

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: P1455954

Luminaire Tested: GLAN-SB5D-750-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1455954  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5D-750-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square  
PACKAGE 70CRI 5000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (130) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

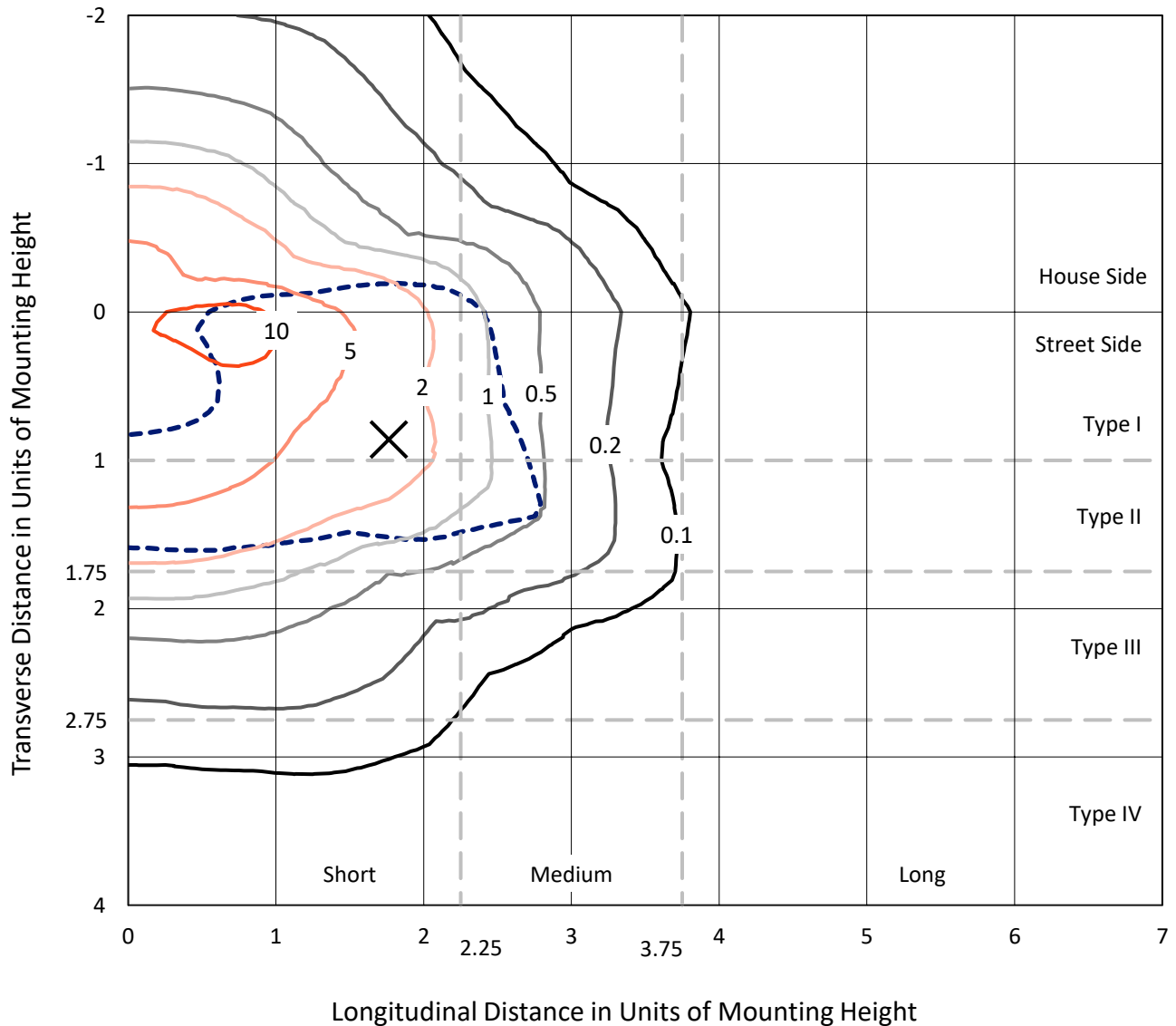
Lumens per Lamp: N/A  
Luminaire Lumens: 52611.5 lumens  
Efficiency: N/A  
Efficacy: 144.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B4 - U0 - G4  
  
Input Watts (W): 364.9  
Input Voltage (V): 120  
Input Current (Ain): 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-750-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

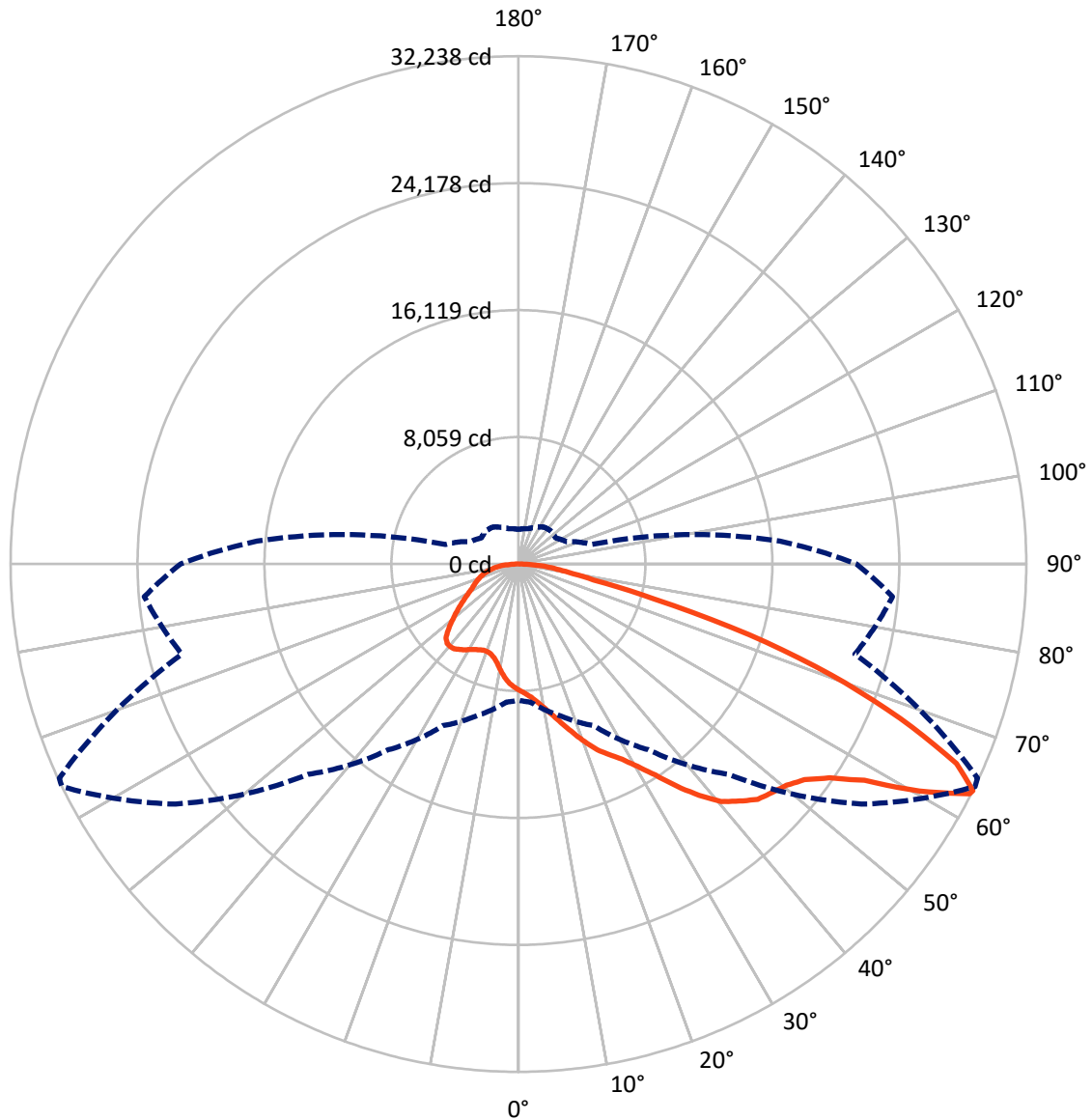


Based on 30 foot mounting height. Maximum calculated value = 13.7 fc  
 Type II - Short - N/A

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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	14135.2	0.0	14135.2
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	38476.2	0.0	38476.2
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	52611.5	0.0	52611.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	735.6	1.4
10°-20°	2264.7	4.3
20°-30°	4141.2	7.9
30°-40°	7123.6	13.5
40°-50°	10505.4	20.0
50°-60°	12591.4	23.9
60°-70°	10105.8	19.2
70°-80°	4060.8	7.7
80°-90°	1082.8	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°	52611.5	100.0
0°-180°	52611.5	100.0



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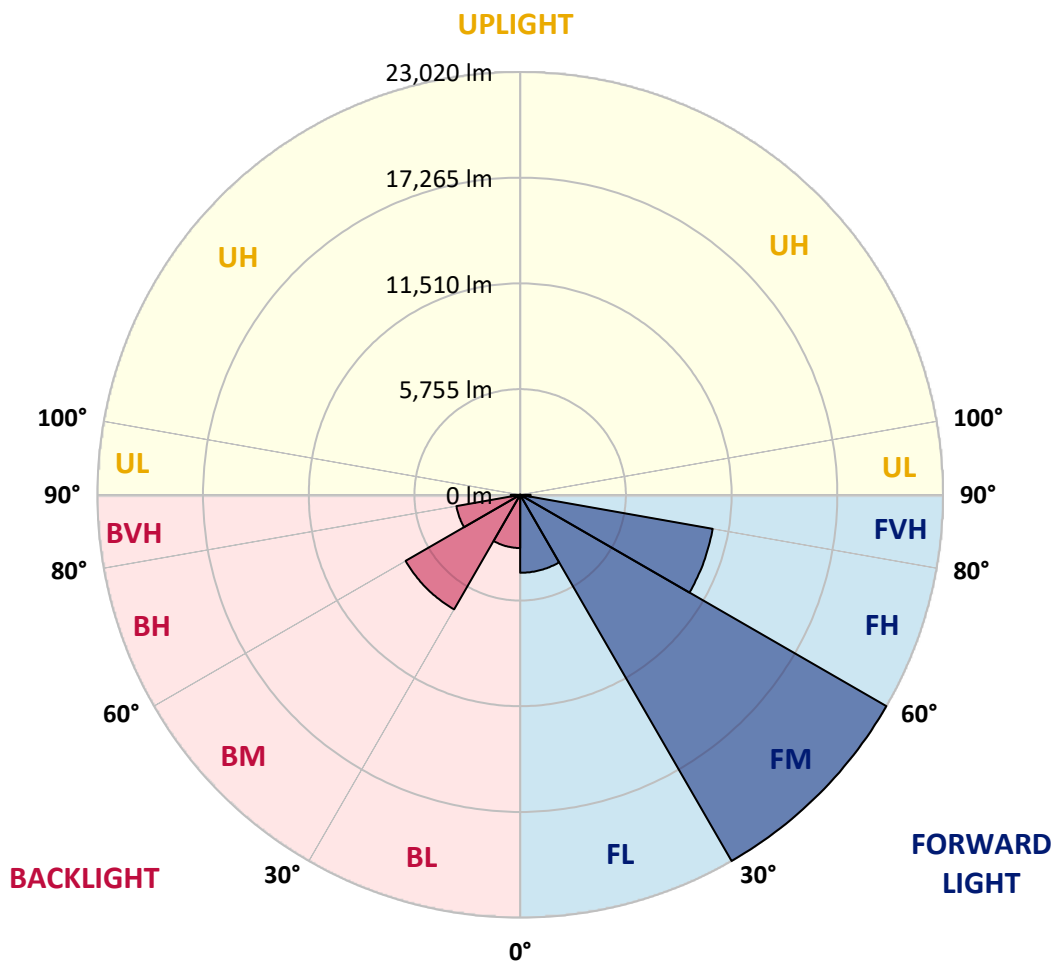
CATALOG NUMBER: GLAN-SB5D-750-U-T2LG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4244.7	8.1			
FM	(30°-60°)	23020.3	43.8			
FH	(60°-80°)	10642.3	20.2			G4/12000
FVH	(80°-90°)	568.9	1.1			G4/750
BL	(0°-30°)	2896.8	5.5	B4/5000		
BM	(30°-60°)	7200.2	13.7	B4/8500		
BH	(60°-80°)	3524.4	6.7	B4/5000		G4/5000
BVH	(80°-90°)	513.9	1.0			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G4**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1
2.5°	8343.0	8354.8	8319.4	8307.6	8331.2	8283.9	8272.1	8224.8	8201.2	8153.9	8094.8
5°	8579.4	8591.2	8567.5	8567.5	8591.2	8555.7	8543.9	8496.6	8473.0	8425.7	8307.6
7.5°	8567.5	8579.4	8603.0	8697.5	8815.7	8863.0	8898.4	8863.0	8851.2	8780.3	8662.1
10°	8378.5	8390.3	8449.4	8591.2	8886.6	9099.3	9323.8	9323.8	9347.5	9288.4	9075.7
12.5°	8118.5	8130.3	8272.1	8496.6	8886.6	9252.9	9713.8	9902.9	9891.1	9855.6	9607.5
15°	7492.2	7492.2	7704.9	8130.3	8756.6	9359.3	10044.7	10552.8	10564.7	10600.1	10304.7
17.5°	6960.4	6972.2	7149.5	7527.6	8343.0	9300.2	10399.2	11273.7	11309.2	11510.0	11084.6
20°	7007.7	7007.7	7066.7	7232.2	7894.0	9063.9	10600.1	12041.8	12160.0	12632.7	12100.9
22.5°	7374.0	7374.0	7421.3	7409.4	7811.2	8910.2	10730.1	12810.0	13022.7	14003.5	13318.1
25°	8047.6	8035.8	7988.5	7917.6	8153.9	9075.7	11025.5	13400.8	13814.4	15516.1	14724.4
27.5°	8874.8	8851.2	8780.3	8662.1	8827.5	9572.0	11533.7	14027.1	14476.2	17170.5	16213.3
30°	9902.9	9832.0	9761.1	9607.5	9784.7	10387.4	12290.0	14913.4	15338.9	19049.5	18009.6
32.5°	11120.1	11202.8	10966.5	10753.7	10942.8	11498.2	13412.6	15965.2	16426.0	21011.2	19876.7
35°	12939.9	13188.1	13117.2	12041.8	12219.1	12833.6	14724.4	17324.2	17737.8	22795.6	21791.1
37.5°	14736.2	14677.1	14736.2	13838.1	13554.4	14298.9	16130.6	18624.1	19025.8	24249.1	23481.0
40°	16177.9	16355.1	16355.1	15622.5	15256.1	15752.5	17406.9	19817.6	20207.6	25052.7	24698.2
42.5°	17749.6	17773.2	17725.9	17087.8	16946.0	17076.0	18529.5	20573.9	20893.0	25466.3	25525.4
45°	19522.2	19510.4	19309.5	18777.7	18565.0	18446.8	19226.7	21306.6	21625.7	25655.4	25974.4
47.5°	20987.5	21046.6	21058.4	20491.2	20136.7	19628.5	19829.4	21672.9	22039.3	25442.6	26069.0
50°	21070.2	21164.8	21613.8	21779.3	21708.4	20893.0	20384.8	22062.9	22429.2	25489.9	26411.7
52.5°	20550.3	20644.8	21223.9	21909.3	22736.5	22346.5	21259.3	22736.5	23114.6	25950.8	27191.6
55°	19155.8	19309.5	20172.1	21129.3	22606.5	23161.9	22807.4	23953.7	24308.2	26317.1	28101.5
57.5°	16674.2	16863.3	18056.8	19581.3	21602.0	22972.8	25052.7	25903.5	26198.9	26577.1	28113.4
60°	12467.2	12620.9	14488.0	16544.2	19581.3	21791.1	26388.0	29247.8	29413.3	25170.8	26518.0
62.5°	9182.0	9335.7	10588.3	12065.5	15386.1	19616.7	26648.0	32143.0	32166.7	22630.1	24320.0
63°	8650.3	8803.9	9938.3	11321.0	14393.5	18884.0	26565.3	32237.6	32154.9	22110.2	23835.5
65°	6735.9	7007.7	8189.4	9241.1	10789.2	15031.6	25501.7	30559.5	30677.7	20573.9	21401.1
67.5°	4585.1	4786.0	6286.8	7504.0	8153.9	9572.0	20916.6	26151.7	26340.8	18978.6	17076.0
70°	3545.2	3639.7	4514.2	5944.1	6594.1	6085.9	13637.2	21058.4	21058.4	14818.9	12100.9
72.5°	2777.1	2812.5	3403.4	4644.2	5306.0	4679.6	7598.5	15315.2	14748.0	8792.1	8071.2
75°	1985.3	2032.6	2564.4	3462.5	4230.6	3687.0	4856.9	8922.1	8579.4	5057.8	5388.7
77.5°	1571.7	1595.3	1914.4	2552.5	3427.0	2812.5	3698.8	4868.7	4821.5	3557.0	3462.5
80°	1240.8	1288.1	1500.8	1831.7	2647.1	2198.0	2753.4	3214.3	3119.8	2446.2	2221.7
82.5°	886.3	969.0	1158.1	1394.4	1961.7	1571.7	1808.0	2268.9	2268.9	1843.5	1465.3
85°	543.6	614.5	685.4	862.7	1394.4	1016.3	957.2	1465.3	1500.8	1382.6	945.4
87.5°	260.0	283.6	330.9	366.3	508.1	460.9	378.2	555.4	567.2	614.5	390.0
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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CATALOG NUMBER: GLAN-SB5D-750-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1	8012.1
2.5°	8083.0	8059.4	7941.2	7823.1	7693.1	7574.9	7456.7	7362.2	7255.8	7279.5	7291.3
5°	8236.7	8177.6	7917.6	7610.3	7208.6	6830.4	6464.1	6204.1	6038.6	5991.4	5896.8
7.5°	8567.5	8425.7	7953.0	7303.1	6558.6	5967.7	5625.0	5471.4	5424.1	5436.0	5412.3
10°	8945.7	8733.0	8000.3	6936.8	5991.4	5589.6	5542.3	5636.9	5684.1	5731.4	5743.2
12.5°	9442.0	9099.3	7976.7	6535.0	5719.6	5648.7	5825.9	6003.2	6109.5	6180.4	6168.6
15°	10021.1	9560.2	7905.8	6204.1	5684.1	5873.2	6097.7	6298.6	6428.6	6499.5	6464.1
17.5°	10718.3	10103.8	7823.1	5991.4	5790.5	6015.0	6251.4	6452.2	6594.1	6641.3	6605.9
20°	11581.0	10718.3	7681.2	5896.8	5873.2	6074.1	6286.8	6475.9	6594.1	6641.3	6594.1
22.5°	12597.2	11451.0	7563.1	5896.8	5908.6	6074.1	6227.7	6369.5	6475.9	6511.3	6452.2
25°	13897.1	12301.8	7515.8	5991.4	5920.5	6015.0	6097.7	6180.4	6239.5	6263.2	6239.5
27.5°	15220.7	13282.6	7539.4	6109.5	5908.6	5932.3	5932.3	5944.1	5955.9	5967.7	5955.9
30°	16745.1	14275.3	7634.0	6263.2	5932.3	5814.1	5778.7	5707.8	5648.7	5601.4	5554.1
32.5°	18222.3	15220.7	7799.4	6487.7	5908.6	5684.1	5613.2	5436.0	5270.5	5128.7	5128.7
35°	19817.6	16201.5	8094.8	6653.1	5885.0	5565.9	5365.1	5164.2	4986.9	4786.0	4786.0
37.5°	21188.4	17040.5	8331.2	6842.2	5861.4	5424.1	5105.1	4880.5	4691.5	4490.6	4466.9
40°	22145.6	17525.1	8473.0	6913.1	5778.7	5235.1	4856.9	4573.3	4301.5	4029.7	4017.9
42.5°	22606.5	17501.4	8390.3	6889.5	5625.0	4998.7	4644.2	4266.0	3899.7	3651.5	3627.9
45°	22854.7	17347.8	8071.2	6688.6	5376.9	4750.6	4372.4	3970.6	3604.3	3379.7	3332.5
47.5°	22807.4	16969.6	7634.0	6192.3	5046.0	4478.8	4100.6	3687.0	3391.6	3261.6	3261.6
50°	22937.4	16674.2	7137.6	5625.0	4596.9	4159.7	3852.4	3474.3	3297.0	3131.6	3072.5
52.5°	23516.4	16922.4	6712.2	5093.3	4171.5	3852.4	3639.7	3320.7	3096.1	2989.8	2954.3
55°	24284.5	17454.1	6310.4	4620.6	3757.9	3580.6	3474.3	3178.9	2918.9	2812.5	2753.4
57.5°	24426.4	17820.5	5920.5	4159.7	3415.2	3367.9	3332.5	2930.7	2718.0	2635.3	2588.0
60°	23445.5	17548.7	5412.3	3746.1	3143.4	3167.0	3072.5	2777.1	2528.9	2446.2	2398.9
62.5°	21779.3	16839.6	4904.2	3391.6	2930.7	2978.0	2883.4	2588.0	2339.8	2257.1	2233.5
63°	21448.4	16650.6	4786.0	3356.1	2883.4	2942.5	2859.8	2564.4	2316.2	2233.5	2198.0
65°	19474.9	15516.1	4372.4	3167.0	2729.8	2729.8	2741.6	2446.2	2233.5	2198.0	2174.4
67.5°	15882.4	12951.8	3923.3	2942.5	2564.4	2599.8	2658.9	2493.4	2410.7	2387.1	2363.5
70°	12006.4	9749.3	3533.4	2729.8	2387.1	2505.3	2907.1	2836.2	2528.9	2316.2	2268.9
72.5°	8508.5	6641.3	3190.7	2517.1	2174.4	2469.8	3013.4	2706.2	2280.7	2032.6	1985.3
75°	5695.9	4277.9	2848.0	2292.6	1938.0	2280.7	2848.0	2469.8	1985.3	1926.2	1855.3
77.5°	3580.6	3048.9	2505.3	2032.6	1678.1	2032.6	2588.0	2198.0	1713.5	1737.1	1630.8
80°	2186.2	2174.4	2103.5	1725.3	1347.2	1619.0	2174.4	1855.3	1370.8	1370.8	1217.2
82.5°	1299.9	1571.7	1784.4	1429.9	980.8	1158.1	1571.7	1394.4	1146.3	1110.8	1039.9
85°	874.5	1063.6	1418.1	1099.0	626.3	709.0	1087.2	1169.9	1051.7	921.7	862.7
87.5°	319.1	425.4	650.0	449.1	271.8	425.4	815.4	850.8	638.1	496.3	449.1
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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-6  
 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-750-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 4896  
 CIE u': 0.2101  
 CIE v': 0.4901  
 Duv: 0.0035  
 CIE x: 0.3489  
 CIE y: 0.3618  
 CIE z: 0.2893  
 Peak Wavelength (nm): 443  
 Dominant Wavelength (nm): 570  
 Purity: 13.25435  
 Rf: 70.7  
 Rg: 96.8

CRI (Ra):	70.2		
R1:	68.1	R9:	-35.1
R2:	73.9	R10:	39.3
R3:	79.4	R11:	71.1
R4:	72.1	R12:	43.8
R5:	69.2	R13:	68.1
R6:	65.7	R14:	88.4
R7:	78.1	R15:	59.7
R8:	55.3		



**Test Conditions**

Stabilization Time: 21M  
 Operation Time: 1H 21M  
 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 5000K 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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.7**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.37**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

**Summary**

$R_f = 70.7$   
 $R_g = 96.8$   
 $CIE R_a = 70.2$   
 $R_g = -35.1$



**Color Vector Graphics**



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

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)