

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: P1457785

Luminaire Tested: GLAN-SB4C-830-U-T2LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457785  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4C-830-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (104) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

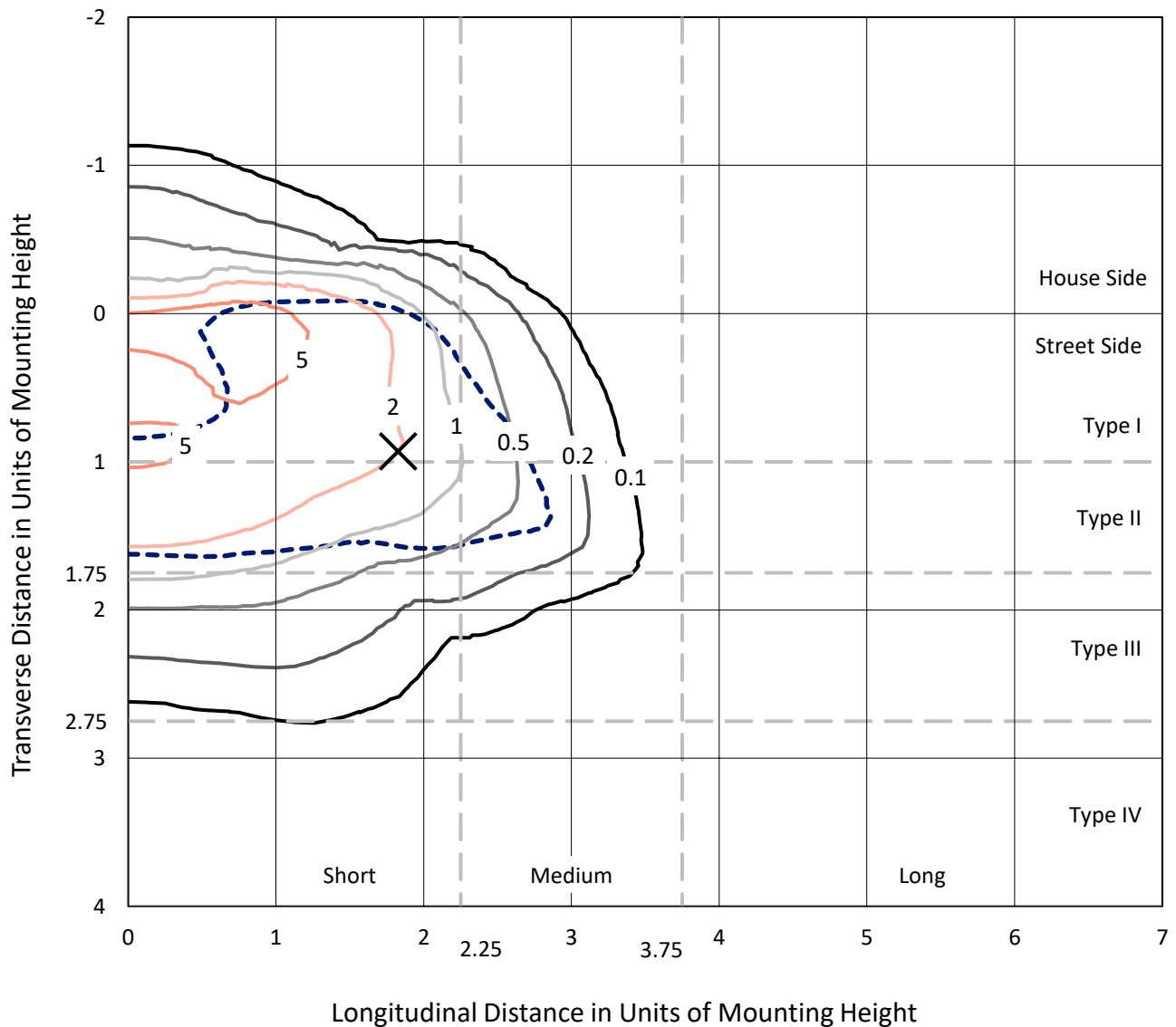
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19528.2 lumens  
Efficiency: N/A  
Efficacy: 97.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2  
  
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

REPORT NUMBER: P1457785  
 CATALOG NUMBER: GLAN-SB4C-830-U-T2LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

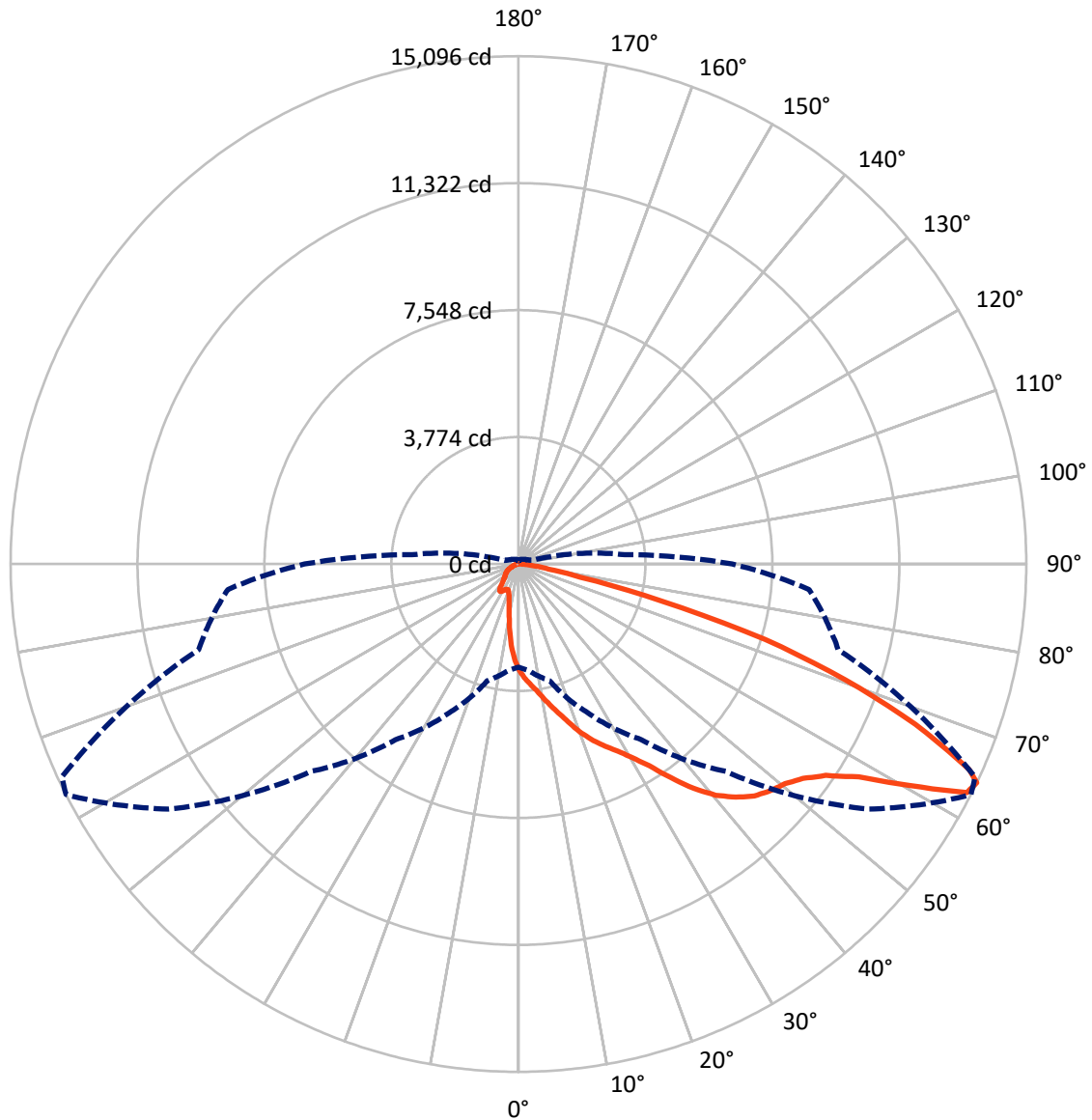
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2317.4	0.0	2317.4
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	17210.9	0.0	17210.9
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	19528.2	0.0	19528.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	265.9	1.4
10°-20°	747.2	3.8
20°-30°	1330.8	6.8
30°-40°	2541.7	13.0
40°-50°	4213.1	21.6
50°-60°	5251.6	26.9
60°-70°	3916.0	20.1
70°-80°	1123.1	5.8
80°-90°	138.9	0.7
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°	19528.2	100.0
0°-180°	19528.2	100.0



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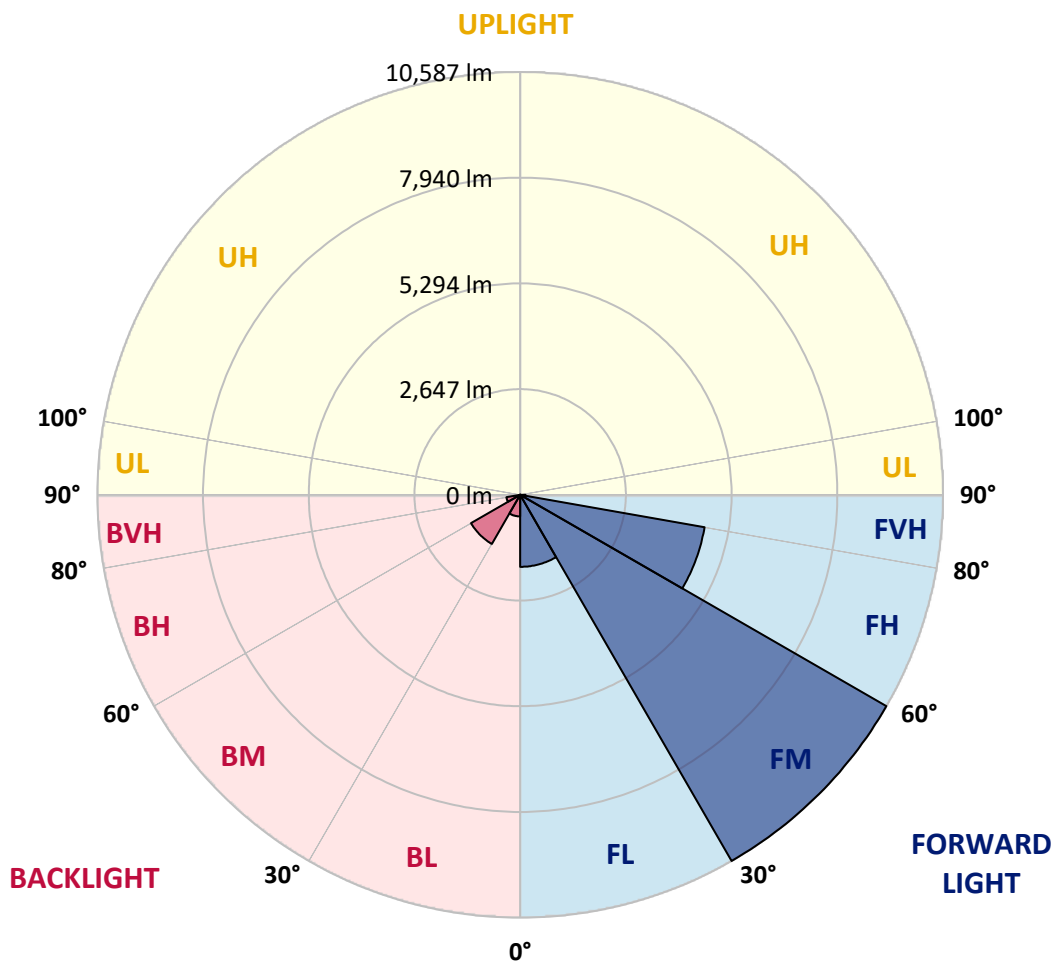
CATALOG NUMBER: GLAN-SB4C-830-U-T2LG-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1803.2	9.2			
FM (30°-60°)	10587.1	54.2			
FH (60°-80°)	4688.6	24.0			G2/5000
FVH (80°-90°)	132.0	0.7			G2/225
BL (0°-30°)	540.6	2.8	B2/1000		
BM (30°-60°)	1419.4	7.3	B2/2500		
BH (60°-80°)	350.5	1.8	B1/500		G1/500
BVH (80°-90°)	6.8	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

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

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5
2.5°	3538.3	3526.5	3514.8	3497.2	3473.8	3450.4	3421.1	3380.1	3362.5	3303.9	3233.6
5°	3719.9	3719.9	3714.0	3702.3	3690.6	3667.1	3632.0	3579.3	3555.8	3473.8	3350.8
7.5°	3766.7	3772.6	3790.1	3813.6	3848.7	3842.9	3842.9	3784.3	3772.6	3684.7	3520.7
10°	3684.7	3690.6	3737.4	3801.9	3907.3	4006.9	4077.2	4042.0	4024.5	3936.6	3731.6
12.5°	3567.5	3567.5	3643.7	3743.3	3907.3	4094.8	4299.8	4334.9	4340.8	4241.2	3995.2
15°	3262.9	3274.6	3397.7	3596.8	3866.3	4159.2	4504.8	4639.6	4674.7	4610.3	4317.4
17.5°	2858.7	2870.4	2993.5	3262.9	3667.1	4159.2	4680.6	4991.0	5037.9	5049.6	4727.4
20°	2688.8	2688.8	2759.1	2964.2	3385.9	4047.9	4786.0	5366.0	5471.4	5600.3	5178.5
22.5°	2712.3	2712.3	2753.3	2870.4	3210.2	3895.6	4850.5	5699.9	5916.6	6244.7	5758.4
25°	2841.1	2841.1	2876.3	2952.4	3227.8	3872.2	4973.5	5998.6	6344.3	6965.2	6420.4
27.5°	3046.2	3040.3	3069.6	3145.8	3397.7	3983.5	5178.5	6297.4	6684.0	7773.6	7182.0
30°	3344.9	3327.4	3339.1	3427.0	3673.0	4241.2	5477.3	6678.2	7070.6	8658.2	8025.5
32.5°	4036.2	4030.3	3860.4	3813.6	4077.2	4657.1	5887.3	7152.7	7592.0	9595.5	8892.5
35°	5283.9	5366.0	5125.8	4510.7	4563.4	5213.7	6473.1	7797.0	8201.2	10591.3	9835.6
37.5°	6549.3	6549.3	6449.7	5723.3	5354.2	5828.7	7105.8	8459.0	8880.8	11393.9	10743.6
40°	7551.0	7603.7	7486.6	6941.8	6461.4	6531.7	7738.5	9038.9	9425.6	11886.0	11388.0
42.5°	8295.0	8283.3	8236.4	7879.1	7609.6	7451.4	8312.6	9472.4	9841.5	12137.8	11792.2
45°	9097.5	9097.5	9033.1	8740.2	8517.6	8382.8	8740.2	9835.6	10222.3	12290.2	12044.1
47.5°	9935.2	9923.5	9859.1	9536.9	9296.7	9097.5	9173.7	10070.0	10456.6	12190.6	12085.1
50°	10140.3	10128.5	10275.0	10286.7	10070.0	9689.2	9519.3	10269.1	10608.9	12196.4	12214.0
52.5°	9900.1	9970.4	10187.1	10450.7	10696.8	10298.4	9888.4	10585.5	10937.0	12360.5	12536.2
55°	9302.6	9331.8	9747.8	10169.5	10743.6	10884.2	10480.0	11089.3	11399.7	12518.6	12823.2
57.5°	8189.5	8300.8	8746.0	9478.3	10351.1	10937.0	11511.0	11932.8	12167.1	12583.1	12665.1
60°	6180.2	6238.8	7205.4	8154.4	9536.9	10515.2	12471.8	13362.2	13332.9	11856.7	11557.9
62.5°	3760.9	3813.6	4504.8	6010.3	7750.2	9636.5	12793.9	14961.4	14803.3	10632.3	9730.2
64°	3063.8	3163.3	3591.0	4879.7	6373.5	8716.8	12700.2	15096.2	14973.1	9841.5	8669.9
65°	2618.5	2753.3	3192.6	4235.4	5418.7	7726.7	12442.5	14721.2	14639.2	9361.1	7791.2
67.5°	1646.1	1710.5	2360.8	3292.2	3731.6	4944.2	10696.8	12729.5	12876.0	8341.8	5746.7
70°	1224.3	1253.6	1622.7	2548.2	2911.4	2876.3	7346.0	10310.1	10345.3	6672.3	3468.0
72.5°	890.4	896.3	1136.5	1886.3	2278.8	1962.4	3872.2	7662.3	7410.4	3907.3	1892.1
75°	591.7	615.1	796.7	1329.8	1775.0	1441.1	1763.3	4364.2	4288.1	1909.7	1083.7
77.5°	433.5	439.4	538.9	890.4	1394.2	1060.3	1066.2	1880.4	1939.0	1136.5	685.4
80°	246.0	257.8	351.5	544.8	908.0	726.4	597.5	908.0	1042.7	773.3	456.9
82.5°	146.5	158.2	251.9	357.3	621.0	298.8	304.6	497.9	621.0	556.5	246.0
85°	87.9	93.7	158.2	193.3	369.1	199.2	111.3	246.0	322.2	328.0	134.7
87.5°	58.6	58.6	87.9	82.0	105.4	93.7	46.9	64.4	82.0	111.3	52.7
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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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5
2.5°	3175.1	3139.9	3034.5	2893.9	2765.0	2665.4	2542.4	2460.4	2384.2	2384.2	2319.8
5°	3251.2	3157.5	2899.7	2577.5	2231.9	1903.9	1693.0	1458.7	1382.5	1318.1	1329.8
7.5°	3380.1	3210.2	2753.3	2173.3	1622.7	1271.2	1036.9	931.4	884.6	855.3	861.1
10°	3538.3	3303.9	2577.5	1763.3	1195.0	931.4	820.1	779.1	761.5	755.7	755.7
12.5°	3755.0	3415.2	2401.8	1417.6	943.1	802.6	744.0	720.5	703.0	691.2	691.2
15°	4012.8	3555.8	2196.8	1165.7	826.0	738.1	691.2	667.8	644.4	638.5	638.5
17.5°	4340.8	3702.3	2015.2	1001.7	767.4	691.2	644.4	615.1	597.5	591.7	591.7
20°	4704.0	3883.9	1833.6	908.0	726.4	644.4	597.5	574.1	556.5	544.8	550.7
22.5°	5166.8	4112.3	1716.4	861.1	691.2	603.4	556.5	533.1	515.5	503.8	509.6
25°	5676.4	4399.4	1652.0	861.1	667.8	574.1	521.4	497.9	480.4	468.6	468.6
27.5°	6297.4	4721.6	1657.8	896.3	662.0	550.7	492.1	468.6	451.1	433.5	433.5
30°	6982.8	5102.3	1722.3	960.7	673.7	527.2	468.6	433.5	421.8	404.2	404.2
32.5°	7709.2	5541.7	1886.3	1042.7	662.0	497.9	433.5	404.2	386.6	374.9	374.9
35°	8476.6	6039.6	2091.3	1077.9	603.4	456.9	404.2	374.9	363.2	357.3	351.5
37.5°	9208.8	6473.1	2202.6	1007.6	527.2	421.8	369.1	339.8	333.9	322.2	322.2
40°	9777.1	6830.5	2138.2	861.1	486.2	386.6	339.8	310.5	298.8	287.0	287.0
42.5°	10111.0	6959.3	1903.9	732.3	456.9	351.5	310.5	281.2	269.5	263.6	263.6
45°	10304.3	6941.8	1628.5	656.1	427.6	322.2	281.2	263.6	246.0	240.2	234.3
47.5°	10298.4	6760.2	1429.4	591.7	398.3	298.8	263.6	246.0	228.5	222.6	222.6
50°	10257.4	6490.7	1206.8	544.8	374.9	281.2	246.0	234.3	216.7	210.9	205.0
52.5°	10357.0	6338.4	1007.6	515.5	345.6	269.5	240.2	222.6	199.2	193.3	193.3
55°	10480.0	6250.5	808.4	486.2	322.2	263.6	228.5	210.9	187.5	181.6	181.6
57.5°	10122.7	5916.6	667.8	439.4	292.9	251.9	216.7	205.0	181.6	164.0	164.0
60°	8997.9	4891.5	550.7	386.6	269.5	234.3	205.0	187.5	164.0	140.6	140.6
62.5°	7316.7	3731.6	456.9	328.0	251.9	216.7	187.5	169.9	140.6	111.3	111.3
64°	6356.0	3169.2	410.1	287.0	240.2	199.2	169.9	152.3	123.0	93.7	87.9
65°	5699.9	2800.1	380.8	269.5	234.3	187.5	164.0	146.5	111.3	87.9	82.0
67.5°	4012.8	1880.4	304.6	222.6	205.0	158.2	140.6	123.0	99.6	76.2	70.3
70°	2337.4	1066.2	240.2	187.5	158.2	123.0	117.2	111.3	87.9	58.6	58.6
72.5°	1271.2	533.1	181.6	152.3	123.0	87.9	99.6	87.9	70.3	46.9	41.0
75°	779.1	328.0	134.7	111.3	82.0	64.4	76.2	64.4	41.0	29.3	23.4
77.5°	521.4	210.9	99.6	76.2	52.7	41.0	52.7	35.1	17.6	5.9	5.9
80°	322.2	146.5	64.4	46.9	29.3	17.6	11.7	5.9	5.9	0.0	0.0
82.5°	140.6	93.7	35.1	23.4	11.7	5.9	5.9	0.0	0.0	0.0	0.0
85°	76.2	29.3	11.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.4	11.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-9  
 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-830-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3055  
 CIE u': 0.2475  
 CIE v': 0.5247  
 Duv: 0.0032  
 CIE x: 0.4377  
 CIE y: 0.4124  
 CIE z: 0.1499  
 Peak Wavelength (nm): 604  
 Dominant Wavelength (nm): 581  
 Purity: 55.16339  
 Rf: 81.5  
 Rg: 99.2

CRI (Ra):	80.9		
R1:	79.5	R9:	6.8
R2:	85.6	R10:	67.1
R3:	92.1	R11:	82.5
R4:	82.4	R12:	63.4
R5:	78.9	R13:	80.2
R6:	81.7	R14:	95.1
R7:	85.1	R15:	71.7
R8:	61.9		



**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 3000K 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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.28**

$\lambda$ (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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

**Summary**

$R_f = 81.5$   
 $R_g = 99.2$   
 $CIE R_a = 80.9$   
 $R_9 = 6.8$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)