

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: P1456359

Luminaire Tested: GLAN-SB8A-740-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456359  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8A-740-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square  
PACKAGE 70CRI 4000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (208) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

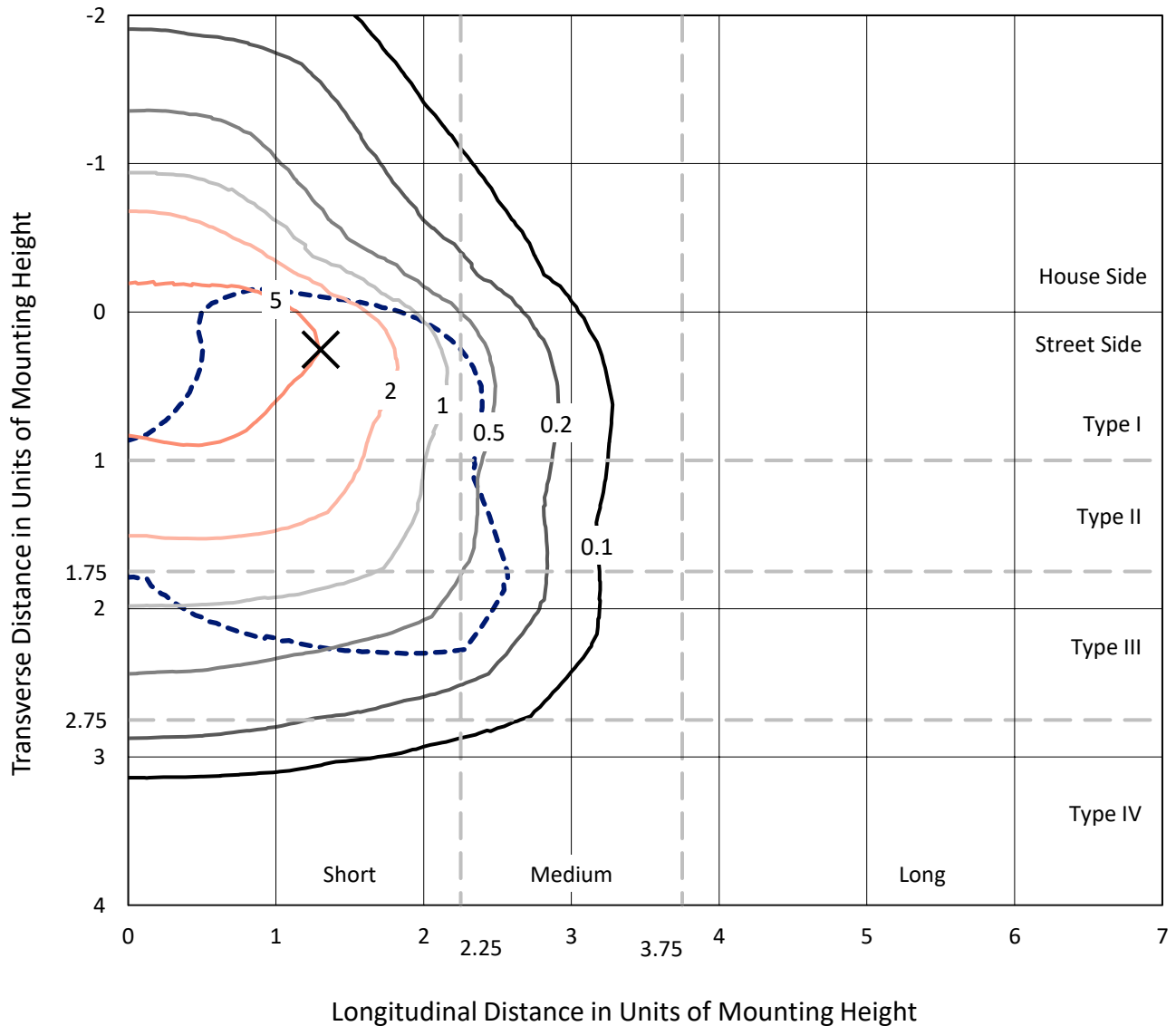
Lumens per Lamp: N/A  
Luminaire Lumens: 37431.4 lumens  
Efficiency: N/A  
Efficacy: 164.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 227.1  
Input Voltage (V): 120  
Input Current (Ain): 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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CATALOG NUMBER: GLAN-SB8A-740-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

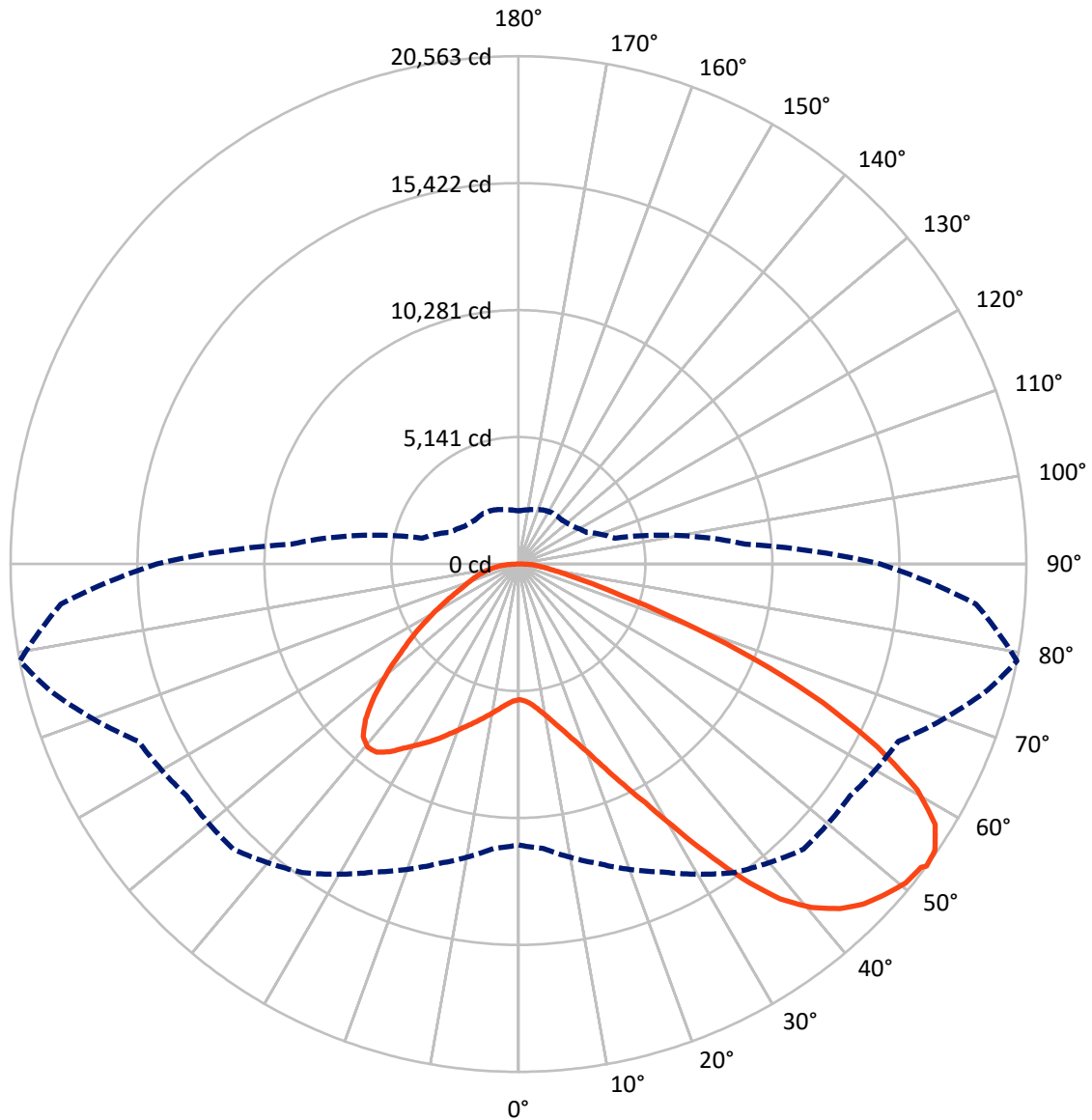


Based on 30 foot mounting height. Maximum calculated value = 9.5 fc  
 Type III - Short - N/A

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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	9436.2	0.0	9436.2
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	27995.2	0.0	27995.2
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	37431.4	0.0	37431.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	523.6	1.4
10°-20°	1621.4	4.3
20°-30°	3099.9	8.3
30°-40°	5322.3	14.2
40°-50°	7455.0	19.9
50°-60°	8460.4	22.6
60°-70°	7419.3	19.8
70°-80°	2901.1	7.8
80°-90°	628.6	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°	37431.4	100.0
0°-180°	37431.4	100.0



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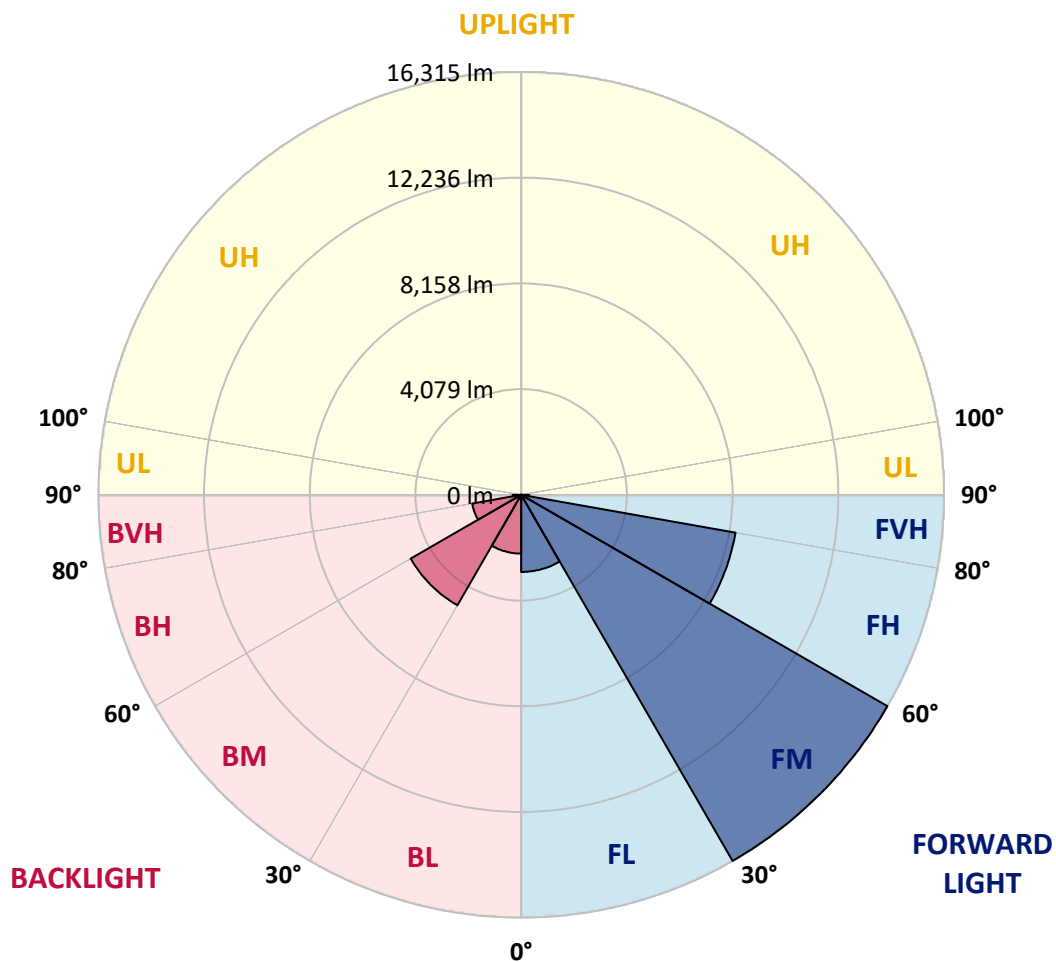
CATALOG NUMBER: GLAN-SB8A-740-U-T3LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2975.4	7.9			
FM	(30°-60°)	16315.0	43.6			
FH	(60°-80°)	8399.9	22.4			G4/12000
FVH	(80°-90°)	304.9	0.8			G3/500
BL	(0°-30°)	2269.4	6.1	B3/2500		
BM	(30°-60°)	4922.6	13.2	B3/5000		
BH	(60°-80°)	1920.4	5.1	B3/2500		G3/2500
BVH	(80°-90°)	323.7	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0
2.5°	5503.4	5503.4	5470.0	5503.4	5486.7	5511.7	5528.4	5528.4	5561.7	5553.4	5553.4
5°	5411.6	5395.0	5386.6	5445.0	5478.4	5545.1	5620.1	5653.5	5711.8	5711.8	5720.2
7.5°	5169.8	5161.5	5203.2	5319.9	5428.3	5595.1	5753.5	5845.2	5937.0	5953.6	5953.6
10°	5019.7	5011.4	5061.4	5203.2	5378.3	5620.1	5870.3	6062.0	6212.1	6253.8	6253.8
12.5°	5019.7	5019.7	5061.4	5203.2	5386.6	5678.5	6020.3	6345.5	6579.0	6629.1	6612.4
15°	5161.5	5153.2	5203.2	5353.3	5528.4	5803.6	6220.5	6654.1	6970.9	7062.7	7071.0
17.5°	5311.6	5303.2	5378.3	5570.1	5778.5	6053.7	6479.0	7012.6	7462.9	7579.6	7604.7
20°	5545.1	5536.7	5628.4	5811.9	6070.4	6387.2	6829.2	7437.9	8063.3	8188.3	8221.7
22.5°	5811.9	5820.2	5920.3	6145.4	6403.9	6820.8	7362.8	8038.3	8788.7	8980.5	9013.8
25°	6370.6	6345.5	6428.9	6587.4	6862.5	7362.8	8029.9	8763.7	9655.9	9889.4	9931.1
27.5°	7112.7	7071.0	7162.7	7321.1	7521.3	7988.2	8755.4	9572.5	10648.2	10940.0	10948.4
30°	7779.8	7754.7	7879.8	8205.0	8413.5	8772.0	9589.2	10523.1	11873.9	12299.2	12315.9
32.5°	8355.1	8346.8	8580.2	8997.2	9472.5	9856.0	10648.2	11723.8	13424.9	13916.8	13808.4
35°	8905.4	8930.5	9222.3	9655.9	10289.6	11056.8	11857.3	13083.0	15059.2	15651.2	15476.1
37.5°	9464.1	9480.8	9864.4	10423.0	11090.1	12090.7	13166.4	14558.9	16476.7	17210.5	16827.0
40°	9981.1	10031.1	10548.1	11148.5	12015.7	13033.0	14233.7	15584.5	17569.1	18294.5	17877.6
42.5°	10498.1	10573.1	11131.8	11957.3	12882.9	13941.9	14975.8	16209.9	18269.5	19078.3	18436.3
45°	11031.7	11081.8	11773.9	12632.7	13683.4	14659.0	15401.1	16610.2	18753.1	19628.7	18753.1
47.5°	11390.3	11490.4	12249.2	13241.4	14292.1	15209.3	15743.0	16776.9	19061.7	19987.2	18869.9
50°	11532.1	11673.8	12491.0	13591.6	14792.4	15726.3	16009.8	16868.7	19403.5	20304.1	18844.9
52.5°	11507.0	11640.5	12532.7	13750.1	15192.6	16201.6	16268.3	16968.7	19645.4	20412.5	18628.1
53°	11373.6	11557.1	12557.7	13758.4	15251.0	16326.7	16385.0	16977.1	19678.7	20562.6	18594.7
55°	10915.0	11015.1	12299.2	13750.1	15526.2	16793.6	16710.2	17227.2	19770.4	20462.5	18227.8
57.5°	10498.1	10598.2	11715.5	13591.6	15751.3	17452.3	17235.5	17185.5	19270.1	19895.5	17302.3
60°	10231.3	10264.6	11206.9	13091.3	15659.6	17911.0	17577.4	16693.5	18036.0	18553.0	15676.3
62.5°	10006.1	9997.8	10831.6	12374.2	15309.4	17977.7	17644.1	15476.1	16226.6	16310.0	13508.3
65°	9497.5	9439.1	10247.9	11565.4	14583.9	17677.5	16827.0	13633.3	13825.1	13550.0	10848.3
67.5°	8488.5	8363.4	9080.6	10331.3	13108.0	16827.0	15267.7	11490.4	10898.3	10348.0	8171.7
70°	6078.7	6078.7	6654.1	7904.8	10523.1	14542.2	13108.0	8697.0	7504.6	7012.6	5461.7
72.5°	2976.8	3051.9	3652.2	4669.5	7054.3	10556.5	10039.5	5636.8	4552.8	4311.0	3502.1
75°	1267.4	1275.8	1559.3	2067.9	3577.2	6245.5	6287.2	3252.0	2918.5	2801.7	2318.1
77.5°	883.9	900.6	1025.6	1217.4	1701.0	2868.4	3268.7	1967.9	1959.5	1876.1	1651.0
80°	675.4	692.1	775.5	908.9	1142.4	1467.6	1692.7	1334.1	1400.9	1317.5	1192.4
82.5°	508.6	525.3	583.7	683.8	817.2	983.9	950.6	983.9	1034.0	983.9	858.9
85°	341.9	350.2	391.9	475.3	525.3	592.0	592.0	717.1	750.5	733.8	675.4
87.5°	175.1	175.1	208.5	250.2	266.8	275.2	241.8	316.9	358.6	391.9	316.9
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°	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0	5495.0
2.5°	5553.4	5561.7	5536.7	5528.4	5520.0	5478.4	5478.4	5436.7	5428.3	5436.7	5411.6
5°	5736.8	5720.2	5653.5	5603.4	5545.1	5428.3	5361.6	5269.9	5244.9	5219.9	5194.8
7.5°	5962.0	5937.0	5820.2	5686.8	5528.4	5303.2	5178.2	5028.1	4978.0	4936.4	4919.7
10°	6245.5	6195.5	6012.0	5728.5	5436.7	5161.5	4986.4	4802.9	4719.6	4702.9	4661.2
12.5°	6612.4	6520.7	6178.8	5736.8	5353.3	4994.7	4802.9	4661.2	4627.8	4619.5	4577.8
15°	7021.0	6887.5	6337.2	5745.2	5244.9	4853.0	4736.2	4661.2	4661.2	4652.8	4627.8
17.5°	7521.3	7304.5	6487.3	5711.8	5111.5	4811.3	4752.9	4686.2	4669.5	4677.9	4644.5
20°	8121.6	7763.1	6645.7	5670.1	5053.1	4819.6	4752.9	4661.2	4619.5	4611.2	4586.1
22.5°	8813.7	8288.4	6820.8	5603.4	5053.1	4811.3	4702.9	4577.8	4494.4	4461.1	4427.7
25°	9605.9	8897.1	7004.3	5578.4	5069.8	4777.9	4602.8	4402.7	4269.3	4219.2	4194.2
27.5°	10564.8	9539.2	7137.7	5603.4	5061.4	4702.9	4427.7	4169.2	4019.1	3935.7	3919.1
30°	11623.8	10231.3	7229.4	5645.1	5011.4	4561.1	4219.2	3927.4	3718.9	3618.9	3593.9
32.5°	12874.5	11006.7	7321.1	5645.1	4886.3	4361.0	3977.4	3660.6	3443.8	3327.0	3310.4
35°	14258.7	11957.3	7404.5	5636.8	4736.2	4144.2	3735.6	3410.4	3185.3	3068.5	3060.2
37.5°	15434.4	12674.4	7446.2	5553.4	4527.8	3894.0	3510.5	3185.3	2951.8	2826.7	2818.4
40°	16159.9	12974.6	7362.8	5386.6	4277.6	3635.6	3260.3	2960.1	2726.7	2576.6	2543.2
42.5°	16435.1	12832.9	7096.0	5111.5	3977.4	3377.1	3051.9	2735.0	2426.5	2301.4	2276.4
45°	16343.3	12282.5	6529.0	4719.6	3643.9	3143.6	2868.4	2509.9	2309.7	2201.3	2193.0
47.5°	16034.8	11432.0	5820.2	4227.6	3293.7	2935.1	2626.6	2451.5	2268.1	2151.3	2143.0
50°	15492.8	10523.1	4969.7	3668.9	2976.8	2718.3	2568.2	2426.5	2276.4	2184.7	2168.0
52.5°	14800.7	9497.5	4185.9	3126.9	2701.7	2526.5	2509.9	2409.8	2293.1	2193.0	2151.3
53°	14642.3	9230.6	4035.8	3035.2	2660.0	2501.5	2493.2	2409.8	2276.4	2184.7	2151.3
55°	13883.5	8405.1	3560.5	2710.0	2451.5	2418.1	2493.2	2401.5	2234.7	2159.7	2134.6
57.5°	12666.1	7321.1	3101.9	2409.8	2234.7	2318.1	2468.2	2368.1	2184.7	2051.3	2009.6
60°	11198.5	6078.7	2751.7	2209.7	2076.3	2193.0	2368.1	2251.4	2001.2	1934.5	1926.2
62.5°	9447.4	4919.7	2484.9	2042.9	1942.9	2059.6	2218.0	2017.9	1834.5	1784.4	1767.7
65°	7379.5	3910.7	2276.4	1917.8	1809.4	1901.2	2009.6	1884.5	1767.7	1726.1	1717.7
67.5°	5486.7	3068.5	2109.6	1809.4	1676.0	1734.4	1859.5	1826.1	1726.1	1701.0	1692.7
70°	3785.6	2493.2	1959.5	1709.4	1509.3	1576.0	1767.7	1792.8	1692.7	1676.0	1667.7
72.5°	2651.6	2109.6	1801.1	1601.0	1375.8	1442.5	1726.1	1726.1	1617.7	1642.7	1626.0
75°	1992.9	1776.1	1617.7	1467.6	1209.1	1309.1	1667.7	1651.0	1542.6	1651.0	1609.3
77.5°	1500.9	1434.2	1400.9	1300.8	1059.0	1159.0	1550.9	1517.6	1375.8	1384.2	1309.1
80°	1092.3	1109.0	1200.7	1109.0	883.9	958.9	1309.1	1292.5	1117.4	1150.7	1059.0
82.5°	783.8	825.5	1025.6	892.2	642.1	683.8	900.6	975.6	875.5	825.5	842.2
85°	592.0	617.0	825.5	658.7	400.2	450.3	617.0	700.4	683.8	633.7	642.1
87.5°	250.2	283.5	383.6	308.5	233.5	233.5	383.6	492.0	441.9	375.2	391.9
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**



CCT = 3949K  
 CIE x = 0.3844  
 CIE y = 0.3840  
 Duv = 0.0022

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)