

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: P1457856

Luminaire Tested: GLAN-SB4B-840-U-T2LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457856
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4B-840-U-T2LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (104) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

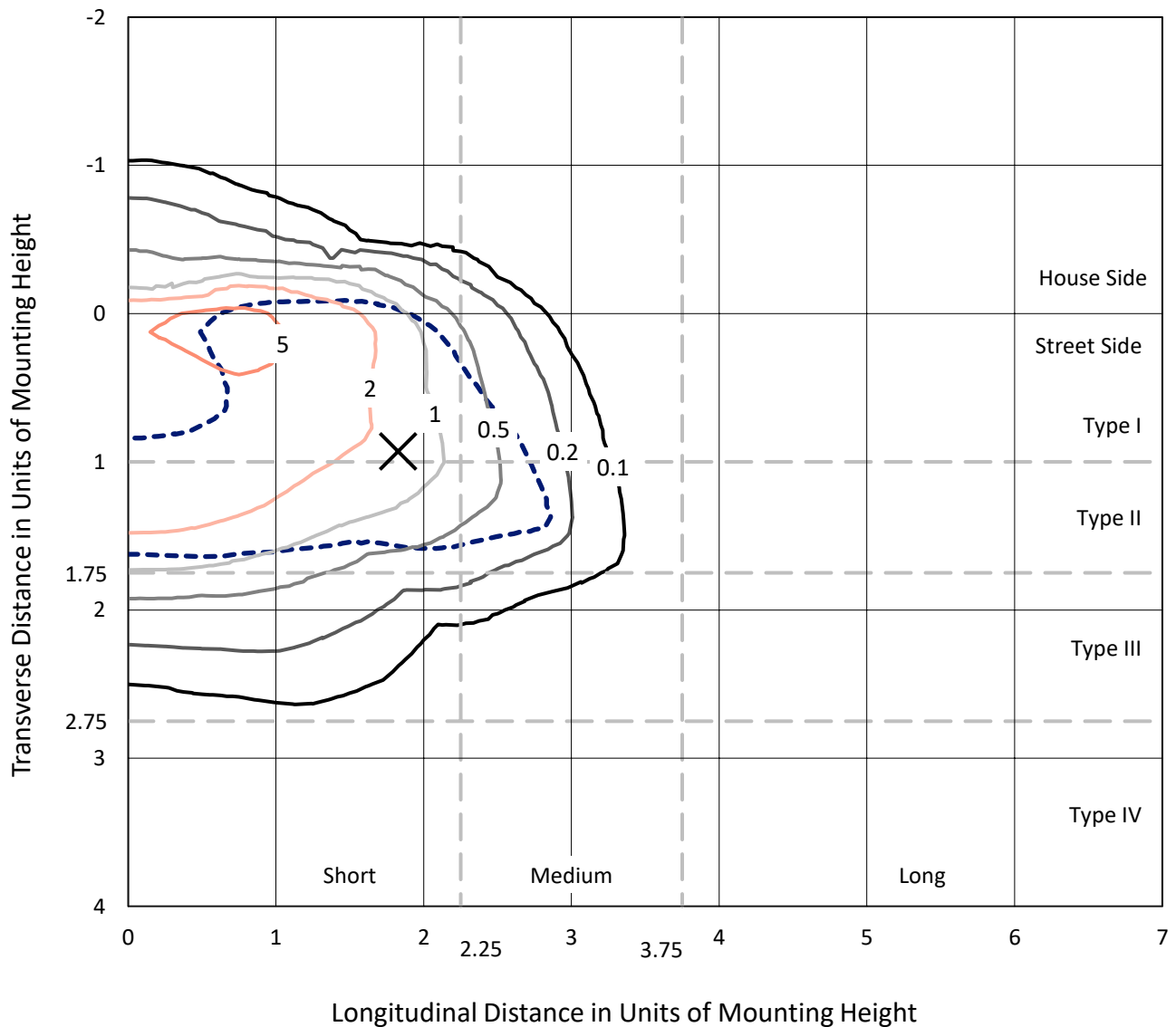
Lumens per Lamp: N/A
Luminaire Lumens: 15634.4 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

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

REPORT NUMBER: P1457856
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Iso-Footcandle Lines of Horizontal Illumination

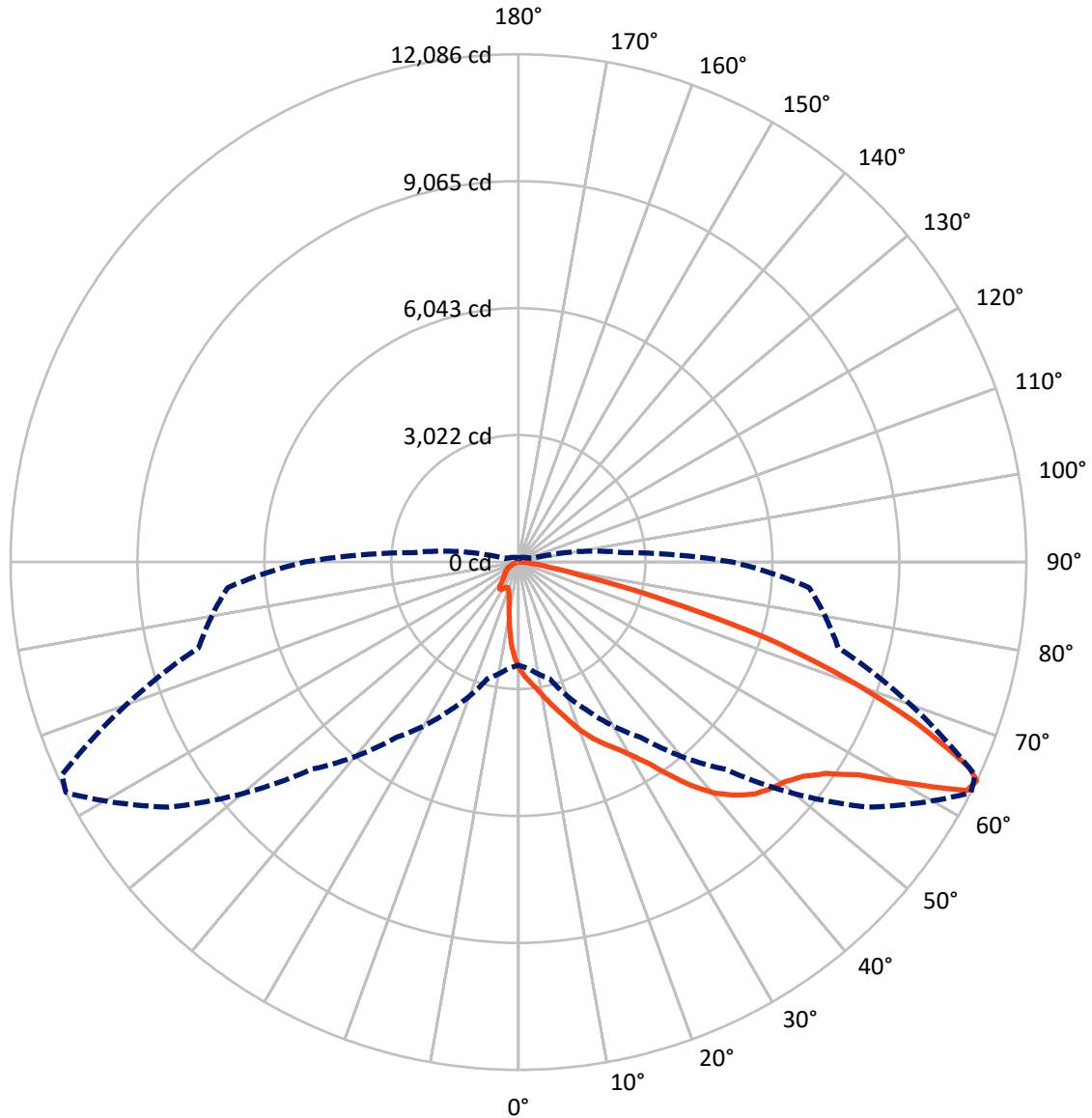
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SB4B-840-U-T2LG-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1457856

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1855.3	0.0	1855.3
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	13779.1	0.0	13779.1
	% Fixture	88.1	0.0	88.1
Total	Lumens	15634.4	0.0	15634.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.9	1.4
10°-20°	598.2	3.8
20°-30°	1065.4	6.8
30°-40°	2034.9	13.0
40°-50°	3373.0	21.6
50°-60°	4204.5	26.9
60°-70°	3135.1	20.1
70°-80°	899.2	5.8
80°-90°	111.2	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°	15634.4	100.0
0°-180°	15634.4	100.0



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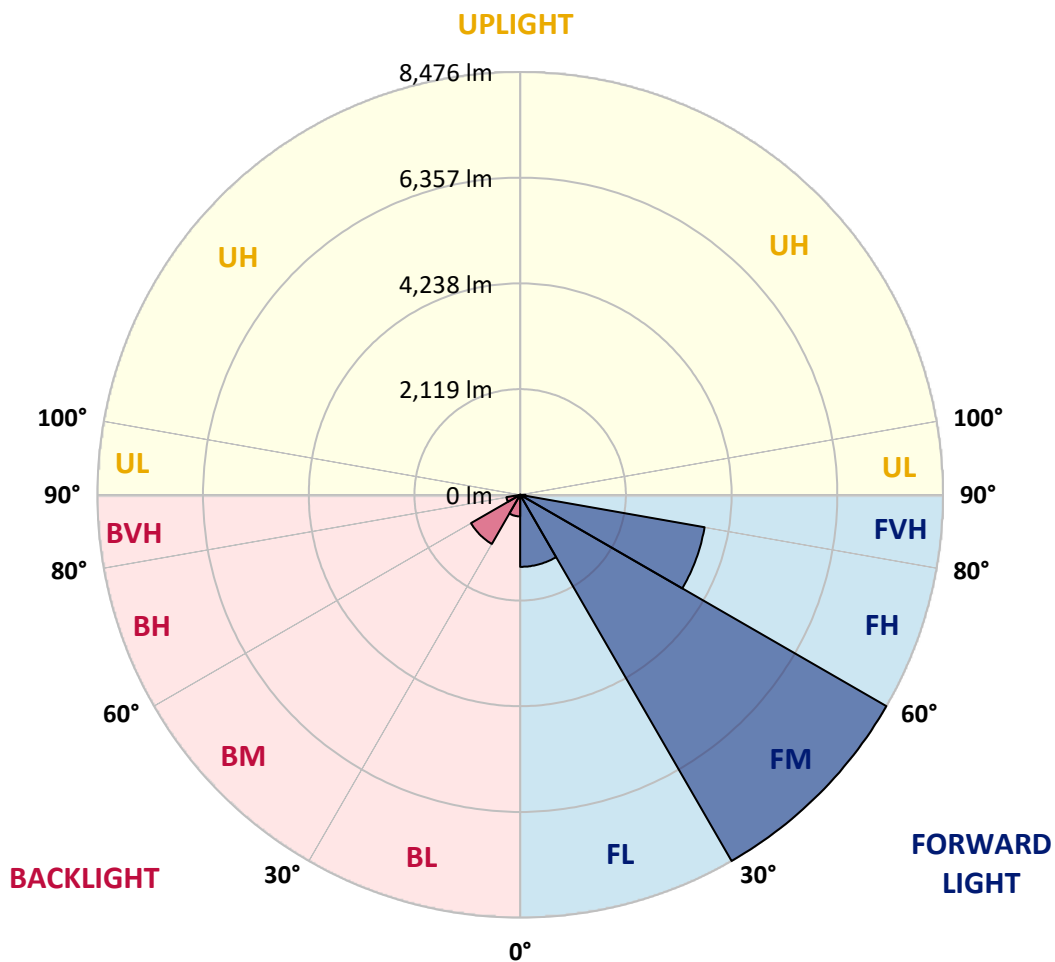
CATALOG NUMBER: GLAN-SB4B-840-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1443.6	9.2			
FM	(30°-60°)	8476.1	54.2			
FH	(60°-80°)	3753.7	24.0			G2/5000
FVH	(80°-90°)	105.7	0.7			G2/225
BL	(0°-30°)	432.8	2.8	B1/500		
BM	(30°-60°)	1136.4	7.3	B2/2500		
BH	(60°-80°)	280.6	1.8	B1/500		G1/500
BVH	(80°-90°)	5.5	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-G2

Type II Short





REPORT NUMBER: P1457856

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9
2.5°	2832.8	2823.4	2814.0	2799.9	2781.2	2762.4	2739.0	2706.1	2692.1	2645.2	2588.9
5°	2978.1	2978.1	2973.5	2964.1	2954.7	2935.9	2907.8	2865.6	2846.8	2781.2	2682.7
7.5°	3015.7	3020.4	3034.4	3053.2	3081.3	3076.6	3076.6	3029.7	3020.4	2950.0	2818.7
10°	2950.0	2954.7	2992.2	3043.8	3128.2	3208.0	3264.2	3236.1	3222.0	3151.7	2987.5
12.5°	2856.2	2856.2	2917.2	2996.9	3128.2	3278.3	3442.5	3470.6	3475.3	3395.6	3198.6
15°	2612.3	2621.7	2720.2	2879.7	3095.4	3329.9	3606.6	3714.5	3742.6	3691.0	3456.5
17.5°	2288.7	2298.1	2396.6	2612.3	2935.9	3329.9	3747.3	3995.9	4033.4	4042.8	3784.8
20°	2152.7	2152.7	2209.0	2373.1	2710.8	3240.8	3831.7	4296.0	4380.5	4483.6	4146.0
22.5°	2171.5	2171.5	2204.3	2298.1	2570.1	3118.8	3883.3	4563.4	4736.9	4999.5	4610.3
25°	2274.6	2274.6	2302.8	2363.8	2584.2	3100.1	3981.8	4802.6	5079.3	5576.4	5140.2
27.5°	2438.8	2434.1	2457.6	2518.5	2720.2	3189.2	4146.0	5041.7	5351.3	6223.6	5749.9
30°	2678.0	2663.9	2673.3	2743.6	2940.6	3395.6	4385.1	5346.6	5660.8	6931.8	6425.3
32.5°	3231.4	3226.7	3090.7	3053.2	3264.2	3728.5	4713.4	5726.5	6078.2	7682.2	7119.4
35°	4230.4	4296.0	4103.7	3611.3	3653.5	4174.1	5182.4	6242.4	6566.0	8479.5	7874.5
37.5°	5243.4	5243.4	5163.7	4582.1	4286.7	4666.5	5689.0	6772.4	7110.0	9122.0	8601.4
40°	6045.4	6087.6	5993.8	5557.6	5173.1	5229.3	6195.5	7236.7	7546.2	9516.0	9117.3
42.5°	6641.0	6631.7	6594.1	6308.0	6092.3	5965.7	6655.1	7583.7	7879.2	9717.7	9441.0
45°	7283.6	7283.6	7232.0	6997.5	6819.3	6711.4	6997.5	7874.5	8184.0	9839.6	9642.6
47.5°	7954.2	7944.8	7893.3	7635.3	7443.0	7283.6	7344.5	8062.1	8371.6	9759.9	9675.5
50°	8118.4	8109.0	8226.2	8235.6	8062.1	7757.2	7621.2	8221.6	8493.6	9764.6	9778.6
52.5°	7926.1	7982.4	8155.9	8366.9	8563.9	8245.0	7916.7	8474.8	8756.2	9895.9	10036.6
55°	7447.7	7471.2	7804.1	8141.8	8601.4	8714.0	8390.4	8878.2	9126.7	10022.5	10266.4
57.5°	6556.6	6645.7	7002.2	7588.4	8287.2	8756.2	9215.8	9553.5	9741.1	10074.1	10139.8
60°	4947.9	4994.8	5768.7	6528.5	7635.3	8418.5	9985.0	10697.9	10674.4	9492.5	9253.4
62.5°	3011.0	3053.2	3606.6	4811.9	6204.9	7715.0	10242.9	11978.2	11851.6	8512.3	7790.1
64°	2452.9	2532.6	2875.0	3906.8	5102.7	6978.7	10167.9	12086.1	11987.6	7879.2	6941.2
65°	2096.4	2204.3	2556.0	3390.9	4338.2	6186.1	9961.5	11786.0	11720.3	7494.6	6237.7
67.5°	1317.9	1369.5	1890.1	2635.8	2987.5	3958.4	8563.9	10191.4	10308.6	6678.6	4600.9
70°	980.2	1003.7	1299.1	2040.1	2330.9	2302.8	5881.3	8254.4	8282.5	5341.9	2776.5
72.5°	712.9	717.6	909.9	1510.2	1824.4	1571.1	3100.1	6134.5	5932.8	3128.2	1514.9
75°	473.7	492.4	637.8	1064.6	1421.1	1153.7	1411.7	3494.0	3433.1	1528.9	867.6
77.5°	347.1	351.7	431.5	712.9	1116.2	848.9	853.6	1505.5	1552.4	909.9	548.7
80°	197.0	206.4	281.4	436.2	726.9	581.6	478.4	726.9	834.8	619.1	365.8
82.5°	117.2	126.6	201.7	286.1	497.1	239.2	243.9	398.6	497.1	445.5	197.0
85°	70.3	75.0	126.6	154.8	295.5	159.5	89.1	197.0	257.9	262.6	107.9
87.5°	46.9	46.9	70.3	65.7	84.4	75.0	37.5	51.6	65.7	89.1	42.2
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: P1457856

CATALOG NUMBER: GLAN-SB4B-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9	2527.9
2.5°	2542.0	2513.8	2429.4	2316.9	2213.7	2133.9	2035.5	1969.8	1908.8	1908.8	1857.2
5°	2602.9	2527.9	2321.5	2063.6	1786.9	1524.2	1355.4	1167.8	1106.8	1055.2	1064.6
7.5°	2706.1	2570.1	2204.3	1740.0	1299.1	1017.7	830.1	745.7	708.2	684.7	689.4
10°	2832.8	2645.2	2063.6	1411.7	956.8	745.7	656.6	623.8	609.7	605.0	605.0
12.5°	3006.3	2734.3	1922.9	1135.0	755.1	642.5	595.6	576.9	562.8	553.4	553.4
15°	3212.6	2846.8	1758.7	933.3	661.3	590.9	553.4	534.7	515.9	511.2	511.2
17.5°	3475.3	2964.1	1613.4	802.0	614.4	553.4	515.9	492.4	478.4	473.7	473.7
20°	3766.1	3109.5	1468.0	726.9	581.6	515.9	478.4	459.6	445.5	436.2	440.9
22.5°	4136.6	3292.4	1374.2	689.4	553.4	483.1	445.5	426.8	412.7	403.3	408.0
25°	4544.6	3522.2	1322.6	689.4	534.7	459.6	417.4	398.6	384.6	375.2	375.2
27.5°	5041.7	3780.1	1327.3	717.6	530.0	440.9	394.0	375.2	361.1	347.1	347.1
30°	5590.5	4085.0	1378.9	769.2	539.3	422.1	375.2	347.1	337.7	323.6	323.6
32.5°	6172.0	4436.7	1510.2	834.8	530.0	398.6	347.1	323.6	309.5	300.2	300.2
35°	6786.4	4835.4	1674.3	863.0	483.1	365.8	323.6	300.2	290.8	286.1	281.4
37.5°	7372.7	5182.4	1763.4	806.7	422.1	337.7	295.5	272.0	267.3	257.9	257.9
40°	7827.6	5468.5	1711.8	689.4	389.3	309.5	272.0	248.6	239.2	229.8	229.8
42.5°	8094.9	5571.7	1524.2	586.2	365.8	281.4	248.6	225.1	215.7	211.0	211.0
45°	8249.7	5557.6	1303.8	525.3	342.4	257.9	225.1	211.0	197.0	192.3	187.6
47.5°	8245.0	5412.3	1144.4	473.7	318.9	239.2	211.0	197.0	182.9	178.2	178.2
50°	8212.2	5196.5	966.1	436.2	300.2	225.1	197.0	187.6	173.5	168.8	164.1
52.5°	8291.9	5074.6	806.7	412.7	276.7	215.7	192.3	178.2	159.5	154.8	154.8
55°	8390.4	5004.2	647.2	389.3	257.9	211.0	182.9	168.8	150.1	145.4	145.4
57.5°	8104.3	4736.9	534.7	351.7	234.5	201.7	173.5	164.1	145.4	131.3	131.3
60°	7203.8	3916.1	440.9	309.5	215.7	187.6	164.1	150.1	131.3	112.6	112.6
62.5°	5857.8	2987.5	365.8	262.6	201.7	173.5	150.1	136.0	112.6	89.1	89.1
64°	5088.6	2537.3	328.3	229.8	192.3	159.5	136.0	121.9	98.5	75.0	70.3
65°	4563.4	2241.8	304.8	215.7	187.6	150.1	131.3	117.2	89.1	70.3	65.7
67.5°	3212.6	1505.5	243.9	178.2	164.1	126.6	112.6	98.5	79.7	61.0	56.3
70°	1871.3	853.6	192.3	150.1	126.6	98.5	93.8	89.1	70.3	46.9	46.9
72.5°	1017.7	426.8	145.4	121.9	98.5	70.3	79.7	70.3	56.3	37.5	32.8
75°	623.8	262.6	107.9	89.1	65.7	51.6	61.0	51.6	32.8	23.4	18.8
77.5°	417.4	168.8	79.7	61.0	42.2	32.8	42.2	28.1	14.1	4.7	4.7
80°	257.9	117.2	51.6	37.5	23.4	14.1	9.4	4.7	4.7	0.0	0.0
82.5°	112.6	75.0	28.1	18.8	9.4	4.7	4.7	0.0	0.0	0.0	0.0
85°	61.0	23.4	9.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.8	9.4	4.7	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

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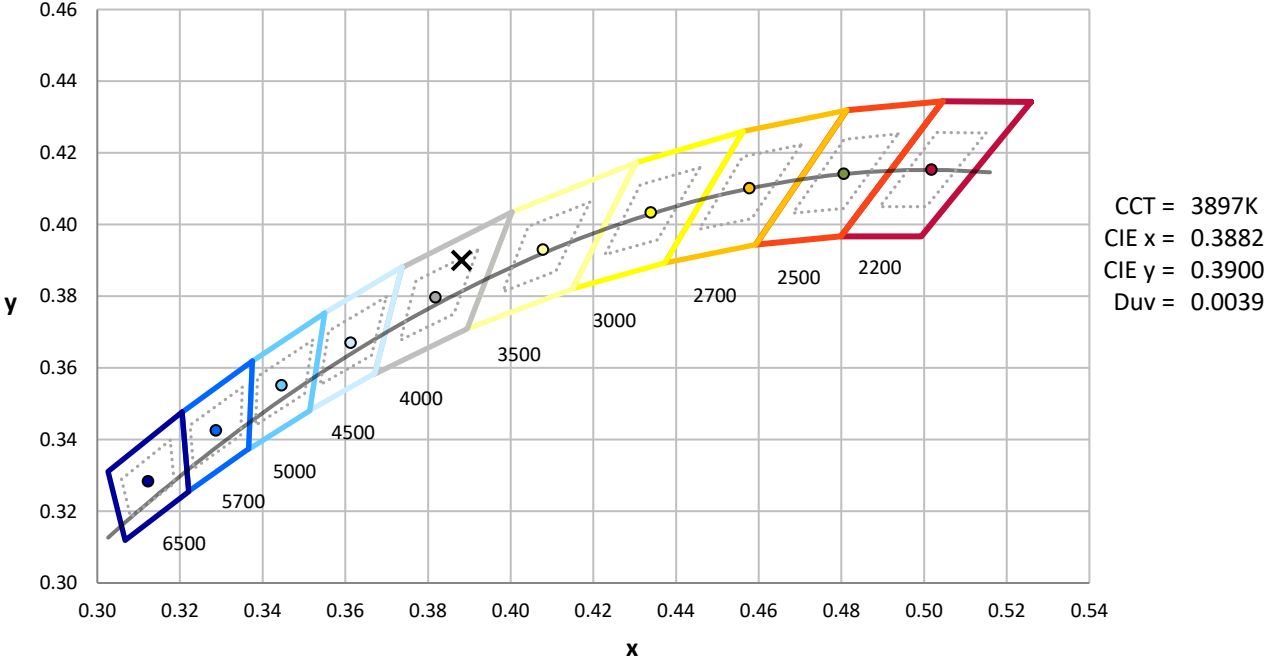
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

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 $R_a = 80.2$
 $R_9 = 6.7$

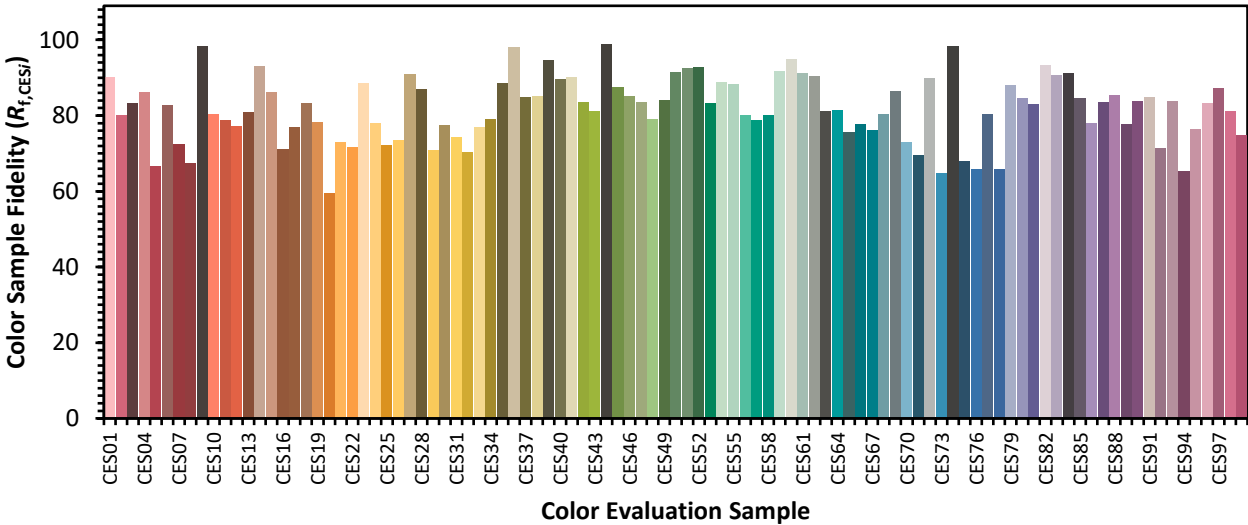


Color Vector Graphics



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

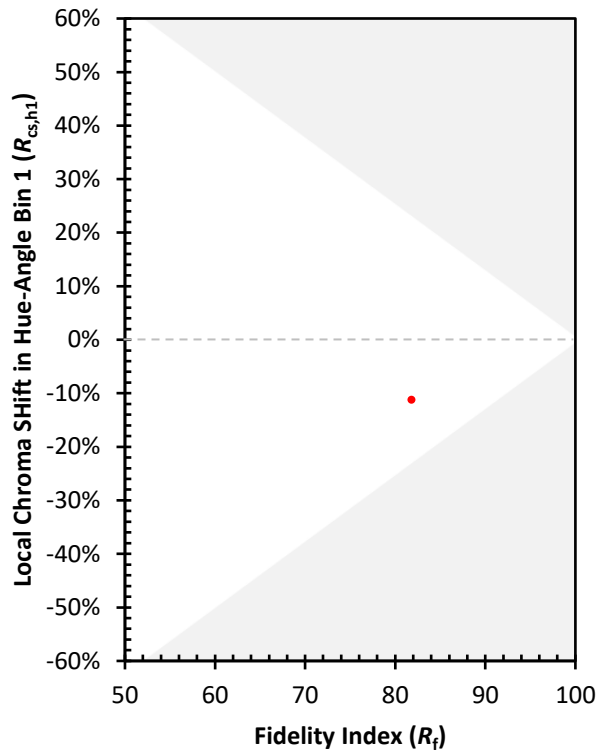
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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)