

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Cooper Lighting Solutions Photometric Lab
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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: P1459007

Luminaire Tested: GLAN-SB4A-840-U-T4LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1459007
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4A-840-U-T4LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (104) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

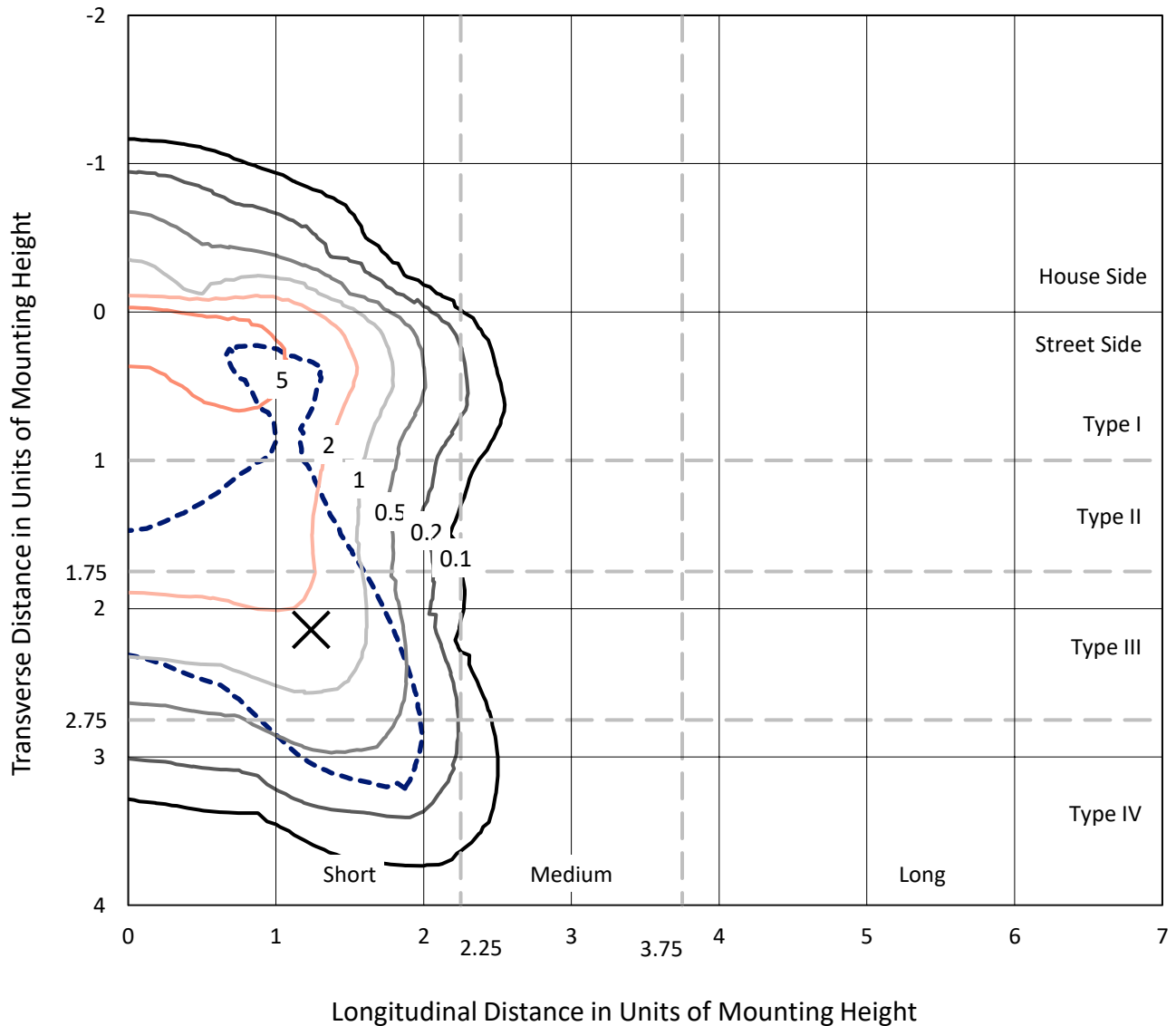
Lumens per Lamp: N/A
Luminaire Lumens: 12468 lumens
Efficiency: N/A
Efficacy: 109.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 114
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: P1459007
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Iso-Footcandle Lines of Horizontal Illumination

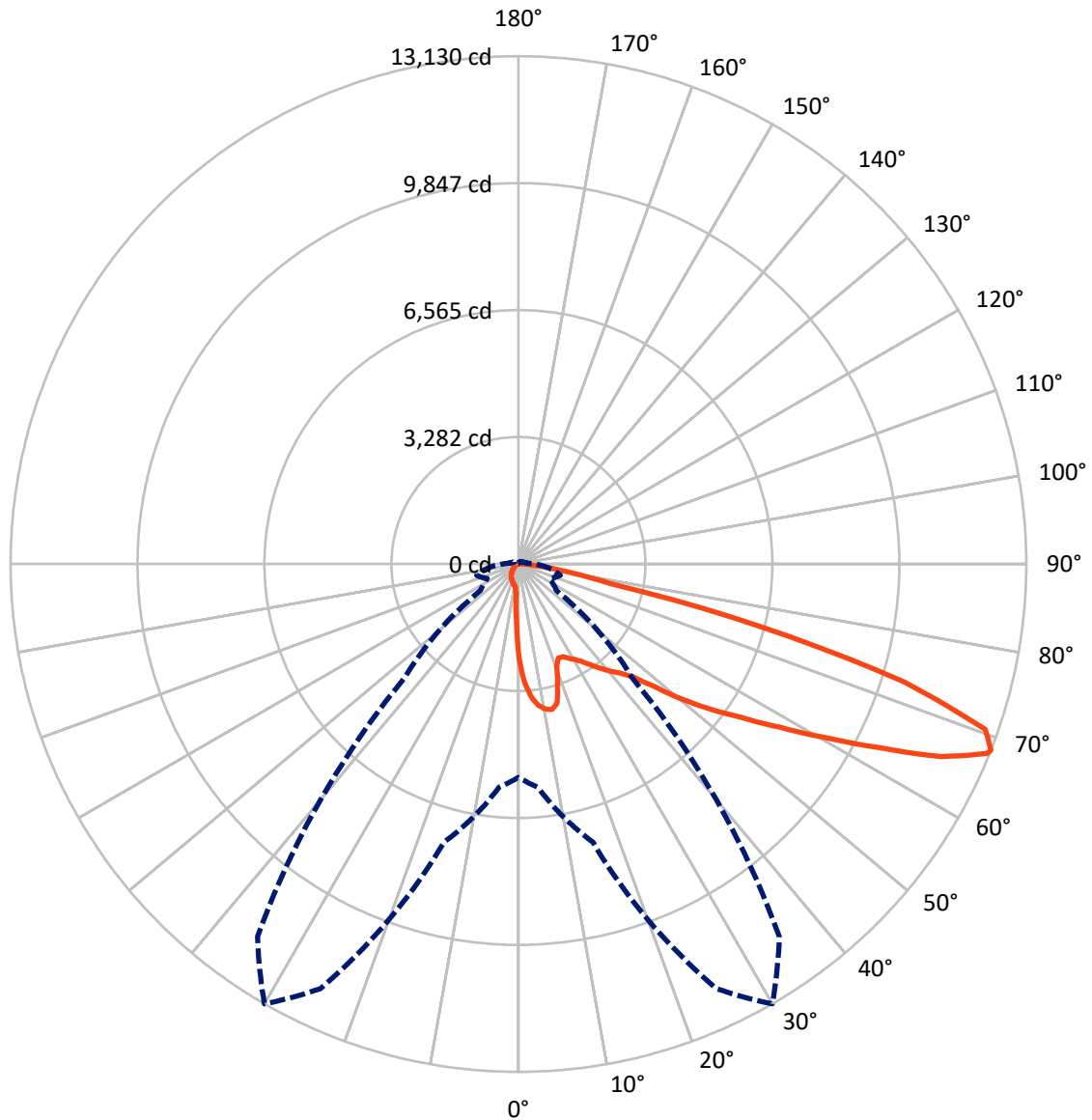
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P1459007
CATALOG NUMBER: GLAN-SB4A-840-U-T4LG-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

REPORT NUMBER: P1459007

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	951.6	0.0	951.6
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	11516.4	0.0	11516.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	12468.0	0.0	12468.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.1	1.7
10°-20°	605.7	4.9
20°-30°	951.8	7.6
30°-40°	1492.8	12.0
40°-50°	2231.3	17.9
50°-60°	2968.3	23.8
60°-70°	2869.4	23.0
70°-80°	1031.5	8.3
80°-90°	105.3	0.8
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°	12468.0	100.0
0°-180°	12468.0	100.0



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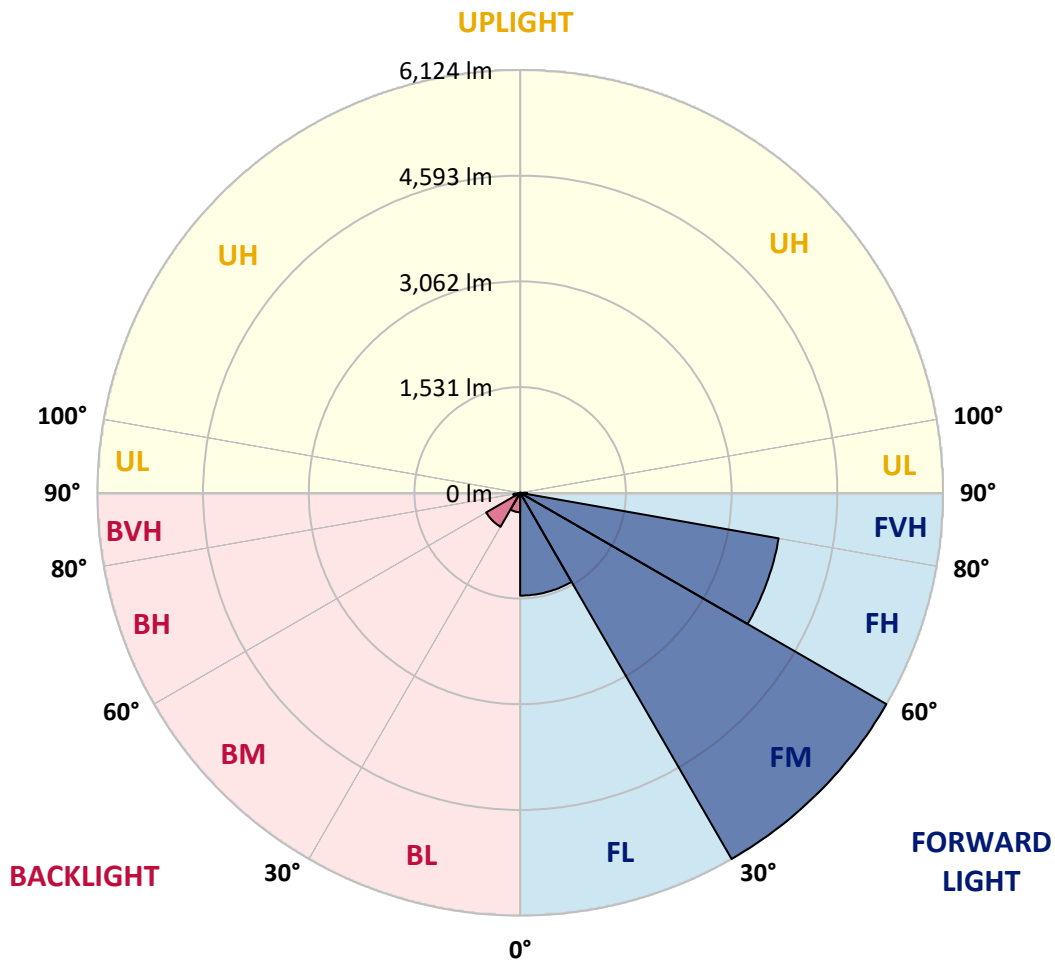
CATALOG NUMBER: GLAN-SB4A-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1488.7	11.9			
FM (30°-60°)	6124.3	49.1			
FH (60°-80°)	3801.9	30.5			G2/5000
FVH (80°-90°)	101.5	0.8			G2/225
BL (0°-30°)	280.9	2.3	B1/500		
BM (30°-60°)	568.0	4.6	B1/1000		
BH (60°-80°)	99.0	0.8	B0/110		G0/110
BVH (80°-90°)	3.7	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6
2.5°	3142.3	3142.3	3119.9	3090.0	3056.4	3045.2	2981.6	2892.0	2798.6	2690.2	2533.3
5°	3545.8	3542.1	3497.3	3497.3	3452.4	3411.3	3347.8	3217.0	3067.6	2873.3	2600.5
7.5°	3725.2	3732.7	3714.0	3714.0	3687.8	3657.9	3620.6	3493.5	3317.9	3056.4	2667.8
10°	3788.7	3792.4	3792.4	3818.6	3811.1	3807.4	3803.7	3732.7	3549.6	3243.2	2738.8
12.5°	3635.5	3654.2	3706.5	3822.3	3859.7	3900.8	3956.8	3934.4	3807.4	3478.6	2847.1
15°	3142.3	3146.0	3291.8	3579.5	3732.7	3889.6	4106.3	4151.1	4068.9	3732.7	2959.2
17.5°	2593.1	2604.3	2720.1	3041.4	3288.0	3650.5	4192.2	4375.3	4345.4	3983.0	3063.8
20°	2365.1	2380.1	2436.1	2637.9	2824.7	3161.0	4106.3	4588.3	4599.5	4233.3	3161.0
22.5°	2312.8	2324.0	2368.9	2525.8	2641.6	2865.8	3814.9	4756.4	4887.2	4521.0	3276.8
25°	2297.9	2309.1	2376.4	2548.2	2656.6	2843.4	3549.6	4846.1	5227.2	4820.0	3388.9
27.5°	2286.7	2301.6	2410.0	2630.4	2757.5	2936.8	3501.0	4864.8	5552.3	5137.5	3572.0
30°	2301.6	2324.0	2466.0	2716.4	2862.1	3063.8	3616.8	4883.5	5911.0	5500.0	3803.7
32.5°	2361.4	2380.1	2552.0	2832.2	3000.3	3228.2	3814.9	4995.6	6251.0	5869.9	4024.1
35°	2428.7	2454.8	2660.3	2996.6	3198.4	3456.2	4083.9	5216.0	6576.1	6221.1	4252.0
37.5°	2510.9	2540.8	2787.4	3183.4	3415.1	3706.5	4375.3	5522.4	6863.8	6508.8	4479.9
40°	2623.0	2656.6	2933.1	3381.4	3631.8	3923.2	4663.0	5825.0	7084.2	6680.7	4629.4
42.5°	3063.8	3108.7	3224.5	3575.7	3856.0	4154.9	4947.0	6112.7	7166.4	6736.7	4659.3
45°	3885.9	3930.7	3900.8	3968.1	4154.9	4435.1	5257.1	6389.2	7177.6	6721.8	4644.3
47.5°	4711.6	4763.9	4737.8	4700.4	4741.5	4876.0	5604.6	6564.9	7117.8	6714.3	4644.3
50°	5500.0	5470.1	5473.8	5462.6	5500.0	5571.0	5940.9	6598.5	7102.9	6785.3	4685.4
52.5°	5922.2	5937.1	6030.5	6168.8	6251.0	6322.0	6325.7	6650.8	6994.5	6665.7	4636.9
55°	6336.9	6366.8	6583.5	6818.9	7002.0	7136.5	6710.6	6617.2	6348.1	6265.9	4382.8
57.5°	6804.0	6845.1	7151.5	7637.2	7958.5	8029.5	7091.7	5989.4	5372.9	5694.3	3889.6
60°	7446.6	7495.2	7902.5	8631.1	9109.3	8963.6	7121.6	4991.8	4267.0	4726.5	3209.6
62.5°	7951.1	8048.2	8784.3	9920.1	10447.0	9983.7	6564.9	3826.1	2981.6	3321.7	2342.7
65°	7413.0	7599.8	8799.2	11396.0	12005.1	11183.0	5690.5	2611.7	1681.4	2148.4	1498.3
67.5°	5993.2	6254.7	7812.8	12113.4	13073.7	11814.5	4479.9	1386.2	964.0	1248.0	788.4
68°	5514.9	5798.9	7450.4	12113.4	13129.7	11758.4	4158.6	1199.4	889.3	1120.9	683.8
70°	3811.1	4012.9	5727.9	11433.4	12800.9	10719.7	2738.8	687.5	668.8	769.7	452.1
72.5°	1868.2	2084.9	3063.8	9060.8	10428.3	8238.8	1248.0	455.8	508.2	564.2	355.0
75°	743.5	788.4	1206.9	4468.7	6516.3	5257.1	653.9	343.7	437.2	440.9	280.2
77.5°	425.9	452.1	668.8	1644.0	2443.6	2350.2	422.2	246.6	347.5	317.6	183.1
80°	239.1	242.9	377.4	866.8	1397.4	1251.7	287.7	179.3	265.3	224.2	123.3
82.5°	119.6	134.5	239.1	478.3	777.2	795.9	153.2	127.0	213.0	160.7	100.9
85°	85.9	93.4	171.9	265.3	358.7	538.0	93.4	63.5	160.7	108.4	71.0
87.5°	44.8	56.0	108.4	130.8	145.7	183.1	44.8	29.9	89.7	63.5	37.4
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: P1459007

CATALOG NUMBER: GLAN-SB4A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6
2.5°	2458.6	2372.6	2197.0	1991.5	1830.8	1666.4	1531.9	1404.9	1345.1	1337.6	1352.6
5°	2447.3	2260.5	1860.7	1468.4	1147.1	922.9	799.6	736.1	702.4	687.5	691.2
7.5°	2424.9	2141.0	1502.0	993.9	743.5	646.4	616.5	605.3	601.6	601.6	601.6
10°	2402.5	1980.3	1150.8	728.6	609.0	582.9	575.4	575.4	571.7	571.7	575.4
12.5°	2391.3	1830.8	893.0	609.0	567.9	556.7	549.3	545.5	545.5	545.5	549.3
15°	2365.1	1666.4	721.1	564.2	541.8	526.8	523.1	519.4	519.4	519.4	519.4
17.5°	2342.7	1505.8	627.7	534.3	515.6	500.7	496.9	493.2	493.2	496.9	496.9
20°	2309.1	1352.6	564.2	504.4	489.5	474.5	470.8	467.0	470.8	470.8	470.8
22.5°	2268.0	1225.5	526.8	482.0	463.3	448.4	448.4	448.4	448.4	448.4	452.1
25°	2241.8	1135.9	500.7	455.8	437.2	425.9	422.2	422.2	429.7	429.7	433.4
27.5°	2282.9	1113.4	504.4	448.4	414.7	403.5	399.8	399.8	407.3	411.0	414.7
30°	2406.2	1154.5	549.3	470.8	399.8	381.1	377.4	377.4	388.6	392.3	396.1
32.5°	2548.2	1240.5	616.5	500.7	388.6	358.7	351.2	351.2	362.4	366.2	369.9
35°	2742.5	1375.0	706.2	526.8	396.1	336.3	321.3	321.3	328.8	336.3	340.0
37.5°	2992.9	1595.4	810.8	545.5	396.1	310.1	291.4	287.7	295.2	295.2	298.9
40°	3254.4	1883.1	919.2	545.5	377.4	284.0	265.3	254.1	257.8	254.1	257.8
42.5°	3400.1	2114.8	1012.6	511.9	355.0	257.8	239.1	224.2	220.4	213.0	216.7
45°	3482.3	2219.4	986.4	474.5	332.5	239.1	216.7	198.0	190.6	179.3	179.3
47.5°	3482.3	2230.6	844.4	444.6	310.1	224.2	194.3	175.6	164.4	153.2	156.9
50°	3441.2	2129.7	668.8	414.7	284.0	209.2	175.6	160.7	145.7	138.2	138.2
52.5°	3269.3	1800.9	511.9	377.4	254.1	190.6	156.9	142.0	127.0	123.3	123.3
55°	2974.2	1322.7	414.7	340.0	227.9	175.6	142.0	130.8	115.8	108.4	108.4
57.5°	2417.5	904.2	343.7	306.4	201.8	156.9	127.0	115.8	97.1	89.7	89.7
60°	1793.5	590.4	291.4	269.0	171.9	142.0	112.1	97.1	82.2	74.7	71.0
62.5°	1210.6	399.8	242.9	213.0	145.7	123.3	97.1	82.2	63.5	48.6	48.6
65°	754.8	310.1	201.8	168.1	127.0	108.4	82.2	63.5	44.8	33.6	29.9
67.5°	433.4	250.3	164.4	130.8	108.4	85.9	63.5	52.3	37.4	26.2	22.4
68°	399.8	239.1	153.2	123.3	100.9	82.2	59.8	48.6	33.6	22.4	22.4
70°	325.1	213.0	130.8	100.9	85.9	67.3	52.3	41.1	26.2	14.9	14.9
72.5°	287.7	179.3	112.1	78.5	59.8	56.0	41.1	29.9	18.7	11.2	7.5
75°	235.4	142.0	89.7	59.8	41.1	41.1	29.9	18.7	7.5	0.0	0.0
77.5°	153.2	104.6	71.0	37.4	22.4	26.2	18.7	7.5	0.0	0.0	0.0
80°	100.9	78.5	48.6	18.7	11.2	11.2	3.7	0.0	0.0	0.0	0.0
82.5°	71.0	52.3	29.9	7.5	3.7	3.7	0.0	0.0	0.0	0.0	0.0
85°	44.8	22.4	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.7	7.5	3.7	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u': 0.2249
 CIE v': 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 Rf: 81.8
 Rg: 98.6

CRI (Ra):	80.2		
R1:	78.9	R9:	6.7
R2:	83.5	R10:	61.9
R3:	88.3	R11:	81.9
R4:	82.1	R12:	58.9
R5:	78.8	R13:	79.2
R6:	78.4	R14:	93.2
R7:	85.8	R15:	71.9
R8:	65.8		



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

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 = 3897K
 CIE x = 0.3882
 CIE y = 0.3900
 Duv = 0.0039

Point lies inside the ANSI 4000K 4-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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

Summary

$R_f = 81.8$
 $R_g = 98.6$
 CIE $R_a = 80.2$
 $R_9 = 6.7$



Color Vector Graphics

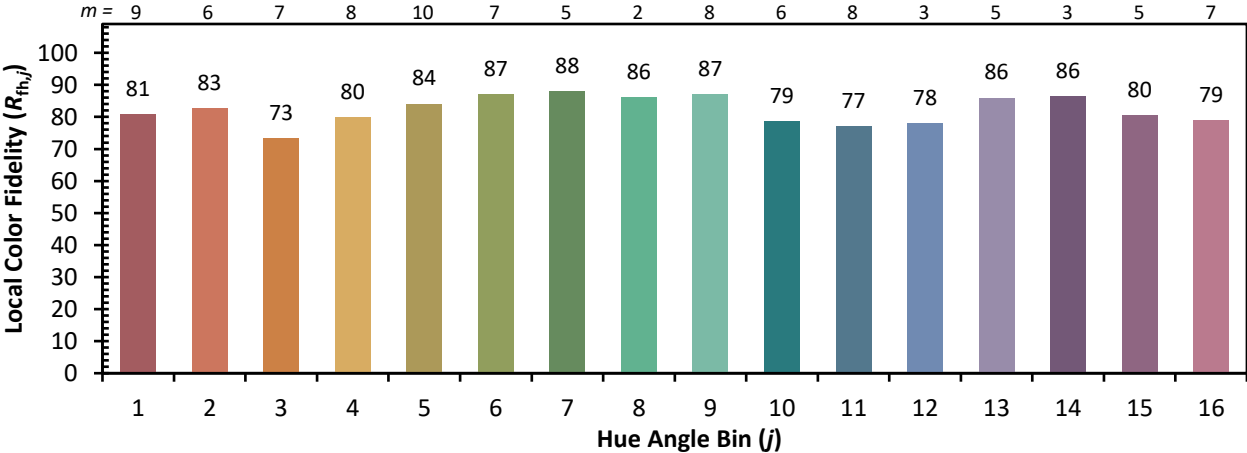


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)