

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: P1455768

Luminaire Tested: GLAN-SB4B-740-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1455768  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4B-740-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square  
PACKAGE 70CRI 4000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (104) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 23098.4 lumens  
Efficiency: N/A  
Efficacy: 157.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

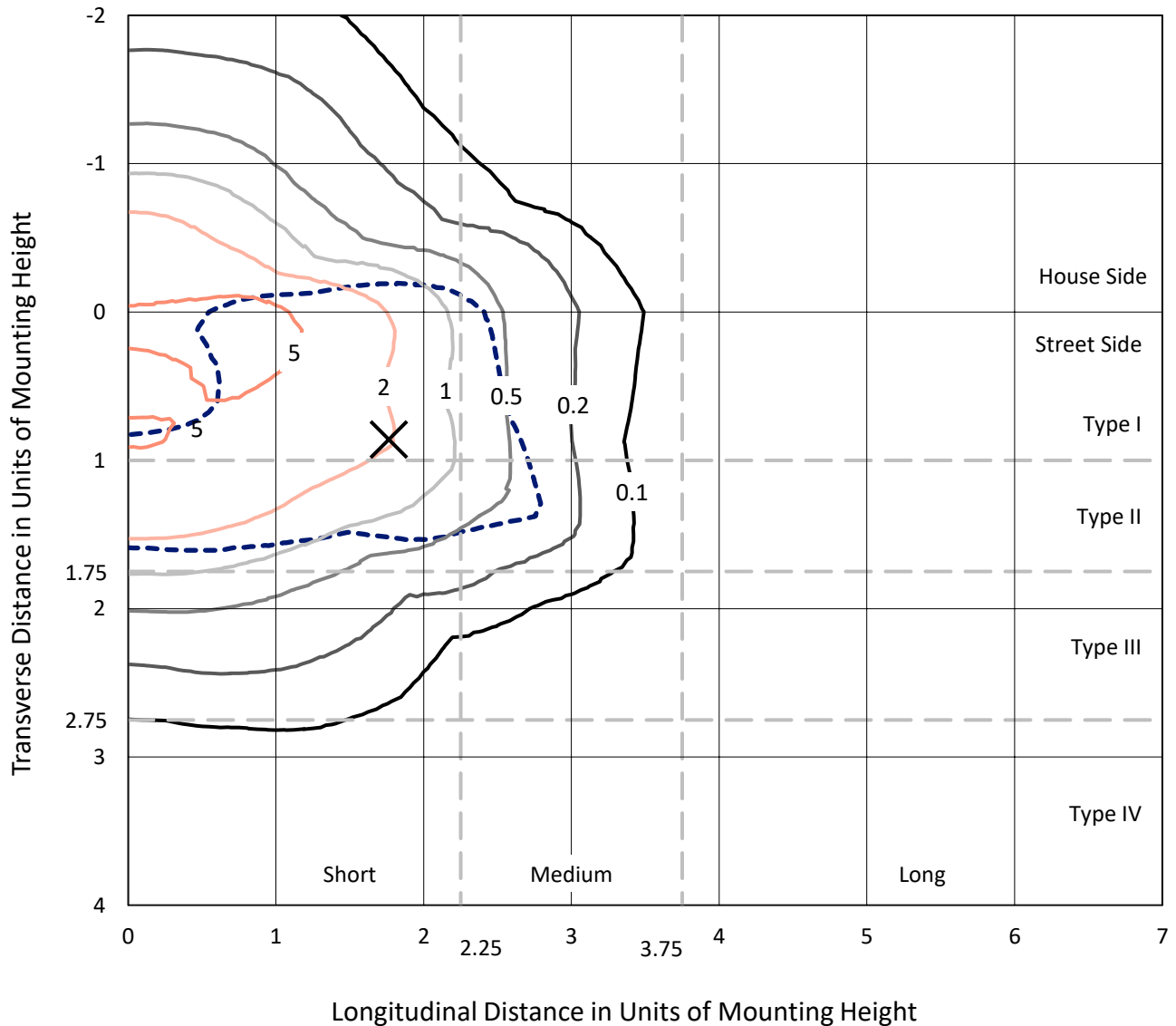
Input Watts (W): 147  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

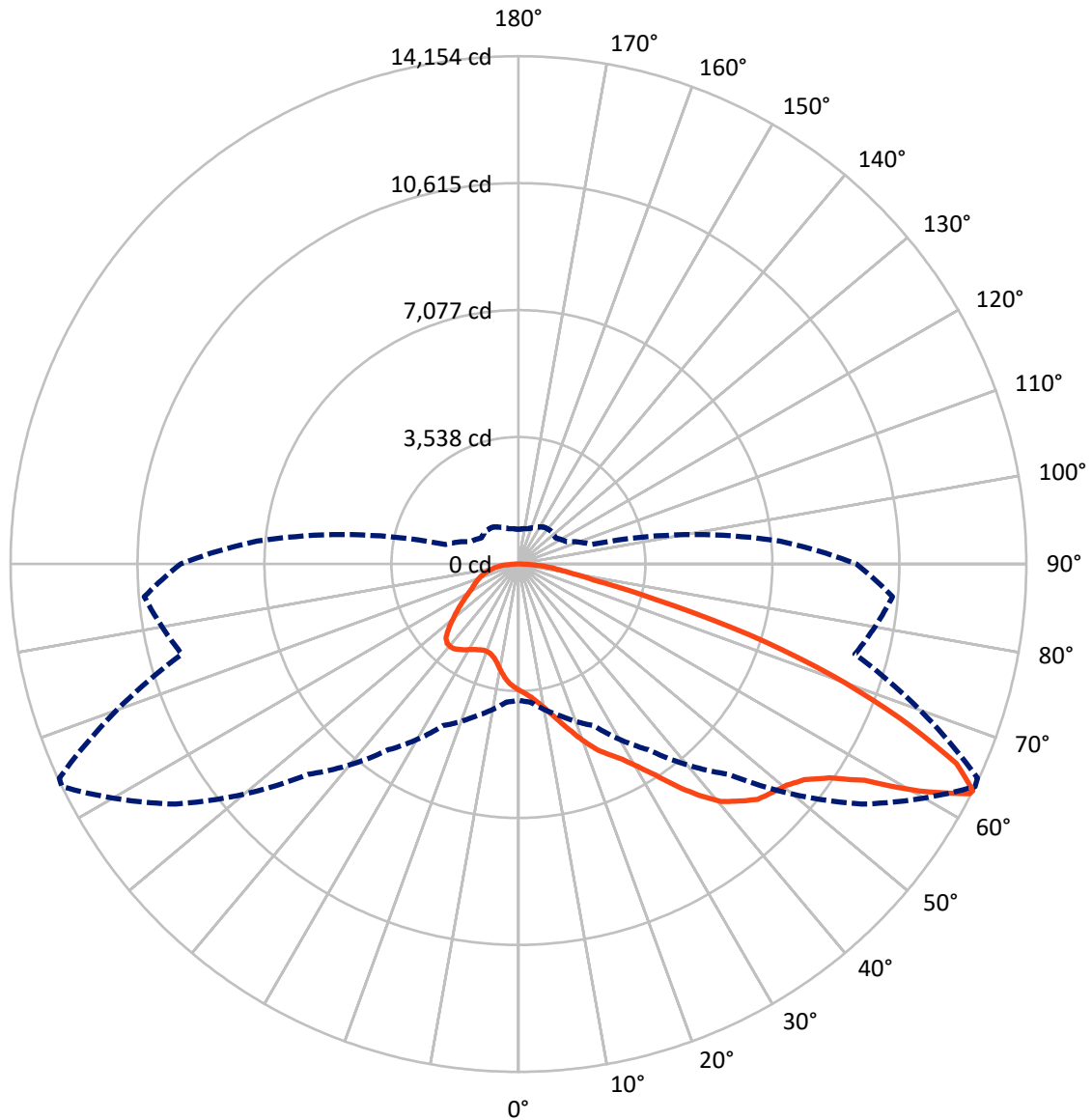


Based on 25 foot mounting height. Maximum calculated value = 8.7 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6205.9	0.0	6205.9
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	16892.5	0.0	16892.5
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	23098.4	0.0	23098.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	323.0	1.4
10°-20°	994.3	4.3
20°-30°	1818.2	7.9
30°-40°	3127.5	13.5
40°-50°	4612.3	20.0
50°-60°	5528.1	23.9
60°-70°	4436.8	19.2
70°-80°	1782.8	7.7
80°-90°	475.4	2.1
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°	23098.4	100.0
0°-180°	23098.4	100.0



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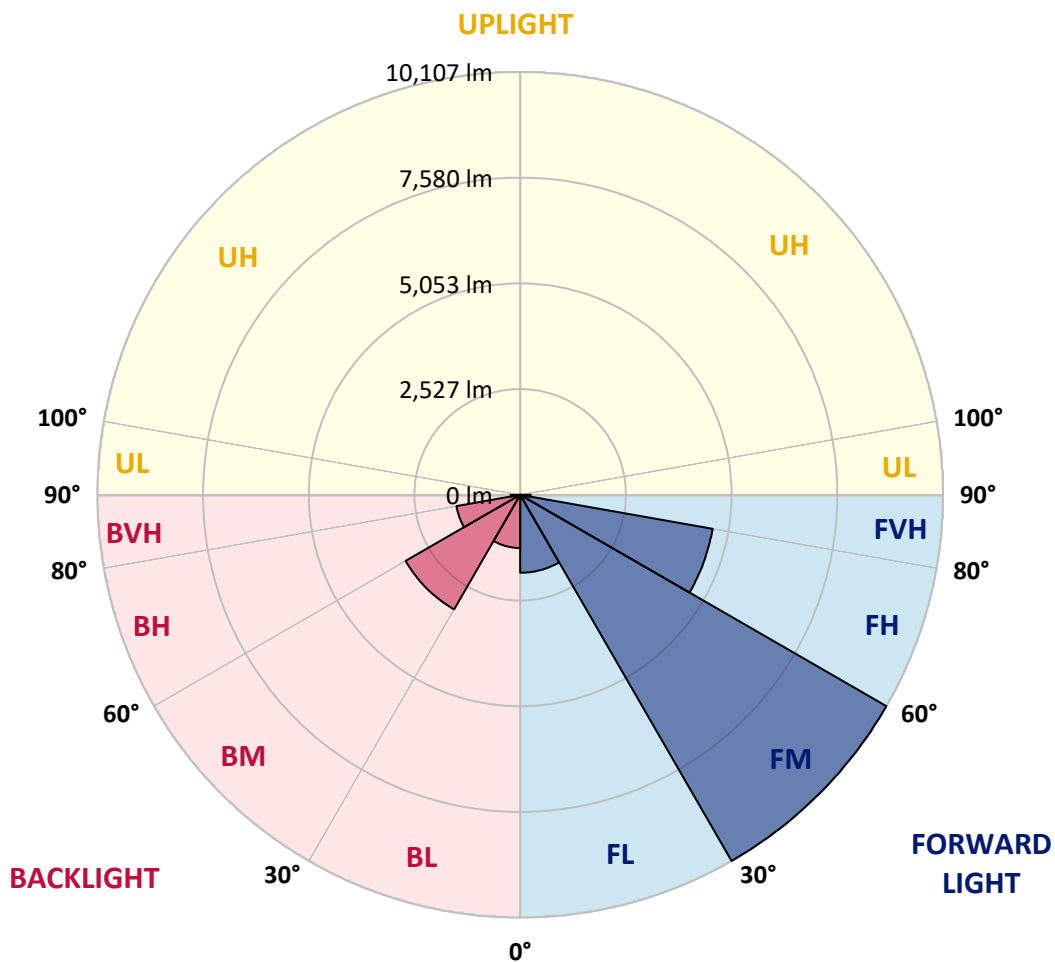
CATALOG NUMBER: GLAN-SB4B-740-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1863.6	8.1			
FM (30°-60°)	10106.8	43.8			
FH (60°-80°)	4672.4	20.2			G2/5000
FVH (80°-90°)	249.8	1.1			G3/500
BL (0°-30°)	1271.8	5.5	B3/2500		
BM (30°-60°)	3161.1	13.7	B3/5000		
BH (60°-80°)	1547.3	6.7	B3/2500		G3/2500
BVH (80°-90°)	225.6	1.0			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6
2.5°	3662.9	3668.1	3652.5	3647.3	3657.7	3637.0	3631.8	3611.0	3600.6	3579.9	3553.9
5°	3766.7	3771.8	3761.5	3761.5	3771.8	3756.3	3751.1	3730.3	3720.0	3699.2	3647.3
7.5°	3761.5	3766.7	3777.0	3818.5	3870.4	3891.2	3906.7	3891.2	3886.0	3854.9	3803.0
10°	3678.5	3683.6	3709.6	3771.8	3901.6	3994.9	4093.5	4093.5	4103.9	4078.0	3984.6
12.5°	3564.3	3569.5	3631.8	3730.3	3901.6	4062.4	4264.7	4347.7	4342.6	4327.0	4218.0
15°	3289.3	3289.3	3382.7	3569.5	3844.5	4109.1	4410.0	4633.1	4638.3	4653.8	4524.1
17.5°	3055.9	3061.1	3138.9	3304.9	3662.9	4083.1	4565.6	4949.6	4965.1	5053.3	4866.6
20°	3076.6	3076.6	3102.6	3175.2	3465.7	3979.4	4653.8	5286.8	5338.7	5546.2	5312.8
22.5°	3237.5	3237.5	3258.2	3253.0	3429.4	3911.9	4710.9	5624.0	5717.4	6148.1	5847.1
25°	3533.2	3528.0	3507.2	3476.1	3579.9	3984.6	4840.6	5883.5	6065.0	6812.2	6464.5
27.5°	3896.4	3886.0	3854.9	3803.0	3875.6	4202.5	5063.7	6158.4	6355.6	7538.5	7118.3
30°	4347.7	4316.6	4285.5	4218.0	4295.9	4560.5	5395.8	6547.6	6734.3	8363.4	7906.9
32.5°	4882.1	4918.4	4814.7	4721.3	4804.3	5048.2	5888.6	7009.3	7211.6	9224.7	8726.6
35°	5681.1	5790.1	5758.9	5286.8	5364.6	5634.4	6464.5	7606.0	7787.5	10008.1	9567.1
37.5°	6469.7	6443.8	6469.7	6075.4	5950.9	6277.8	7081.9	8176.7	8353.1	10646.3	10309.0
40°	7102.7	7180.5	7180.5	6858.8	6698.0	6915.9	7642.3	8700.7	8871.9	10999.1	10843.4
42.5°	7792.7	7803.1	7782.4	7502.2	7439.9	7497.0	8135.2	9032.7	9172.8	11180.6	11206.6
45°	8571.0	8565.8	8477.6	8244.1	8150.7	8098.8	8441.3	9354.4	9494.5	11263.7	11403.7
47.5°	9214.3	9240.2	9245.4	8996.4	8840.8	8617.7	8705.9	9515.2	9676.1	11170.3	11445.2
50°	9250.6	9292.1	9489.3	9561.9	9530.8	9172.8	8949.7	9686.4	9847.3	11191.0	11595.7
52.5°	9022.3	9063.8	9318.1	9619.0	9982.2	9810.9	9333.6	9982.2	10148.2	11393.4	11938.1
55°	8410.1	8477.6	8856.3	9276.6	9925.1	10168.9	10013.3	10516.5	10672.2	11554.2	12337.6
57.5°	7320.6	7403.6	7927.6	8596.9	9484.1	10085.9	10999.1	11372.6	11502.3	11668.3	12342.8
60°	5473.6	5541.0	6360.8	7263.5	8596.9	9567.1	11585.3	12840.9	12913.5	11050.9	11642.4
62.5°	4031.3	4098.7	4648.7	5297.2	6755.1	8612.5	11699.5	14112.0	14122.4	9935.5	10677.4
63°	3797.8	3865.2	4363.3	4970.3	6319.3	8290.8	11663.1	14153.5	14117.2	9707.2	10464.7
65°	2957.3	3076.6	3595.4	4057.2	4736.9	6599.4	11196.2	13416.8	13468.7	9032.7	9395.9
67.5°	2013.0	2101.2	2760.1	3294.5	3579.9	4202.5	9183.2	11481.6	11564.6	8332.3	7497.0
70°	1556.5	1598.0	1981.9	2609.7	2895.0	2671.9	5987.2	9245.4	9245.4	6506.0	5312.8
72.5°	1219.2	1234.8	1494.2	2039.0	2329.5	2054.5	3336.0	6724.0	6474.9	3860.0	3543.6
75°	871.6	892.4	1125.8	1520.2	1857.4	1618.7	2132.4	3917.1	3766.7	2220.6	2365.8
77.5°	690.0	700.4	840.5	1120.7	1504.6	1234.8	1623.9	2137.6	2116.8	1561.7	1520.2
80°	544.8	565.5	658.9	804.2	1162.2	965.0	1208.9	1411.2	1369.7	1074.0	975.4
82.5°	389.1	425.4	508.4	612.2	861.2	690.0	793.8	996.1	996.1	809.4	643.3
85°	238.7	269.8	300.9	378.7	612.2	446.2	420.2	643.3	658.9	607.0	415.1
87.5°	114.1	124.5	145.3	160.8	223.1	202.3	166.0	243.8	249.0	269.8	171.2
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°	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6	3517.6
2.5°	3548.8	3538.4	3486.5	3434.6	3377.5	3325.7	3273.8	3232.3	3185.6	3196.0	3201.1
5°	3616.2	3590.3	3476.1	3341.2	3164.8	2998.8	2838.0	2723.8	2651.2	2630.4	2588.9
7.5°	3761.5	3699.2	3491.7	3206.3	2879.5	2620.1	2469.6	2402.2	2381.4	2386.6	2376.2
10°	3927.5	3834.1	3512.4	3045.5	2630.4	2454.0	2433.3	2474.8	2495.5	2516.3	2521.5
12.5°	4145.4	3994.9	3502.1	2869.1	2511.1	2480.0	2557.8	2635.6	2682.3	2713.4	2708.3
15°	4399.6	4197.3	3470.9	2723.8	2495.5	2578.6	2677.1	2765.3	2822.4	2853.5	2838.0
17.5°	4705.7	4435.9	3434.6	2630.4	2542.2	2640.8	2744.6	2832.8	2895.0	2915.8	2900.2
20°	5084.5	4705.7	3372.4	2588.9	2578.6	2666.8	2760.1	2843.2	2895.0	2915.8	2895.0
22.5°	5530.7	5027.4	3320.5	2588.9	2594.1	2666.8	2734.2	2796.5	2843.2	2858.7	2832.8
25°	6101.4	5401.0	3299.7	2630.4	2599.3	2640.8	2677.1	2713.4	2739.4	2749.8	2739.4
27.5°	6682.4	5831.6	3310.1	2682.3	2594.1	2604.5	2604.5	2609.7	2614.9	2620.1	2614.9
30°	7351.7	6267.4	3351.6	2749.8	2604.5	2552.6	2537.0	2505.9	2480.0	2459.2	2438.5
32.5°	8000.3	6682.4	3424.2	2848.3	2594.1	2495.5	2464.4	2386.6	2314.0	2251.7	2251.7
35°	8700.7	7113.1	3553.9	2921.0	2583.7	2443.7	2355.5	2267.3	2189.4	2101.2	2101.2
37.5°	9302.5	7481.4	3657.7	3004.0	2573.4	2381.4	2241.3	2142.7	2059.7	1971.5	1961.2
40°	9722.7	7694.2	3720.0	3035.1	2537.0	2298.4	2132.4	2007.8	1888.5	1769.2	1764.0
42.5°	9925.1	7683.8	3683.6	3024.7	2469.6	2194.6	2039.0	1873.0	1712.1	1603.2	1592.8
45°	10034.0	7616.3	3543.6	2936.5	2360.6	2085.7	1919.6	1743.2	1582.4	1483.8	1463.1
47.5°	10013.3	7450.3	3351.6	2718.6	2215.4	1966.3	1800.3	1618.7	1489.0	1432.0	1432.0
50°	10070.4	7320.6	3133.7	2469.6	2018.2	1826.3	1691.4	1525.3	1447.5	1374.9	1348.9
52.5°	10324.6	7429.6	2946.9	2236.1	1831.4	1691.4	1598.0	1457.9	1359.3	1312.6	1297.1
55°	10661.8	7663.0	2770.5	2028.6	1649.9	1572.0	1525.3	1395.6	1281.5	1234.8	1208.9
57.5°	10724.1	7823.9	2599.3	1826.3	1499.4	1478.6	1463.1	1286.7	1193.3	1157.0	1136.2
60°	10293.5	7704.5	2376.2	1644.7	1380.1	1390.4	1348.9	1219.2	1110.3	1074.0	1053.2
62.5°	9561.9	7393.2	2153.1	1489.0	1286.7	1307.4	1265.9	1136.2	1027.3	991.0	980.6
63°	9416.6	7310.2	2101.2	1473.5	1265.9	1291.9	1255.6	1125.8	1016.9	980.6	965.0
65°	8550.2	6812.2	1919.6	1390.4	1198.5	1198.5	1203.7	1074.0	980.6	965.0	954.6
67.5°	6973.0	5686.3	1722.5	1291.9	1125.8	1141.4	1167.4	1094.7	1058.4	1048.0	1037.6
70°	5271.2	4280.3	1551.3	1198.5	1048.0	1099.9	1276.3	1245.2	1110.3	1016.9	996.1
72.5°	3735.5	2915.8	1400.8	1105.1	954.6	1084.3	1323.0	1188.1	1001.3	892.4	871.6
75°	2500.7	1878.1	1250.4	1006.5	850.9	1001.3	1250.4	1084.3	871.6	845.7	814.6
77.5°	1572.0	1338.6	1099.9	892.4	736.7	892.4	1136.2	965.0	752.3	762.7	716.0
80°	959.8	954.6	923.5	757.5	591.5	710.8	954.6	814.6	601.8	601.8	534.4
82.5°	570.7	690.0	783.4	627.8	430.6	508.4	690.0	612.2	503.3	487.7	456.6
85°	383.9	466.9	622.6	482.5	275.0	311.3	477.3	513.6	461.8	404.7	378.7
87.5°	140.1	186.8	285.4	197.2	119.3	186.8	358.0	373.6	280.2	217.9	197.2
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-1  
 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-740-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3949  
 CIE u': 0.2248  
 CIE v': 0.5053  
 Duv: 0.0022  
 CIE x: 0.3844  
 CIE y: 0.3840  
 CIE z: 0.2316  
 Peak Wavelength (nm): 440  
 Dominant Wavelength (nm): 578  
 Purity: 30.60026  
 Rf: 71.8  
 Rg: 96.5

CRI (Ra):	70.7		
R1:	68.0	R9:	-36.7
R2:	76.0	R10:	45.1
R3:	84.3	R11:	70.7
R4:	72.0	R12:	47.1
R5:	68.6	R13:	68.5
R6:	68.3	R14:	91.1
R7:	77.9	R15:	58.7
R8:	50.3		



**Test Conditions**

Stabilization Time: 34M  
 Operation Time: 1H 34M  
 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 4000K 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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

**Summary**

$R_f = 71.8$   
 $R_g = 96.5$   
 $CIE R_a = 70.7$   
 $R_9 = -36.7$



**Color Vector Graphics**



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

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)