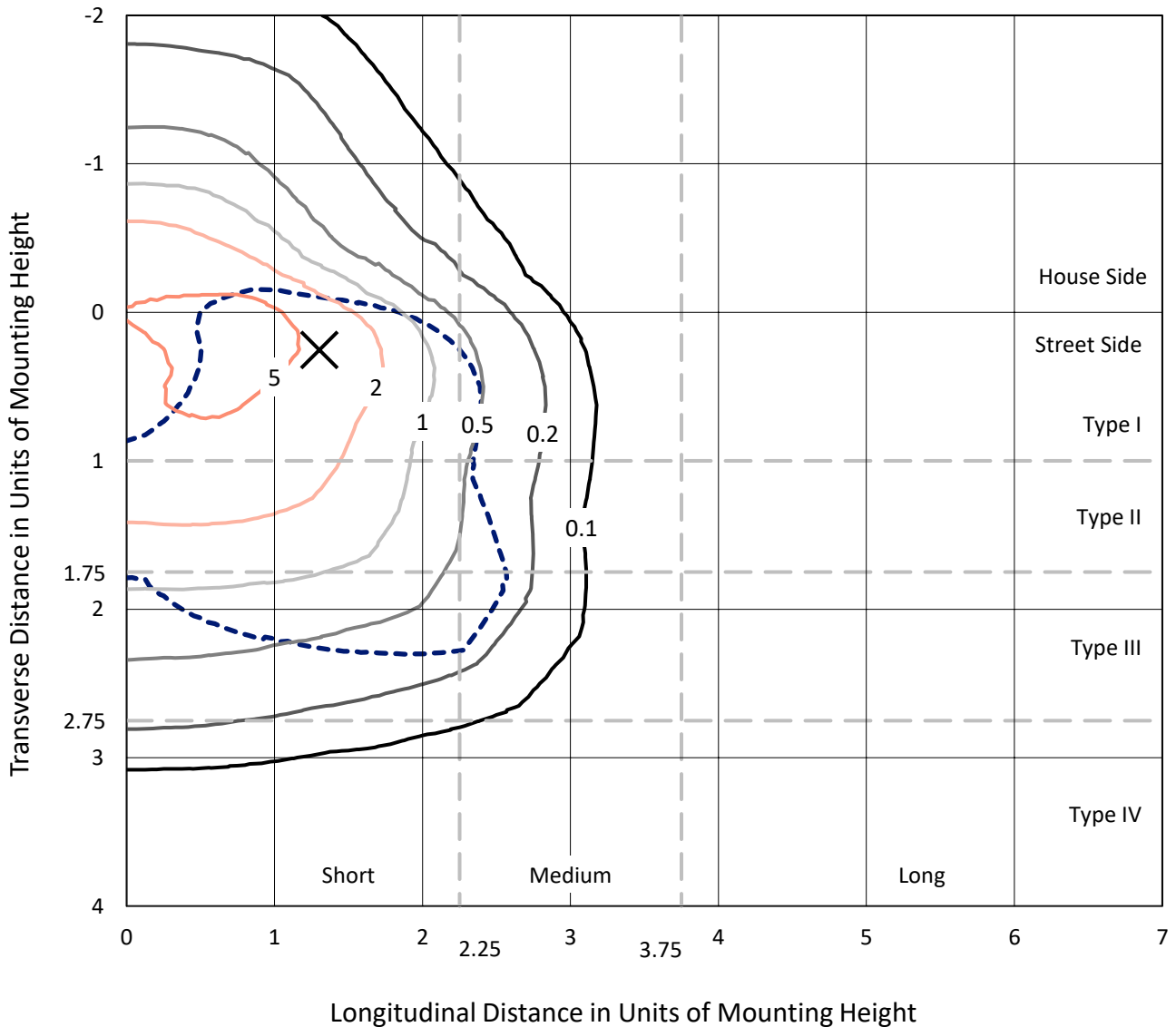
Lumens per Lamp: N/A  
Luminaire Lumens: 22008 lumens  
Efficiency: N/A  
Efficacy: 149.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 147  
Input Voltage (V): 120  
Input Current (Ain): NR  
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-735-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

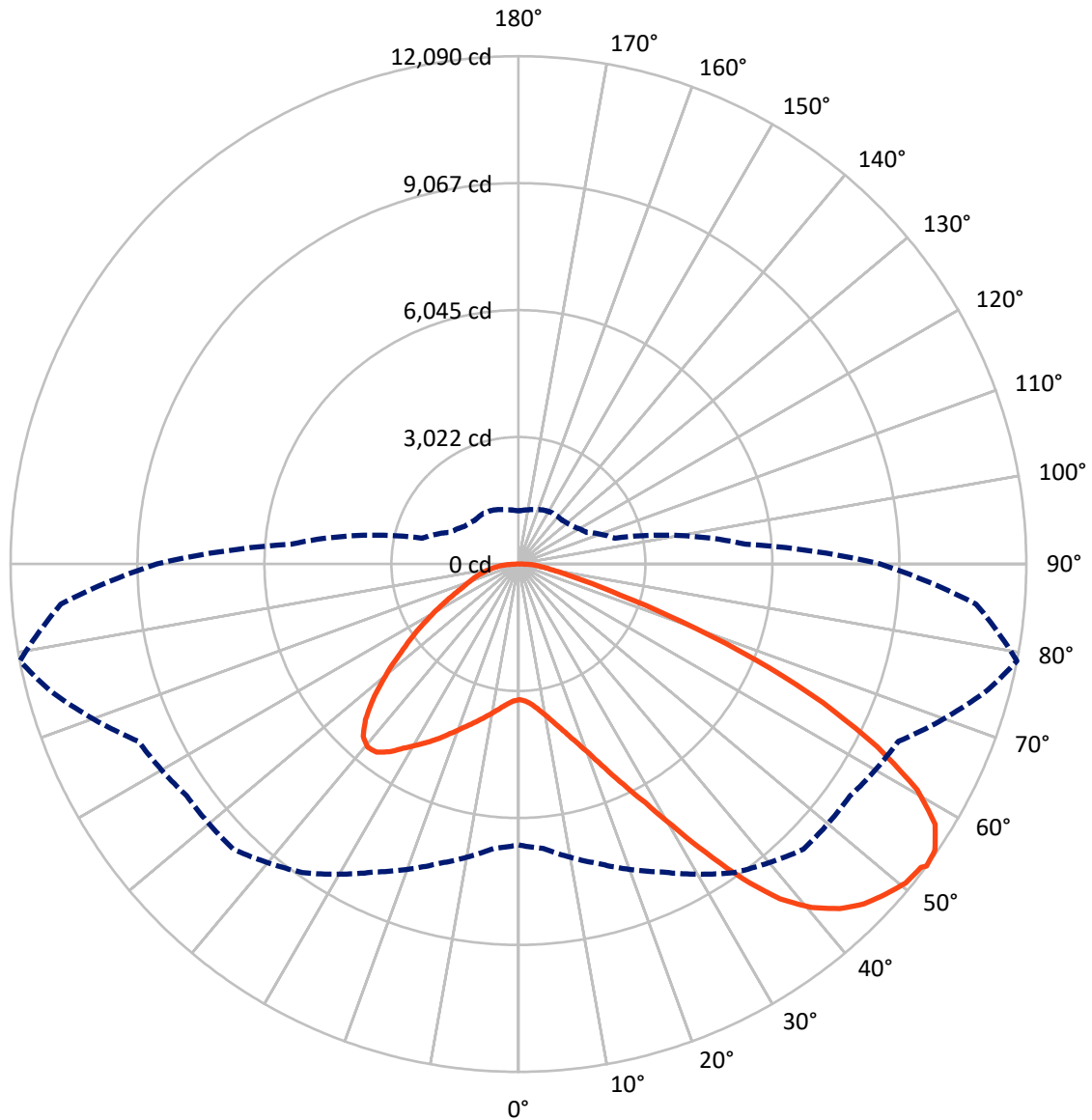


Based on 25 foot mounting height. Maximum calculated value = 8 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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

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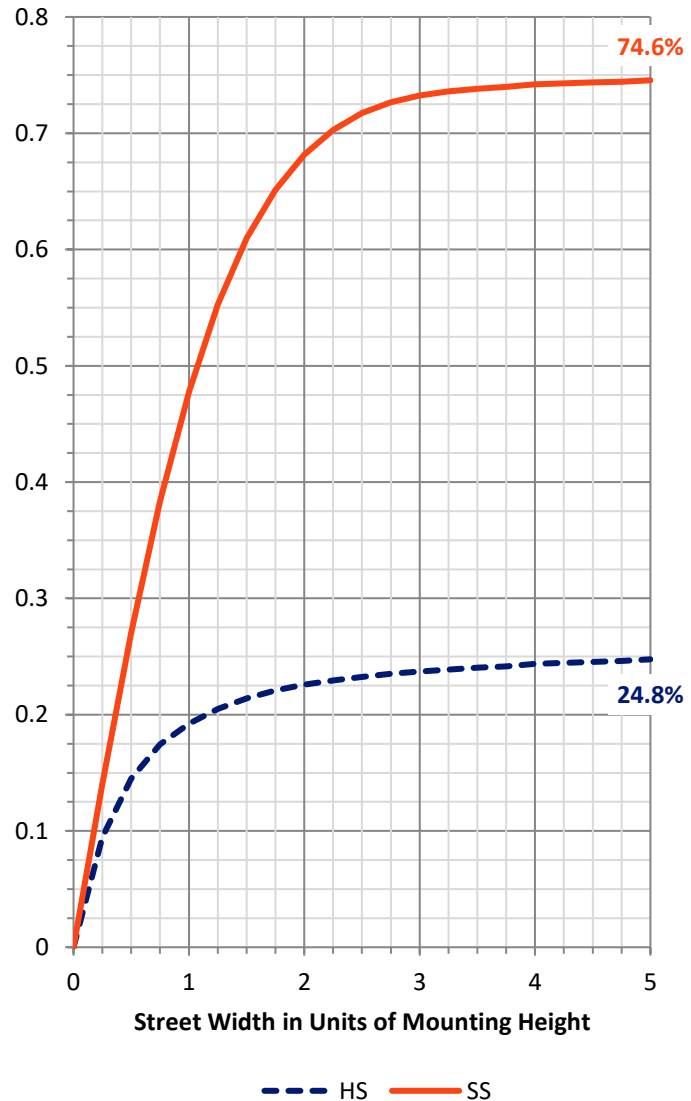
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5548.1	0.0	5548.1
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	16460.0	0.0	16460.0
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	22008.0	0.0	22008.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	307.8	1.4
10°-20°	953.3	4.3
20°-30°	1822.6	8.3
30°-40°	3129.3	14.2
40°-50°	4383.2	19.9
50°-60°	4974.3	22.6
60°-70°	4362.2	19.8
70°-80°	1705.7	7.8
80°-90°	369.6	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°	22008.0	100.0
0°-180°	22008.0	100.0



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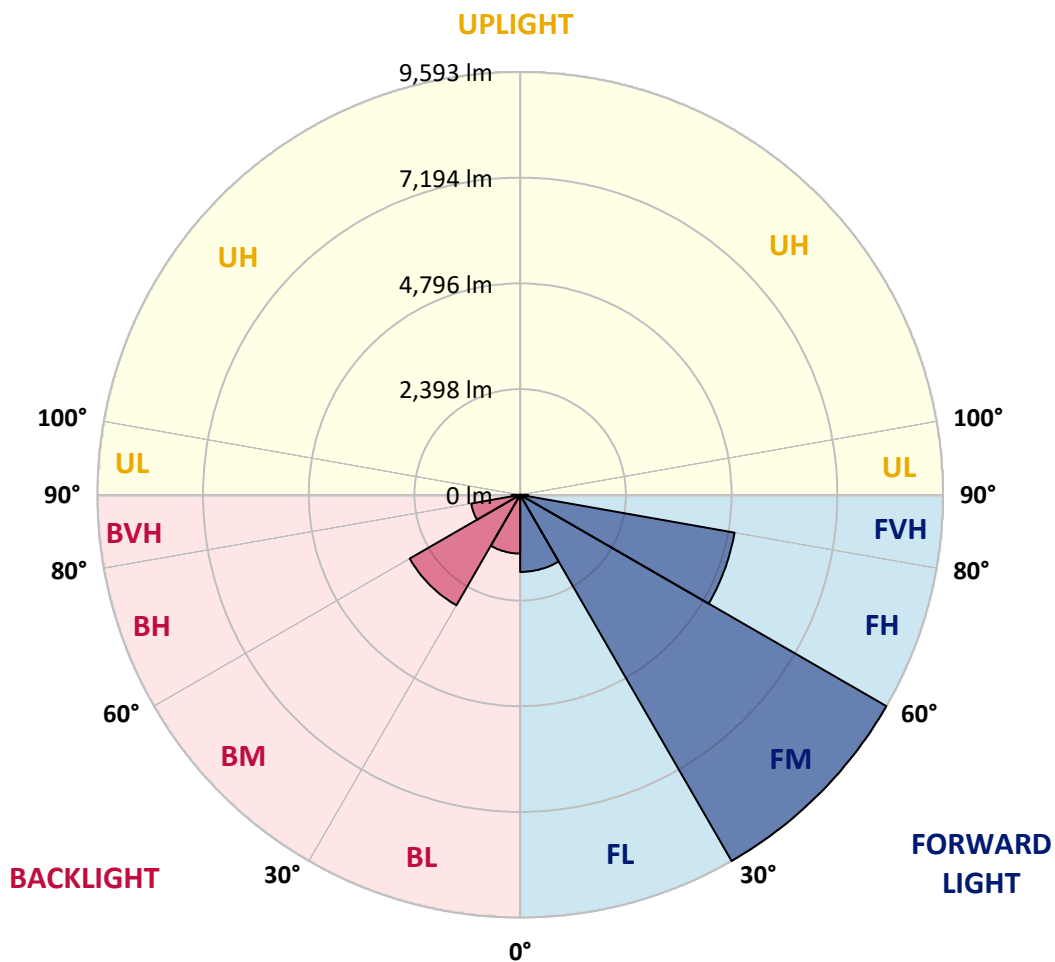
CATALOG NUMBER: GLAN-SB4B-735-U-T3LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1749.4	7.9			
FM (30°-60°)	9592.5	43.6			
FH (60°-80°)	4938.8	22.4			G2/5000
FVH (80°-90°)	179.3	0.8			G2/225
BL (0°-30°)	1334.3	6.1	B3/2500		
BM (30°-60°)	2894.3	13.2	B3/5000		
BH (60°-80°)	1129.1	5.1	B3/2500		G3/2500
BVH (80°-90°)	190.3	0.9			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

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

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8
2.5°	3235.7	3235.7	3216.1	3235.7	3225.9	3240.6	3250.4	3250.4	3270.1	3265.2	3265.2
5°	3181.8	3172.0	3167.1	3201.4	3221.0	3260.3	3304.4	3324.0	3358.3	3358.3	3363.2
7.5°	3039.6	3034.7	3059.2	3127.9	3191.6	3289.7	3382.8	3436.7	3490.7	3500.5	3500.5
10°	2951.4	2946.5	2975.9	3059.2	3162.2	3304.4	3451.5	3564.2	3652.5	3677.0	3677.0
12.5°	2951.4	2951.4	2975.9	3059.2	3167.1	3338.7	3539.7	3730.9	3868.2	3897.6	3887.8
15°	3034.7	3029.8	3059.2	3147.5	3250.4	3412.2	3657.4	3912.3	4098.6	4152.5	4157.4
17.5°	3123.0	3118.1	3162.2	3275.0	3397.5	3559.3	3809.3	4123.1	4387.9	4456.5	4471.2
20°	3260.3	3255.3	3309.3	3417.1	3569.1	3755.4	4015.3	4373.1	4740.8	4814.4	4834.0
22.5°	3417.1	3422.0	3480.9	3613.2	3765.2	4010.4	4329.0	4726.1	5167.4	5280.1	5299.7
25°	3745.6	3730.9	3779.9	3873.1	4034.9	4329.0	4721.2	5152.7	5677.3	5814.5	5839.0
27.5°	4181.9	4157.4	4211.4	4304.5	4422.2	4696.7	5147.8	5628.2	6260.7	6432.3	6437.2
30°	4574.2	4559.4	4633.0	4824.2	4946.8	5157.6	5638.0	6187.1	6981.4	7231.4	7241.2
32.5°	4912.4	4907.5	5044.8	5289.9	5569.4	5794.9	6260.7	6893.1	7893.2	8182.5	8118.8
35°	5236.0	5250.7	5422.3	5677.3	6049.9	6500.9	6971.5	7692.2	8854.2	9202.2	9099.3
37.5°	5564.5	5574.3	5799.8	6128.3	6520.5	7108.8	7741.3	8560.0	9687.6	10119.0	9893.5
40°	5868.5	5897.9	6201.8	6554.8	7064.7	7662.8	8368.8	9163.0	10329.9	10756.4	10511.2
42.5°	6172.4	6216.5	6545.0	7030.4	7574.6	8197.2	8805.1	9530.7	10741.7	11217.2	10839.7
45°	6486.2	6515.6	6922.5	7427.5	8045.2	8618.8	9055.2	9766.0	11026.0	11540.8	11026.0
47.5°	6697.0	6755.8	7202.0	7785.4	8403.1	8942.4	9256.2	9864.1	11207.4	11751.6	11094.7
50°	6780.3	6863.7	7344.1	7991.3	8697.3	9246.4	9413.1	9918.0	11408.4	11937.9	11080.0
52.5°	6765.6	6844.1	7368.7	8084.4	8932.6	9525.8	9565.0	9976.9	11550.6	12001.6	10952.5
53°	6687.2	6795.1	7383.4	8089.3	8966.9	9599.4	9633.7	9981.8	11570.2	12089.9	10932.9
55°	6417.5	6476.4	7231.4	8084.4	9128.7	9873.9	9824.9	10128.8	11624.1	12031.1	10717.2
57.5°	6172.4	6231.2	6888.2	7991.3	9261.1	10261.2	10133.7	10104.3	11330.0	11697.7	10173.0
60°	6015.5	6035.1	6589.1	7697.1	9207.1	10530.9	10334.8	9815.1	10604.4	10908.4	9217.0
62.5°	5883.2	5878.3	6368.5	7275.5	9001.2	10570.1	10374.0	9099.3	9540.5	9589.6	7942.3
65°	5584.1	5549.8	6025.3	6800.0	8574.7	10393.6	9893.5	8015.8	8128.6	7966.8	6378.3
67.5°	4990.9	4917.3	5339.0	6074.4	7706.9	9893.5	8976.7	6755.8	6407.7	6084.2	4804.6
70°	3574.0	3574.0	3912.3	4647.7	6187.1	8550.2	7706.9	5113.4	4412.4	4123.1	3211.2
72.5°	1750.2	1794.4	2147.4	2745.5	4147.6	6206.7	5902.8	3314.2	2676.8	2534.7	2059.1
75°	745.2	750.1	916.8	1215.9	2103.2	3672.1	3696.6	1912.0	1715.9	1647.3	1362.9
77.5°	519.7	529.5	603.0	715.8	1000.1	1686.5	1921.8	1157.0	1152.1	1103.1	970.7
80°	397.1	406.9	455.9	534.4	671.7	862.9	995.2	784.4	823.6	774.6	701.1
82.5°	299.1	308.9	343.2	402.0	480.5	578.5	558.9	578.5	607.9	578.5	505.0
85°	201.0	205.9	230.4	279.5	308.9	348.1	348.1	421.6	441.2	431.4	397.1
87.5°	103.0	103.0	122.6	147.1	156.9	161.8	142.2	186.3	210.8	230.4	186.3
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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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8	3230.8
2.5°	3265.2	3270.1	3255.3	3250.4	3245.5	3221.0	3221.0	3196.5	3191.6	3196.5	3181.8
5°	3373.0	3363.2	3324.0	3294.6	3260.3	3191.6	3152.4	3098.5	3083.8	3069.0	3054.3
7.5°	3505.4	3490.7	3422.0	3343.6	3250.4	3118.1	3044.5	2956.3	2926.9	2902.4	2892.6
10°	3672.1	3642.7	3534.8	3368.1	3196.5	3034.7	2931.8	2823.9	2774.9	2765.1	2740.6
12.5°	3887.8	3833.9	3632.9	3373.0	3147.5	2936.7	2823.9	2740.6	2721.0	2716.1	2691.5
15°	4128.0	4049.6	3726.0	3377.9	3083.8	2853.3	2784.7	2740.6	2740.6	2735.7	2721.0
17.5°	4422.2	4294.7	3814.2	3358.3	3005.3	2828.8	2794.5	2755.3	2745.5	2750.4	2730.8
20°	4775.2	4564.4	3907.4	3333.8	2971.0	2833.7	2794.5	2740.6	2716.1	2711.2	2696.4
22.5°	5182.1	4873.2	4010.4	3294.6	2971.0	2828.8	2765.1	2691.5	2642.5	2622.9	2603.3
25°	5647.8	5231.1	4118.2	3279.9	2980.8	2809.2	2706.3	2588.6	2510.1	2480.7	2466.0
27.5°	6211.6	5608.6	4196.7	3294.6	2975.9	2765.1	2603.3	2451.3	2363.1	2314.0	2304.2
30°	6834.3	6015.5	4250.6	3319.1	2946.5	2681.7	2480.7	2309.1	2186.6	2127.7	2113.0
32.5°	7569.7	6471.5	4304.5	3319.1	2872.9	2564.1	2338.6	2152.3	2024.8	1956.2	1946.3
35°	8383.5	7030.4	4353.5	3314.2	2784.7	2436.6	2196.4	2005.2	1872.8	1804.2	1799.3
37.5°	9074.8	7452.0	4378.1	3265.2	2662.1	2289.5	2064.0	1872.8	1735.5	1662.0	1657.1
40°	9501.3	7628.5	4329.0	3167.1	2515.1	2137.5	1916.9	1740.4	1603.2	1514.9	1495.3
42.5°	9663.1	7545.2	4172.1	3005.3	2338.6	1985.6	1794.4	1608.1	1426.7	1353.1	1338.4
45°	9609.2	7221.6	3838.8	2774.9	2142.5	1848.3	1686.5	1475.7	1358.0	1294.3	1289.4
47.5°	9427.8	6721.5	3422.0	2485.6	1936.5	1725.7	1544.3	1441.4	1333.5	1264.9	1260.0
50°	9109.1	6187.1	2922.0	2157.2	1750.2	1598.3	1510.0	1426.7	1338.4	1284.5	1274.7
52.5°	8702.2	5584.1	2461.1	1838.5	1588.5	1485.5	1475.7	1416.9	1348.2	1289.4	1264.9
53°	8609.0	5427.2	2372.9	1784.6	1563.9	1470.8	1465.9	1416.9	1338.4	1284.5	1264.9
55°	8162.9	4941.9	2093.4	1593.4	1441.4	1421.8	1465.9	1412.0	1313.9	1269.8	1255.1
57.5°	7447.1	4304.5	1823.8	1416.9	1313.9	1362.9	1451.2	1392.3	1284.5	1206.0	1181.5
60°	6584.2	3574.0	1617.9	1299.2	1220.8	1289.4	1392.3	1323.7	1176.6	1137.4	1132.5
62.5°	5554.7	2892.6	1461.0	1201.1	1142.3	1211.0	1304.1	1186.4	1078.6	1049.2	1039.4
65°	4338.8	2299.3	1338.4	1127.6	1063.9	1117.8	1181.5	1108.0	1039.4	1014.8	1009.9
67.5°	3225.9	1804.2	1240.4	1063.9	985.4	1019.7	1093.3	1073.7	1014.8	1000.1	995.2
70°	2225.8	1465.9	1152.1	1005.0	887.4	926.6	1039.4	1054.1	995.2	985.4	980.5
72.5°	1559.0	1240.4	1059.0	941.3	808.9	848.2	1014.8	1014.8	951.1	965.8	956.0
75°	1171.7	1044.3	951.1	862.9	710.9	769.7	980.5	970.7	907.0	970.7	946.2
77.5°	882.5	843.3	823.6	764.8	622.6	681.5	911.9	892.3	808.9	813.8	769.7
80°	642.2	652.1	706.0	652.1	519.7	563.8	769.7	759.9	657.0	676.6	622.6
82.5°	460.8	485.4	603.0	524.6	377.5	402.0	529.5	573.6	514.8	485.4	495.2
85°	348.1	362.8	485.4	387.3	235.3	264.7	362.8	411.8	402.0	372.6	377.5
87.5°	147.1	166.7	225.5	181.4	137.3	137.3	225.5	289.3	259.8	220.6	230.4
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: SP1-2407-184-5

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

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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

REPORT NUMBER: SP1-2407-184-5

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**

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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**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)