

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: P1457319

Luminaire Tested: GLAN-SB5A-850-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457319
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB5A-850-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square
PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (130) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21209.3 lumens
Efficiency: N/A
Efficacy: 149.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

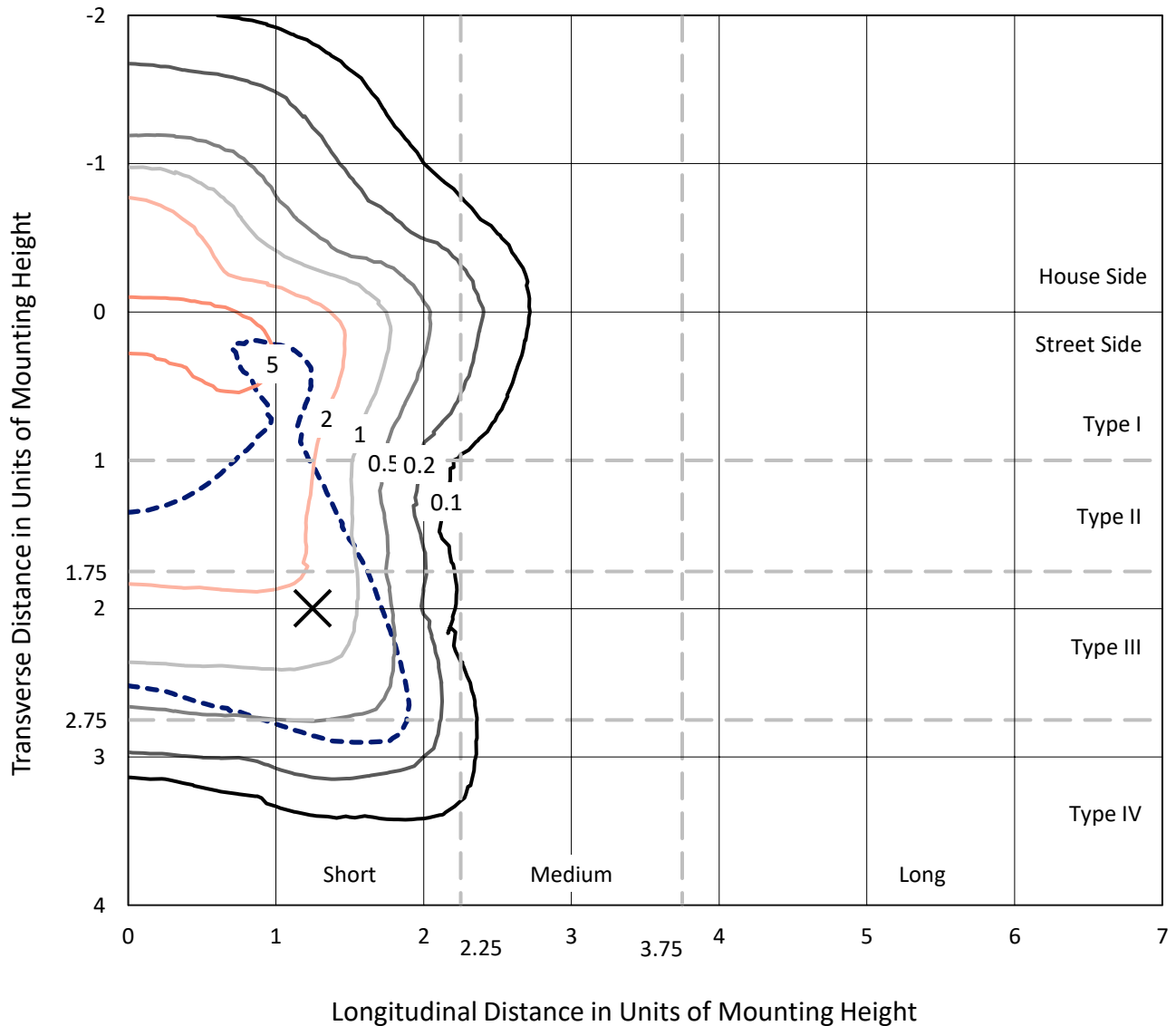
Input Watts (W): 141.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

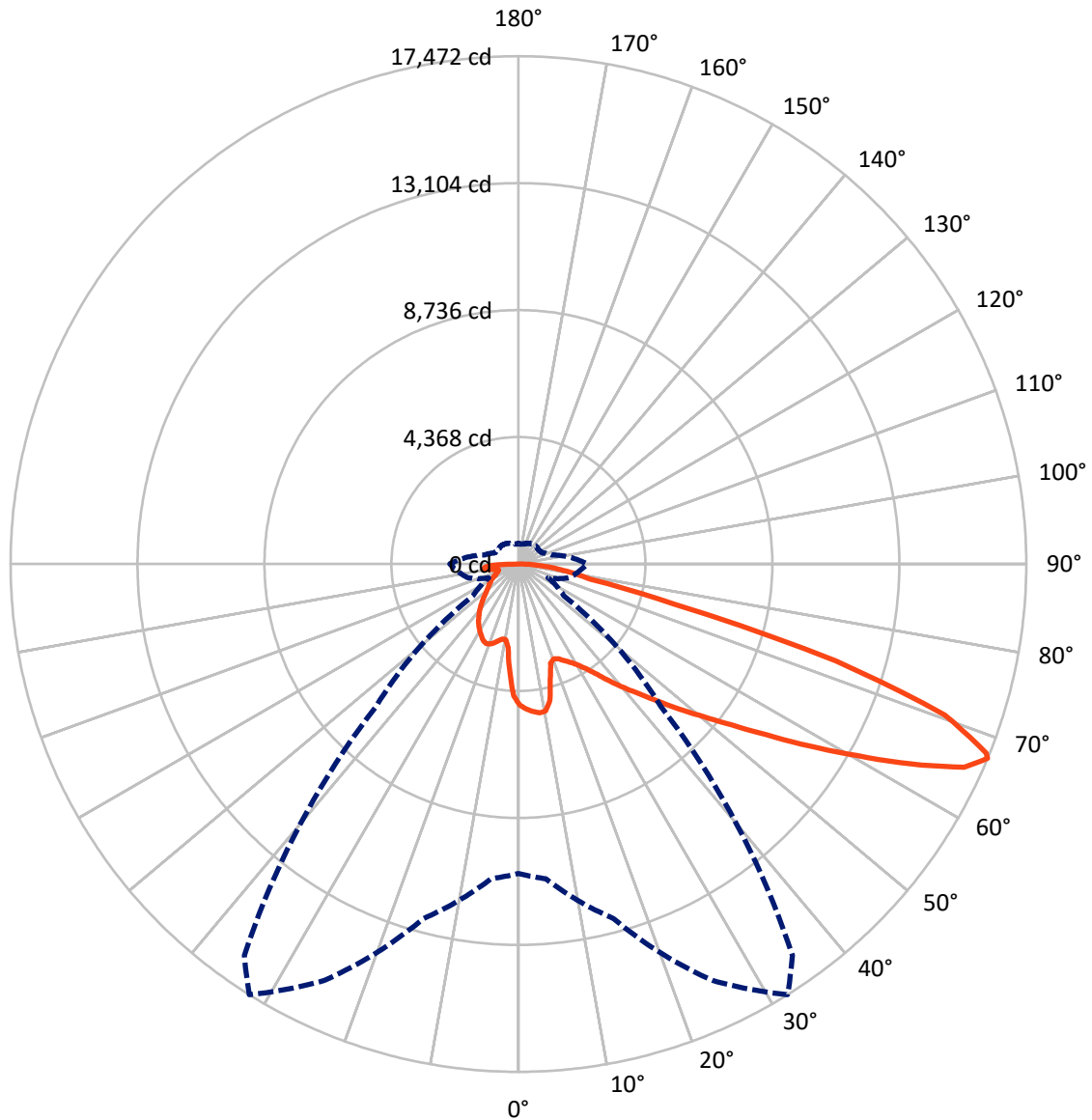


Based on 25 foot mounting height. Maximum calculated value = 8.4 fc
 Type IV - Short - N/A

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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
House Side	Lumens	5021.2	0.0	5021.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	16188.1	0.0	16188.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	21209.3	0.0	21209.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.4	2.0
10°-20°	1124.2	5.3
20°-30°	1835.9	8.7
30°-40°	2705.9	12.8
40°-50°	3731.6	17.6
50°-60°	4714.1	22.2
60°-70°	4562.4	21.5
70°-80°	1628.3	7.7
80°-90°	483.5	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°	21209.3	100.0
0°-180°	21209.3	100.0



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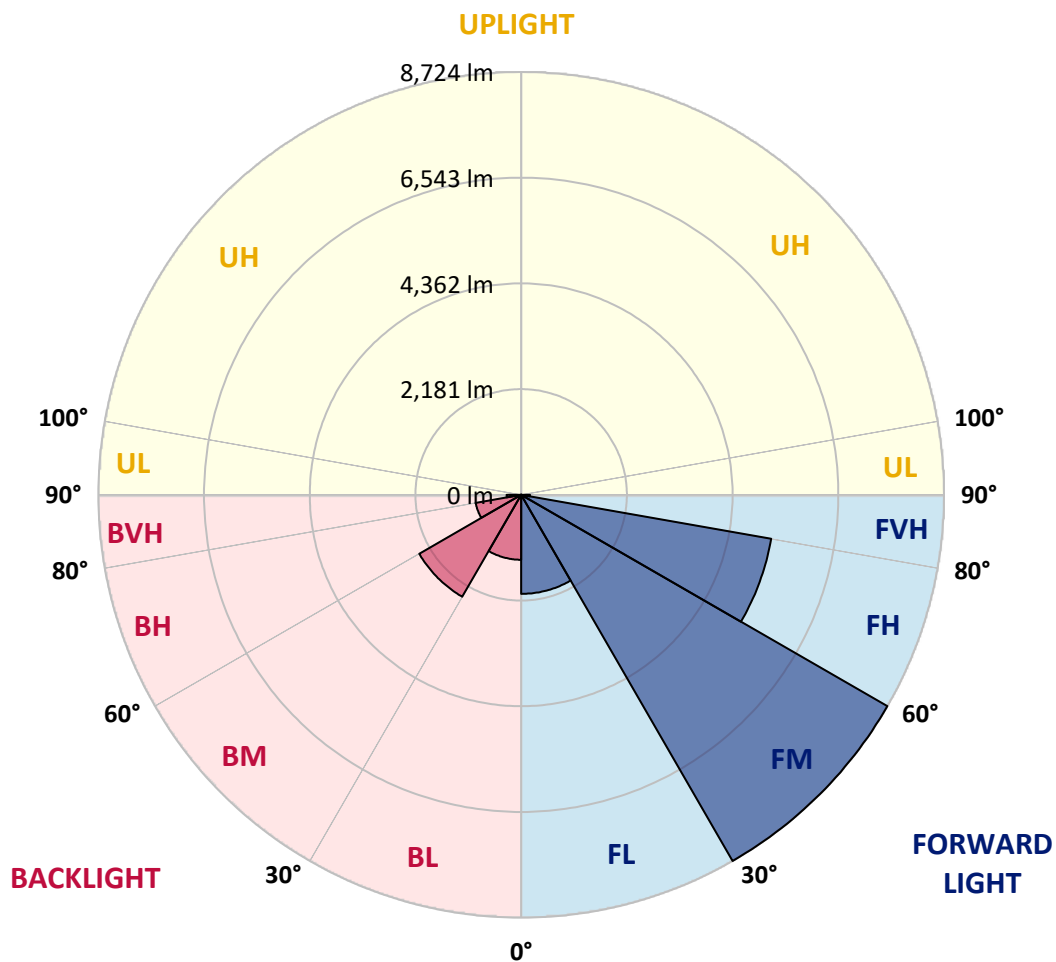
CATALOG NUMBER: GLAN-SB5A-850-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2043.6	9.6			
FM	(30°-60°)	8724.1	41.1			
FH	(60°-80°)	5238.3	24.7			G3/7500
FVH	(80°-90°)	182.2	0.9			G2/225
BL	(0°-30°)	1339.9	6.3	B3/2500		
BM	(30°-60°)	2427.5	11.4	B2/2500		
BH	(60°-80°)	952.4	4.5	B2/1000		G2/1000
BVH	(80°-90°)	301.3	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°	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9
2.5°	5029.6	5015.4	5001.3	5010.7	4991.9	4987.2	4963.6	4954.2	4926.0	4921.3	4869.5
5°	5133.2	5104.9	5100.2	5109.6	5090.8	5090.8	5072.0	5057.8	5015.4	4991.9	4916.5
7.5°	5133.2	5128.5	5137.9	5170.9	5175.6	5175.6	5175.6	5180.3	5137.9	5104.9	4987.2
10°	4841.2	4794.1	4897.7	5062.5	5142.6	5189.7	5274.5	5326.3	5293.3	5269.7	5109.6
12.5°	3970.0	3974.7	4139.5	4492.7	4812.9	4949.5	5302.7	5491.1	5505.2	5467.5	5265.0
15°	3367.2	3390.7	3475.5	3729.8	4097.1	4299.6	5137.9	5637.1	5750.1	5712.4	5453.4
17.5°	3183.5	3197.6	3235.3	3381.3	3588.5	3753.3	4690.5	5731.3	6046.8	5999.7	5665.3
20°	3155.3	3164.7	3211.8	3334.2	3475.5	3569.7	4233.7	5655.9	6324.6	6305.8	5858.4
22.5°	3160.0	3169.4	3230.6	3400.1	3546.1	3626.2	4087.7	5481.7	6616.6	6635.5	6056.2
25°	3169.4	3174.1	3268.3	3494.3	3678.0	3776.9	4181.9	5326.3	6861.5	7021.6	6272.8
27.5°	3221.2	3235.3	3362.5	3616.8	3833.4	3946.4	4403.2	5378.1	7129.9	7459.6	6531.9
30°	3362.5	3371.9	3527.3	3791.0	4026.5	4144.2	4667.0	5585.3	7459.6	7911.7	6786.2
32.5°	3583.8	3593.2	3772.2	4045.3	4299.6	4440.9	5010.7	5980.9	7826.9	8387.3	7040.5
35°	3889.9	3894.6	4097.1	4389.1	4657.5	4817.7	5411.0	6428.2	8208.4	8792.3	7228.8
37.5°	4252.5	4285.5	4492.7	4798.8	5114.3	5260.3	5882.0	6951.0	8547.4	9136.1	7337.1
40°	4751.7	4761.1	4963.6	5260.3	5594.7	5736.0	6352.9	7445.5	8919.5	9338.6	7436.0
42.5°	5265.0	5345.1	5514.6	5844.3	6093.9	6206.9	6889.8	7897.6	9216.2	9348.0	7393.7
45°	5952.6	6013.8	6183.4	6475.3	6724.9	6856.8	7469.0	8312.0	9366.9	9268.0	7299.5
47.5°	6739.1	6776.7	6913.3	7177.0	7454.9	7549.1	8071.8	8547.4	9423.4	9211.5	7257.1
50°	7666.8	7666.8	7765.7	7991.7	8246.0	8377.9	8627.5	8688.7	9588.2	9112.6	7365.4
52.5°	8448.6	8486.2	8618.1	8938.3	9192.6	9343.3	9060.8	8905.4	9253.8	8561.6	7398.4
55°	9197.3	9239.7	9536.4	9936.7	10370.0	10534.8	9602.3	8797.0	8128.3	7756.3	7172.3
57.5°	9913.2	10002.6	10374.7	11156.4	11811.0	11796.9	10289.9	7826.9	6635.5	6866.2	6677.8
60°	10911.5	11005.7	11599.1	12583.3	13383.9	13049.6	10299.3	6513.0	5170.9	5481.7	5750.1
62.5°	11745.1	11905.2	12776.4	14415.3	15149.9	14627.2	9446.9	4987.2	3433.1	3824.0	4445.6
65°	11669.7	11881.7	13233.2	15762.1	16859.4	16374.4	8199.0	3155.3	1770.7	2613.7	3112.9
67°	10643.1	10873.9	12625.7	15809.2	17471.6	16435.6	6922.7	1907.3	1125.5	1813.1	2161.6
67.5°	10054.4	10393.5	12324.3	15719.8	17358.6	16176.6	6348.2	1596.5	1059.6	1685.9	1968.5
70°	6183.4	6729.6	9249.1	13897.3	15559.6	13539.3	3527.3	904.2	861.8	1130.2	1361.0
72.5°	1860.2	2025.0	3569.7	8914.8	11420.1	10035.6	1587.0	697.0	772.3	908.9	1050.2
75°	904.2	965.4	1474.0	3645.0	5561.7	5533.5	885.4	598.1	715.8	762.9	828.8
77.5°	579.2	616.9	918.3	2039.1	2547.8	2269.9	640.5	522.7	635.8	626.3	616.9
80°	362.6	381.5	588.7	1182.0	1879.0	1568.2	470.9	428.5	546.3	485.1	438.0
82.5°	235.5	259.0	376.7	720.5	1342.2	1167.9	310.8	306.1	452.1	386.2	339.1
85°	155.4	174.2	240.2	423.8	795.9	833.6	202.5	211.9	348.5	292.0	259.0
87.5°	56.5	70.6	122.4	188.4	372.0	461.5	84.8	80.1	169.5	136.6	108.3
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-SB5A-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9	4845.9
2.5°	4860.0	4845.9	4780.0	4723.5	4681.1	4624.6	4563.3	4492.7	4445.6	4455.0	4440.9
5°	4883.6	4845.9	4718.8	4525.7	4337.3	4101.8	3800.4	3621.5	3484.9	3414.3	3433.1
7.5°	4935.4	4869.5	4601.0	4210.1	3720.4	3240.0	2943.3	2773.8	2693.7	2660.8	2656.1
10°	5024.9	4911.8	4450.3	3720.4	3079.9	2755.0	2646.6	2599.6	2590.1	2590.1	2585.4
12.5°	5133.2	4954.2	4196.0	3244.7	2773.8	2656.1	2637.2	2641.9	2656.1	2670.2	2646.6
15°	5265.0	4973.1	3880.5	2957.5	2712.6	2684.3	2712.6	2745.5	2769.1	2787.9	2764.4
17.5°	5396.9	4954.2	3583.8	2820.9	2722.0	2759.7	2816.2	2868.0	2882.1	2910.4	2891.5
20°	5491.1	4888.3	3329.5	2769.1	2745.5	2830.3	2901.0	2957.5	2985.7	3004.6	2985.7
22.5°	5561.7	4803.5	3145.8	2717.3	2745.5	2849.1	2933.9	2999.8	3032.8	3051.7	3028.1
25°	5622.9	4685.8	3004.6	2641.9	2689.0	2787.9	2882.1	2948.0	2995.1	3023.4	3009.3
27.5°	5698.3	4591.6	2872.7	2528.9	2571.3	2665.5	2764.4	2844.4	2933.9	2981.0	2971.6
30°	5783.1	4544.5	2745.5	2406.5	2434.7	2528.9	2646.6	2755.0	2877.4	2938.6	2938.6
32.5°	5882.0	4511.5	2627.8	2288.7	2312.3	2415.9	2528.9	2627.8	2759.7	2858.6	2853.9
35°	5924.3	4473.9	2533.6	2180.4	2227.5	2312.3	2401.8	2467.7	2604.3	2722.0	2731.4
37.5°	5966.7	4459.7	2486.5	2095.7	2133.3	2199.3	2246.4	2279.3	2406.5	2528.9	2533.6
40°	6018.5	4525.7	2519.5	2039.1	2006.2	2072.1	2095.7	2114.5	2180.4	2260.5	2260.5
42.5°	5985.6	4572.8	2594.8	1987.3	1850.8	1926.1	1935.5	1930.8	1935.5	1940.2	1935.5
45°	5900.8	4525.7	2594.8	1907.3	1685.9	1766.0	1761.3	1737.7	1700.1	1601.2	1587.0
47.5°	5882.0	4497.4	2495.9	1775.4	1521.1	1587.0	1596.5	1549.4	1441.1	1337.5	1304.5
50°	5962.0	4549.2	2340.5	1615.3	1379.8	1436.3	1459.9	1379.8	1257.4	1149.1	1130.2
52.5°	6079.8	4615.1	2114.5	1441.1	1262.1	1318.6	1346.9	1257.4	1130.2	1045.5	1036.1
55°	6065.6	4615.1	1860.2	1280.9	1172.6	1215.0	1262.1	1167.9	1069.0	1021.9	1017.2
57.5°	5759.5	4440.9	1671.8	1167.9	1087.9	1125.5	1186.8	1097.3	1003.1	1012.5	1026.6
60°	5161.4	3988.8	1530.5	1092.6	1012.5	1050.2	1116.1	1012.5	890.1	857.1	857.1
62.5°	4252.5	3287.1	1417.5	1017.2	941.9	989.0	1021.9	885.4	805.3	767.6	767.6
65°	3188.2	2543.0	1299.8	956.0	880.6	932.4	894.8	828.8	748.8	720.5	725.2
67°	2364.1	1973.2	1200.9	904.2	843.0	866.5	838.3	791.2	711.1	687.6	711.1
67.5°	2123.9	1874.3	1177.3	890.1	833.6	852.4	824.1	786.5	701.7	678.1	701.7
70°	1459.9	1441.1	1050.2	824.1	781.7	762.9	777.0	729.9	659.3	649.9	673.4
72.5°	1111.4	1149.1	941.9	767.6	725.2	701.7	734.7	687.6	616.9	631.1	654.6
75°	871.2	927.7	843.0	687.6	659.3	664.0	729.9	711.1	654.6	668.7	673.4
77.5°	645.2	748.8	720.5	598.1	574.5	640.5	824.1	880.6	781.7	758.2	725.2
80°	470.9	536.9	607.5	494.5	480.4	616.9	1017.2	1125.5	965.4	871.2	847.7
82.5°	348.5	376.7	499.2	395.6	348.5	551.0	1130.2	1323.3	1149.1	970.1	941.9
85°	249.6	292.0	395.6	292.0	230.8	452.1	1106.7	1295.1	1139.7	918.3	894.8
87.5°	89.5	127.2	169.5	131.9	117.7	310.8	913.6	932.4	711.1	324.9	329.7
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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u': 0.2107
 CIE v': 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 Rf: 82
 Rg: 99.4

CRI (Ra):	81.1		
R1:	79.8	R9:	8.7
R2:	83.5	R10:	62.4
R3:	87.9	R11:	83.8
R4:	83.1	R12:	63.0
R5:	80.5	R13:	79.9
R6:	79.1	R14:	93.3
R7:	86.1	R15:	72.7
R8:	69.0		



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 7-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.83

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$



Color Vector Graphics



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

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)