

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: P1457423

Luminaire Tested: GLAN-SB4A-935-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457423
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4A-935-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (104) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12248.2 lumens
Efficiency: N/A
Efficacy: 107.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

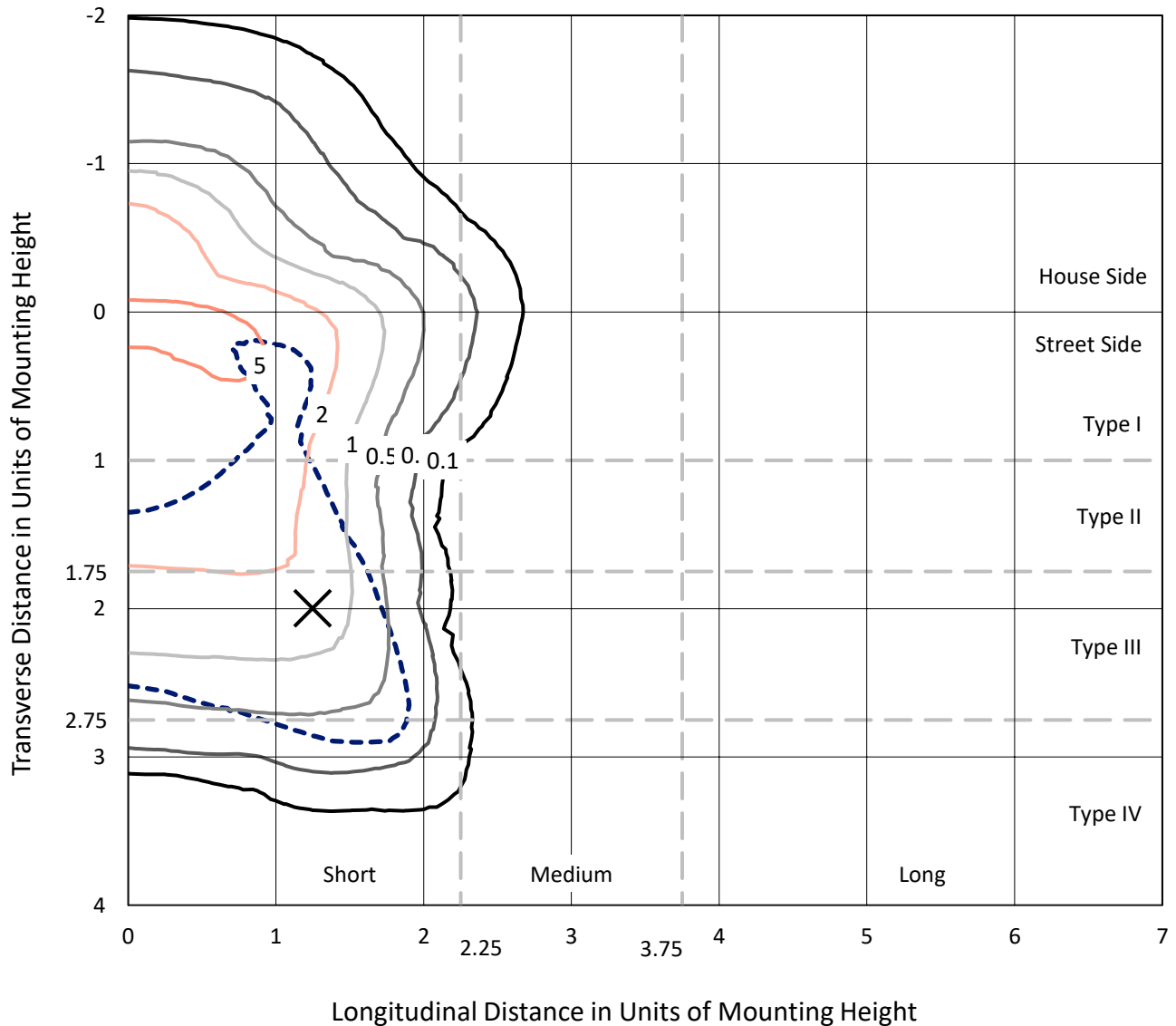
Input Watts (W): 114
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4A-935-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

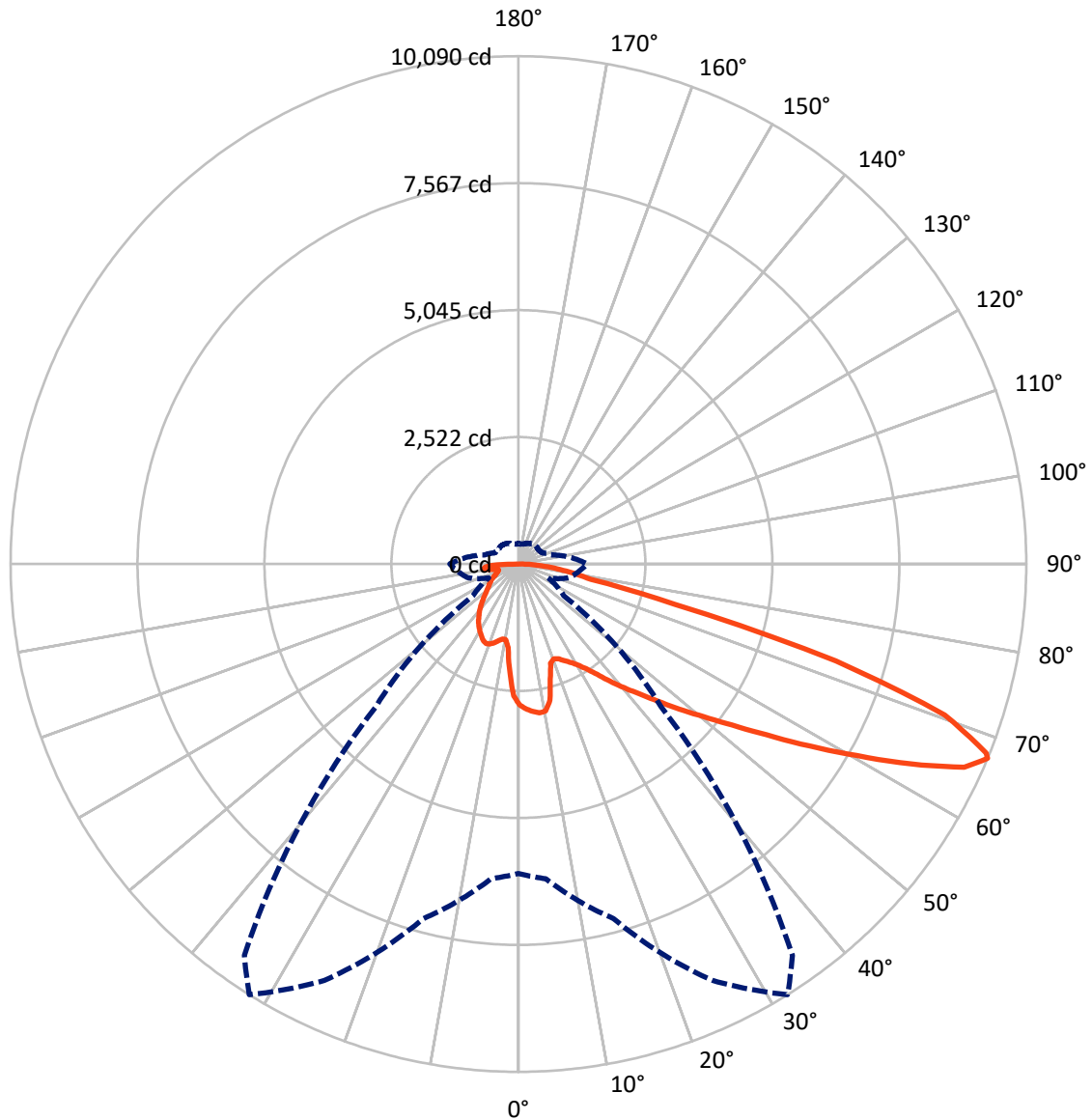


Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
 Type IV - Short - N/A

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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	2899.7	0.0	2899.7
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	9348.5	0.0	9348.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	12248.2	0.0	12248.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.5	2.0
10°-20°	649.2	5.3
20°-30°	1060.2	8.7
30°-40°	1562.6	12.8
40°-50°	2155.0	17.6
50°-60°	2722.4	22.2
60°-70°	2634.8	21.5
70°-80°	940.3	7.7
80°-90°	279.2	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°	12248.2	100.0
0°-180°	12248.2	100.0



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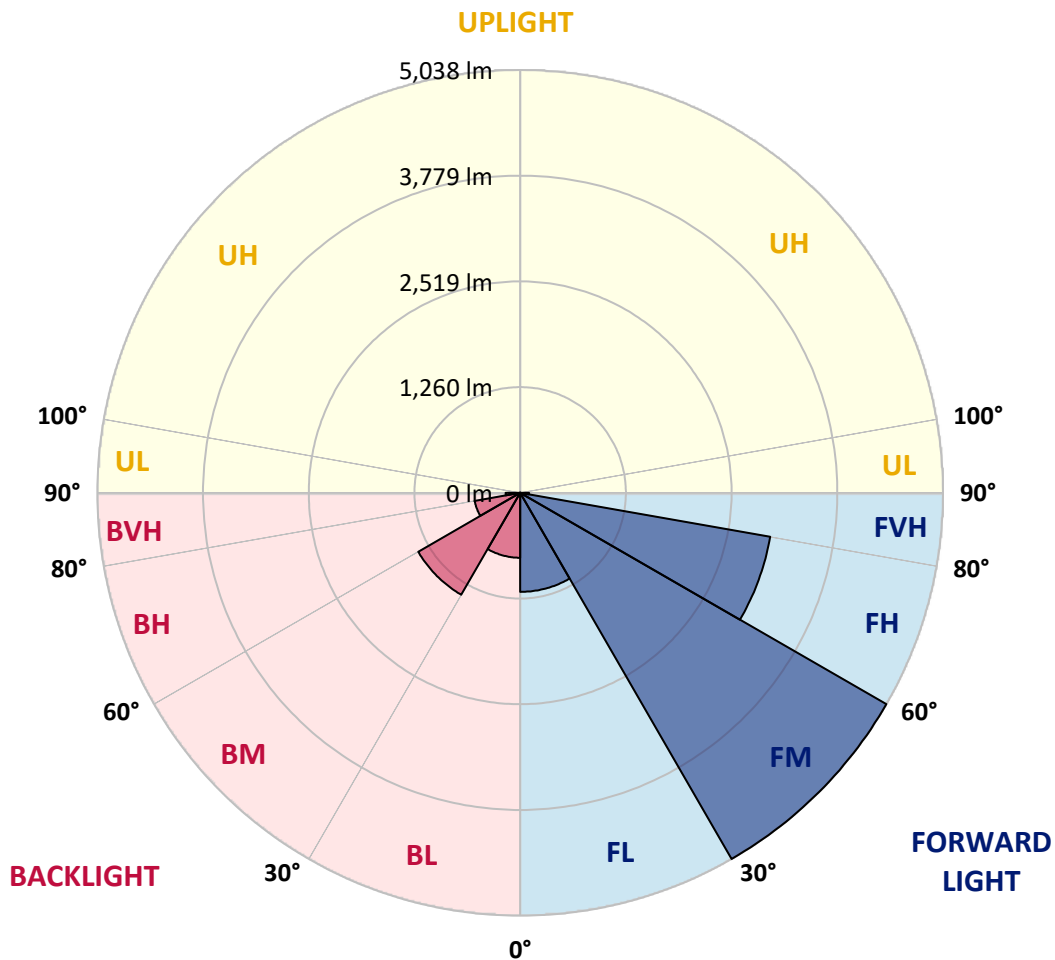
CATALOG NUMBER: GLAN-SB4A-935-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1180.1	9.6			
FM	(30°-60°)	5038.1	41.1			
FH	(60°-80°)	3025.1	24.7			G2/5000
FVH	(80°-90°)	105.2	0.9			G2/225
BL	(0°-30°)	773.8	6.3	B2/1000		
BM	(30°-60°)	1401.9	11.4	B2/2500		
BH	(60°-80°)	550.0	4.5	B2/1000		G2/1000
BVH	(80°-90°)	174.0	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5
2.5°	2904.5	2896.4	2888.2	2893.7	2882.8	2880.1	2866.5	2861.0	2844.7	2842.0	2812.1
5°	2964.4	2948.1	2945.3	2950.8	2939.9	2939.9	2929.0	2920.9	2896.4	2882.8	2839.3
7.5°	2964.4	2961.7	2967.1	2986.1	2988.8	2988.8	2988.8	2991.6	2967.1	2948.1	2880.1
10°	2795.8	2768.6	2828.4	2923.6	2969.8	2997.0	3046.0	3075.9	3056.8	3043.2	2950.8
12.5°	2292.6	2295.3	2390.5	2594.5	2779.4	2858.3	3062.3	3171.1	3179.2	3157.5	3040.5
15°	1944.5	1958.1	2007.1	2153.9	2366.1	2483.0	2967.1	3255.4	3320.6	3298.9	3149.3
17.5°	1838.5	1846.6	1868.4	1952.7	2072.3	2167.5	2708.7	3309.8	3492.0	3464.8	3271.7
20°	1822.1	1827.6	1854.8	1925.5	2007.1	2061.5	2444.9	3266.2	3652.4	3641.6	3383.2
22.5°	1824.9	1830.3	1865.6	1963.6	2047.9	2094.1	2360.6	3165.6	3821.0	3831.9	3497.4
25°	1830.3	1833.0	1887.4	2017.9	2124.0	2181.1	2415.0	3075.9	3962.5	4054.9	3622.5
27.5°	1860.2	1868.4	1941.8	2088.7	2213.8	2279.0	2542.8	3105.8	4117.5	4307.9	3772.1
30°	1941.8	1947.2	2037.0	2189.3	2325.3	2393.3	2695.1	3225.5	4307.9	4568.9	3919.0
32.5°	2069.6	2075.1	2178.4	2336.1	2483.0	2564.6	2893.7	3453.9	4520.0	4843.6	4065.8
35°	2246.4	2249.1	2366.1	2534.7	2689.7	2782.2	3124.8	3712.3	4740.3	5077.5	4174.6
37.5°	2455.8	2474.8	2594.5	2771.3	2953.5	3037.8	3396.8	4014.1	4936.1	5276.0	4237.1
40°	2744.1	2749.5	2866.5	3037.8	3230.9	3312.5	3668.7	4299.7	5150.9	5393.0	4294.3
42.5°	3040.5	3086.8	3184.7	3375.0	3519.2	3584.4	3978.8	4560.8	5322.3	5398.4	4269.8
45°	3437.6	3472.9	3570.8	3739.5	3883.6	3959.7	4313.3	4800.1	5409.3	5352.2	4215.4
47.5°	3891.8	3913.5	3992.4	4144.7	4305.1	4359.5	4661.4	4936.1	5441.9	5319.5	4190.9
50°	4427.5	4427.5	4484.6	4615.2	4762.0	4838.2	4982.3	5017.7	5537.1	5262.4	4253.5
52.5°	4879.0	4900.7	4976.9	5161.8	5308.7	5395.7	5232.5	5142.8	5344.0	4944.2	4272.5
55°	5311.4	5335.9	5507.2	5738.4	5988.6	6083.8	5545.3	5080.2	4694.0	4479.2	4142.0
57.5°	5724.8	5776.4	5991.3	6442.7	6820.8	6812.6	5942.3	4520.0	3831.9	3965.2	3856.4
60°	6301.3	6355.7	6698.4	7266.8	7729.1	7536.0	5947.8	3761.2	2986.1	3165.6	3320.6
62.5°	6782.7	6875.2	7378.3	8324.7	8749.0	8447.1	5455.5	2880.1	1982.6	2208.3	2567.3
65°	6739.2	6861.6	7642.1	9102.5	9736.2	9456.1	4734.8	1822.1	1022.6	1509.4	1797.7
67°	6146.3	6279.6	7291.3	9129.7	10089.7	9491.4	3997.8	1101.4	650.0	1047.0	1248.3
67.5°	5806.4	6002.2	7117.2	9078.0	10024.5	9341.8	3666.0	921.9	611.9	973.6	1136.8
70°	3570.8	3886.3	5341.3	8025.6	8985.6	7818.9	2037.0	522.2	497.7	652.7	786.0
72.5°	1074.2	1169.4	2061.5	5148.2	6595.0	5795.5	916.5	402.5	446.0	524.9	606.5
75°	522.2	557.5	851.2	2105.0	3211.9	3195.5	511.3	345.4	413.4	440.6	478.7
77.5°	334.5	356.3	530.3	1177.6	1471.3	1310.8	369.9	301.9	367.1	361.7	356.3
80°	209.4	220.3	340.0	682.6	1085.1	905.6	272.0	247.5	315.5	280.1	252.9
82.5°	136.0	149.6	217.6	416.1	775.1	674.5	179.5	176.8	261.1	223.0	195.8
85°	89.7	100.6	138.7	244.8	459.6	481.4	116.9	122.4	201.3	168.6	149.6
87.5°	32.6	40.8	70.7	108.8	214.8	266.5	49.0	46.2	97.9	78.9	62.6
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°	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5	2798.5
2.5°	2806.6	2798.5	2760.4	2727.8	2703.3	2670.7	2635.3	2594.5	2567.3	2572.7	2564.6
5°	2820.2	2798.5	2725.0	2613.5	2504.8	2368.8	2194.7	2091.4	2012.5	1971.7	1982.6
7.5°	2850.1	2812.1	2657.1	2431.3	2148.5	1871.1	1699.8	1601.8	1555.6	1536.6	1533.9
10°	2901.8	2836.5	2570.0	2148.5	1778.6	1591.0	1528.4	1501.2	1495.8	1495.8	1493.1
12.5°	2964.4	2861.0	2423.2	1873.8	1601.8	1533.9	1523.0	1525.7	1533.9	1542.0	1528.4
15°	3040.5	2871.9	2241.0	1707.9	1566.5	1550.2	1566.5	1585.5	1599.1	1610.0	1596.4
17.5°	3116.7	2861.0	2069.6	1629.0	1571.9	1593.7	1626.3	1656.2	1664.4	1680.7	1669.8
20°	3171.1	2823.0	1922.8	1599.1	1585.5	1634.5	1675.3	1707.9	1724.2	1735.1	1724.2
22.5°	3211.9	2774.0	1816.7	1569.2	1585.5	1645.4	1694.3	1732.4	1751.4	1762.3	1748.7
25°	3247.2	2706.0	1735.1	1525.7	1552.9	1610.0	1664.4	1702.5	1729.7	1746.0	1737.8
27.5°	3290.7	2651.6	1659.0	1460.4	1484.9	1539.3	1596.4	1642.6	1694.3	1721.5	1716.1
30°	3339.7	2624.4	1585.5	1389.7	1406.0	1460.4	1528.4	1591.0	1661.7	1697.0	1697.0
32.5°	3396.8	2605.4	1517.5	1321.7	1335.3	1395.2	1460.4	1517.5	1593.7	1650.8	1648.1
35°	3421.3	2583.6	1463.1	1259.2	1286.4	1335.3	1387.0	1425.1	1503.9	1571.9	1577.4
37.5°	3445.7	2575.5	1436.0	1210.2	1232.0	1270.1	1297.3	1316.3	1389.7	1460.4	1463.1
40°	3475.7	2613.5	1455.0	1177.6	1158.6	1196.6	1210.2	1221.1	1259.2	1305.4	1305.4
42.5°	3456.6	2640.7	1498.5	1147.7	1068.8	1112.3	1117.8	1115.0	1117.8	1120.5	1117.8
45°	3407.7	2613.5	1498.5	1101.4	973.6	1019.9	1017.1	1003.5	981.8	924.7	916.5
47.5°	3396.8	2597.2	1441.4	1025.3	878.4	916.5	921.9	894.8	832.2	772.4	753.3
50°	3443.0	2627.1	1351.6	932.8	796.8	829.5	843.1	796.8	726.1	663.6	652.7
52.5°	3511.0	2665.2	1221.1	832.2	728.9	761.5	777.8	726.1	652.7	603.8	598.3
55°	3502.9	2665.2	1074.2	739.7	677.2	701.7	728.9	674.5	617.4	590.2	587.4
57.5°	3326.1	2564.6	965.5	674.5	628.2	650.0	685.3	633.7	579.3	584.7	592.9
60°	2980.7	2303.5	883.9	630.9	584.7	606.5	644.5	584.7	514.0	495.0	495.0
62.5°	2455.8	1898.3	818.6	587.4	543.9	571.1	590.2	511.3	465.1	443.3	443.3
65°	1841.2	1468.6	750.6	552.1	508.6	538.5	516.7	478.7	432.4	416.1	418.8
67°	1365.2	1139.5	693.5	522.2	486.8	500.4	484.1	456.9	410.7	397.1	410.7
67.5°	1226.5	1082.4	679.9	514.0	481.4	492.2	475.9	454.2	405.2	391.6	405.2
70°	843.1	832.2	606.5	475.9	451.5	440.6	448.7	421.5	380.7	375.3	388.9
72.5°	641.8	663.6	543.9	443.3	418.8	405.2	424.3	397.1	356.3	364.4	378.0
75°	503.1	535.8	486.8	397.1	380.7	383.5	421.5	410.7	378.0	386.2	388.9
77.5°	372.6	432.4	416.1	345.4	331.8	369.9	475.9	508.6	451.5	437.9	418.8
80°	272.0	310.0	350.8	285.6	277.4	356.3	587.4	650.0	557.5	503.1	489.5
82.5°	201.3	217.6	288.3	228.4	201.3	318.2	652.7	764.2	663.6	560.2	543.9
85°	144.1	168.6	228.4	168.6	133.3	261.1	639.1	747.9	658.1	530.3	516.7
87.5°	51.7	73.4	97.9	76.1	68.0	179.5	527.6	538.5	410.7	187.7	190.4
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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u': 0.2356
 CIE v': 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 Rf: 92.3
 Rg: 98.5

CRI (Ra):	92.2		
R1:	92.0	R9:	59.8
R2:	94.4	R10:	85.8
R3:	95.6	R11:	93.2
R4:	93.2	R12:	78.0
R5:	91.4	R13:	92.5
R6:	92.5	R14:	97.0
R7:	94.5	R15:	88.4
R8:	84.2		



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 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 3500K 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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

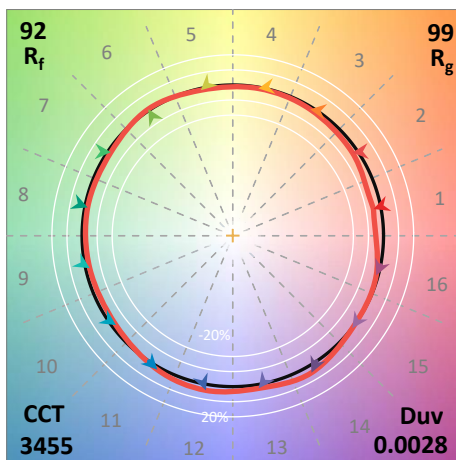
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

Summary

$R_f = 92.3$
 $R_g = 98.5$
 CIE $R_a = 92.2$
 $R_9 = 59.8$

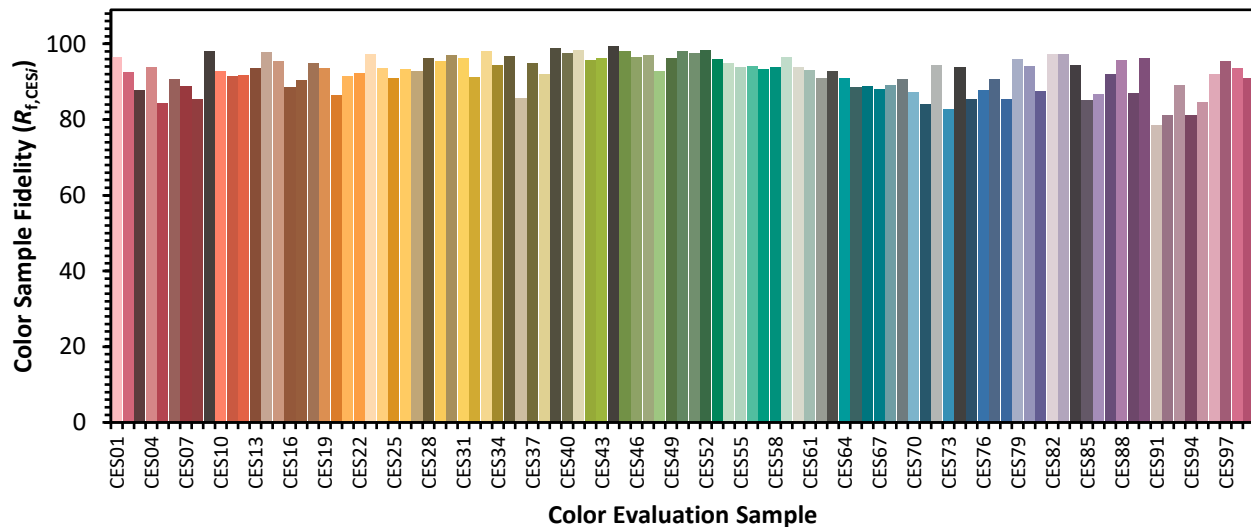


Color Vector Graphics



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

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)