

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: P1457890

Luminaire Tested: GLAN-SB3D-850-U-T2LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457890  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3D-850-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (78) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

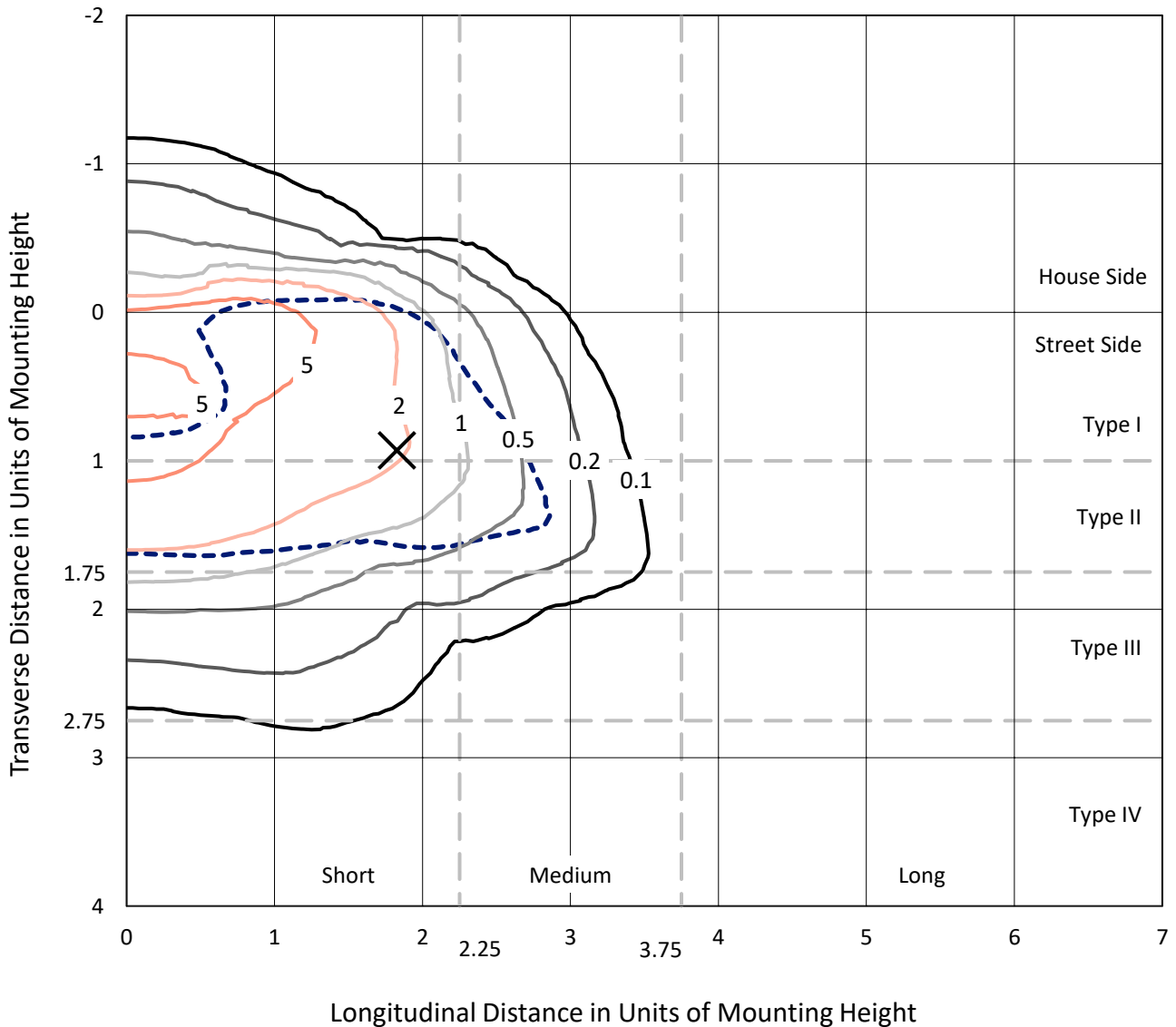
Lumens per Lamp: N/A  
Luminaire Lumens: 21151.3 lumens  
Efficiency: N/A  
Efficacy: 97.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G3

Input Watts (W): 218.1  
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

REPORT NUMBER: P1457890  
 CATALOG NUMBER: GLAN-SB3D-850-U-T2LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

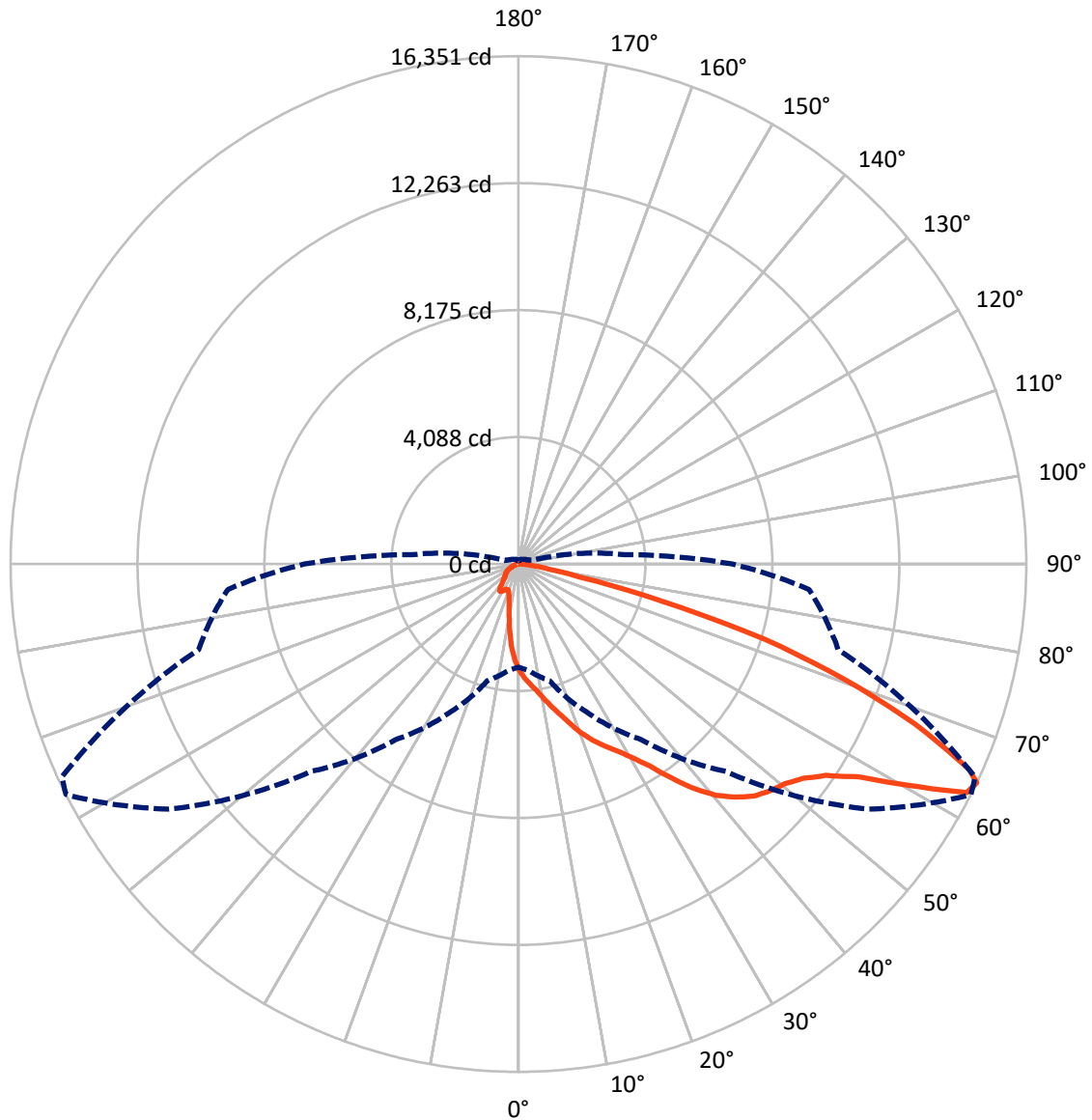
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.7 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 63-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2510.0	0.0	2510.0
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	18641.3	0.0	18641.3
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	21151.3	0.0	21151.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	288.0	1.4
10°-20°	809.3	3.8
20°-30°	1441.4	6.8
30°-40°	2753.0	13.0
40°-50°	4563.3	21.6
50°-60°	5688.1	26.9
60°-70°	4241.4	20.1
70°-80°	1216.4	5.8
80°-90°	150.4	0.7
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°	21151.3	100.0
0°-180°	21151.3	100.0



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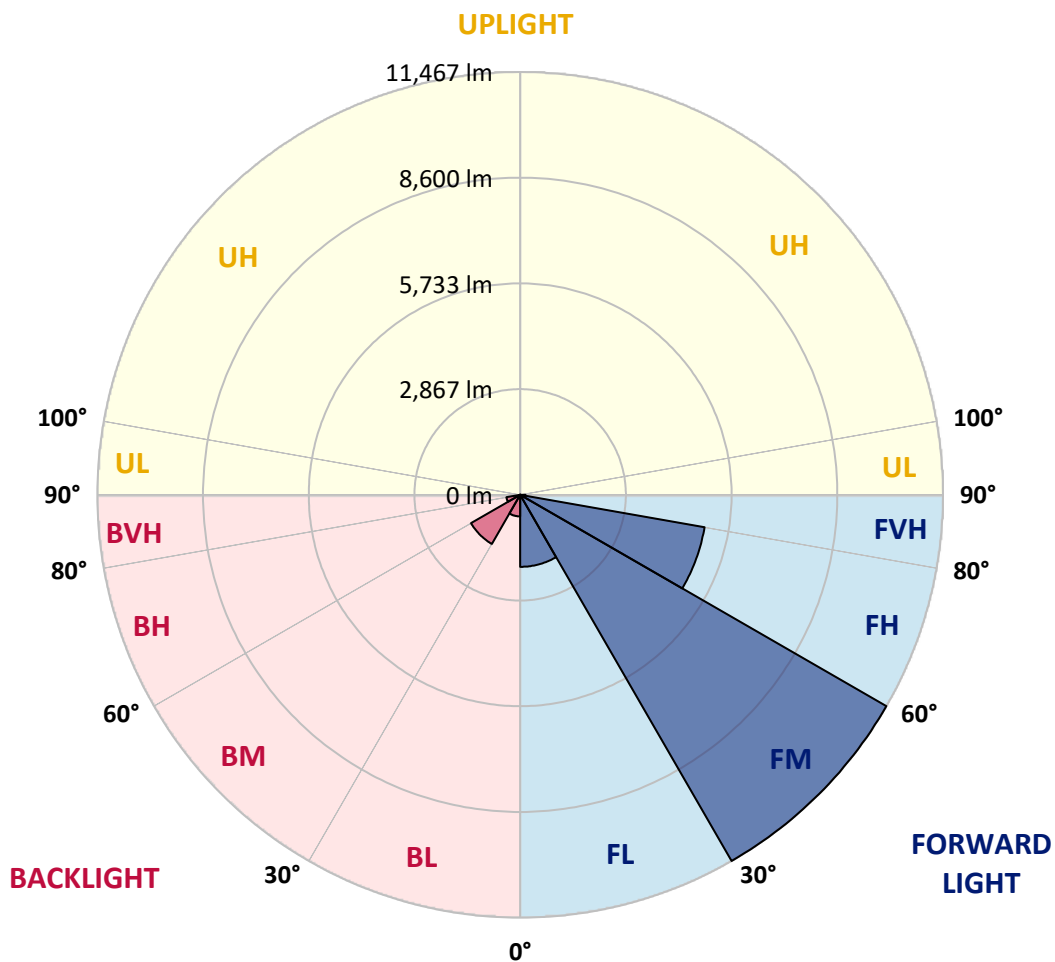
CATALOG NUMBER: GLAN-SB3D-850-U-T2LG-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1953.1	9.2			
FM (30°-60°)	11467.0	54.2			
FH (60°-80°)	5078.3	24.0			G3/7500
FVH (80°-90°)	143.0	0.7			G2/225
BL (0°-30°)	585.6	2.8	B2/1000		
BM (30°-60°)	1537.4	7.3	B2/2500		
BH (60°-80°)	379.6	1.8	B1/500		G1/500
BVH (80°-90°)	7.4	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-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9
2.5°	3832.3	3819.6	3807.0	3787.9	3762.5	3737.2	3705.4	3661.0	3642.0	3578.5	3502.4
5°	4029.0	4029.0	4022.7	4010.0	3997.3	3971.9	3933.9	3876.7	3851.4	3762.5	3629.3
7.5°	4079.8	4086.1	4105.2	4130.5	4168.6	4162.3	4162.3	4098.8	4086.1	3991.0	3813.3
10°	3991.0	3997.3	4048.1	4117.9	4232.1	4339.9	4416.1	4378.0	4359.0	4263.8	4041.7
12.5°	3864.1	3864.1	3946.5	4054.4	4232.1	4435.1	4657.2	4695.2	4701.6	4593.7	4327.2
15°	3534.1	3546.8	3680.1	3895.8	4187.6	4504.9	4879.2	5025.2	5063.2	4993.5	4676.2
17.5°	3096.3	3109.0	3242.3	3534.1	3971.9	4504.9	5069.6	5405.9	5456.6	5469.3	5120.4
20°	2912.3	2912.3	2988.5	3210.5	3667.4	4384.3	5183.8	5811.9	5926.2	6065.7	5608.9
22.5°	2937.7	2937.7	2982.1	3109.0	3477.0	4219.4	5253.6	6173.6	6408.4	6763.7	6237.1
25°	3077.3	3077.3	3115.4	3197.8	3496.1	4194.0	5386.8	6497.2	6871.5	7544.1	6954.0
27.5°	3299.4	3293.0	3324.7	3407.2	3680.1	4314.5	5608.9	6820.8	7239.6	8419.7	7778.9
30°	3622.9	3603.9	3616.6	3711.8	3978.3	4593.7	5932.5	7233.2	7658.3	9377.8	8692.5
32.5°	4371.7	4365.3	4181.3	4130.5	4416.1	5044.2	6376.6	7747.1	8223.0	10393.0	9631.6
35°	5723.1	5811.9	5551.8	4885.6	4942.7	5647.0	7011.1	8445.1	8882.9	11471.6	10653.1
37.5°	7093.6	7093.6	6985.8	6199.0	5799.3	6313.2	7696.4	9162.1	9618.9	12340.9	11636.6
40°	8178.6	8235.7	8108.8	7518.7	6998.4	7074.6	8381.6	9790.2	10209.0	12873.8	12334.5
42.5°	8984.4	8971.7	8921.0	8533.9	8242.1	8070.7	9003.4	10259.7	10659.5	13146.7	12772.3
45°	9853.7	9853.7	9783.9	9466.6	9225.5	9079.6	9466.6	10653.1	11071.9	13311.6	13045.2
47.5°	10761.0	10748.3	10678.5	10329.5	10069.4	9853.7	9936.1	10906.9	11325.7	13203.8	13089.6
50°	10983.1	10970.4	11129.0	11141.7	10906.9	10494.5	10310.5	11122.6	11490.7	13210.1	13229.2
52.5°	10722.9	10799.1	11033.8	11319.3	11585.8	11154.4	10710.2	11465.3	11846.0	13387.8	13578.1
55°	10075.7	10107.5	10557.9	11014.8	11636.6	11788.9	11351.1	12010.9	12347.2	13559.1	13889.0
57.5°	8870.2	8990.8	9473.0	10266.1	11211.5	11846.0	12467.8	12924.6	13178.4	13628.9	13717.7
60°	6693.9	6757.3	7804.3	8832.1	10329.5	11389.1	13508.3	14472.8	14441.0	12842.1	12518.5
62.5°	4073.4	4130.5	4879.2	6509.9	8394.3	10437.4	13857.3	16204.9	16033.6	11516.0	10538.9
64°	3318.4	3426.3	3889.4	5285.3	6903.3	9441.2	13755.8	16350.9	16217.6	10659.5	9390.5
65°	2836.2	2982.1	3458.0	4587.4	5869.1	8368.9	13476.6	15944.8	15856.0	10139.2	8438.7
67.5°	1782.9	1852.7	2557.0	3565.8	4041.7	5355.1	11585.8	13787.5	13946.1	9035.2	6224.4
70°	1326.1	1357.8	1757.5	2760.0	3153.4	3115.4	7956.5	11167.1	11205.1	7226.9	3756.2
72.5°	964.4	970.8	1230.9	2043.1	2468.2	2125.5	4194.0	8299.2	8026.3	4232.1	2049.4
75°	640.8	666.2	862.9	1440.3	1922.5	1560.9	1909.8	4727.0	4644.5	2068.4	1173.8
77.5°	469.5	475.9	583.7	964.4	1510.1	1148.4	1154.8	2036.7	2100.2	1230.9	742.4
80°	266.5	279.2	380.7	590.1	983.5	786.8	647.2	983.5	1129.4	837.5	494.9
82.5°	158.6	171.3	272.8	387.0	672.6	323.6	329.9	539.3	672.6	602.8	266.5
85°	95.2	101.5	171.3	209.4	399.7	215.7	120.6	266.5	349.0	355.3	145.9
87.5°	63.4	63.4	95.2	88.8	114.2	101.5	50.8	69.8	88.8	120.6	57.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1457890

CATALOG NUMBER: GLAN-SB3D-850-U-T2LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9	3419.9
2.5°	3438.9	3400.9	3286.7	3134.4	2994.8	2886.9	2753.7	2664.9	2582.4	2582.4	2512.6
5°	3521.4	3419.9	3140.7	2791.8	2417.4	2062.1	1833.7	1579.9	1497.4	1427.6	1440.3
7.5°	3661.0	3477.0	2982.1	2354.0	1757.5	1376.8	1123.1	1008.8	958.1	926.4	932.7
10°	3832.3	3578.5	2791.8	1909.8	1294.4	1008.8	888.3	843.9	824.8	818.5	818.5
12.5°	4067.1	3699.1	2601.4	1535.5	1021.5	869.3	805.8	780.4	761.4	748.7	748.7
15°	4346.3	3851.4	2379.3	1262.6	894.6	799.5	748.7	723.3	697.9	691.6	691.6
17.5°	4701.6	4010.0	2182.7	1085.0	831.2	748.7	697.9	666.2	647.2	640.8	640.8
20°	5095.0	4206.7	1986.0	983.5	786.8	697.9	647.2	621.8	602.8	590.1	596.4
22.5°	5596.2	4454.1	1859.1	932.7	748.7	653.5	602.8	577.4	558.4	545.7	552.0
25°	6148.2	4765.0	1789.3	932.7	723.3	621.8	564.7	539.3	520.3	507.6	507.6
27.5°	6820.8	5114.0	1795.6	970.8	717.0	596.4	533.0	507.6	488.6	469.5	469.5
30°	7563.1	5526.4	1865.4	1040.6	729.7	571.0	507.6	469.5	456.8	437.8	437.8
32.5°	8349.9	6002.3	2043.1	1129.4	717.0	539.3	469.5	437.8	418.8	406.1	406.1
35°	9181.1	6541.6	2265.1	1167.5	653.5	494.9	437.8	406.1	393.4	387.0	380.7
37.5°	9974.2	7011.1	2385.7	1091.3	571.0	456.8	399.7	368.0	361.7	349.0	349.0
40°	10589.7	7398.2	2315.9	932.7	526.6	418.8	368.0	336.3	323.6	310.9	310.9
42.5°	10951.3	7537.8	2062.1	793.1	494.9	380.7	336.3	304.6	291.9	285.5	285.5
45°	11160.7	7518.7	1763.9	710.6	463.2	349.0	304.6	285.5	266.5	260.1	253.8
47.5°	11154.4	7322.0	1548.2	640.8	431.5	323.6	285.5	266.5	247.5	241.1	241.1
50°	11110.0	7030.2	1307.1	590.1	406.1	304.6	266.5	253.8	234.8	228.4	222.1
52.5°	11217.8	6865.2	1091.3	558.4	374.4	291.9	260.1	241.1	215.7	209.4	209.4
55°	11351.1	6770.0	875.6	526.6	349.0	285.5	247.5	228.4	203.0	196.7	196.7
57.5°	10964.0	6408.4	723.3	475.9	317.2	272.8	234.8	222.1	196.7	177.7	177.7
60°	9745.8	5298.0	596.4	418.8	291.9	253.8	222.1	203.0	177.7	152.3	152.3
62.5°	7924.8	4041.7	494.9	355.3	272.8	234.8	203.0	184.0	152.3	120.6	120.6
64°	6884.2	3432.6	444.1	310.9	260.1	215.7	184.0	165.0	133.2	101.5	95.2
65°	6173.6	3032.9	412.4	291.9	253.8	203.0	177.7	158.6	120.6	95.2	88.8
67.5°	4346.3	2036.7	329.9	241.1	222.1	171.3	152.3	133.2	107.9	82.5	76.1
70°	2531.6	1154.8	260.1	203.0	171.3	133.2	126.9	120.6	95.2	63.4	63.4
72.5°	1376.8	577.4	196.7	165.0	133.2	95.2	107.9	95.2	76.1	50.8	44.4
75°	843.9	355.3	145.9	120.6	88.8	69.8	82.5	69.8	44.4	31.7	25.4
77.5°	564.7	228.4	107.9	82.5	57.1	44.4	57.1	38.1	19.0	6.3	6.3
80°	349.0	158.6	69.8	50.8	31.7	19.0	12.7	6.3	6.3	0.0	0.0
82.5°	152.3	101.5	38.1	25.4	12.7	6.3	6.3	0.0	0.0	0.0	0.0
85°	82.5	31.7	12.7	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.4	12.7	6.3	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**

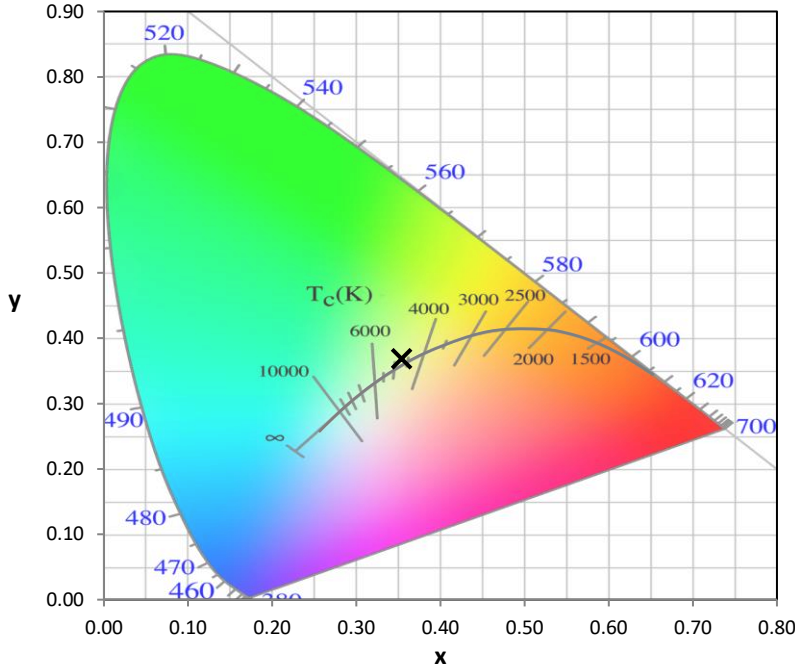
Stabilization Time: 21M  
 Operation Time: 1H 21M  
 Sphere Temperature (°C): 25.2

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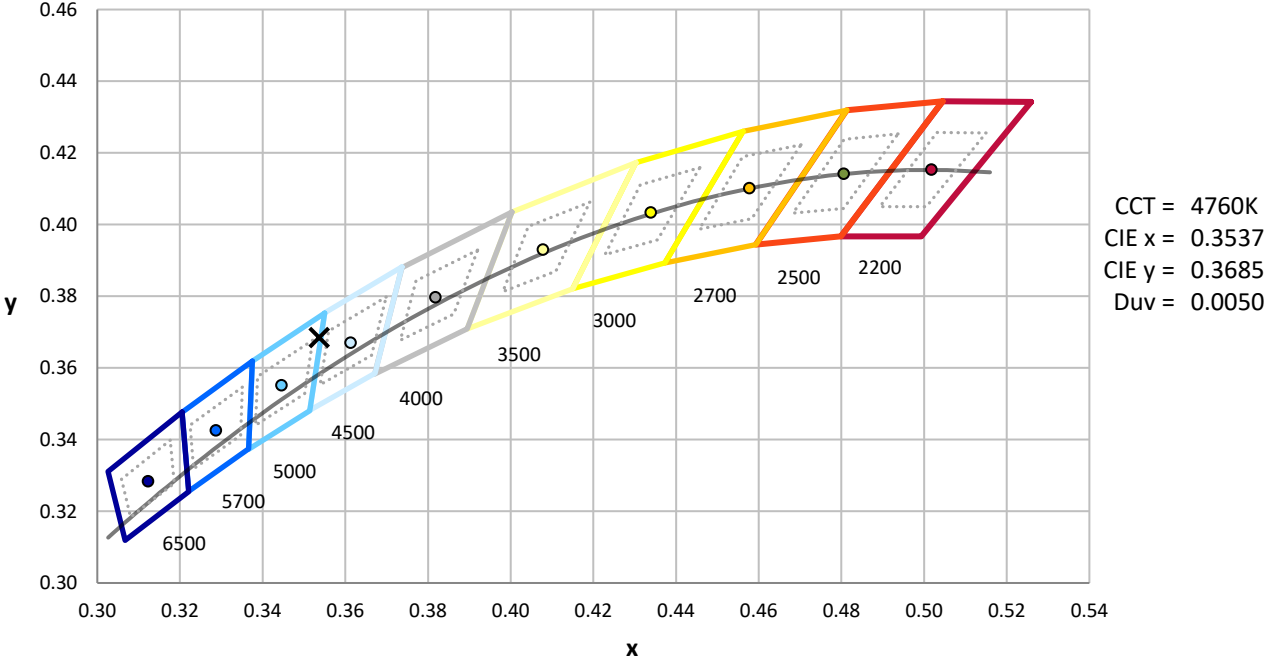
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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**



CCT = 4760K  
 CIE x = 0.3537  
 CIE y = 0.3685  
 Duv = 0.0050

Point lies inside the ANSI 5000K 7-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	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**

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

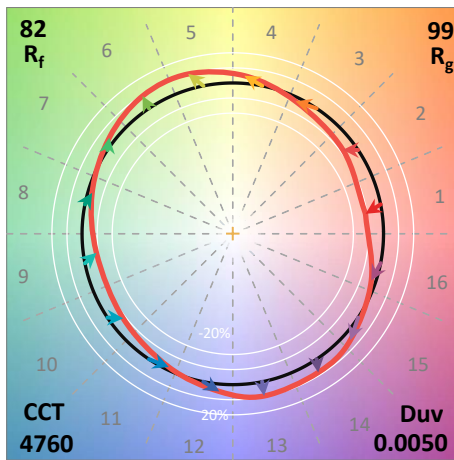
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625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