

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: P1458948

Luminaire Tested: GLAN-SB7B-830-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458948  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7B-830-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 7xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (182) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

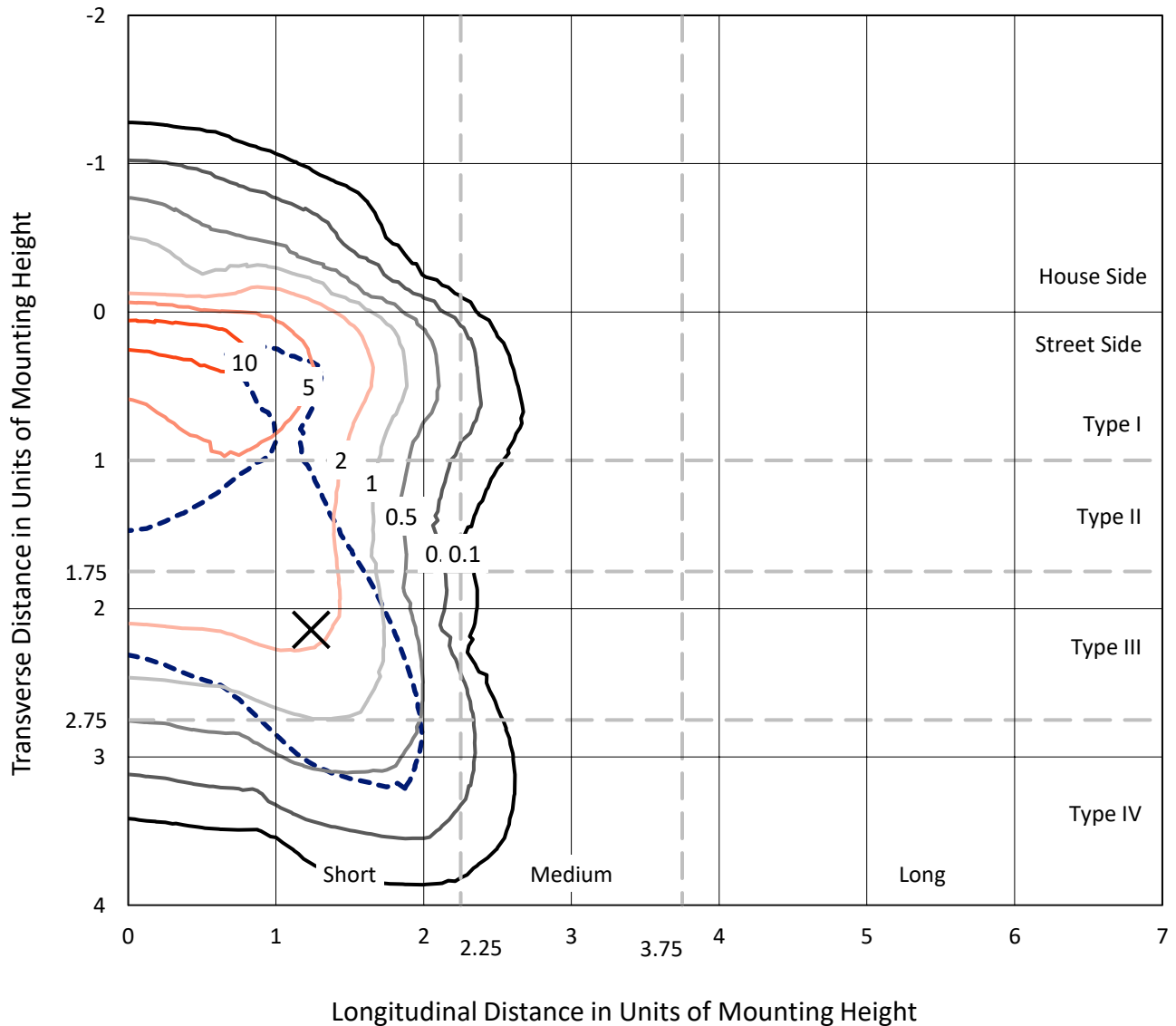
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26082.9 lumens  
Efficiency: N/A  
Efficacy: 101.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4  
  
Input Watts (W): 256.7  
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: P1458948  
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### Iso-Footcandle Lines of Horizontal Illumination

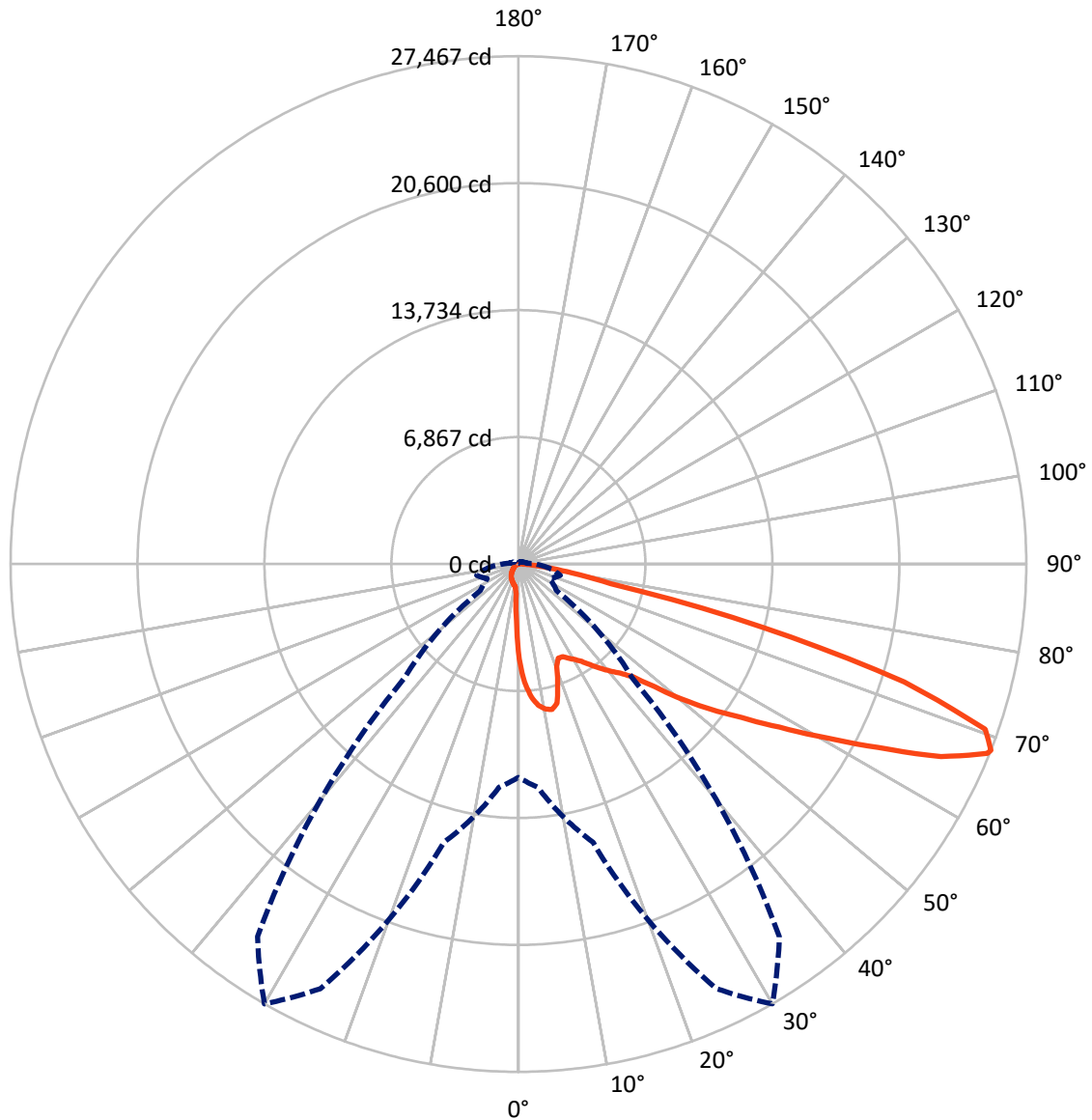
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral    - - - Horizontal Cone Through 68-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1990.8	0.0	1990.8
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	24092.1	0.0	24092.1
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	26082.9	0.0	26082.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	443.8	1.7
10°-20°	1267.0	4.9
20°-30°	1991.1	7.6
30°-40°	3122.9	12.0
40°-50°	4667.8	17.9
50°-60°	6209.6	23.8
60°-70°	6002.8	23.0
70°-80°	2157.8	8.3
80°-90°	220.2	0.8
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°	26082.9	100.0
0°-180°	26082.9	100.0



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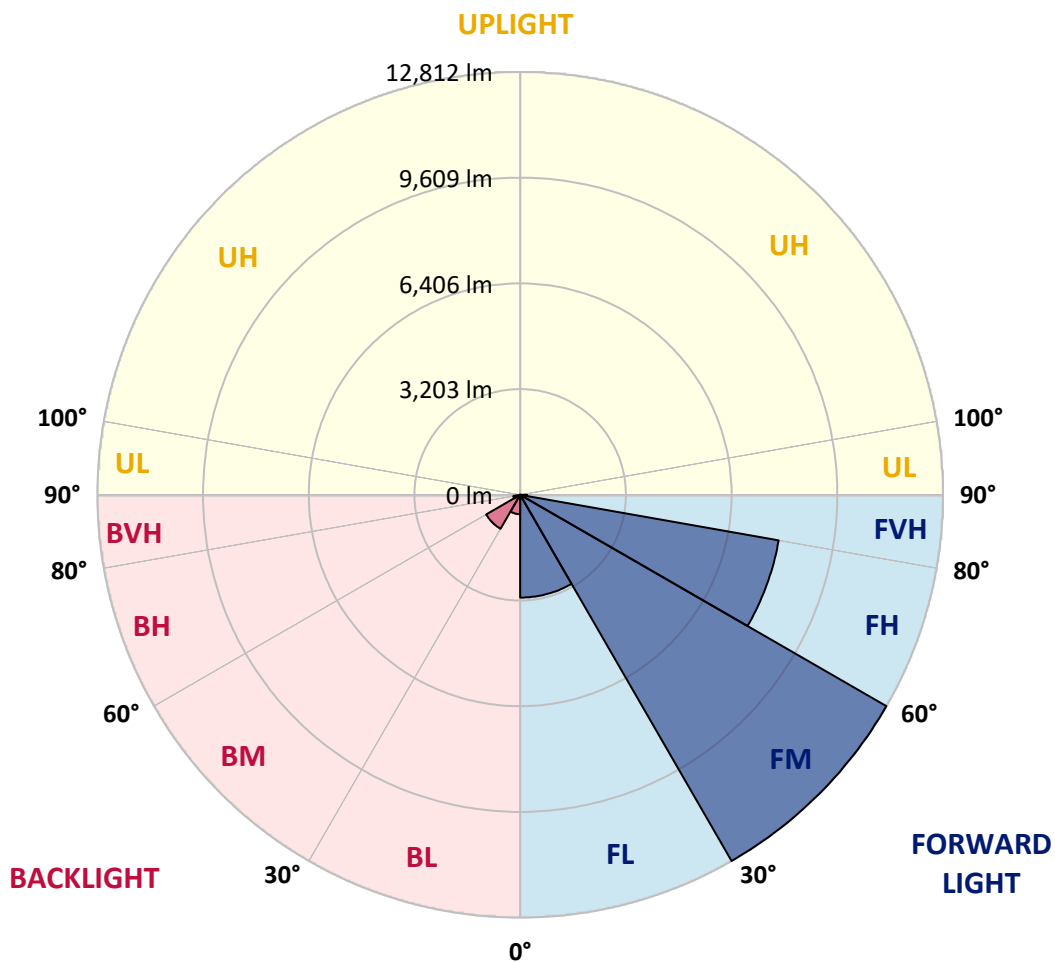
CATALOG NUMBER: GLAN-SB7B-830-U-T4LG-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3114.3	11.9			
FM (30°-60°)	12811.9	49.1			
FH (60°-80°)	7953.5	30.5			G4/12000
FVH (80°-90°)	212.4	0.8			G2/225
BL (0°-30°)	587.6	2.3	B2/1000		
BM (30°-60°)	1188.3	4.6	B2/2500		
BH (60°-80°)	207.1	0.8	B1/500		G1/500
BVH (80°-90°)	7.8	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-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2
2.5°	6573.7	6573.7	6526.8	6464.2	6393.9	6370.4	6237.6	6050.0	5854.5	5627.9	5299.6
5°	7417.8	7410.0	7316.2	7316.2	7222.4	7136.5	7003.6	6730.0	6417.3	6010.9	5440.3
7.5°	7793.0	7808.7	7769.6	7769.6	7714.9	7652.3	7574.2	7308.4	6941.0	6393.9	5581.0
10°	7925.9	7933.7	7933.7	7988.4	7972.8	7965.0	7957.2	7808.7	7425.7	6784.7	5729.5
12.5°	7605.4	7644.5	7754.0	7996.3	8074.4	8160.4	8277.7	8230.8	7965.0	7277.1	5956.2
15°	6573.7	6581.5	6886.3	7488.2	7808.7	8137.0	8590.3	8684.1	8512.2	7808.7	6190.7
17.5°	5424.6	5448.1	5690.4	6362.6	6878.5	7636.7	8770.1	9153.1	9090.6	8332.4	6409.5
20°	4947.8	4979.1	5096.3	5518.4	5909.3	6612.7	8590.3	9598.6	9622.1	8856.1	6612.7
22.5°	4838.4	4861.9	4955.7	5283.9	5526.3	5995.2	7980.6	9950.4	10224.0	9457.9	6855.1
25°	4807.1	4830.6	4971.3	5330.8	5557.5	5948.3	7425.7	10138.0	10935.3	10083.3	7089.6
27.5°	4783.7	4815.0	5041.6	5502.8	5768.6	6143.8	7324.0	10177.1	11615.3	10747.7	7472.6
30°	4815.0	4861.9	5158.9	5682.6	5987.4	6409.5	7566.4	10216.1	12365.7	11505.9	7957.2
32.5°	4940.0	4979.1	5338.7	5924.9	6276.6	6753.4	7980.6	10450.6	13077.0	12279.7	8418.4
35°	5080.7	5135.4	5565.3	6268.8	6690.9	7230.2	8543.4	10911.8	13757.0	13014.4	8895.2
37.5°	5252.7	5315.2	5831.1	6659.6	7144.3	7754.0	9153.1	11552.8	14358.9	13616.3	9372.0
40°	5487.2	5557.5	6135.9	7073.9	7597.6	8207.3	9755.0	12185.9	14820.1	13975.9	9684.6
42.5°	6409.5	6503.3	6745.6	7480.4	8066.6	8691.9	10349.0	12787.8	14992.0	14093.1	9747.2
45°	8129.1	8222.9	8160.4	8301.1	8691.9	9278.2	10997.8	13366.2	15015.5	14061.9	9715.9
47.5°	9856.6	9966.0	9911.3	9833.1	9919.1	10200.5	11724.7	13733.6	14890.4	14046.2	9715.9
50°	11505.9	11443.3	11451.2	11427.7	11505.9	11654.4	12428.2	13803.9	14859.1	14194.7	9801.9
52.5°	12389.1	12420.4	12615.8	12905.0	13077.0	13225.5	13233.3	13913.3	14632.5	13944.6	9700.3
55°	13256.8	13319.3	13772.6	14265.1	14648.1	14929.5	14038.4	13843.0	13280.2	13108.2	9168.7
57.5°	14233.8	14319.8	14960.8	15976.9	16649.1	16797.6	14835.7	12529.8	11240.1	11912.3	8137.0
60°	15578.3	15679.9	16531.9	18056.1	19056.6	18751.8	14898.2	10442.8	8926.4	9887.9	6714.4
62.5°	16633.5	16836.7	18376.6	20752.8	21854.9	20885.7	13733.6	8004.1	6237.6	6948.9	4900.9
65°	15507.9	15898.7	18407.8	23840.3	25114.4	23394.7	11904.5	5463.7	3517.4	4494.5	3134.4
67.5°	12537.6	13084.8	16344.3	25341.0	27349.9	24715.7	9372.0	2899.9	2016.7	2610.7	1649.3
68°	11537.1	12131.2	15586.1	25341.0	27467.1	24598.5	8699.7	2509.1	1860.3	2344.9	1430.4
70°	7972.8	8394.9	11982.7	23918.4	26779.3	22425.5	5729.5	1438.2	1399.2	1610.2	945.8
72.5°	3908.2	4361.6	6409.5	18955.0	21815.8	17235.4	2610.7	953.6	1063.0	1180.3	742.6
75°	1555.5	1649.3	2524.7	9348.5	13632.0	10997.8	1367.9	719.1	914.5	922.3	586.2
77.5°	891.1	945.8	1399.2	3439.3	5112.0	4916.6	883.3	515.9	726.9	664.4	383.0
80°	500.3	508.1	789.5	1813.4	2923.4	2618.5	601.9	375.2	555.0	469.0	257.9
82.5°	250.1	281.4	500.3	1000.5	1625.8	1664.9	320.5	265.8	445.5	336.1	211.0
85°	179.8	195.4	359.6	555.0	750.4	1125.6	195.4	132.9	336.1	226.7	148.5
87.5°	93.8	117.2	226.7	273.6	304.8	383.0	93.8	62.5	187.6	132.9	78.2
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: P1458948

CATALOG NUMBER: GLAN-SB7B-830-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2	5143.2
2.5°	5143.2	4963.5	4596.1	4166.2	3830.1	3486.2	3204.8	2939.0	2813.9	2798.3	2829.6
5°	5119.8	4729.0	3892.6	3071.9	2399.7	1930.7	1672.7	1539.8	1469.5	1438.2	1446.0
7.5°	5072.9	4478.8	3142.2	2079.2	1555.5	1352.3	1289.7	1266.3	1258.5	1258.5	1258.5
10°	5026.0	4142.7	2407.5	1524.2	1274.1	1219.4	1203.7	1203.7	1195.9	1195.9	1203.7
12.5°	5002.6	3830.1	1868.1	1274.1	1188.1	1164.7	1149.0	1141.2	1141.2	1141.2	1149.0
15°	4947.8	3486.2	1508.6	1180.3	1133.4	1102.1	1094.3	1086.5	1086.5	1086.5	1086.5
17.5°	4900.9	3150.0	1313.2	1117.8	1078.7	1047.4	1039.6	1031.8	1031.8	1039.6	1039.6
20°	4830.6	2829.6	1180.3	1055.2	1024.0	992.7	984.9	977.1	984.9	984.9	984.9
22.5°	4744.6	2563.8	1102.1	1008.3	969.2	938.0	938.0	938.0	938.0	938.0	945.8
25°	4689.9	2376.2	1047.4	953.6	914.5	891.1	883.3	883.3	898.9	898.9	906.7
27.5°	4775.9	2329.3	1055.2	938.0	867.6	844.2	836.4	836.4	852.0	859.8	867.6
30°	5033.8	2415.3	1149.0	984.9	836.4	797.3	789.5	789.5	812.9	820.7	828.5
32.5°	5330.8	2595.1	1289.7	1047.4	812.9	750.4	734.7	734.7	758.2	766.0	773.8
35°	5737.3	2876.5	1477.3	1102.1	828.5	703.5	672.2	672.2	687.9	703.5	711.3
37.5°	6261.0	3337.6	1696.2	1141.2	828.5	648.8	609.7	601.9	617.5	617.5	625.3
40°	6808.2	3939.5	1922.9	1141.2	789.5	594.1	555.0	531.5	539.3	531.5	539.3
42.5°	7113.0	4424.1	2118.3	1070.9	742.6	539.3	500.3	469.0	461.2	445.5	453.4
45°	7285.0	4643.0	2063.6	992.7	695.7	500.3	453.4	414.3	398.6	375.2	375.2
47.5°	7285.0	4666.4	1766.5	930.2	648.8	469.0	406.5	367.4	343.9	320.5	328.3
50°	7199.0	4455.4	1399.2	867.6	594.1	437.7	367.4	336.1	304.8	289.2	289.2
52.5°	6839.4	3767.5	1070.9	789.5	531.5	398.6	328.3	297.0	265.8	257.9	257.9
55°	6221.9	2767.0	867.6	711.3	476.8	367.4	297.0	273.6	242.3	226.7	226.7
57.5°	5057.3	1891.6	719.1	641.0	422.1	328.3	265.8	242.3	203.2	187.6	187.6
60°	3751.9	1235.0	609.7	562.8	359.6	297.0	234.5	203.2	172.0	156.3	148.5
62.5°	2532.5	836.4	508.1	445.5	304.8	257.9	203.2	172.0	132.9	101.6	101.6
65°	1578.9	648.8	422.1	351.7	265.8	226.7	172.0	132.9	93.8	70.3	62.5
67.5°	906.7	523.7	343.9	273.6	226.7	179.8	132.9	109.4	78.2	54.7	46.9
68°	836.4	500.3	320.5	257.9	211.0	172.0	125.1	101.6	70.3	46.9	46.9
70°	680.0	445.5	273.6	211.0	179.8	140.7	109.4	86.0	54.7	31.3	31.3
72.5°	601.9	375.2	234.5	164.1	125.1	117.2	86.0	62.5	39.1	23.4	15.6
75°	492.4	297.0	187.6	125.1	86.0	86.0	62.5	39.1	15.6	0.0	0.0
77.5°	320.5	218.9	148.5	78.2	46.9	54.7	39.1	15.6	0.0	0.0	0.0
80°	211.0	164.1	101.6	39.1	23.4	23.4	7.8	0.0	0.0	0.0	0.0
82.5°	148.5	109.4	62.5	15.6	7.8	7.8	0.0	0.0	0.0	0.0	0.0
85°	93.8	46.9	23.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.1	15.6	7.8	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

REPORT NUMBER: SP1-2407-184-9

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**

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			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.33**

$\lambda$ (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	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)