

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: P1458483

Luminaire Tested: GLAN-SB8A-850-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458483  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8A-850-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square  
PACKAGE 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (208) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

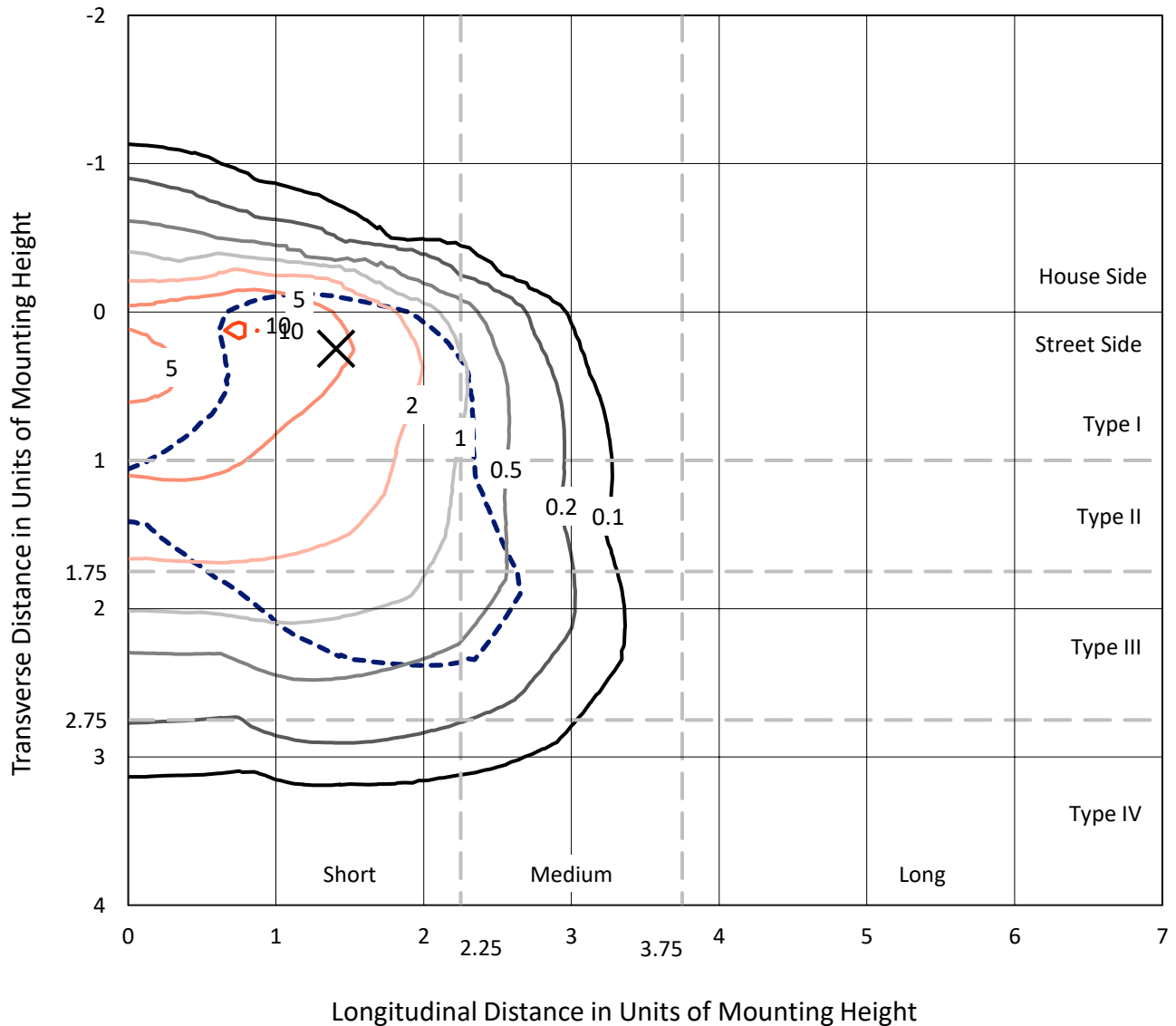
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26515.1 lumens  
Efficiency: N/A  
Efficacy: 116.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - 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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### Iso-Footcandle Lines of Horizontal Illumination

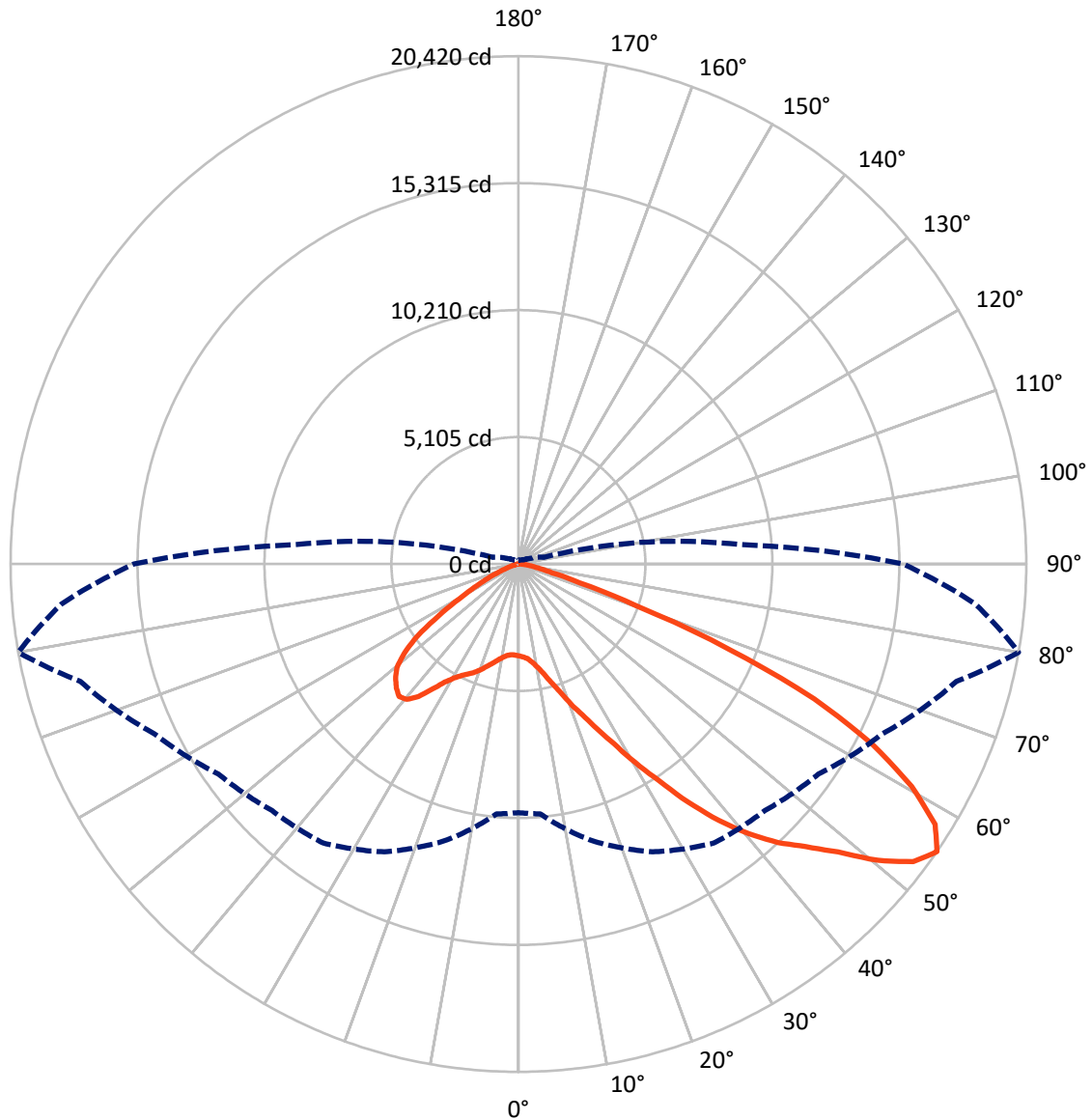
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.5 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3223.2	0.0	3223.2
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	23291.9	0.0	23291.9
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	26515.1	0.0	26515.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	310.0	1.2
10°-20°	817.2	3.1
20°-30°	1599.8	6.0
30°-40°	3254.7	12.3
40°-50°	5486.9	20.7
50°-60°	7010.5	26.4
60°-70°	5985.4	22.6
70°-80°	1912.7	7.2
80°-90°	138.1	0.5
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°	26515.1	100.0
0°-180°	26515.1	100.0



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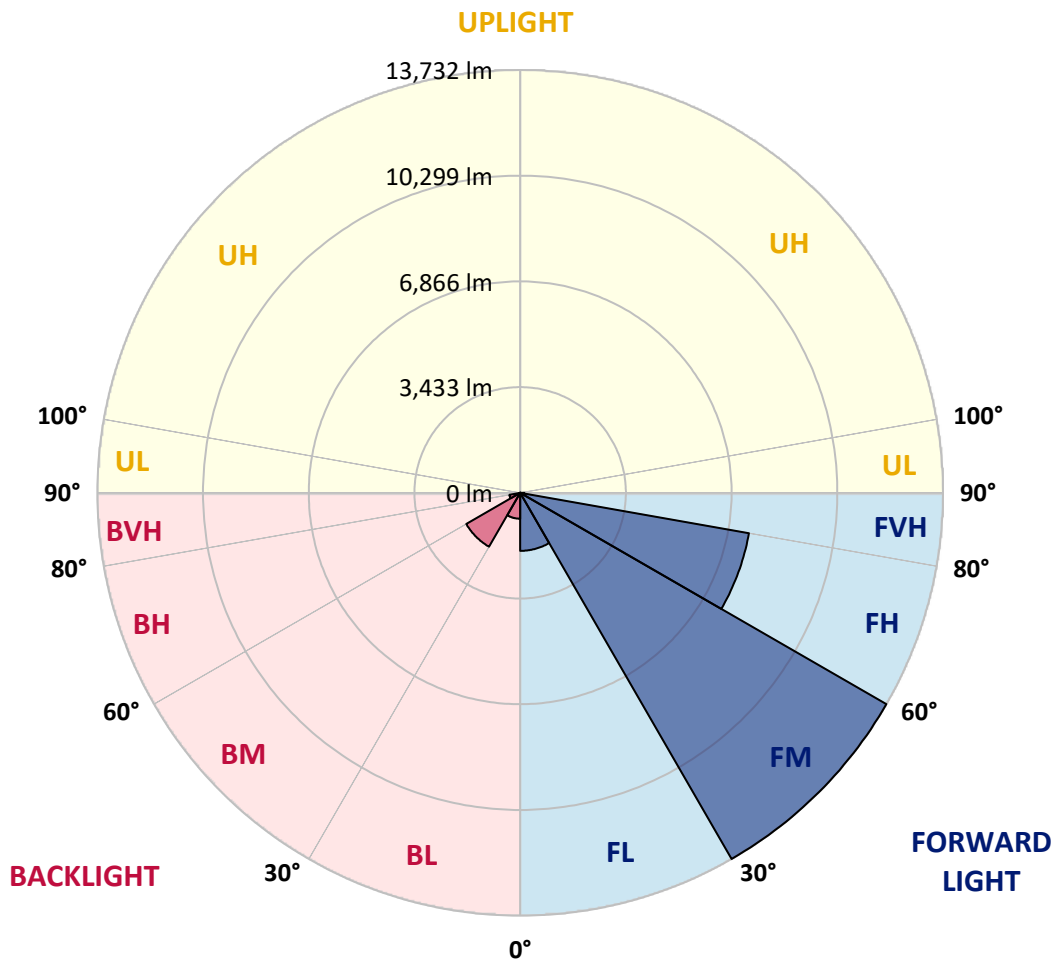
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1885.3	7.1			
FM	(30°-60°)	13732.0	51.8			
FH	(60°-80°)	7543.8	28.5			G4/12000
FVH	(80°-90°)	130.9	0.5			G2/225
BL	(0°-30°)	841.7	3.2	B2/1000		
BM	(30°-60°)	2020.1	7.6	B2/2500		
BH	(60°-80°)	354.3	1.3	B1/500		G1/500
BVH	(80°-90°)	7.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G4**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5
2.5°	3716.1	3723.7	3716.1	3723.7	3738.7	3731.2	3761.4	3753.8	3753.8	3746.3	3716.1
5°	3505.1	3512.6	3527.7	3565.4	3618.1	3670.9	3738.7	3784.0	3829.2	3821.7	3791.5
7.5°	3090.5	3105.6	3165.9	3241.2	3414.6	3572.9	3746.3	3859.3	3957.3	3987.5	3964.9
10°	2856.8	2871.9	2909.6	2985.0	3143.3	3407.1	3746.3	3980.0	4153.3	4213.6	4221.2
12.5°	2834.2	2841.7	2871.9	2954.8	3090.5	3316.6	3738.7	4138.2	4432.2	4522.7	4552.8
15°	2849.3	2864.4	2894.5	2962.4	3120.6	3376.9	3799.0	4387.0	4801.6	4929.7	4937.3
17.5°	2909.6	2924.7	2962.4	3037.7	3211.1	3535.2	3987.5	4643.3	5246.3	5389.5	5472.4
20°	3030.2	3037.7	3083.0	3180.9	3376.9	3731.2	4266.4	4990.0	5781.5	5992.5	6052.8
22.5°	3188.5	3211.1	3271.4	3392.0	3640.8	4002.6	4650.8	5412.1	6369.4	6588.0	6693.6
25°	3361.9	3392.0	3482.5	3678.4	3995.0	4417.1	5125.7	5969.9	7062.9	7326.7	7469.9
27.5°	3716.1	3723.7	3784.0	4032.7	4439.8	4959.9	5728.7	6686.0	7877.0	8186.0	8344.3
30°	4492.5	4500.1	4447.3	4515.1	4929.7	5600.6	6437.3	7522.7	8826.8	9256.4	9384.5
32.5°	5442.3	5480.0	5472.4	5427.2	5615.7	6241.3	7281.5	8525.2	9942.3	10394.6	10515.2
35°	6520.2	6610.6	6588.0	6573.0	6595.6	7062.9	8246.3	9633.3	11208.7	11759.0	11856.9
37.5°	7575.5	7598.1	7703.6	7831.8	7846.8	8171.0	9361.9	10809.2	12384.6	13085.6	13236.4
40°	8389.6	8464.9	8728.8	8985.0	9248.9	9505.2	10281.5	11759.0	13319.3	14261.5	14329.3
42.5°	9022.7	9203.6	9588.1	9987.6	10522.8	10809.2	11155.9	12429.8	14080.6	15309.2	15279.1
45°	9791.6	9867.0	10409.7	10937.3	11480.1	11917.2	11909.7	12995.1	14676.1	16206.2	16017.8
47.5°	10311.7	10402.1	11140.9	11759.0	12316.7	12535.3	12580.6	13605.7	15497.7	17291.7	16847.0
50°	10590.6	10748.9	11555.4	12339.4	12942.4	13010.2	13213.7	14404.7	16575.6	18731.4	17894.7
52.5°	10620.7	10771.5	11698.6	12708.7	13364.5	13500.2	13846.9	15309.2	17623.4	19884.7	18497.7
55°	9995.1	10085.6	11525.3	12769.0	13696.2	14012.8	14721.3	16145.9	18233.9	20419.9	18445.0
57.5°	9407.2	9497.6	10748.9	12663.5	14035.4	14683.6	15656.0	16718.8	17759.0	19756.5	17269.1
60°	8902.1	8947.4	10085.6	12173.5	14163.5	15339.4	16462.5	16153.5	16530.4	18166.1	15256.5
62.5°	7952.4	7982.5	9331.8	11291.6	13907.2	15844.4	16741.4	14955.0	15181.1	15972.6	12889.6
65°	6007.6	6120.7	7356.9	10628.3	13485.1	16078.1	16093.2	13492.6	13259.0	13070.5	10138.3
67.5°	4077.9	4206.1	4952.3	9557.9	12799.2	16176.1	14834.4	11600.7	10100.6	9128.3	6640.8
70°	3256.3	3256.3	3512.6	7681.0	11171.0	14924.8	13274.0	8758.9	6414.7	5042.8	3557.8
72.5°	2140.7	2148.3	2389.5	4876.9	7922.2	11382.1	10824.3	5065.4	3331.7	2570.4	1756.3
75°	776.4	776.4	1047.8	1952.3	4191.0	6776.5	6595.6	2419.6	1809.1	1402.0	1062.8
77.5°	414.6	429.7	505.0	806.5	1605.5	2758.8	2577.9	1236.2	1025.1	874.4	663.3
80°	278.9	286.4	339.2	497.5	776.4	1062.8	829.2	693.5	693.5	587.9	444.7
82.5°	150.8	158.3	226.1	324.1	414.6	497.5	399.5	407.0	490.0	399.5	256.3
85°	105.5	105.5	173.4	233.7	233.7	241.2	173.4	256.3	286.4	248.7	173.4
87.5°	60.3	60.3	98.0	113.1	113.1	105.5	52.8	90.5	113.1	128.1	75.4
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°	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5
2.5°	3708.6	3686.0	3640.8	3550.3	3505.1	3444.8	3392.0	3324.2	3309.1	3301.6	3271.4
5°	3768.9	3723.7	3588.0	3392.0	3226.2	3067.9	2909.6	2819.1	2743.8	2706.1	2698.5
7.5°	3919.7	3829.2	3580.4	3233.7	2924.7	2653.3	2419.6	2216.1	2110.6	2020.1	2027.7
10°	4145.8	4002.6	3595.5	3083.0	2623.2	2186.0	1846.8	1552.8	1341.7	1243.7	1236.2
12.5°	4447.3	4243.8	3648.3	2932.2	2253.8	1643.2	1213.6	1040.2	995.0	987.5	979.9
15°	4816.6	4530.2	3701.1	2736.2	1756.3	1138.2	987.5	949.8	942.2	934.7	934.7
17.5°	5261.4	4861.9	3731.2	2404.6	1281.4	979.9	927.1	904.5	897.0	889.5	889.5
20°	5819.2	5231.2	3768.9	1982.4	1085.4	942.2	881.9	851.8	844.2	844.2	836.7
22.5°	6369.4	5645.8	3738.7	1613.1	1047.8	897.0	829.2	799.0	783.9	783.9	776.4
25°	7002.6	6067.9	3648.3	1454.8	1040.2	859.3	776.4	731.2	708.6	701.0	701.0
27.5°	7726.2	6550.3	3505.1	1462.3	1040.2	829.2	708.6	648.2	633.2	618.1	618.1
30°	8555.4	7138.3	3399.5	1560.3	1055.3	799.0	648.2	572.9	550.3	535.2	542.7
32.5°	9505.2	7794.1	3392.0	1718.6	1077.9	753.8	580.4	497.5	474.9	467.3	474.9
35°	10583.1	8608.2	3565.4	1839.2	1017.6	655.8	497.5	429.7	407.0	407.0	414.6
37.5°	11781.6	9542.8	3799.0	1809.1	821.6	520.1	429.7	376.9	354.3	361.8	369.4
40°	12874.5	10274.0	3836.7	1545.2	618.1	444.7	369.4	331.7	316.6	324.1	331.7
42.5°	13703.7	10862.0	3474.9	1198.5	520.1	376.9	316.6	286.4	278.9	294.0	294.0
45°	14374.6	11095.6	2902.0	889.5	459.8	324.1	278.9	263.8	248.7	256.3	256.3
47.5°	15075.6	11133.3	2366.9	716.1	407.0	294.0	256.3	241.2	226.1	226.1	226.1
50°	15754.0	11042.9	1809.1	633.2	376.9	263.8	233.7	218.6	203.5	196.0	196.0
52.5°	15919.8	10319.2	1326.7	587.9	346.7	248.7	218.6	203.5	188.4	180.9	180.9
55°	15460.0	8947.4	1040.2	527.6	316.6	226.1	203.5	188.4	165.8	158.3	158.3
57.5°	13944.9	6821.7	829.2	452.3	286.4	218.6	188.4	173.4	150.8	143.2	143.2
60°	11977.5	4839.3	670.9	369.4	263.8	196.0	173.4	150.8	135.7	120.6	120.6
62.5°	9799.1	3474.9	542.7	309.0	248.7	173.4	158.3	135.7	105.5	82.9	82.9
65°	7515.2	2495.0	422.1	248.7	226.1	150.8	135.7	113.1	82.9	60.3	60.3
67.5°	4861.9	1613.1	316.6	218.6	173.4	128.1	105.5	90.5	75.4	52.8	45.2
70°	2562.8	942.2	233.7	188.4	128.1	98.0	90.5	75.4	60.3	37.7	37.7
72.5°	1326.7	618.1	173.4	165.8	98.0	67.8	75.4	60.3	45.2	22.6	22.6
75°	851.8	414.6	128.1	135.7	60.3	52.8	52.8	37.7	22.6	15.1	7.5
77.5°	550.3	278.9	90.5	113.1	37.7	30.2	30.2	15.1	7.5	0.0	0.0
80°	324.1	173.4	60.3	75.4	15.1	15.1	7.5	0.0	0.0	0.0	0.0
82.5°	165.8	90.5	30.2	30.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	105.5	45.2	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	52.8	15.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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**

$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$	$\lambda$ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens $(\phi/\text{nm})$
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			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.83**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.74**

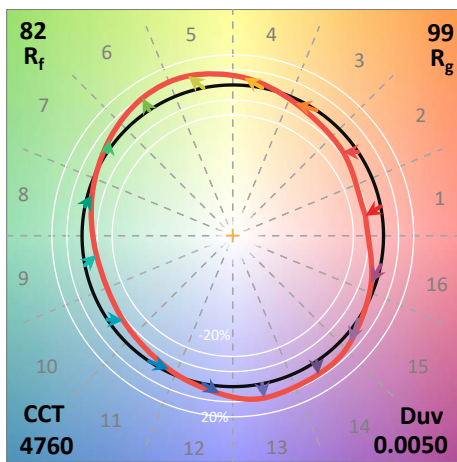
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	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)