

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: P1456451

Luminaire Tested: GLAN-SB4A-730-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456451  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4A-730-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (104) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

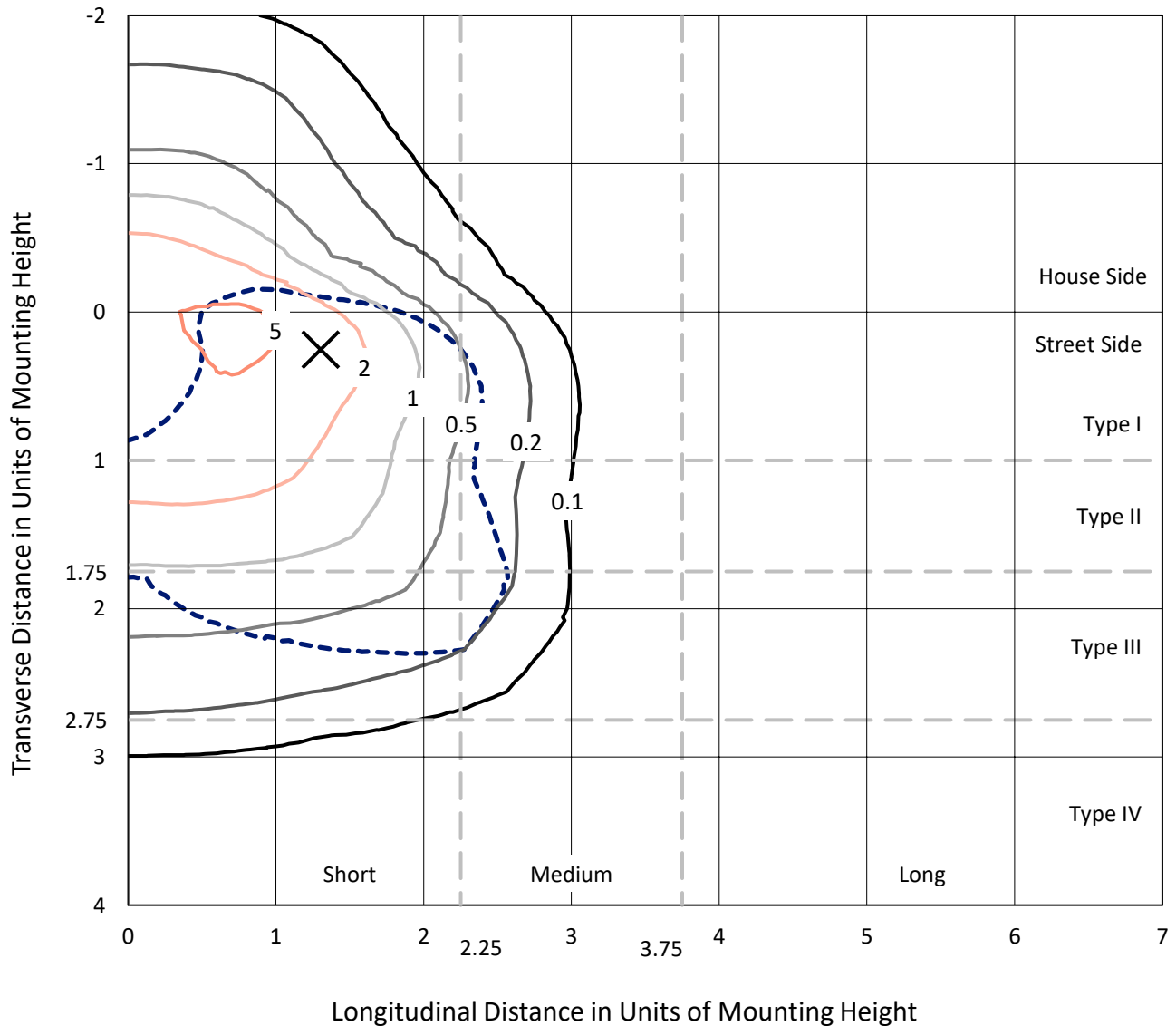
Lumens per Lamp: N/A  
Luminaire Lumens: 17531.9 lumens  
Efficiency: N/A  
Efficacy: 153.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2

Input Watts (W): 114  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

REPORT NUMBER: P1456451  
 CATALOG NUMBER: GLAN-SB4A-730-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

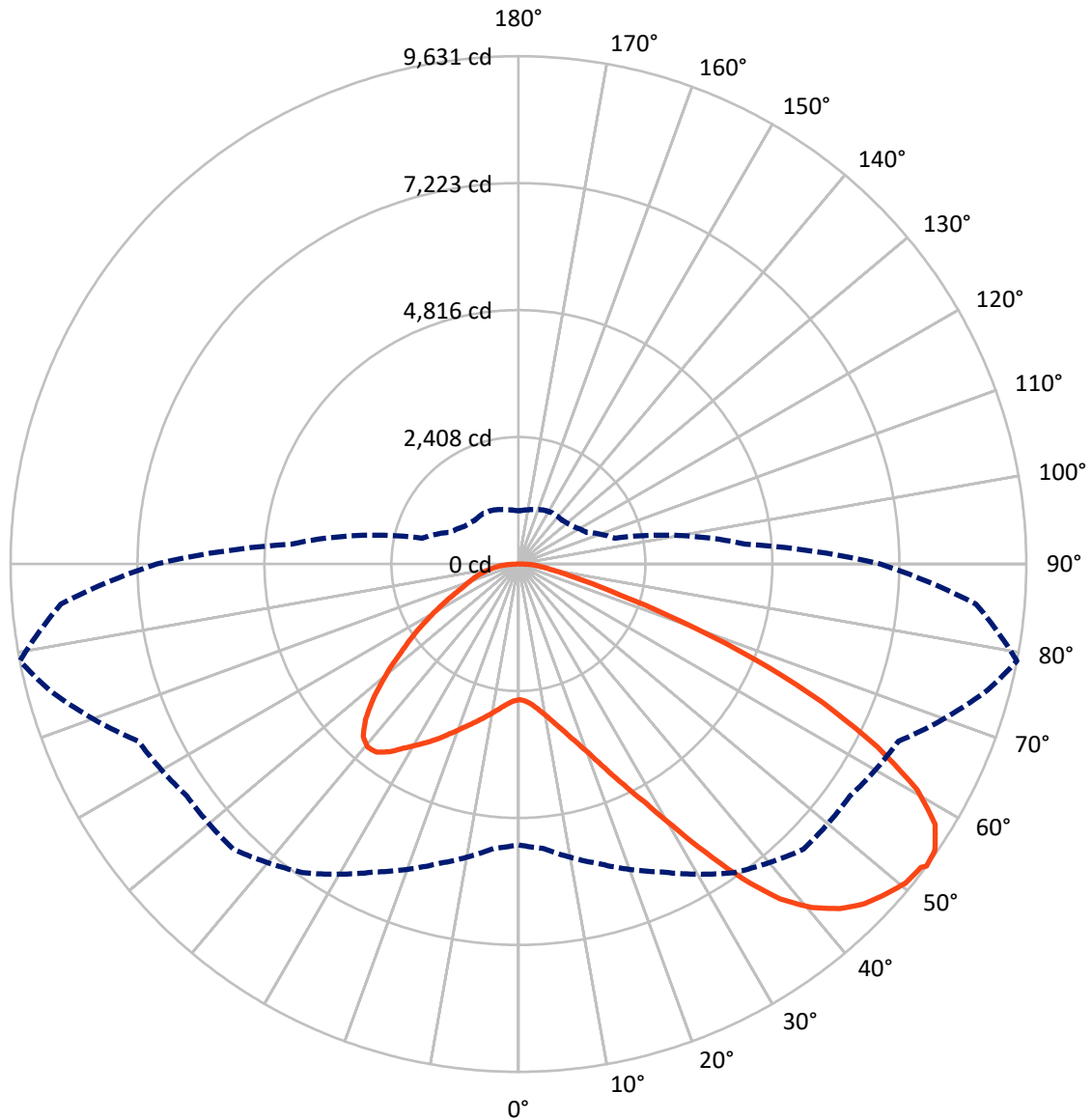
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.4 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	4419.7	0.0	4419.7
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	13112.2	0.0	13112.2
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	17531.9	0.0	17531.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	245.2	1.4
10°-20°	759.4	4.3
20°-30°	1451.9	8.3
30°-40°	2492.8	14.2
40°-50°	3491.7	19.9
50°-60°	3962.6	22.6
60°-70°	3475.0	19.8
70°-80°	1358.8	7.8
80°-90°	294.4	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°	17531.9	100.0
0°-180°	17531.9	100.0



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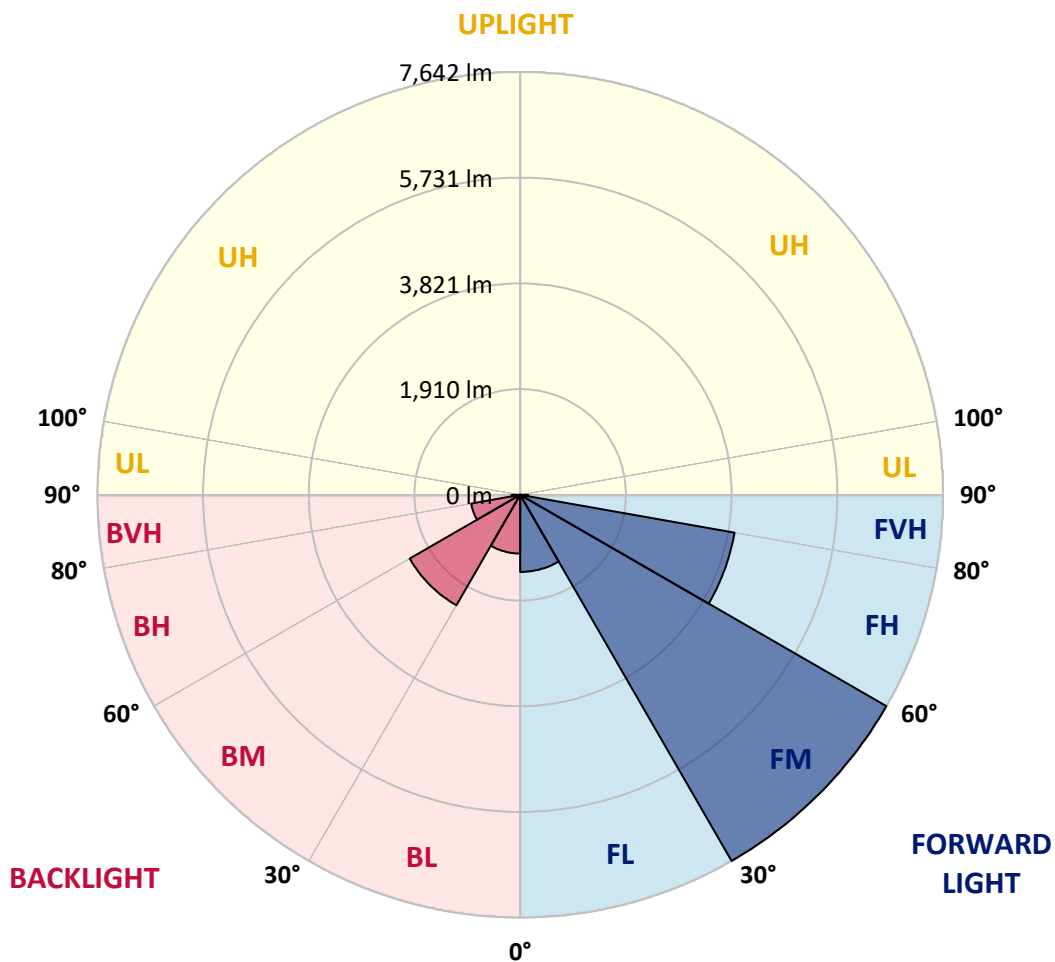
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1393.6	7.9			
FM	(30°-60°)	7641.5	43.6			
FH	(60°-80°)	3934.3	22.4			G2/5000
FVH	(80°-90°)	142.8	0.8			G2/225
BL	(0°-30°)	1062.9	6.1	B3/2500		
BM	(30°-60°)	2305.6	13.2	B2/2500		
BH	(60°-80°)	899.5	5.1	B2/1000		G2/1000
BVH	(80°-90°)	151.6	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-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7
2.5°	2577.6	2577.6	2562.0	2577.6	2569.8	2581.5	2589.3	2589.3	2605.0	2601.1	2601.1
5°	2534.7	2526.9	2523.0	2550.3	2565.9	2597.2	2632.3	2647.9	2675.3	2675.3	2679.2
7.5°	2421.4	2417.5	2437.0	2491.7	2542.5	2620.6	2694.8	2737.8	2780.7	2788.5	2788.5
10°	2351.1	2347.2	2370.6	2437.0	2519.0	2632.3	2749.5	2839.3	2909.6	2929.1	2929.1
12.5°	2351.1	2351.1	2370.6	2437.0	2523.0	2659.6	2819.8	2972.1	3081.4	3104.9	3097.1
15°	2417.5	2413.6	2437.0	2507.3	2589.3	2718.2	2913.5	3116.6	3265.0	3308.0	3311.9
17.5°	2487.8	2483.9	2519.0	2608.9	2706.5	2835.4	3034.6	3284.5	3495.4	3550.1	3561.8
20°	2597.2	2593.3	2636.2	2722.1	2843.2	2991.6	3198.6	3483.7	3776.6	3835.2	3850.8
22.5°	2722.1	2726.0	2772.9	2878.4	2999.4	3194.7	3448.6	3764.9	4116.4	4206.2	4221.8
25°	2983.8	2972.1	3011.1	3085.3	3214.2	3448.6	3761.0	4104.7	4522.6	4631.9	4651.5
27.5°	3331.4	3311.9	3354.8	3429.0	3522.8	3741.5	4100.8	4483.5	4987.3	5124.0	5127.9
30°	3643.8	3632.1	3690.7	3843.0	3940.7	4108.6	4491.3	4928.7	5561.4	5760.6	5768.4
32.5°	3913.3	3909.4	4018.8	4214.0	4436.7	4616.3	4987.3	5491.1	6287.9	6518.3	6467.5
35°	4171.1	4182.8	4319.5	4522.6	4819.4	5178.7	5553.6	6127.7	7053.3	7330.6	7248.6
37.5°	4432.7	4440.6	4620.2	4881.9	5194.3	5663.0	6166.8	6819.0	7717.3	8061.0	7881.3
40°	4674.9	4698.3	4940.5	5221.7	5627.8	6104.3	6666.7	7299.4	8228.9	8568.7	8373.4
42.5°	4917.0	4952.2	5213.8	5600.5	6034.0	6530.0	7014.3	7592.3	8557.0	8935.8	8635.1
45°	5167.0	5190.4	5514.6	5916.8	6408.9	6865.9	7213.5	7779.8	8783.5	9193.6	8783.5
47.5°	5334.9	5381.8	5737.2	6201.9	6694.0	7123.6	7373.6	7857.9	8928.0	9361.5	8838.2
50°	5401.3	5467.7	5850.4	6366.0	6928.4	7365.8	7498.6	7900.8	9088.1	9509.9	8826.4
52.5°	5389.6	5452.1	5870.0	6440.2	7115.8	7588.4	7619.6	7947.7	9201.4	9560.7	8724.9
53°	5327.1	5413.0	5881.7	6444.1	7143.2	7647.0	7674.3	7951.6	9217.0	9631.0	8709.3
55°	5112.3	5159.2	5760.6	6440.2	7272.0	7865.7	7826.6	8068.8	9259.9	9584.1	8537.4
57.5°	4917.0	4963.9	5487.2	6366.0	7377.5	8174.2	8072.7	8049.2	9025.6	9318.5	8103.9
60°	4792.1	4807.7	5249.0	6131.6	7334.5	8389.0	8232.8	7818.8	8447.6	8689.7	7342.3
62.5°	4686.6	4682.7	5073.2	5795.8	7170.5	8420.3	8264.0	7248.6	7600.1	7639.2	6326.9
65°	4448.4	4421.0	4799.9	5416.9	6830.7	8279.7	7881.3	6385.5	6475.3	6346.4	5081.1
67.5°	3975.8	3917.2	4253.1	4838.9	6139.4	7881.3	7151.0	5381.8	5104.5	4846.7	3827.4
70°	2847.1	2847.1	3116.6	3702.4	4928.7	6811.2	6139.4	4073.4	3515.0	3284.5	2558.1
72.5°	1394.3	1429.4	1710.6	2187.1	3304.1	4944.4	4702.2	2640.1	2132.4	2019.1	1640.3
75°	593.6	597.5	730.3	968.6	1675.5	2925.2	2944.7	1523.1	1366.9	1312.2	1085.7
77.5°	414.0	421.8	480.4	570.2	796.7	1343.5	1531.0	921.7	917.8	878.7	773.3
80°	316.3	324.2	363.2	425.7	535.1	687.4	792.8	624.9	656.1	617.1	558.5
82.5°	238.2	246.0	273.4	320.3	382.7	460.8	445.2	460.8	484.3	460.8	402.3
85°	160.1	164.0	183.6	222.6	246.0	277.3	277.3	335.9	351.5	343.7	316.3
87.5°	82.0	82.0	97.6	117.2	125.0	128.9	113.3	148.4	167.9	183.6	148.4
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-SB4A-730-U-T3LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7	2573.7
2.5°	2601.1	2605.0	2593.3	2589.3	2585.4	2565.9	2565.9	2546.4	2542.5	2546.4	2534.7
5°	2687.0	2679.2	2647.9	2624.5	2597.2	2542.5	2511.2	2468.3	2456.6	2444.8	2433.1
7.5°	2792.4	2780.7	2726.0	2663.6	2589.3	2483.9	2425.3	2355.0	2331.6	2312.1	2304.2
10°	2925.2	2901.8	2815.9	2683.1	2546.4	2417.5	2335.5	2249.6	2210.5	2202.7	2183.2
12.5°	3097.1	3054.1	2894.0	2687.0	2507.3	2339.4	2249.6	2183.2	2167.6	2163.6	2144.1
15°	3288.4	3225.9	2968.2	2690.9	2456.6	2273.0	2218.3	2183.2	2183.2	2179.3	2167.6
17.5°	3522.8	3421.2	3038.5	2675.3	2394.1	2253.5	2226.1	2194.9	2187.1	2191.0	2175.4
20°	3804.0	3636.0	3112.7	2655.7	2366.7	2257.4	2226.1	2183.2	2163.6	2159.7	2148.0
22.5°	4128.1	3882.1	3194.7	2624.5	2366.7	2253.5	2202.7	2144.1	2105.1	2089.4	2073.8
25°	4499.1	4167.2	3280.6	2612.8	2374.5	2237.9	2155.8	2062.1	1999.6	1976.2	1964.5
27.5°	4948.3	4467.9	3343.1	2624.5	2370.6	2202.7	2073.8	1952.8	1882.5	1843.4	1835.6
30°	5444.3	4792.1	3386.1	2644.0	2347.2	2136.3	1976.2	1839.5	1741.9	1695.0	1683.3
32.5°	6030.1	5155.3	3429.0	2644.0	2288.6	2042.6	1862.9	1714.5	1613.0	1558.3	1550.5
35°	6678.4	5600.5	3468.1	2640.1	2218.3	1941.0	1749.7	1597.4	1491.9	1437.2	1433.3
37.5°	7229.1	5936.4	3487.6	2601.1	2120.7	1823.9	1644.2	1491.9	1382.5	1324.0	1320.1
40°	7568.9	6077.0	3448.6	2523.0	2003.5	1702.8	1527.1	1386.5	1277.1	1206.8	1191.2
42.5°	7697.7	6010.6	3323.6	2394.1	1862.9	1581.7	1429.4	1281.0	1136.5	1077.9	1066.2
45°	7654.8	5752.8	3058.0	2210.5	1706.7	1472.4	1343.5	1175.6	1081.8	1031.1	1027.1
47.5°	7510.3	5354.4	2726.0	1980.1	1542.7	1374.7	1230.2	1148.2	1062.3	1007.6	1003.7
50°	7256.4	4928.7	2327.7	1718.4	1394.3	1273.2	1202.9	1136.5	1066.2	1023.2	1015.4
52.5°	6932.3	4448.4	1960.6	1464.6	1265.4	1183.4	1175.6	1128.7	1074.0	1027.1	1007.6
53°	6858.1	4323.4	1890.3	1421.6	1245.9	1171.7	1167.7	1128.7	1066.2	1023.2	1007.6
55°	6502.7	3936.7	1667.6	1269.3	1148.2	1132.6	1167.7	1124.8	1046.7	1011.5	999.8
57.5°	5932.5	3429.0	1452.8	1128.7	1046.7	1085.7	1156.0	1109.2	1023.2	960.8	941.2
60°	5245.1	2847.1	1288.8	1035.0	972.5	1027.1	1109.2	1054.5	937.3	906.1	902.2
62.5°	4424.9	2304.2	1163.8	956.8	910.0	964.7	1038.9	945.1	859.2	835.8	828.0
65°	3456.4	1831.7	1066.2	898.3	847.5	890.5	941.2	882.6	828.0	808.4	804.5
67.5°	2569.8	1437.2	988.1	847.5	785.0	812.3	870.9	855.3	808.4	796.7	792.8
70°	1773.1	1167.7	917.8	800.6	706.9	738.1	828.0	839.7	792.8	785.0	781.1
72.5°	1241.9	988.1	843.6	749.9	644.4	675.7	808.4	808.4	757.7	769.4	761.6
75°	933.4	831.9	757.7	687.4	566.3	613.2	781.1	773.3	722.5	773.3	753.8
77.5°	703.0	671.7	656.1	609.3	496.0	542.9	726.4	710.8	644.4	648.3	613.2
80°	511.6	519.4	562.4	519.4	414.0	449.1	613.2	605.4	523.3	539.0	496.0
82.5°	367.1	386.6	480.4	417.9	300.7	320.3	421.8	456.9	410.1	386.6	394.5
85°	277.3	289.0	386.6	308.5	187.5	210.9	289.0	328.1	320.3	296.8	300.7
87.5°	117.2	132.8	179.7	144.5	109.4	109.4	179.7	230.4	207.0	175.7	183.6
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-4  
 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-730-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2985  
 CIE u': 0.2504  
 CIE v': 0.5243  
 Duv: 0.0019  
 CIE x: 0.4408  
 CIE y: 0.4101  
 CIE z: 0.1491  
 Peak Wavelength (nm): 595  
 Dominant Wavelength (nm): 582  
 Purity: 55.41818  
 Rf: 73.8  
 Rg: 94.4

CRI (Ra):	70.8		
R1:	66.3	R9:	-43.2
R2:	80.6	R10:	57.6
R3:	94.5	R11:	64.8
R4:	68.2	R12:	53.5
R5:	66.5	R13:	68.7
R6:	74.7	R14:	97.0
R7:	76.2	R15:	56.4
R8:	39.6		



**Test Conditions**

Stabilization Time: 36M  
 Operation Time: 1H 36M  
 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



CCT = 2985K  
 CIE x = 0.4408  
 CIE y = 0.4101  
 Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

**Summary**

$R_f = 73.8$   
 $R_g = 94.4$   
 CIE  $R_a = 70.8$   
 $R_g = -43.2$



**Color Vector Graphics**

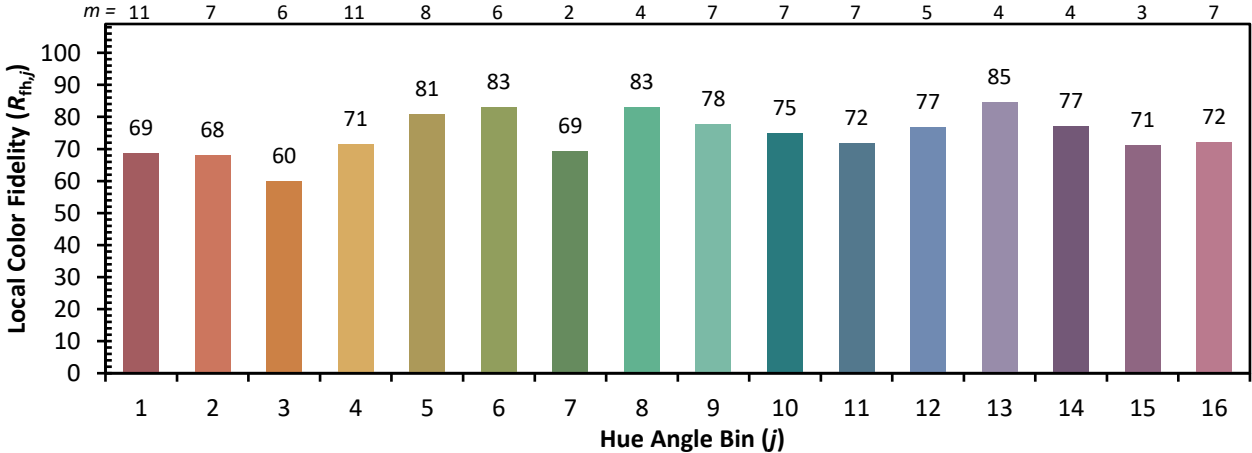


Individual Sample Fidelity Index ( $R_{f,i}$ )

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)