

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: P1456446

Luminaire Tested: GLAN-SB2D-730-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456446  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB2D-730-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 2xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (52) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19845.6 lumens  
Efficiency: N/A  
Efficacy: 134.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3

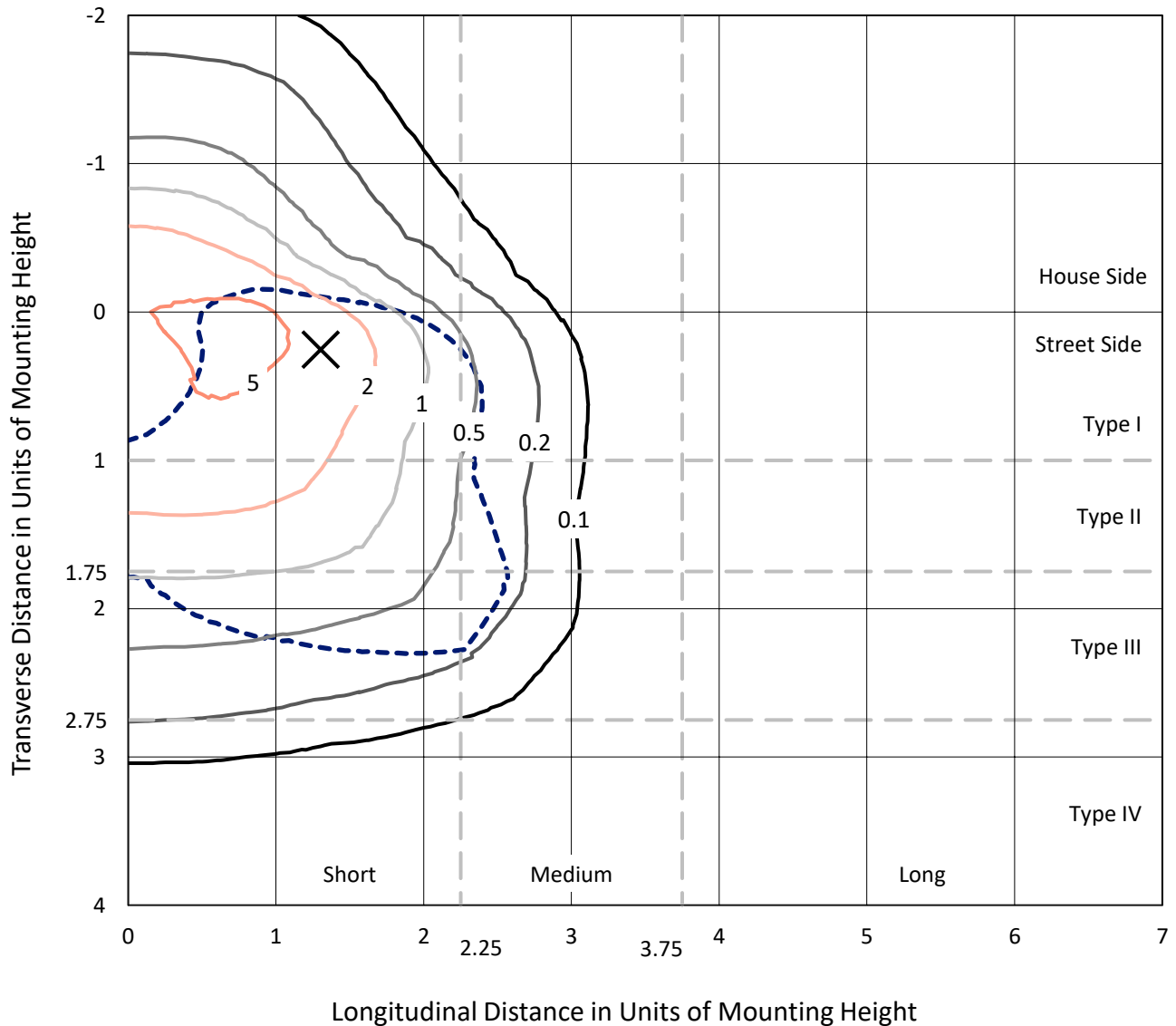
Input Watts (W): 147.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

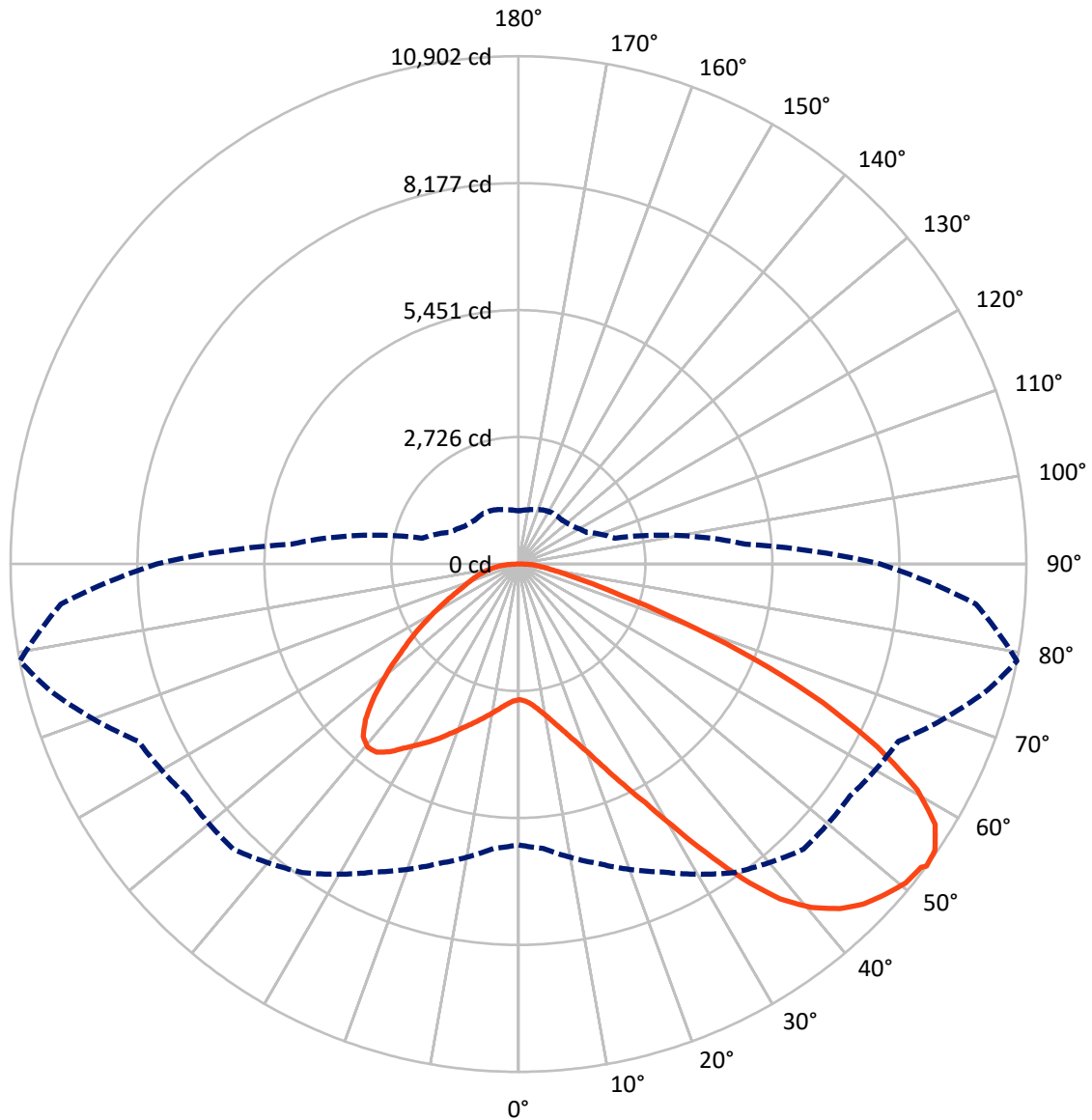


Based on 25 foot mounting height. Maximum calculated value = 7.3 fc  
 Type III - Short - N/A

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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	5002.9	0.0	5002.9
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	14842.7	0.0	14842.7
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	19845.6	0.0	19845.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	277.6	1.4
10°-20°	859.6	4.3
20°-30°	1643.5	8.3
30°-40°	2821.8	14.2
40°-50°	3952.5	19.9
50°-60°	4485.6	22.6
60°-70°	3933.6	19.8
70°-80°	1538.1	7.8
80°-90°	333.3	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°	19845.6	100.0
0°-180°	19845.6	100.0



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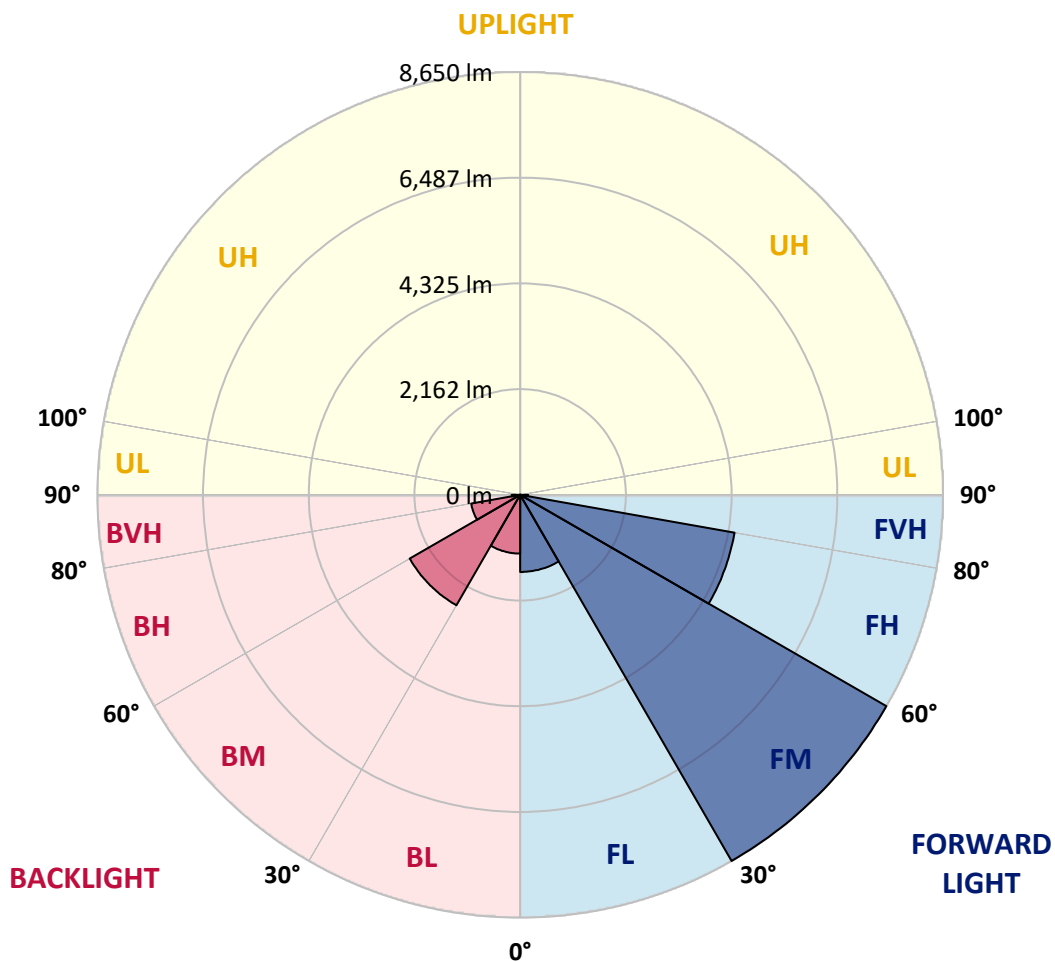
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1577.5	7.9			
FM (30°-60°)	8650.0	43.6			
FH (60°-80°)	4453.5	22.4			G2/5000
FVH (80°-90°)	161.6	0.8			G2/225
BL (0°-30°)	1203.2	6.1	B3/2500		
BM (30°-60°)	2609.9	13.2	B3/5000		
BH (60°-80°)	1018.2	5.1	B3/2500		G3/2500
BVH (80°-90°)	171.6	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-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4
2.5°	2917.8	2917.8	2900.1	2917.8	2909.0	2922.2	2931.1	2931.1	2948.8	2944.3	2944.3
5°	2869.2	2860.3	2855.9	2886.9	2904.5	2939.9	2979.7	2997.4	3028.3	3028.3	3032.7
7.5°	2741.0	2736.5	2758.7	2820.5	2878.0	2966.4	3050.4	3099.1	3147.7	3156.5	3156.5
10°	2661.4	2657.0	2683.5	2758.7	2851.5	2979.7	3112.3	3214.0	3293.6	3315.7	3315.7
12.5°	2661.4	2661.4	2683.5	2758.7	2855.9	3010.6	3191.9	3364.3	3488.1	3514.6	3505.8
15°	2736.5	2732.1	2758.7	2838.2	2931.1	3077.0	3298.0	3527.9	3695.9	3744.5	3748.9
17.5°	2816.1	2811.7	2851.5	2953.2	3063.7	3209.6	3435.1	3718.0	3956.7	4018.6	4031.9
20°	2939.9	2935.5	2984.1	3081.4	3218.4	3386.4	3620.7	3943.5	4275.0	4341.3	4359.0
22.5°	3081.4	3085.8	3138.9	3258.2	3395.3	3616.3	3903.7	4261.8	4659.6	4761.3	4779.0
25°	3377.6	3364.3	3408.5	3492.5	3638.4	3903.7	4257.3	4646.4	5119.4	5243.2	5265.3
27.5°	3771.0	3748.9	3797.6	3881.6	3987.7	4235.2	4642.0	5075.2	5645.5	5800.2	5804.7
30°	4124.7	4111.5	4177.8	4350.2	4460.7	4650.8	5084.1	5579.2	6295.4	6520.9	6529.7
32.5°	4429.8	4425.3	4549.1	4770.2	5022.2	5225.5	5645.5	6215.8	7117.7	7378.5	7321.0
35°	4721.5	4734.8	4889.5	5119.4	5455.4	5862.1	6286.5	6936.4	7984.2	8298.1	8205.2
37.5°	5017.7	5026.6	5229.9	5526.1	5879.8	6410.3	6980.6	7718.9	8735.7	9124.8	8921.4
40°	5291.8	5318.4	5592.5	5910.8	6370.5	6909.9	7546.5	8262.7	9314.9	9699.5	9478.4
42.5°	5565.9	5605.7	5901.9	6339.6	6830.3	7391.8	7940.0	8594.3	9686.2	10115.1	9774.6
45°	5848.9	5875.4	6242.3	6697.7	7254.7	7772.0	8165.4	8806.5	9942.6	10406.8	9942.6
47.5°	6039.0	6092.0	6494.3	7020.4	7577.5	8063.8	8346.7	8894.9	10106.2	10596.9	10004.5
50°	6114.1	6189.3	6622.5	7206.1	7842.7	8337.8	8488.2	8943.5	10287.5	10764.9	9991.3
52.5°	6100.9	6171.6	6644.6	7290.1	8054.9	8589.8	8625.2	8996.6	10415.7	10822.4	9876.3
53°	6030.1	6127.4	6657.9	7294.5	8085.9	8656.2	8687.1	9001.0	10433.4	10902.0	9858.6
55°	5787.0	5840.0	6520.9	7290.1	8231.7	8903.7	8859.5	9133.6	10482.0	10848.9	9664.1
57.5°	5565.9	5619.0	6211.4	7206.1	8351.1	9253.0	9138.0	9111.5	10216.7	10548.3	9173.4
60°	5424.5	5442.1	5941.7	6940.8	8302.5	9496.1	9319.3	8850.7	9562.4	9836.5	8311.3
62.5°	5305.1	5300.7	5742.8	6560.6	8116.8	9531.5	9354.7	8205.2	8603.1	8647.3	7161.9
65°	5035.4	5004.5	5433.3	6131.8	7732.2	9372.3	8921.4	7228.2	7329.9	7184.0	5751.6
67.5°	4500.5	4434.2	4814.4	5477.5	6949.7	8921.4	8094.7	6092.0	5778.1	5486.4	4332.5
70°	3222.8	3222.8	3527.9	4191.0	5579.2	7710.1	6949.7	4611.0	3978.8	3718.0	2895.7
72.5°	1578.3	1618.1	1936.4	2475.7	3740.1	5596.9	5322.8	2988.5	2413.8	2285.6	1856.8
75°	672.0	676.4	826.7	1096.4	1896.6	3311.3	3333.4	1724.2	1547.3	1485.4	1229.0
77.5°	468.6	477.5	543.8	645.5	901.9	1520.8	1733.0	1043.3	1038.9	994.7	875.3
80°	358.1	366.9	411.1	481.9	605.7	778.1	897.4	707.3	742.7	698.5	632.2
82.5°	269.7	278.5	309.5	362.5	433.2	521.7	504.0	521.7	548.2	521.7	455.4
85°	181.3	185.7	207.8	252.0	278.5	313.9	313.9	380.2	397.9	389.0	358.1
87.5°	92.8	92.8	110.5	132.6	141.5	145.9	128.2	168.0	190.1	207.8	168.0
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°	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4	2913.4
2.5°	2944.3	2948.8	2935.5	2931.1	2926.6	2904.5	2904.5	2882.4	2878.0	2882.4	2869.2
5°	3041.6	3032.7	2997.4	2970.9	2939.9	2878.0	2842.6	2794.0	2780.8	2767.5	2754.2
7.5°	3161.0	3147.7	3085.8	3015.1	2931.1	2811.7	2745.4	2665.8	2639.3	2617.2	2608.3
10°	3311.3	3284.7	3187.5	3037.2	2882.4	2736.5	2643.7	2546.4	2502.2	2493.4	2471.3
12.5°	3505.8	3457.2	3275.9	3041.6	2838.2	2648.1	2546.4	2471.3	2453.6	2449.2	2427.1
15°	3722.4	3651.7	3359.9	3046.0	2780.8	2573.0	2511.1	2471.3	2471.3	2466.9	2453.6
17.5°	3987.7	3872.7	3439.5	3028.3	2710.0	2550.9	2519.9	2484.6	2475.7	2480.1	2462.5
20°	4306.0	4115.9	3523.5	3006.2	2679.1	2555.3	2519.9	2471.3	2449.2	2444.8	2431.5
22.5°	4672.9	4394.4	3616.3	2970.9	2679.1	2550.9	2493.4	2427.1	2382.9	2365.2	2347.5
25°	5092.9	4717.1	3713.6	2957.6	2687.9	2533.2	2440.3	2334.2	2263.5	2237.0	2223.7
27.5°	5601.3	5057.5	3784.3	2970.9	2683.5	2493.4	2347.5	2210.5	2130.9	2086.7	2077.8
30°	6162.8	5424.5	3832.9	2993.0	2657.0	2418.2	2237.0	2082.3	1971.7	1918.7	1905.4
32.5°	6825.9	5835.6	3881.6	2993.0	2590.7	2312.1	2108.8	1940.8	1825.8	1763.9	1755.1
35°	7559.8	6339.6	3925.8	2988.5	2511.1	2197.2	1980.6	1808.2	1688.8	1626.9	1622.5
37.5°	8183.1	6719.8	3947.9	2944.3	2400.6	2064.6	1861.2	1688.8	1565.0	1498.7	1494.3
40°	8567.7	6878.9	3903.7	2855.9	2267.9	1927.5	1728.6	1569.4	1445.6	1366.1	1348.4
42.5°	8713.6	6803.8	3762.2	2710.0	2108.8	1790.5	1618.1	1450.1	1286.5	1220.2	1206.9
45°	8665.0	6512.0	3461.6	2502.2	1931.9	1666.7	1520.8	1330.7	1224.6	1167.1	1162.7
47.5°	8501.4	6061.1	3085.8	2241.4	1746.3	1556.2	1392.6	1299.7	1202.5	1140.6	1136.2
50°	8214.1	5579.2	2634.9	1945.2	1578.3	1441.2	1361.6	1286.5	1206.9	1158.3	1149.4
52.5°	7847.1	5035.4	2219.3	1657.8	1432.4	1339.5	1330.7	1277.6	1215.8	1162.7	1140.6
53°	7763.1	4894.0	2139.7	1609.2	1410.3	1326.3	1321.9	1277.6	1206.9	1158.3	1140.6
55°	7360.8	4456.3	1887.7	1436.8	1299.7	1282.1	1321.9	1273.2	1184.8	1145.0	1131.8
57.5°	6715.4	3881.6	1644.6	1277.6	1184.8	1229.0	1308.6	1255.5	1158.3	1087.5	1065.4
60°	5937.3	3222.8	1458.9	1171.5	1100.8	1162.7	1255.5	1193.6	1061.0	1025.7	1021.2
62.5°	5008.9	2608.3	1317.4	1083.1	1030.1	1092.0	1176.0	1069.9	972.6	946.1	937.2
65°	3912.5	2073.4	1206.9	1016.8	959.3	1008.0	1065.4	999.1	937.2	915.1	910.7
67.5°	2909.0	1626.9	1118.5	959.3	888.6	919.6	985.9	968.2	915.1	901.9	897.4
70°	2007.1	1321.9	1038.9	906.3	800.2	835.6	937.2	950.5	897.4	888.6	884.2
72.5°	1405.9	1118.5	954.9	848.8	729.5	764.8	915.1	915.1	857.7	870.9	862.1
75°	1056.6	941.7	857.7	778.1	641.0	694.1	884.2	875.3	817.9	875.3	853.2
77.5°	795.8	760.4	742.7	689.7	561.5	614.5	822.3	804.6	729.5	733.9	694.1
80°	579.1	588.0	636.6	588.0	468.6	508.4	694.1	685.2	592.4	610.1	561.5
82.5°	415.6	437.7	543.8	473.0	340.4	362.5	477.5	517.2	464.2	437.7	446.5
85°	313.9	327.1	437.7	349.3	212.2	238.7	327.1	371.4	362.5	336.0	340.4
87.5°	132.6	150.3	203.4	163.6	123.8	123.8	203.4	260.8	234.3	198.9	207.8
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 ( $\phi$ /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	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**

$\lambda$ (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	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)