

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: P1457142

Luminaire Tested: GLAN-SB5D-760-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457142  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5D-760-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square  
PACKAGE 70CRI 5700K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (130) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

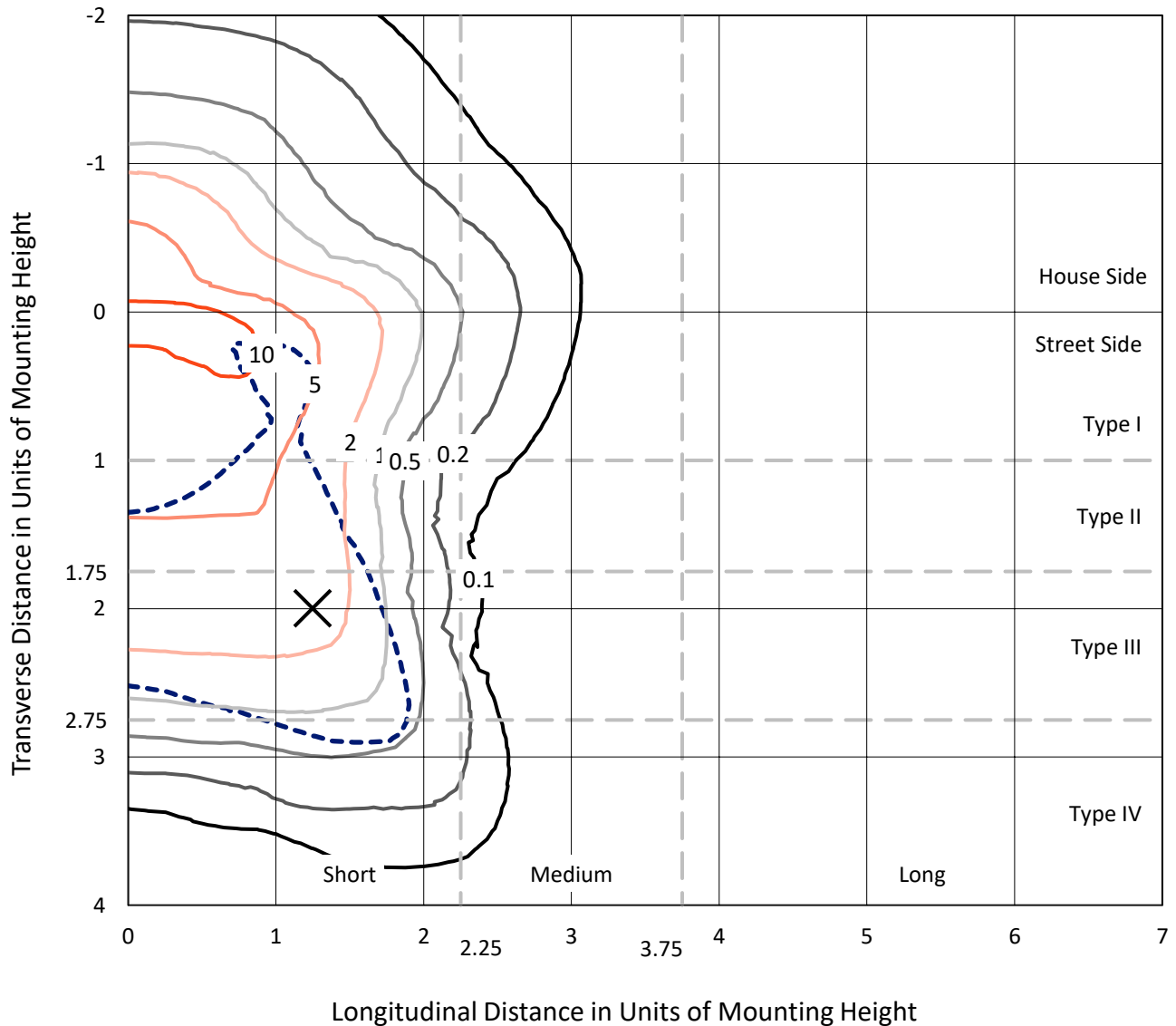
Lumens per Lamp: N/A  
Luminaire Lumens: 53222.9 lumens  
Efficiency: N/A  
Efficacy: 145.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 364.9  
Input Voltage (V): 120  
Input Current (Ain): 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-SB5D-760-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

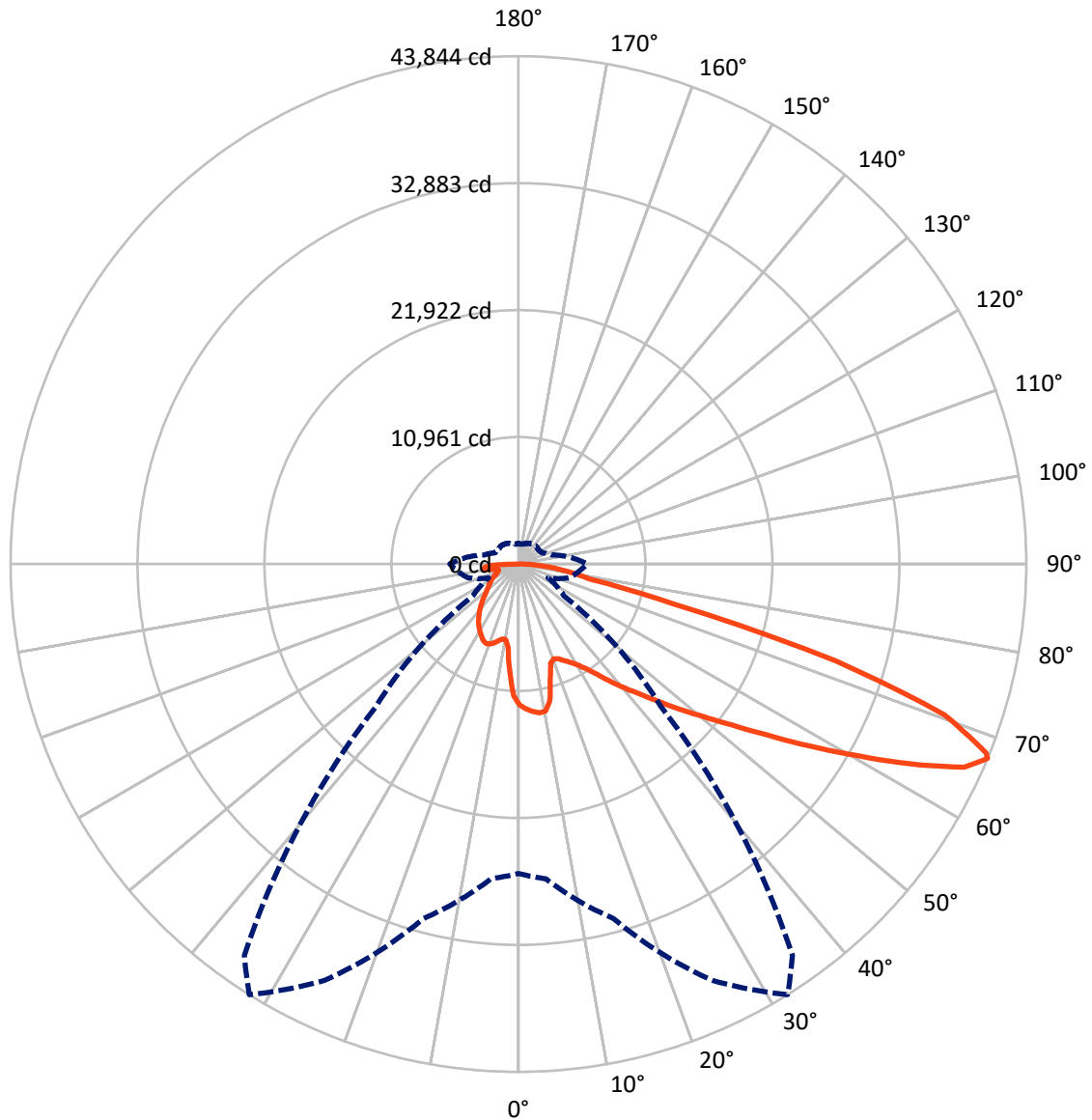


Based on 30 foot mounting height. Maximum calculated value = 14.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	12600.3	0.0	12600.3
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	40622.5	0.0	40622.5
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	53222.9	0.0	53222.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1062.5	2.0
10°-20°	2821.1	5.3
20°-30°	4607.0	8.7
30°-40°	6790.2	12.8
40°-50°	9364.1	17.6
50°-60°	11829.7	22.2
60°-70°	11449.0	21.5
70°-80°	4086.1	7.7
80°-90°	1213.4	2.3
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°	53222.9	100.0
0°-180°	53222.9	100.0



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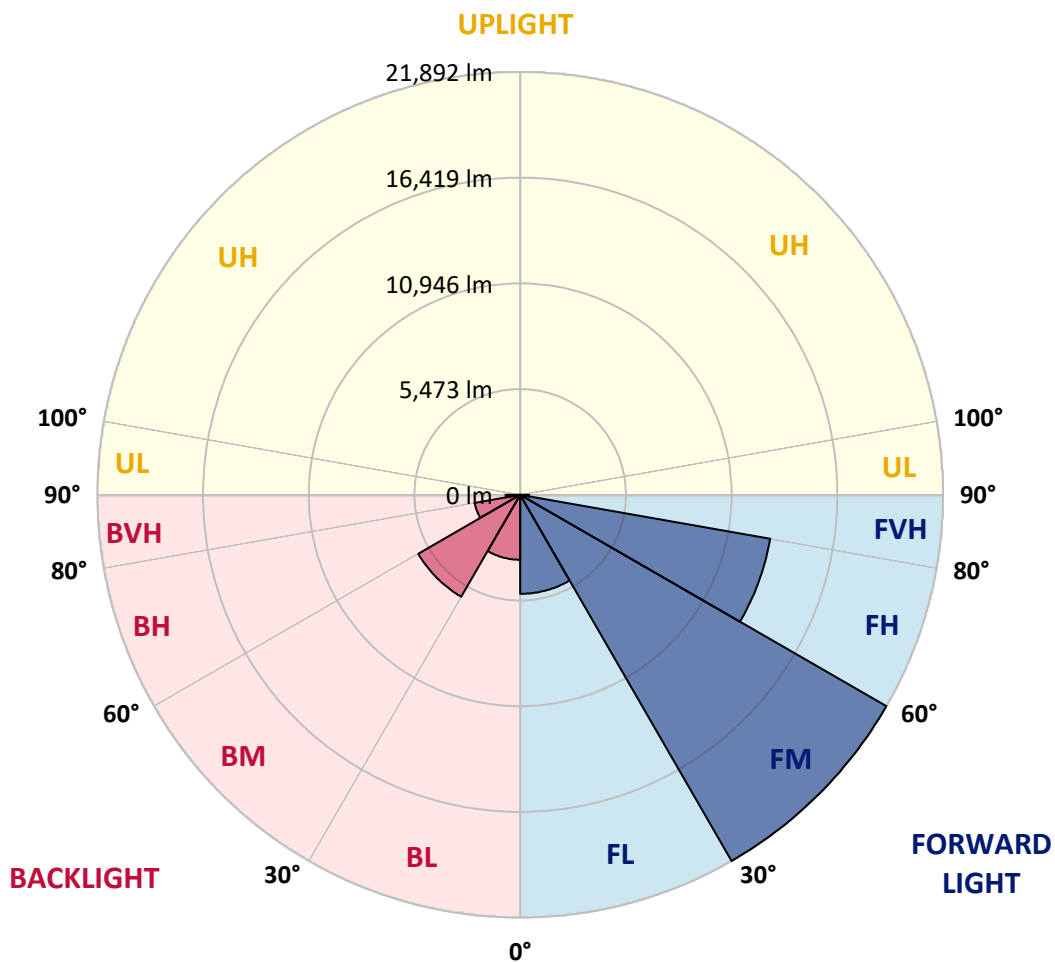
CATALOG NUMBER: GLAN-SB5D-760-U-T4LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5128.1	9.6			
FM	(30°-60°)	21892.2	41.1			
FH	(60°-80°)	13144.9	24.7			G5
FVH	(80°-90°)	457.2	0.9			G3/500
BL	(0°-30°)	3362.4	6.3	B4/5000		
BM	(30°-60°)	6091.7	11.4	B4/8500		
BH	(60°-80°)	2390.1	4.5	B3/2500		G3/2500
BVH	(80°-90°)	756.2	1.4			G5
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4
2.5°	12621.3	12585.8	12550.3	12574.0	12526.7	12514.9	12455.8	12432.2	12361.3	12349.4	12219.5
5°	12881.2	12810.3	12798.5	12822.2	12774.9	12774.9	12727.6	12692.2	12585.8	12526.7	12337.6
7.5°	12881.2	12869.4	12893.1	12975.8	12987.6	12987.6	12987.6	12999.4	12893.1	12810.3	12514.9
10°	12148.5	12030.4	12290.4	12704.0	12904.9	13023.1	13235.8	13365.8	13283.0	13224.0	12822.2
12.5°	9962.3	9974.1	10387.7	11274.0	12077.6	12420.4	13306.7	13779.4	13814.8	13720.3	13212.1
15°	8449.6	8508.7	8721.4	9359.6	10281.4	10789.5	12893.1	14145.7	14429.4	14334.8	13684.8
17.5°	7988.7	8024.2	8118.7	8485.1	9005.1	9418.7	11770.4	14382.1	15173.9	15055.7	14216.6
20°	7917.8	7941.5	8059.6	8366.9	8721.4	8957.8	10624.1	14193.0	15871.1	15823.8	14701.2
22.5°	7929.6	7953.3	8106.9	8532.3	8898.7	9099.6	10257.7	13755.7	16603.8	16651.1	15197.5
25°	7953.3	7965.1	8201.5	8768.7	9229.6	9477.8	10494.1	13365.8	17218.3	17620.1	15741.1
27.5°	8083.3	8118.7	8437.8	9076.0	9619.6	9903.2	11049.5	13495.8	17891.9	18719.2	16391.1
30°	8437.8	8461.4	8851.4	9513.2	10104.1	10399.5	11711.3	14015.7	18719.2	19853.7	17029.2
32.5°	8993.2	9016.9	9465.9	10151.4	10789.5	11144.0	12574.0	15008.4	19640.9	21047.2	17667.4
35°	9761.4	9773.2	10281.4	11014.1	11687.7	12089.5	13578.5	16131.1	20598.2	22063.6	18140.1
37.5°	10671.3	10754.1	11274.0	12042.2	12834.0	13200.3	14760.2	17442.9	21449.0	22926.2	18411.9
40°	11924.0	11947.6	12455.8	13200.3	14039.4	14393.9	15942.0	18683.7	22382.6	23434.4	18660.1
42.5°	13212.1	13413.0	13838.5	14665.7	15292.0	15575.7	17289.2	19818.2	23127.1	23458.0	18553.7
45°	14937.5	15091.1	15516.6	16249.3	16875.6	17206.5	18742.8	20858.2	23505.3	23257.1	18317.4
47.5°	16911.1	17005.6	17348.3	18010.1	18707.3	18943.7	20255.5	21449.0	23647.1	23115.3	18211.0
50°	19239.1	19239.1	19487.3	20054.6	20692.7	21023.6	21649.9	21803.6	24060.7	22867.2	18482.8
52.5°	21200.9	21295.4	21626.3	22429.9	23068.1	23446.2	22737.2	22347.2	23221.7	21484.5	18565.5
55°	23079.9	23186.2	23930.7	24935.2	26022.5	26436.1	24096.2	22075.4	20397.3	19463.7	17998.3
57.5°	24876.2	25100.7	26034.3	27996.0	29638.7	29603.2	25821.6	19640.9	16651.1	17230.1	16757.4
60°	27381.5	27617.9	29106.9	31576.8	33585.8	32746.7	25845.2	16343.8	12975.8	13755.7	14429.4
62.5°	29473.2	29875.0	32061.3	36173.8	38017.4	36705.6	23706.2	12514.9	8615.1	9595.9	11155.9
65°	29284.1	29815.9	33207.6	39553.7	42307.2	41090.0	20574.5	7917.8	4443.4	6558.8	7811.5
67°	26707.9	27287.0	31683.1	39671.9	43843.5	41243.6	17371.9	4786.1	2824.4	4549.8	5424.3
67.5°	25230.7	26081.6	30926.8	39447.3	43559.9	40593.6	15930.2	4006.2	2659.0	4230.7	4939.8
70°	15516.6	16887.4	23209.9	34873.9	39045.5	33975.8	8851.4	2269.0	2162.6	2836.2	3415.3
72.5°	4668.0	5081.6	8957.8	22370.8	28657.8	25183.4	3982.5	1749.0	1938.1	2280.8	2635.3
75°	2269.0	2422.6	3698.9	9146.9	13956.6	13885.7	2221.7	1500.8	1796.3	1914.5	2079.9
77.5°	1453.6	1548.1	2304.4	5117.0	6393.4	5696.1	1607.2	1311.8	1595.4	1571.7	1548.1
80°	910.0	957.2	1477.2	2966.2	4715.2	3935.3	1181.8	1075.4	1370.8	1217.2	1099.0
82.5°	590.9	650.0	945.4	1808.1	3368.0	2930.8	780.0	768.1	1134.5	969.0	850.9
85°	390.0	437.3	602.7	1063.6	1997.2	2091.7	508.2	531.8	874.5	732.7	650.0
87.5°	141.8	177.3	307.3	472.7	933.6	1158.1	212.7	200.9	425.4	342.7	271.8
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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CATALOG NUMBER: GLAN-SB5D-760-U-T4LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4	12160.4
2.5°	12195.8	12160.4	11994.9	11853.1	11746.7	11604.9	11451.3	11274.0	11155.9	11179.5	11144.0
5°	12254.9	12160.4	11841.3	11356.8	10884.1	10293.2	9536.8	9087.8	8745.1	8567.8	8615.1
7.5°	12384.9	12219.5	11545.8	10565.0	9335.9	8130.5	7386.0	6960.6	6759.7	6677.0	6665.2
10°	12609.4	12325.8	11167.7	9335.9	7728.7	6913.3	6641.5	6523.3	6499.7	6499.7	6487.9
12.5°	12881.2	12432.2	10529.5	8142.4	6960.6	6665.2	6617.9	6629.7	6665.2	6700.6	6641.5
15°	13212.1	12479.4	9737.7	7421.5	6807.0	6736.1	6807.0	6889.7	6948.8	6996.1	6937.0
17.5°	13543.0	12432.2	8993.2	7078.8	6830.6	6925.1	7067.0	7197.0	7232.4	7303.3	7256.0
20°	13779.4	12266.7	8355.1	6948.8	6889.7	7102.4	7279.7	7421.5	7492.4	7539.7	7492.4
22.5°	13956.6	12054.0	7894.2	6818.8	6889.7	7149.7	7362.4	7527.8	7610.6	7657.8	7598.8
25°	14110.3	11758.6	7539.7	6629.7	6747.9	6996.1	7232.4	7397.9	7516.0	7586.9	7551.5
27.5°	14299.4	11522.2	7208.8	6346.1	6452.4	6688.8	6937.0	7137.9	7362.4	7480.6	7456.9
30°	14512.1	11404.0	6889.7	6038.8	6109.7	6346.1	6641.5	6913.3	7220.6	7374.2	7374.2
32.5°	14760.2	11321.3	6594.3	5743.4	5802.5	6062.5	6346.1	6594.3	6925.1	7173.3	7161.5
35°	14866.6	11226.8	6357.9	5471.6	5589.7	5802.5	6027.0	6192.5	6535.2	6830.6	6854.2
37.5°	14973.0	11191.3	6239.7	5258.9	5353.4	5518.8	5637.0	5719.7	6038.8	6346.1	6357.9
40°	15103.0	11356.8	6322.4	5117.0	5034.3	5199.8	5258.9	5306.1	5471.6	5672.5	5672.5
42.5°	15020.2	11474.9	6511.5	4987.0	4644.3	4833.4	4857.1	4845.2	4857.1	4868.9	4857.1
45°	14807.5	11356.8	6511.5	4786.1	4230.7	4431.6	4419.8	4360.7	4266.2	4018.0	3982.5
47.5°	14760.2	11285.9	6263.4	4455.3	3817.1	3982.5	4006.2	3888.0	3616.2	3356.2	3273.5
50°	14961.1	11415.9	5873.4	4053.5	3462.6	3604.4	3663.5	3462.6	3155.3	2883.5	2836.2
52.5°	15256.6	11581.3	5306.1	3616.2	3167.1	3308.9	3379.8	3155.3	2836.2	2623.5	2599.9
55°	15221.1	11581.3	4668.0	3214.4	2942.6	3049.0	3167.1	2930.8	2682.6	2564.4	2552.6
57.5°	14453.0	11144.0	4195.3	2930.8	2729.9	2824.4	2978.0	2753.5	2517.2	2540.8	2576.2
60°	12952.1	10009.6	3840.7	2741.7	2540.8	2635.3	2800.8	2540.8	2233.5	2150.8	2150.8
62.5°	10671.3	8248.7	3557.1	2552.6	2363.5	2481.7	2564.4	2221.7	2020.8	1926.3	1926.3
65°	8000.6	6381.5	3261.7	2399.0	2209.9	2339.9	2245.4	2079.9	1879.0	1808.1	1819.9
67°	5932.5	4951.6	3013.5	2269.0	2115.4	2174.4	2103.5	1985.4	1784.5	1725.4	1784.5
67.5°	5329.8	4703.4	2954.4	2233.5	2091.7	2139.0	2068.1	1973.5	1760.8	1701.7	1760.8
70°	3663.5	3616.2	2635.3	2068.1	1961.7	1914.5	1949.9	1831.7	1654.5	1630.8	1689.9
72.5°	2789.0	2883.5	2363.5	1926.3	1819.9	1760.8	1843.6	1725.4	1548.1	1583.6	1642.7
75°	2186.3	2328.1	2115.4	1725.4	1654.5	1666.3	1831.7	1784.5	1642.7	1678.1	1689.9
77.5°	1619.0	1879.0	1808.1	1500.8	1441.8	1607.2	2068.1	2209.9	1961.7	1902.6	1819.9
80°	1181.8	1347.2	1524.5	1240.9	1205.4	1548.1	2552.6	2824.4	2422.6	2186.3	2127.2
82.5°	874.5	945.4	1252.7	992.7	874.5	1382.7	2836.2	3320.8	2883.5	2434.4	2363.5
85°	626.3	732.7	992.7	732.7	579.1	1134.5	2777.1	3249.9	2859.9	2304.4	2245.4
87.5°	224.5	319.1	425.4	330.9	295.4	780.0	2292.6	2339.9	1784.5	815.4	827.2
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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-7  
 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-757-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 5571  
 CIE u': 0.2033  
 CIE v': 0.4806  
 Duv: 0.0041  
 CIE x: 0.3308  
 CIE y: 0.3476  
 CIE z: 0.3216  
 Peak Wavelength (nm): 442  
 Dominant Wavelength (nm): 544  
 Purity: 3.635698  
 Rf: 70.4  
 Rg: 97.1

CRI (Ra):	69.9		
R1:	68.8	R9:	-35.4
R2:	72.5	R10:	36.7
R3:	76.8	R11:	73.9
R4:	72.0	R12:	47.8
R5:	70.9	R13:	68.0
R6:	65.6	R14:	87.0
R7:	75.5	R15:	59.8
R8:	56.8		



**Test Conditions**

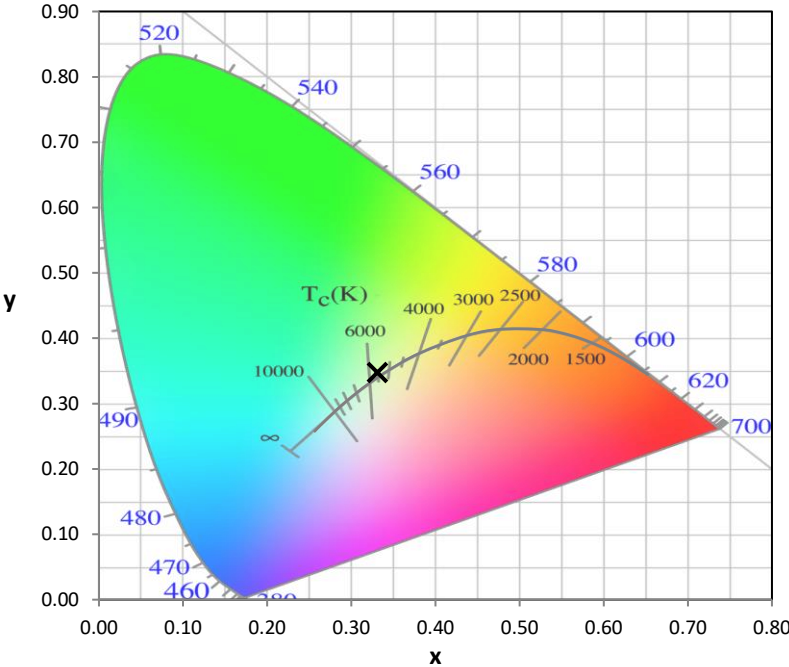
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

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 5700K 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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.84**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.71**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

**Summary**

$R_f = 70.4$   
 $R_g = 97.1$   
 CIE  $R_a = 69.9$   
 $R_g = -35.4$



**Color Vector Graphics**



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

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)