

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: P1457100

Luminaire Tested: GLAN-SB4B-750-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457100  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4B-750-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square  
PACKAGE 70CRI 5000K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (104) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

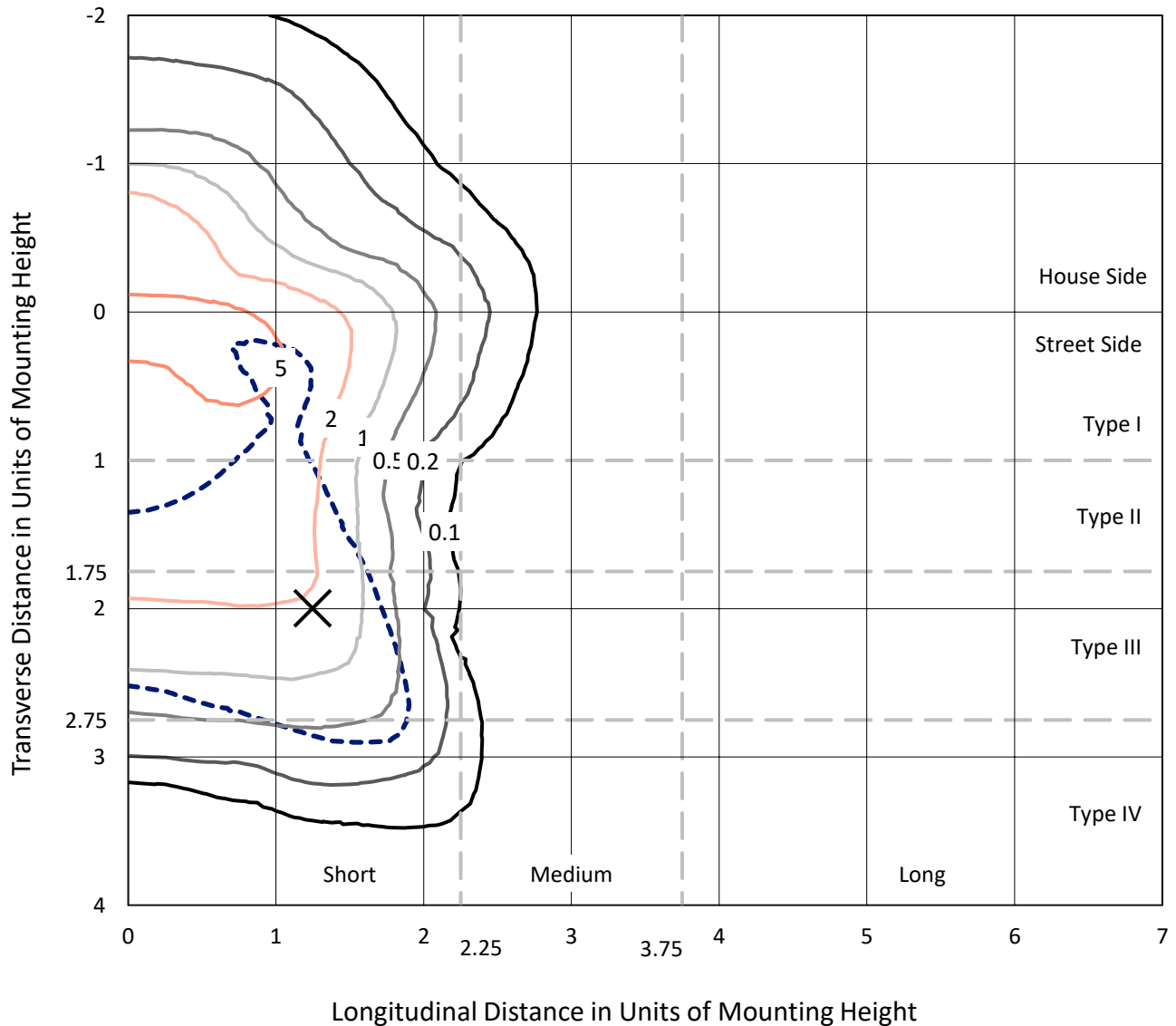
Lumens per Lamp: N/A  
Luminaire Lumens: 23366.8 lumens  
Efficiency: N/A  
Efficacy: 159.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 147  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

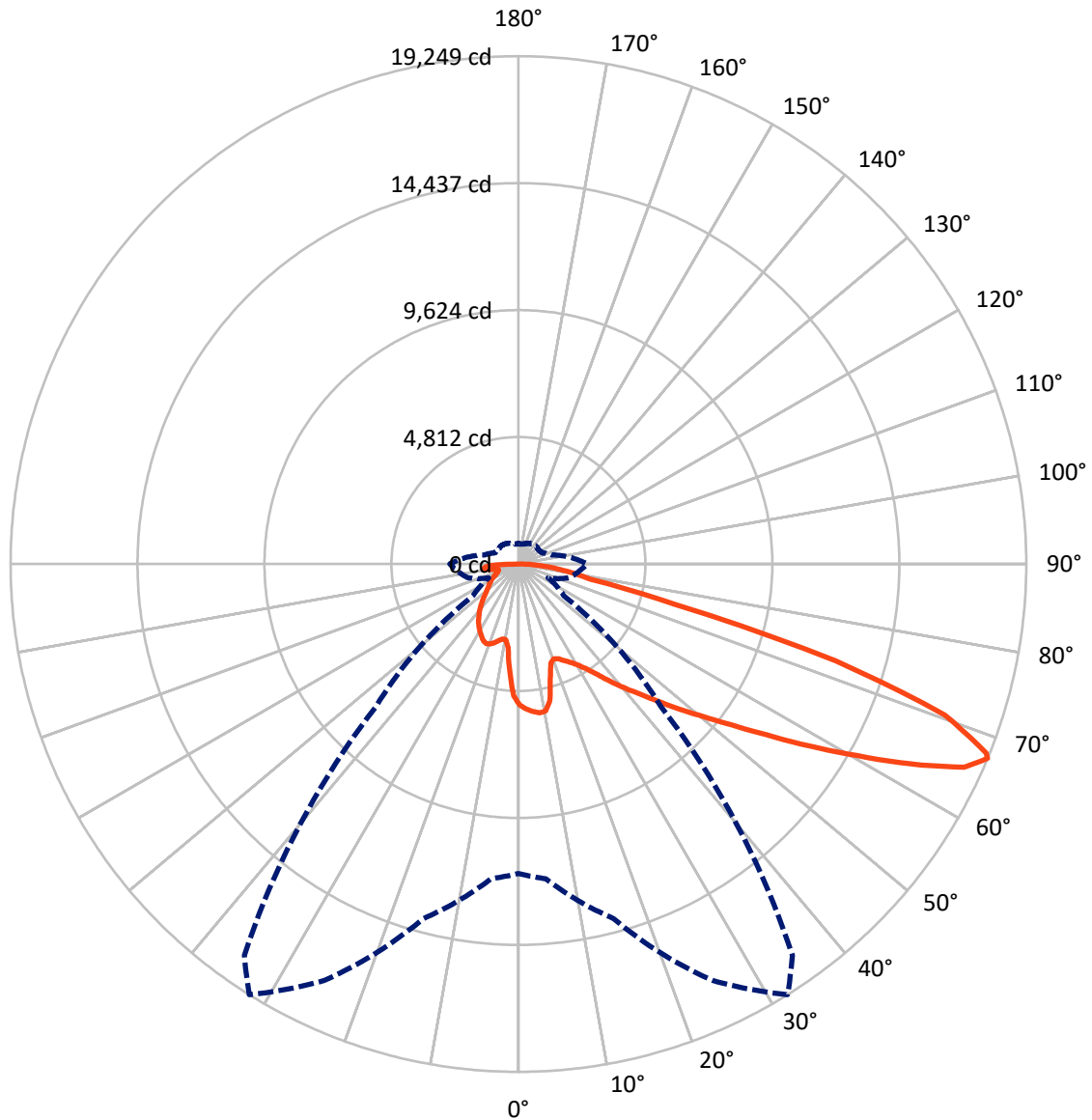
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 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	5532.0	0.0	5532.0
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	17834.8	0.0	17834.8
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	23366.8	0.0	23366.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	466.5	2.0
10°-20°	1238.6	5.3
20°-30°	2022.6	8.7
30°-40°	2981.2	12.8
40°-50°	4111.2	17.6
50°-60°	5193.7	22.2
60°-70°	5026.5	21.5
70°-80°	1793.9	7.7
80°-90°	532.7	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°	23366.8	100.0
0°-180°	23366.8	100.0



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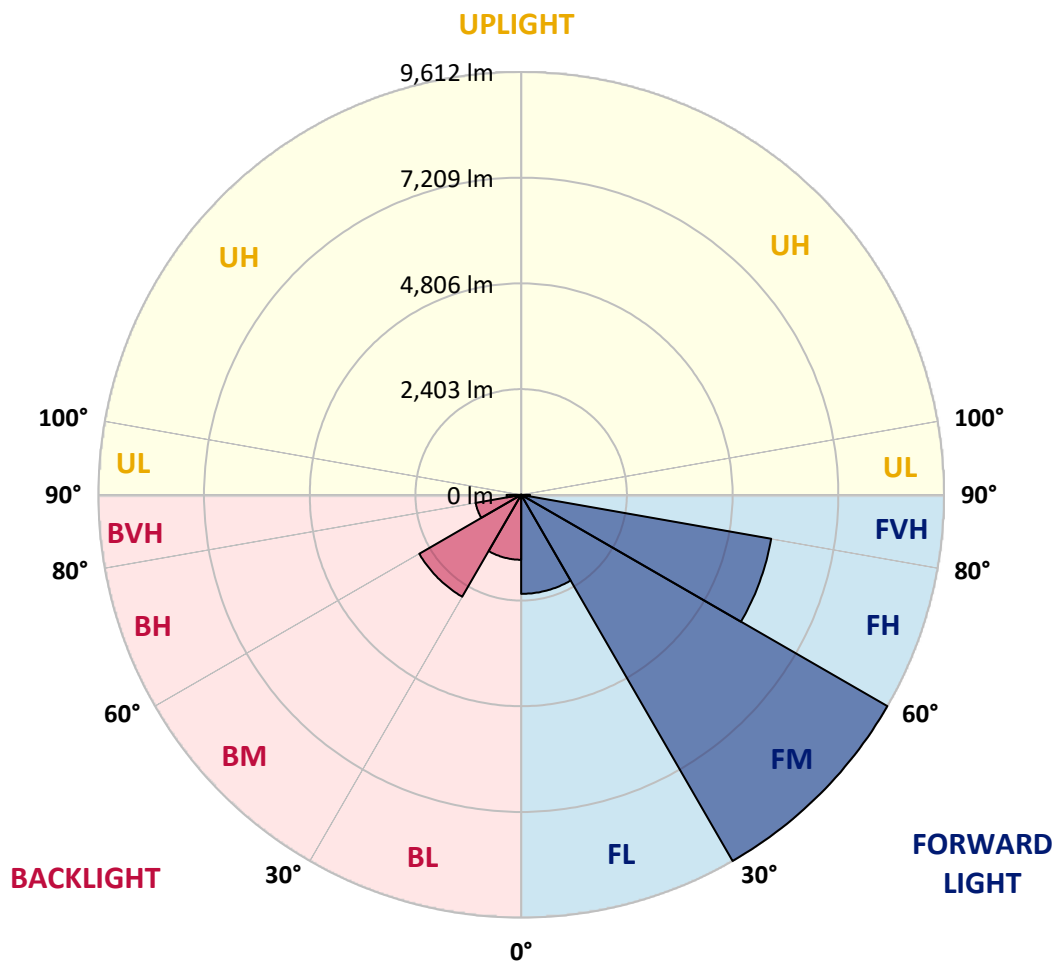
CATALOG NUMBER: GLAN-SB4B-750-U-T4LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2251.4	9.6			
FM (30°-60°)	9611.5	41.1			
FH (60°-80°)	5771.1	24.7			G3/7500
FVH (80°-90°)	200.7	0.9			G2/225
BL (0°-30°)	1476.2	6.3	B3/2500		
BM (30°-60°)	2674.5	11.4	B3/5000		
BH (60°-80°)	1049.3	4.5	B3/2500		G3/2500
BVH (80°-90°)	332.0	1.4			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 IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9
2.5°	5541.2	5525.6	5510.1	5520.4	5499.7	5494.5	5468.6	5458.2	5427.1	5421.9	5364.8
5°	5655.3	5624.2	5619.0	5629.4	5608.6	5608.6	5587.9	5572.3	5525.6	5499.7	5416.7
7.5°	5655.3	5650.2	5660.5	5696.9	5702.0	5702.0	5702.0	5707.2	5660.5	5624.2	5494.5
10°	5333.7	5281.8	5395.9	5577.5	5665.7	5717.6	5811.0	5868.1	5831.8	5805.8	5629.4
12.5°	4373.8	4379.0	4560.6	4949.7	5302.5	5453.0	5842.1	6049.7	6065.2	6023.7	5800.6
15°	3709.7	3735.6	3829.0	4109.2	4513.9	4737.0	5660.5	6210.5	6335.0	6293.5	6008.2
17.5°	3507.4	3522.9	3564.4	3725.3	3953.6	4135.1	5167.6	6314.3	6661.9	6610.0	6241.6
20°	3476.2	3486.6	3538.5	3673.4	3829.0	3932.8	4664.4	6231.3	6968.0	6947.3	6454.4
22.5°	3481.4	3491.8	3559.2	3746.0	3906.9	3995.1	4503.5	6039.3	7289.7	7310.4	6672.3
25°	3491.8	3497.0	3600.7	3849.8	4052.1	4161.1	4607.3	5868.1	7559.5	7735.9	6910.9
27.5°	3548.9	3564.4	3704.5	3984.7	4223.3	4347.9	4851.1	5925.1	7855.2	8218.4	7196.3
30°	3704.5	3714.9	3886.1	4176.7	4436.1	4565.8	5141.7	6153.4	8218.4	8716.5	7476.5
32.5°	3948.4	3958.7	4155.9	4456.8	4737.0	4892.7	5520.4	6589.3	8623.1	9240.5	7756.6
35°	4285.6	4290.8	4513.9	4835.6	5131.3	5307.7	5961.5	7082.2	9043.4	9686.7	7964.2
37.5°	4685.1	4721.4	4949.7	5287.0	5634.6	5795.4	6480.3	7658.1	9416.9	10065.5	8083.5
40°	5235.1	5245.5	5468.6	5795.4	6163.8	6319.5	6999.1	8202.8	9826.8	10288.6	8192.5
42.5°	5800.6	5888.8	6075.6	6438.8	6713.8	6838.3	7590.6	8700.9	10153.7	10299.0	8145.8
45°	6558.1	6625.6	6812.4	7134.0	7409.0	7554.3	8228.8	9157.5	10319.7	10210.8	8042.0
47.5°	7424.6	7466.1	7616.6	7907.1	8213.2	8317.0	8892.9	9416.9	10382.0	10148.5	7995.3
50°	8446.7	8446.7	8555.7	8804.7	9084.9	9230.1	9505.1	9572.6	10563.6	10039.5	8114.6
52.5°	9308.0	9349.5	9494.8	9847.6	10127.7	10293.8	9982.5	9811.2	10195.2	9432.5	8151.0
55°	10132.9	10179.6	10506.5	10947.5	11424.8	11606.4	10579.1	9691.9	8955.2	8545.3	7901.9
57.5°	10921.6	11020.1	11430.0	12291.3	13012.5	12996.9	11336.6	8623.1	7310.4	7564.7	7357.1
60°	12021.5	12125.3	12779.0	13863.4	14745.4	14377.0	11347.0	7175.5	5696.9	6039.3	6335.0
62.5°	12939.8	13116.2	14076.1	15881.7	16691.0	16115.1	10407.9	5494.5	3782.3	4213.0	4897.8
65°	12856.8	13090.3	14579.4	17365.5	18574.4	18040.0	9033.0	3476.2	1950.8	2879.6	3429.5
67°	11725.8	11980.0	13910.1	17417.4	19248.9	18107.5	7626.9	2101.3	1240.0	1997.5	2381.5
67.5°	11077.2	11450.8	13578.0	17318.8	19124.4	17822.1	6993.9	1758.9	1167.4	1857.4	2168.7
70°	6812.4	7414.2	10190.0	15310.9	17142.4	14916.6	3886.1	996.2	949.5	1245.2	1499.4
72.5°	2049.4	2231.0	3932.8	9821.6	12581.8	11056.5	1748.5	767.9	850.9	1001.4	1157.0
75°	996.2	1063.6	1624.0	4015.8	6127.5	6096.4	975.4	658.9	788.6	840.5	913.2
77.5°	638.2	679.7	1011.7	2246.6	2806.9	2500.8	705.6	575.9	700.4	690.1	679.7
80°	399.5	420.3	648.5	1302.3	2070.2	1727.7	518.8	472.1	601.9	534.4	482.5
82.5°	259.4	285.4	415.1	793.8	1478.7	1286.7	342.4	337.2	498.1	425.4	373.6
85°	171.2	192.0	264.6	467.0	876.8	918.3	223.1	233.5	383.9	321.7	285.4
87.5°	62.3	77.8	134.9	207.5	409.9	508.5	93.4	88.2	186.8	150.5	119.3
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-SB4B-750-U-T4LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9	5338.9
2.5°	5354.4	5338.9	5266.2	5204.0	5157.3	5095.0	5027.5	4949.7	4897.8	4908.2	4892.7
5°	5380.4	5338.9	5198.8	4986.0	4778.5	4519.1	4187.0	3989.9	3839.4	3761.6	3782.3
7.5°	5437.4	5364.8	5069.1	4638.4	4098.8	3569.6	3242.7	3056.0	2967.8	2931.4	2926.3
10°	5536.0	5411.5	4903.0	4098.8	3393.2	3035.2	2915.9	2864.0	2853.6	2853.6	2848.4
12.5°	5655.3	5458.2	4622.9	3574.8	3056.0	2926.3	2905.5	2910.7	2926.3	2941.8	2915.9
15°	5800.6	5478.9	4275.2	3258.3	2988.5	2957.4	2988.5	3024.8	3050.8	3071.5	3045.6
17.5°	5945.9	5458.2	3948.4	3107.8	2998.9	3040.4	3102.7	3159.7	3175.3	3206.4	3185.7
20°	6049.7	5385.5	3668.2	3050.8	3024.8	3118.2	3196.0	3258.3	3289.4	3310.2	3289.4
22.5°	6127.5	5292.2	3465.8	2993.7	3024.8	3139.0	3232.4	3305.0	3341.3	3362.1	3336.1
25°	6194.9	5162.4	3310.2	2910.7	2962.6	3071.5	3175.3	3247.9	3299.8	3330.9	3315.4
27.5°	6278.0	5058.7	3164.9	2786.2	2832.9	2936.6	3045.6	3133.8	3232.4	3284.3	3273.9
30°	6371.3	5006.8	3024.8	2651.3	2682.4	2786.2	2915.9	3035.2	3170.1	3237.6	3237.6
32.5°	6480.3	4970.5	2895.1	2521.6	2547.5	2661.6	2786.2	2895.1	3040.4	3149.4	3144.2
35°	6527.0	4929.0	2791.4	2402.2	2454.1	2547.5	2646.1	2718.7	2869.2	2998.9	3009.3
37.5°	6573.7	4913.4	2739.5	2308.8	2350.3	2423.0	2474.9	2511.2	2651.3	2786.2	2791.4
40°	6630.8	4986.0	2775.8	2246.6	2210.3	2282.9	2308.8	2329.6	2402.2	2490.4	2490.4
42.5°	6594.4	5037.9	2858.8	2189.5	2039.0	2122.1	2132.4	2127.2	2132.4	2137.6	2132.4
45°	6501.1	4986.0	2858.8	2101.3	1857.4	1945.6	1940.5	1914.5	1873.0	1764.1	1748.5
47.5°	6480.3	4954.9	2749.8	1956.0	1675.8	1748.5	1758.9	1707.0	1587.6	1473.5	1437.2
50°	6568.5	5012.0	2578.6	1779.6	1520.2	1582.5	1608.4	1520.2	1385.3	1266.0	1245.2
52.5°	6698.2	5084.6	2329.6	1587.6	1390.5	1452.7	1483.9	1385.3	1245.2	1151.8	1141.4
55°	6682.6	5084.6	2049.4	1411.2	1291.9	1338.6	1390.5	1286.7	1177.8	1125.9	1120.7
57.5°	6345.4	4892.7	1841.9	1286.7	1198.5	1240.0	1307.5	1208.9	1105.1	1115.5	1131.1
60°	5686.5	4394.6	1686.2	1203.7	1115.5	1157.0	1229.6	1115.5	980.6	944.3	944.3
62.5°	4685.1	3621.5	1561.7	1120.7	1037.7	1089.6	1125.9	975.4	887.2	845.7	845.7
65°	3512.5	2801.7	1432.0	1053.2	970.2	1027.3	985.8	913.2	825.0	793.8	799.0
67°	2604.6	2173.9	1323.0	996.2	928.7	954.7	923.5	871.6	783.4	757.5	783.4
67.5°	2340.0	2065.0	1297.1	980.6	918.3	939.1	908.0	866.5	773.1	747.1	773.1
70°	1608.4	1587.6	1157.0	908.0	861.3	840.5	856.1	804.2	726.4	716.0	741.9
72.5°	1224.5	1266.0	1037.7	845.7	799.0	773.1	809.4	757.5	679.7	695.2	721.2
75°	959.9	1022.1	928.7	757.5	726.4	731.6	804.2	783.4	721.2	736.8	741.9
77.5°	710.8	825.0	793.8	658.9	633.0	705.6	908.0	970.2	861.3	835.3	799.0
80°	518.8	591.5	669.3	544.8	529.2	679.7	1120.7	1240.0	1063.6	959.9	933.9
82.5°	383.9	415.1	550.0	435.8	383.9	607.0	1245.2	1457.9	1266.0	1068.8	1037.7
85°	275.0	321.7	435.8	321.7	254.2	498.1	1219.3	1426.8	1255.6	1011.7	985.8
87.5°	98.6	140.1	186.8	145.3	129.7	342.4	1006.5	1027.3	783.4	358.0	363.2
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: SP1-2407-184-6

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



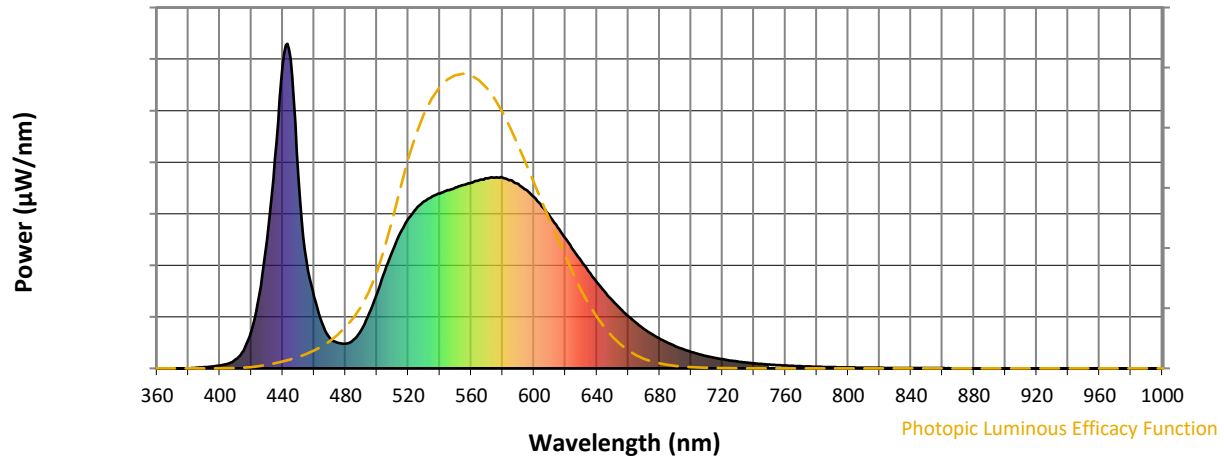
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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)