

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: P1457803

Luminaire Tested: GLAN-SB9A-830-U-T2LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457803  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9A-830-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (234) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

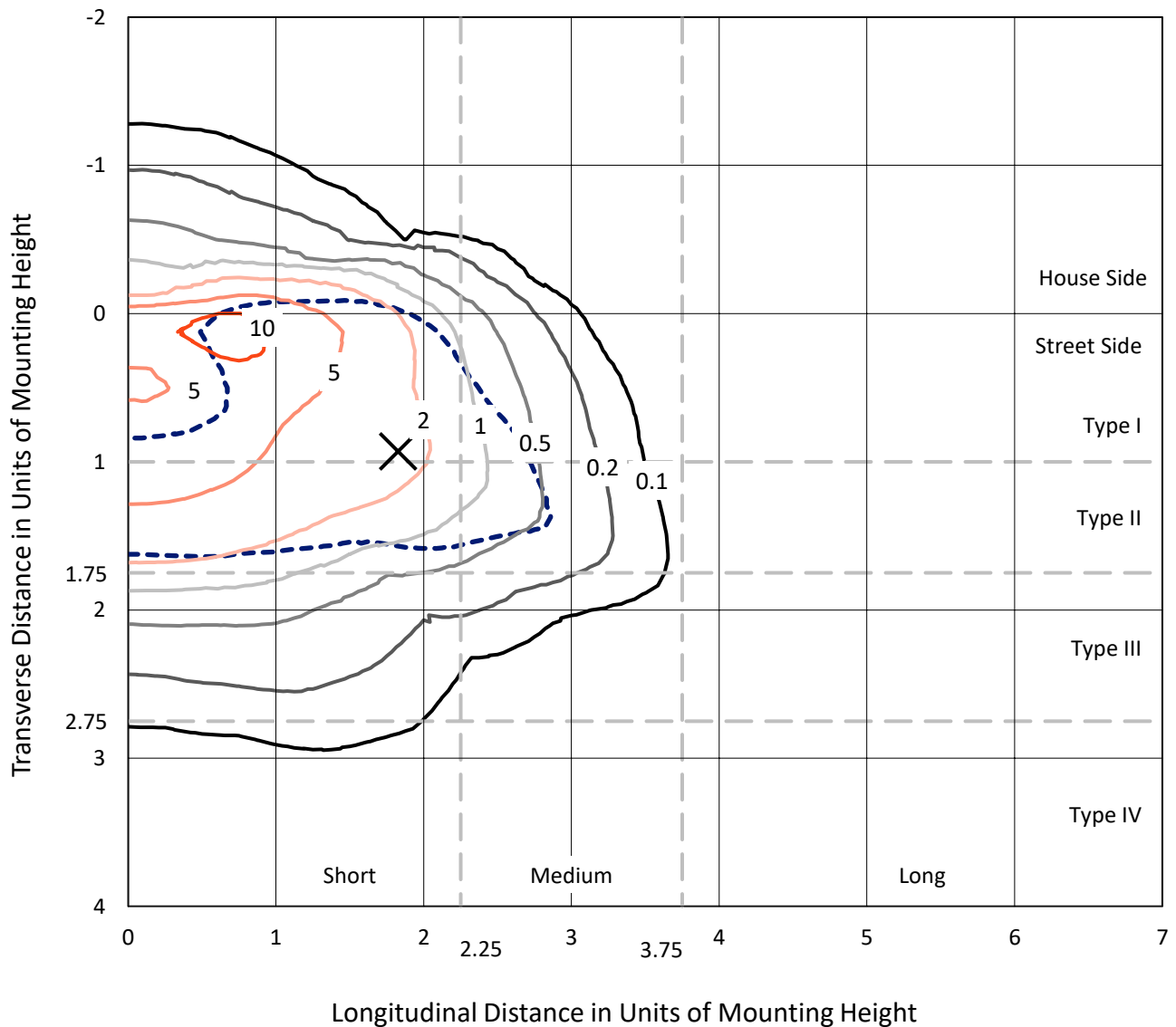
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26583.2 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 255.5  
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: P1457803  
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### Iso-Footcandle Lines of Horizontal Illumination

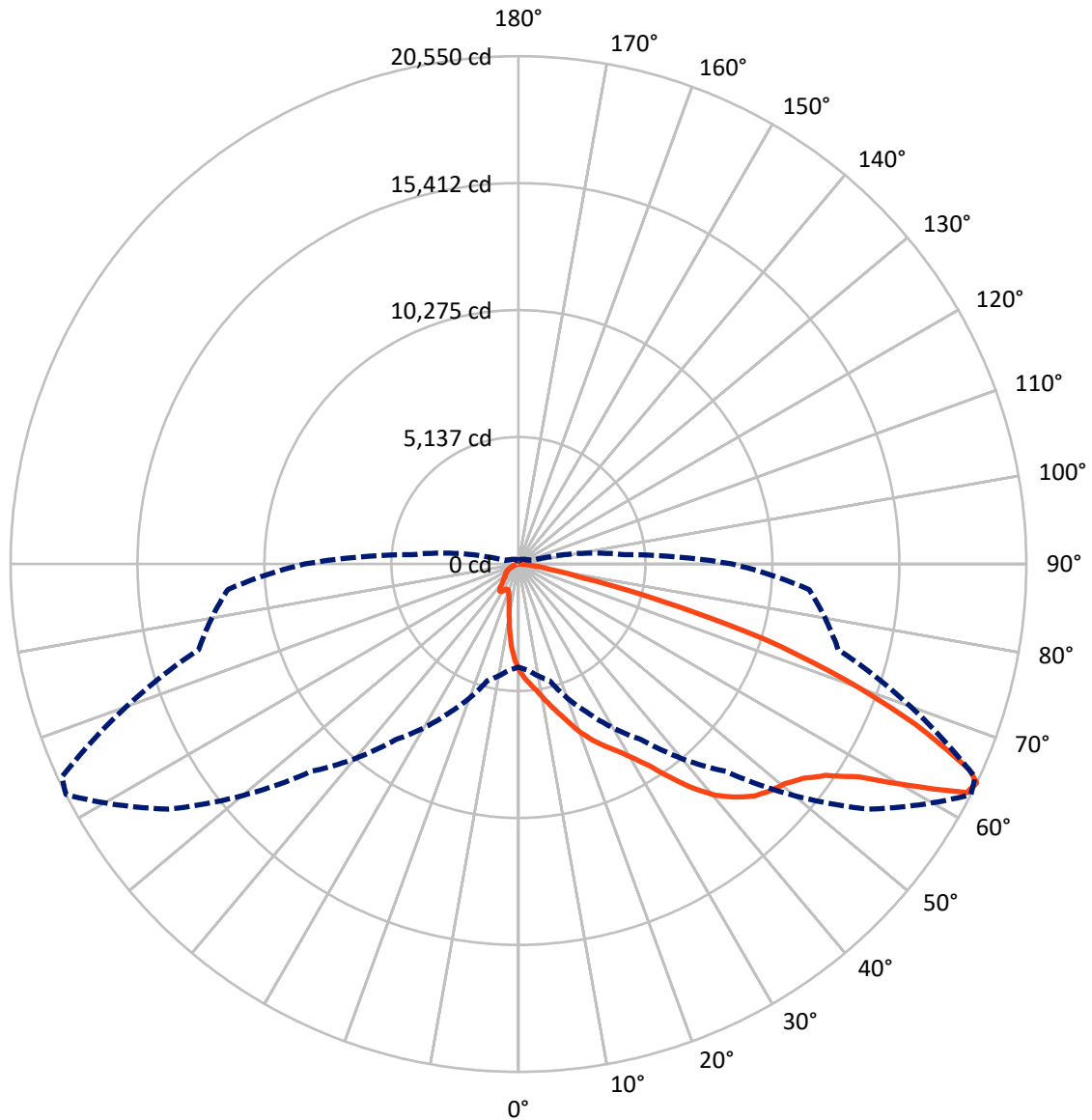
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.2 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	3154.6	0.0	3154.6
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	23428.6	0.0	23428.6
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	26583.2	0.0	26583.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	362.0	1.4
10°-20°	1017.1	3.8
20°-30°	1811.5	6.8
30°-40°	3460.0	13.0
40°-50°	5735.2	21.6
50°-60°	7148.9	26.9
60°-70°	5330.7	20.1
70°-80°	1528.8	5.8
80°-90°	189.0	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°	26583.2	100.0
0°-180°	26583.2	100.0



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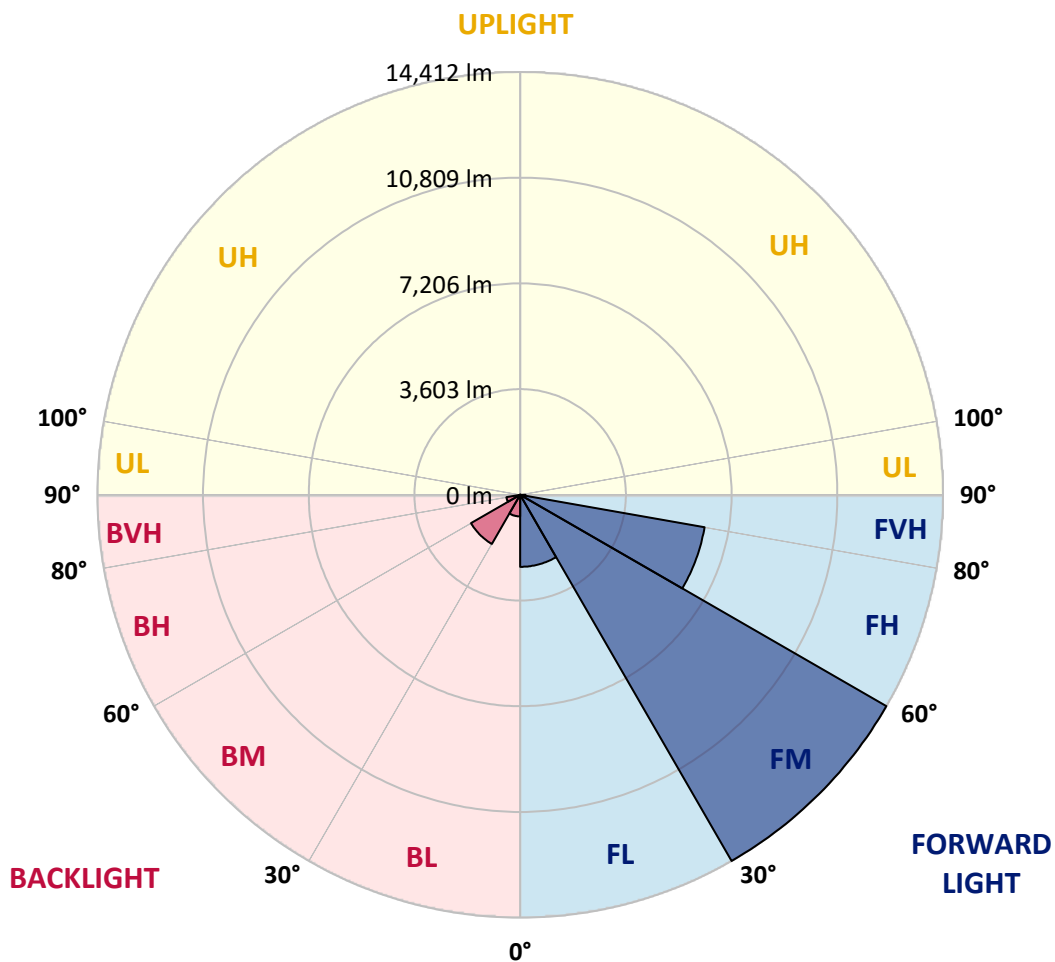
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2454.6	9.2			
FM (30°-60°)	14411.8	54.2			
FH (60°-80°)	6382.4	24.0			G3/7500
FVH (80°-90°)	179.7	0.7			G2/225
BL (0°-30°)	736.0	2.8	B2/1000		
BM (30°-60°)	1932.2	7.3	B2/2500		
BH (60°-80°)	477.1	1.8	B1/500		G1/500
BVH (80°-90°)	9.3	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-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2
2.5°	4816.5	4800.6	4784.6	4760.7	4728.8	4696.9	4657.0	4601.2	4577.3	4497.5	4401.9
5°	5063.7	5063.7	5055.7	5039.8	5023.9	4992.0	4944.1	4872.3	4840.4	4728.8	4561.3
7.5°	5127.5	5135.5	5159.4	5191.3	5239.2	5231.2	5231.2	5151.4	5135.5	5015.9	4792.6
10°	5015.9	5023.9	5087.6	5175.4	5318.9	5454.5	5550.2	5502.3	5478.4	5358.8	5079.7
12.5°	4856.4	4856.4	4960.1	5095.6	5318.9	5574.1	5853.2	5901.0	5909.0	5773.4	5438.5
15°	4441.7	4457.7	4625.1	4896.3	5263.1	5661.8	6132.3	6315.7	6363.5	6275.8	5877.1
17.5°	3891.5	3907.4	4074.9	4441.7	4992.0	5661.8	6371.5	6794.2	6858.0	6873.9	6435.3
20°	3660.2	3660.2	3755.9	4035.0	4609.2	5510.3	6515.1	7304.5	7448.1	7623.5	7049.3
22.5°	3692.1	3692.1	3748.0	3907.4	4370.0	5303.0	6602.8	7759.1	8054.1	8500.7	7838.8
25°	3867.6	3867.6	3915.4	4019.1	4393.9	5271.1	6770.2	8165.8	8636.2	9481.5	8739.9
27.5°	4146.7	4138.7	4178.6	4282.2	4625.1	5422.6	7049.3	8572.4	9098.8	10582.0	9776.6
30°	4553.4	4529.4	4545.4	4665.0	4999.9	5773.4	7456.0	9090.8	9625.1	11786.1	10924.9
32.5°	5494.3	5486.4	5255.1	5191.3	5550.2	6339.6	8014.2	9736.7	10334.8	13062.0	12105.1
35°	7192.9	7304.5	6977.6	6140.3	6212.0	7097.2	8811.7	10613.9	11164.1	14417.7	13389.0
37.5°	8915.3	8915.3	8779.8	7791.0	7288.6	7934.5	9672.9	11515.0	12089.1	15510.1	14625.0
40°	10279.0	10350.7	10191.2	9449.6	8795.7	8891.4	10534.1	12304.5	12830.8	16180.0	15502.2
42.5°	11291.7	11275.8	11212.0	10725.5	10358.7	10143.4	11315.6	12894.6	13396.9	16522.9	16052.4
45°	12384.2	12384.2	12296.5	11897.8	11594.7	11411.3	11897.8	13389.0	13915.3	16730.2	16395.3
47.5°	13524.5	13508.6	13420.9	12982.3	12655.3	12384.2	12487.9	13707.9	14234.2	16594.7	16451.1
50°	13803.6	13787.7	13987.0	14003.0	13707.9	13189.6	12958.3	13979.1	14441.6	16602.6	16626.6
52.5°	13476.7	13572.4	13867.4	14226.3	14561.2	14018.9	13460.7	14409.7	14888.1	16825.9	17065.1
55°	12663.3	12703.2	13269.3	13843.5	14625.0	14816.4	14266.1	15095.5	15518.1	17041.2	17455.9
57.5°	11148.2	11299.7	11905.7	12902.5	14090.7	14888.1	15669.6	16243.8	16562.8	17128.9	17240.6
60°	8413.0	8492.7	9808.5	11100.3	12982.3	14314.0	16977.4	18189.5	18149.7	16140.1	15733.4
62.5°	5119.5	5191.3	6132.3	8181.7	10550.1	13117.8	17416.0	20366.5	20151.2	14473.5	13245.4
64°	4170.6	4306.2	4888.3	6642.6	8676.1	11865.9	17288.4	20549.9	20382.5	13396.9	11802.1
65°	3564.5	3748.0	4346.0	5765.5	7376.3	10518.2	16937.6	20039.6	19927.9	12743.0	10605.9
67.5°	2240.8	2328.5	3213.7	4481.6	5079.7	6730.4	14561.2	17328.3	17527.7	11355.5	7822.9
70°	1666.6	1706.5	2208.9	3468.9	3963.3	3915.4	9999.9	14034.9	14082.7	9082.8	4720.8
72.5°	1212.1	1220.1	1547.0	2567.7	3102.0	2671.4	5271.1	10430.5	10087.6	5318.9	2575.7
75°	805.4	837.3	1084.5	1810.2	2416.2	1961.7	2400.3	5940.9	5837.2	2599.6	1475.3
77.5°	590.1	598.1	733.6	1212.1	1897.9	1443.4	1451.3	2559.8	2639.5	1547.0	933.0
80°	334.9	350.9	478.5	741.6	1236.0	988.8	813.4	1236.0	1419.4	1052.6	622.0
82.5°	199.4	215.3	342.9	486.4	845.3	406.7	414.7	677.8	845.3	757.6	334.9
85°	119.6	127.6	215.3	263.2	502.4	271.1	151.5	334.9	438.6	446.6	183.4
87.5°	79.7	79.7	119.6	111.6	143.5	127.6	63.8	87.7	111.6	151.5	71.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1457803

CATALOG NUMBER: GLAN-SB9A-830-U-T2LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2	4298.2
2.5°	4322.1	4274.3	4130.7	3939.3	3763.9	3628.3	3460.9	3349.2	3245.6	3245.6	3157.8
5°	4425.8	4298.2	3947.3	3508.7	3038.2	2591.7	2304.6	1985.6	1882.0	1794.2	1810.2
7.5°	4601.2	4370.0	3748.0	2958.5	2208.9	1730.4	1411.5	1267.9	1204.1	1164.3	1172.2
10°	4816.5	4497.5	3508.7	2400.3	1626.8	1267.9	1116.4	1060.6	1036.7	1028.7	1028.7
12.5°	5111.6	4649.1	3269.5	1929.8	1283.9	1092.5	1012.7	980.8	956.9	941.0	941.0
15°	5462.4	4840.4	2990.4	1586.9	1124.4	1004.8	941.0	909.1	877.2	869.2	869.2
17.5°	5909.0	5039.8	2743.2	1363.6	1044.6	941.0	877.2	837.3	813.4	805.4	805.4
20°	6403.4	5287.0	2496.0	1236.0	988.8	877.2	813.4	781.5	757.6	741.6	749.6
22.5°	7033.4	5598.0	2336.5	1172.2	941.0	821.4	757.6	725.7	701.7	685.8	693.8
25°	7727.2	5988.8	2248.8	1172.2	909.1	781.5	709.7	677.8	653.9	637.9	637.9
27.5°	8572.4	6427.3	2256.7	1220.1	901.1	749.6	669.8	637.9	614.0	590.1	590.1
30°	9505.4	6945.7	2344.5	1307.8	917.1	717.7	637.9	590.1	574.2	550.2	550.2
32.5°	10494.3	7543.8	2567.7	1419.4	901.1	677.8	590.1	550.2	526.3	510.4	510.4
35°	11538.9	8221.6	2846.8	1467.3	821.4	622.0	550.2	510.4	494.4	486.4	478.5
37.5°	12535.7	8811.7	2998.4	1371.6	717.7	574.2	502.4	462.5	454.5	438.6	438.6
40°	13309.2	9298.1	2910.6	1172.2	661.9	526.3	462.5	422.6	406.7	390.7	390.7
42.5°	13763.8	9473.5	2591.7	996.8	622.0	478.5	422.6	382.8	366.8	358.8	358.8
45°	14026.9	9449.6	2216.9	893.1	582.1	438.6	382.8	358.8	334.9	326.9	319.0
47.5°	14018.9	9202.4	1945.7	805.4	542.3	406.7	358.8	334.9	311.0	303.0	303.0
50°	13963.1	8835.6	1642.7	741.6	510.4	382.8	334.9	319.0	295.1	287.1	279.1
52.5°	14098.7	8628.3	1371.6	701.7	470.5	366.8	326.9	303.0	271.1	263.2	263.2
55°	14266.1	8508.7	1100.5	661.9	438.6	358.8	311.0	287.1	255.2	247.2	247.2
57.5°	13779.7	8054.1	909.1	598.1	398.7	342.9	295.1	279.1	247.2	223.3	223.3
60°	12248.6	6658.6	749.6	526.3	366.8	319.0	279.1	255.2	223.3	191.4	191.4
62.5°	9960.0	5079.7	622.0	446.6	342.9	295.1	255.2	231.3	191.4	151.5	151.5
64°	8652.2	4314.1	558.2	390.7	326.9	271.1	231.3	207.3	167.5	127.6	119.6
65°	7759.1	3811.7	518.3	366.8	319.0	255.2	223.3	199.4	151.5	119.6	111.6
67.5°	5462.4	2559.8	414.7	303.0	279.1	215.3	191.4	167.5	135.6	103.7	95.7
70°	3181.8	1451.3	326.9	255.2	215.3	167.5	159.5	151.5	119.6	79.7	79.7
72.5°	1730.4	725.7	247.2	207.3	167.5	119.6	135.6	119.6	95.7	63.8	55.8
75°	1060.6	446.6	183.4	151.5	111.6	87.7	103.7	87.7	55.8	39.9	31.9
77.5°	709.7	287.1	135.6	103.7	71.8	55.8	71.8	47.8	23.9	8.0	8.0
80°	438.6	199.4	87.7	63.8	39.9	23.9	15.9	8.0	8.0	0.0	0.0
82.5°	191.4	127.6	47.8	31.9	15.9	8.0	8.0	0.0	0.0	0.0	0.0
85°	103.7	39.9	15.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.9	15.9	8.0	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)