

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: P1458775

Luminaire Tested: GLAN-SB9A-730-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458775  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9A-730-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (234) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

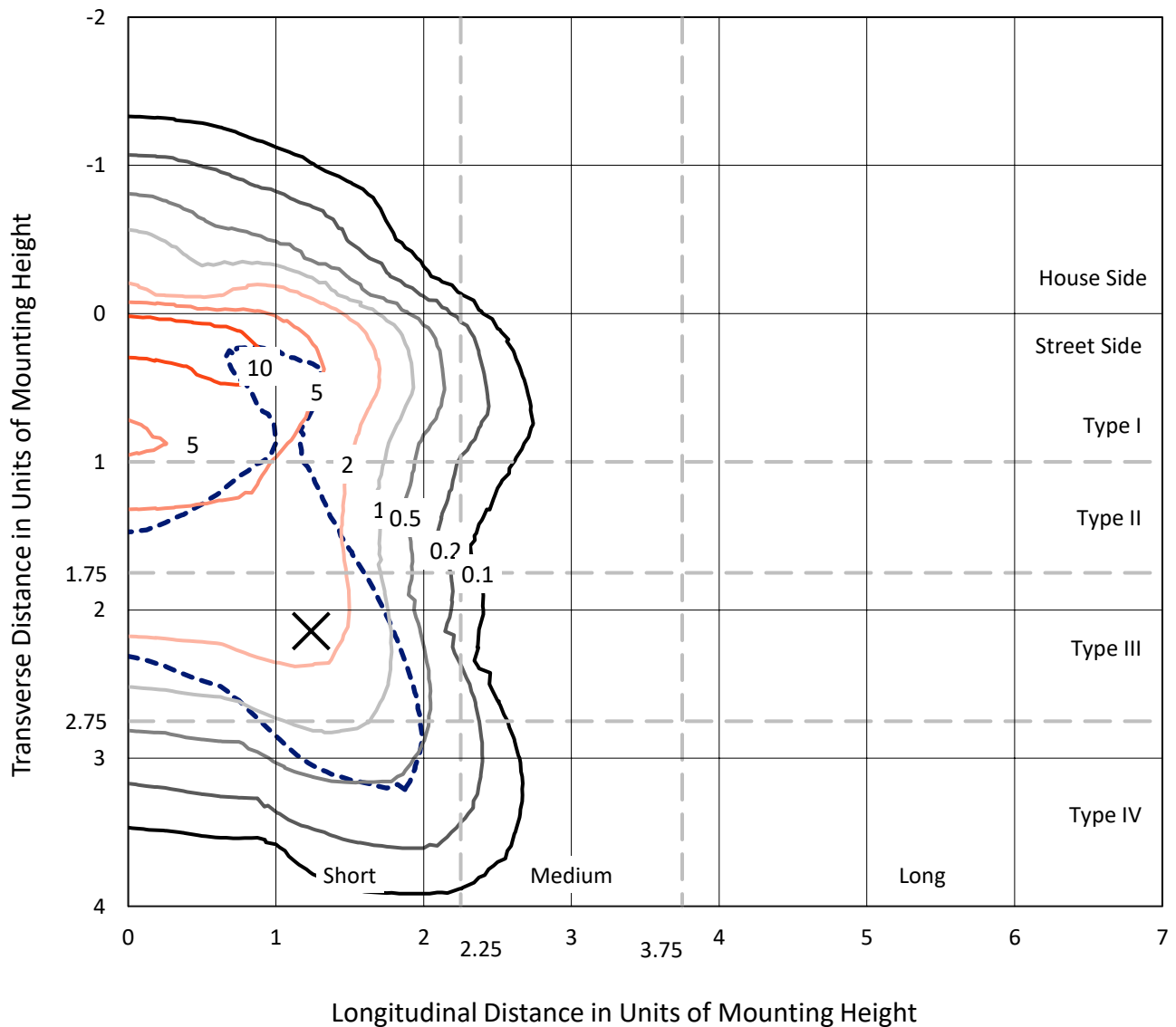
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 29621 lumens  
Efficiency: N/A  
Efficacy: 115.9 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): 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: P1458775  
 CATALOG NUMBER: GLAN-SB9A-730-U-T4LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

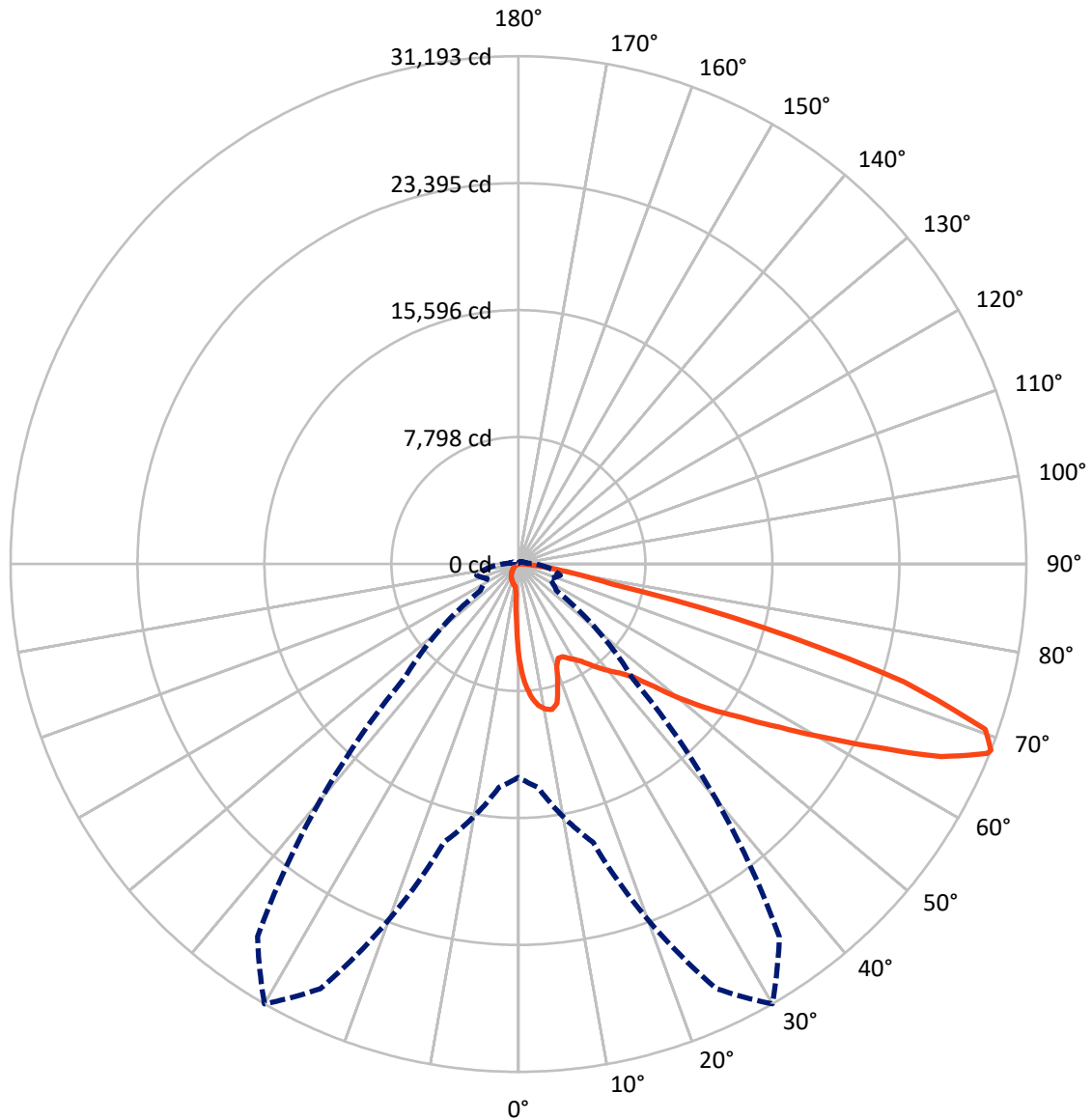
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.3 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	2260.8	0.0	2260.8
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	27360.1	0.0	27360.1
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	29621.0	0.0	29621.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	504.0	1.7
10°-20°	1438.9	4.9
20°-30°	2261.2	7.6
30°-40°	3546.5	12.0
40°-50°	5300.9	17.9
50°-60°	7051.9	23.8
60°-70°	6817.0	23.0
70°-80°	2450.5	8.3
80°-90°	250.1	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°	29621.0	100.0
0°-180°	29621.0	100.0



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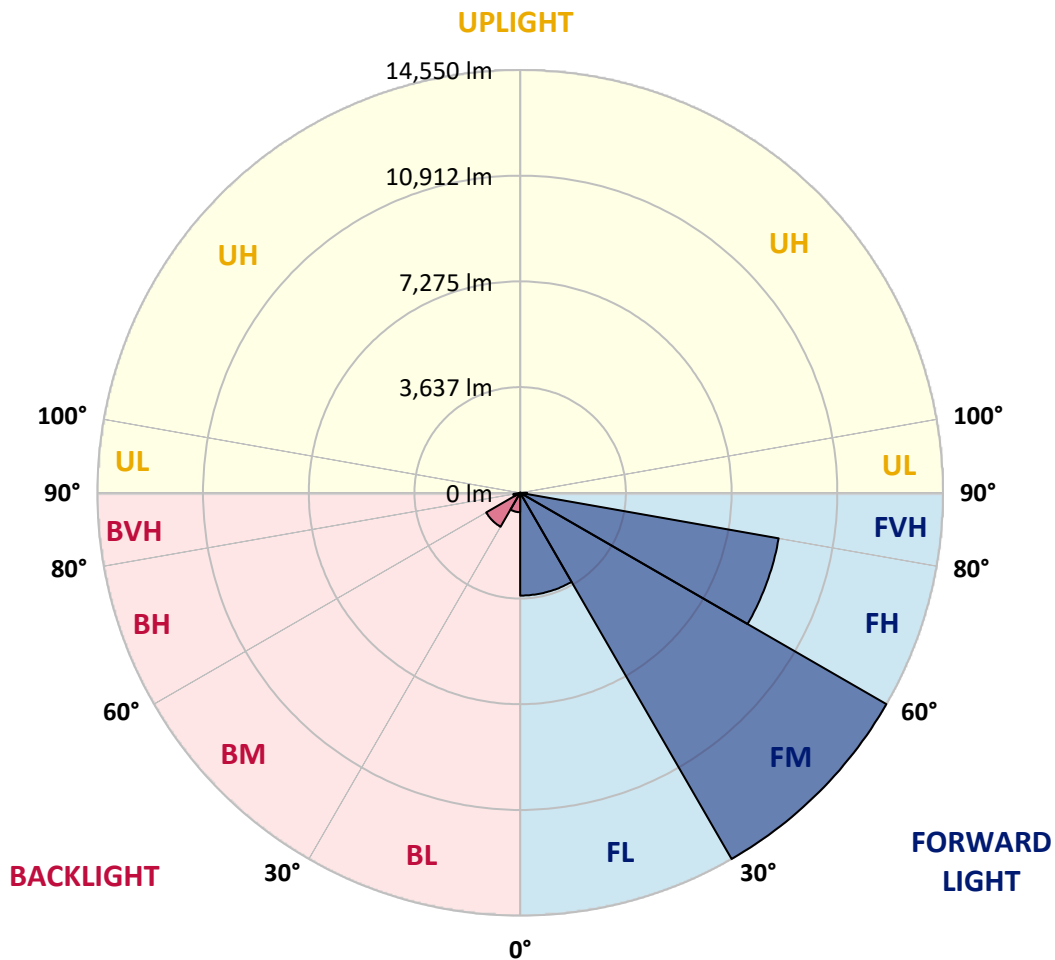
CATALOG NUMBER: GLAN-SB9A-730-U-T4LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3536.7	11.9			
FM	(30°-60°)	14549.8	49.1			
FH	(60°-80°)	9032.4	30.5			G4/12000
FVH	(80°-90°)	241.2	0.8			G3/500
BL	(0°-30°)	667.3	2.3	B2/1000		
BM	(30°-60°)	1349.5	4.6	B2/2500		
BH	(60°-80°)	235.1	0.8	B1/500		G1/500
BVH	(80°-90°)	8.9	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°	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9
2.5°	7465.3	7465.3	7412.1	7341.1	7261.2	7234.6	7083.6	6870.6	6648.7	6391.3	6018.4
5°	8424.0	8415.2	8308.6	8308.6	8202.1	8104.5	7953.6	7642.9	7287.8	6826.2	6178.2
7.5°	8850.1	8867.9	8823.5	8823.5	8761.4	8690.3	8601.6	8299.8	7882.6	7261.2	6338.0
10°	9001.0	9009.9	9009.9	9072.0	9054.3	9045.4	9036.5	8867.9	8432.9	7705.0	6506.7
12.5°	8637.1	8681.5	8805.7	9080.9	9169.7	9267.3	9400.5	9347.2	9045.4	8264.3	6764.1
15°	7465.3	7474.2	7820.4	8503.9	8867.9	9240.7	9755.6	9862.1	9666.8	8867.9	7030.4
17.5°	6160.5	6187.1	6462.3	7225.7	7811.5	8672.6	9959.7	10394.7	10323.7	9462.6	7278.9
20°	5619.0	5654.5	5787.6	6267.0	6710.8	7509.7	9755.6	10900.7	10927.3	10057.4	7509.7
22.5°	5494.7	5521.3	5627.9	6000.7	6275.9	6808.5	9063.2	11300.1	11610.8	10740.9	7784.9
25°	5459.2	5485.8	5645.6	6053.9	6311.4	6755.2	8432.9	11513.1	12418.6	11451.0	8051.2
27.5°	5432.6	5468.1	5725.5	6249.2	6551.0	6977.1	8317.5	11557.5	13190.9	12205.5	8486.2
30°	5468.1	5521.3	5858.7	6453.4	6799.6	7278.9	8592.7	11601.9	14043.0	13066.6	9036.5
32.5°	5610.1	5654.5	6062.8	6728.6	7128.0	7669.5	9063.2	11868.2	14850.8	13945.4	9560.3
35°	5769.9	5832.0	6320.2	7119.2	7598.5	8211.0	9702.3	12391.9	15623.1	14779.8	10101.7
37.5°	5965.2	6036.2	6622.1	7563.0	8113.4	8805.7	10394.7	13119.8	16306.6	15463.3	10643.2
40°	6231.5	6311.4	6968.3	8033.5	8628.2	9320.6	11078.2	13838.9	16830.3	15871.6	10998.3
42.5°	7278.9	7385.5	7660.6	8495.1	9160.8	9870.9	11752.8	14522.4	17025.6	16004.8	11069.3
45°	9231.8	9338.3	9267.3	9427.1	9870.9	10536.7	12489.6	15179.2	17052.2	15969.3	11033.8
47.5°	11193.6	11317.9	11255.7	11167.0	11264.6	11584.2	13315.1	15596.5	16910.2	15951.5	11033.8
50°	13066.6	12995.6	13004.4	12977.8	13066.6	13235.2	14114.0	15676.3	16874.7	16120.2	11131.4
52.5°	14069.7	14105.2	14327.1	14655.5	14850.8	15019.5	15028.3	15800.6	16617.3	15836.1	11016.0
55°	15055.0	15126.0	15640.8	16200.1	16635.0	16954.6	15942.6	15720.7	15081.6	14886.3	10412.4
57.5°	16164.6	16262.2	16990.1	18144.1	18907.5	19076.1	16848.1	14229.4	12764.8	13528.2	9240.7
60°	17691.4	17806.8	18774.3	20505.3	21641.5	21295.3	16919.1	11859.3	10137.3	11229.1	7625.1
62.5°	18889.7	19120.5	20869.2	23567.8	24819.4	23718.7	15596.5	9089.8	7083.6	7891.4	5565.7
65°	17611.5	18055.3	20904.8	27074.1	28521.0	26568.1	13519.3	6204.8	3994.5	5104.1	3559.6
67.5°	14238.3	14859.7	18561.3	28778.4	31059.8	28068.3	10643.2	3293.3	2290.2	2964.8	1873.0
68°	13102.1	13776.7	17700.2	28778.4	31192.9	27935.1	9879.8	2849.4	2112.7	2663.0	1624.4
70°	9054.3	9533.6	13608.1	27162.9	30411.8	25467.4	6506.7	1633.3	1588.9	1828.6	1074.1
72.5°	4438.4	4953.2	7278.9	21526.1	24775.0	19573.2	2964.8	1083.0	1207.2	1340.4	843.3
75°	1766.5	1873.0	2867.2	10616.6	15481.1	12489.6	1553.4	816.7	1038.6	1047.5	665.8
77.5°	1011.9	1074.1	1588.9	3905.8	5805.4	5583.5	1003.1	585.9	825.5	754.5	435.0
80°	568.1	577.0	896.6	2059.4	3319.9	2973.7	683.5	426.1	630.2	532.6	292.9
82.5°	284.1	319.6	568.1	1136.2	1846.4	1890.7	363.9	301.8	506.0	381.7	239.7
85°	204.2	221.9	408.3	630.2	852.2	1278.3	221.9	150.9	381.7	257.4	168.7
87.5°	106.5	133.2	257.4	310.7	346.2	435.0	106.5	71.0	213.0	150.9	88.8
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: P1458775

CATALOG NUMBER: GLAN-SB9A-730-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9	5840.9
2.5°	5840.9	5636.7	5219.5	4731.3	4349.6	3959.0	3639.5	3337.7	3195.6	3177.9	3213.4
5°	5814.3	5370.4	4420.6	3488.6	2725.2	2192.6	1899.6	1748.7	1668.8	1633.3	1642.2
7.5°	5761.0	5086.4	3568.5	2361.2	1766.5	1535.7	1464.7	1438.0	1429.2	1429.2	1429.2
10°	5707.8	4704.7	2734.0	1731.0	1446.9	1384.8	1367.0	1367.0	1358.1	1358.1	1367.0
12.5°	5681.1	4349.6	2121.5	1446.9	1349.3	1322.6	1304.9	1296.0	1296.0	1296.0	1304.9
15°	5619.0	3959.0	1713.2	1340.4	1287.1	1251.6	1242.7	1233.9	1233.9	1233.9	1233.9
17.5°	5565.7	3577.3	1491.3	1269.4	1225.0	1189.5	1180.6	1171.7	1171.7	1180.6	1180.6
20°	5485.8	3213.4	1340.4	1198.4	1162.9	1127.3	1118.5	1109.6	1118.5	1118.5	1118.5
22.5°	5388.2	2911.6	1251.6	1145.1	1100.7	1065.2	1065.2	1065.2	1065.2	1065.2	1074.1
25°	5326.1	2698.5	1189.5	1083.0	1038.6	1011.9	1003.1	1003.1	1020.8	1020.8	1029.7
27.5°	5423.7	2645.3	1198.4	1065.2	985.3	958.7	949.8	949.8	967.6	976.4	985.3
30°	5716.6	2742.9	1304.9	1118.5	949.8	905.4	896.6	896.6	923.2	932.1	940.9
32.5°	6053.9	2947.1	1464.7	1189.5	923.2	852.2	834.4	834.4	861.0	869.9	878.8
35°	6515.5	3266.6	1677.7	1251.6	940.9	798.9	763.4	763.4	781.2	798.9	807.8
37.5°	7110.3	3790.4	1926.3	1296.0	940.9	736.8	692.4	683.5	701.3	701.3	710.1
40°	7731.7	4473.9	2183.7	1296.0	896.6	674.6	630.2	603.6	612.5	603.6	612.5
42.5°	8077.8	5024.2	2405.6	1216.1	843.3	612.5	568.1	532.6	523.7	506.0	514.9
45°	8273.1	5272.8	2343.5	1127.3	790.0	568.1	514.9	470.5	452.7	426.1	426.1
47.5°	8273.1	5299.4	2006.1	1056.3	736.8	532.6	461.6	417.2	390.6	363.9	372.8
50°	8175.5	5059.7	1588.9	985.3	674.6	497.1	417.2	381.7	346.2	328.4	328.4
52.5°	7767.2	4278.6	1216.1	896.6	603.6	452.7	372.8	337.3	301.8	292.9	292.9
55°	7065.9	3142.4	985.3	807.8	541.5	417.2	337.3	310.7	275.2	257.4	257.4
57.5°	5743.3	2148.2	816.7	727.9	479.3	372.8	301.8	275.2	230.8	213.0	213.0
60°	4260.8	1402.5	692.4	639.1	408.3	337.3	266.3	230.8	195.3	177.5	168.7
62.5°	2876.1	949.8	577.0	506.0	346.2	292.9	230.8	195.3	150.9	115.4	115.4
65°	1793.1	736.8	479.3	399.5	301.8	257.4	195.3	150.9	106.5	79.9	71.0
67.5°	1029.7	594.7	390.6	310.7	257.4	204.2	150.9	124.3	88.8	62.1	53.3
68°	949.8	568.1	363.9	292.9	239.7	195.3	142.0	115.4	79.9	53.3	53.3
70°	772.3	506.0	310.7	239.7	204.2	159.8	124.3	97.6	62.1	35.5	35.5
72.5°	683.5	426.1	266.3	186.4	142.0	133.2	97.6	71.0	44.4	26.6	17.8
75°	559.2	337.3	213.0	142.0	97.6	97.6	71.0	44.4	17.8	0.0	0.0
77.5°	363.9	248.5	168.7	88.8	53.3	62.1	44.4	17.8	0.0	0.0	0.0
80°	239.7	186.4	115.4	44.4	26.6	26.6	8.9	0.0	0.0	0.0	0.0
82.5°	168.7	124.3	71.0	17.8	8.9	8.9	0.0	0.0	0.0	0.0	0.0
85°	106.5	53.3	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	44.4	17.8	8.9	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: SP1-2407-184-4

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

REPORT NUMBER: SP1-2407-184-4

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**

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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**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  $R_a = 70.8$   
 $R_9 = -43.2$



**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)