

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: P1456447

Luminaire Tested: GLAN-SB3A-730-U-T3LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1456447
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB3A-730-U-T3LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square
PACKAGE 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source: (78) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13125 lumens
Efficiency: N/A
Efficacy: 155.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

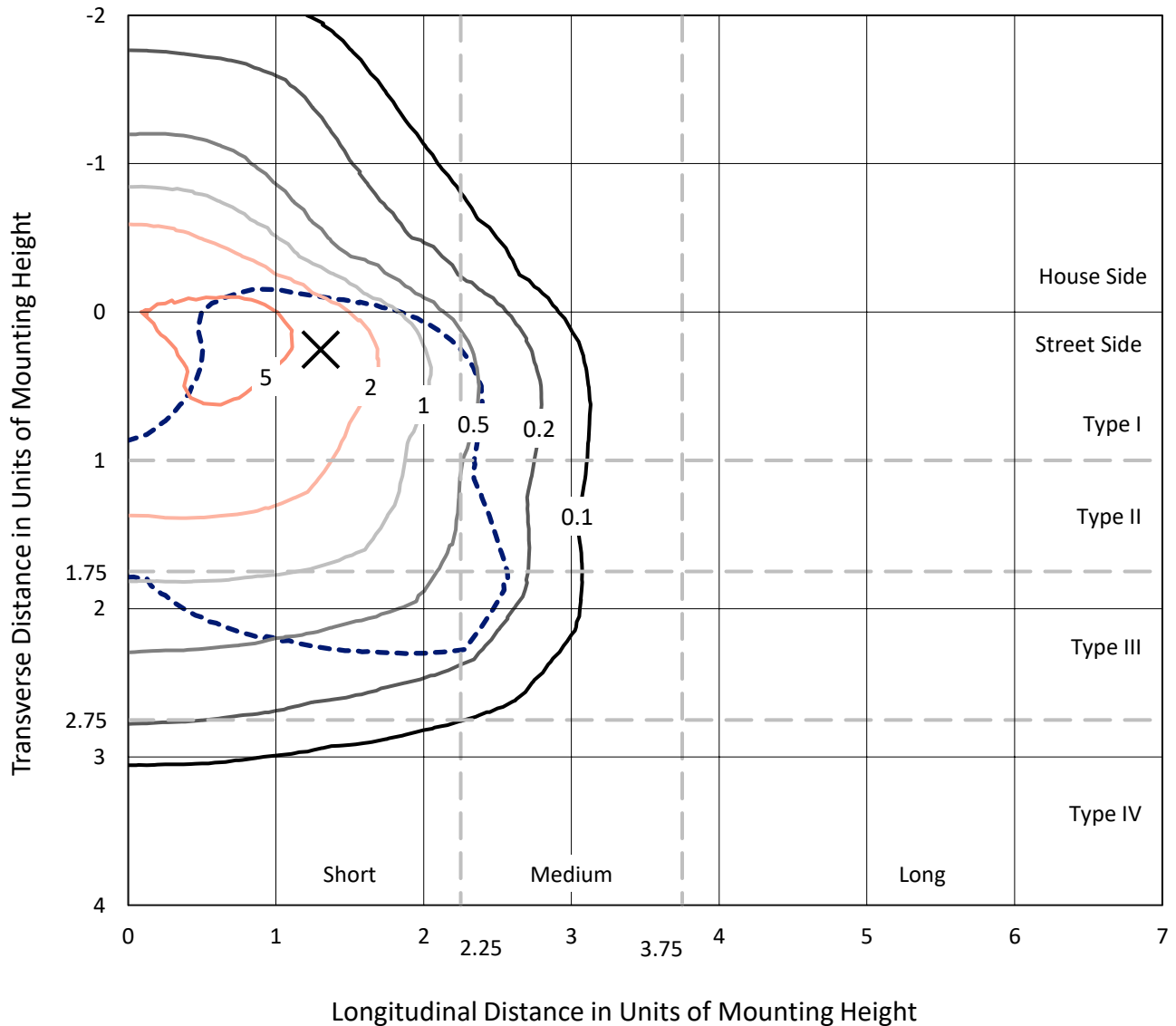
Input Watts (W): 84.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB3A-730-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

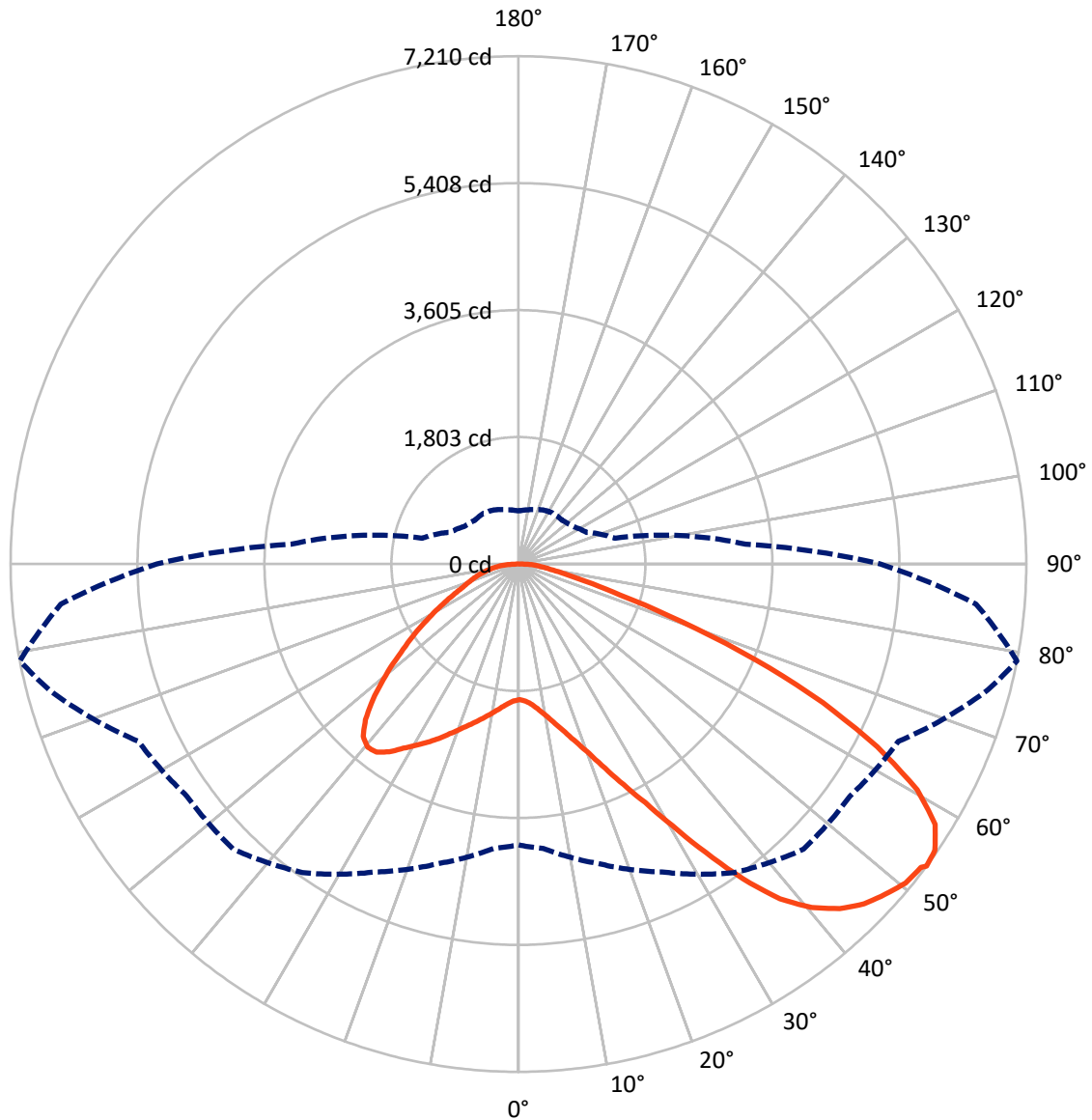


Based on 20 foot mounting height. Maximum calculated value = 7.5 fc
 Type III - Short - N/A

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CATALOG NUMBER: GLAN-SB3A-730-U-T3LG

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 53-Deg Vertical

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CATALOG NUMBER: GLAN-SB3A-730-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3308.7	0.0	3308.7
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	9816.3	0.0	9816.3
	% Fixture	74.8	0.0	74.8
Total	Lumens	13125.0	0.0	13125.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.6	1.4
10°-20°	568.5	4.3
20°-30°	1087.0	8.3
30°-40°	1866.2	14.2
40°-50°	2614.0	19.9
50°-60°	2966.6	22.6
60°-70°	2601.5	19.8
70°-80°	1017.2	7.8
80°-90°	220.4	1.7
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°	13125.0	100.0
0°-180°	13125.0	100.0



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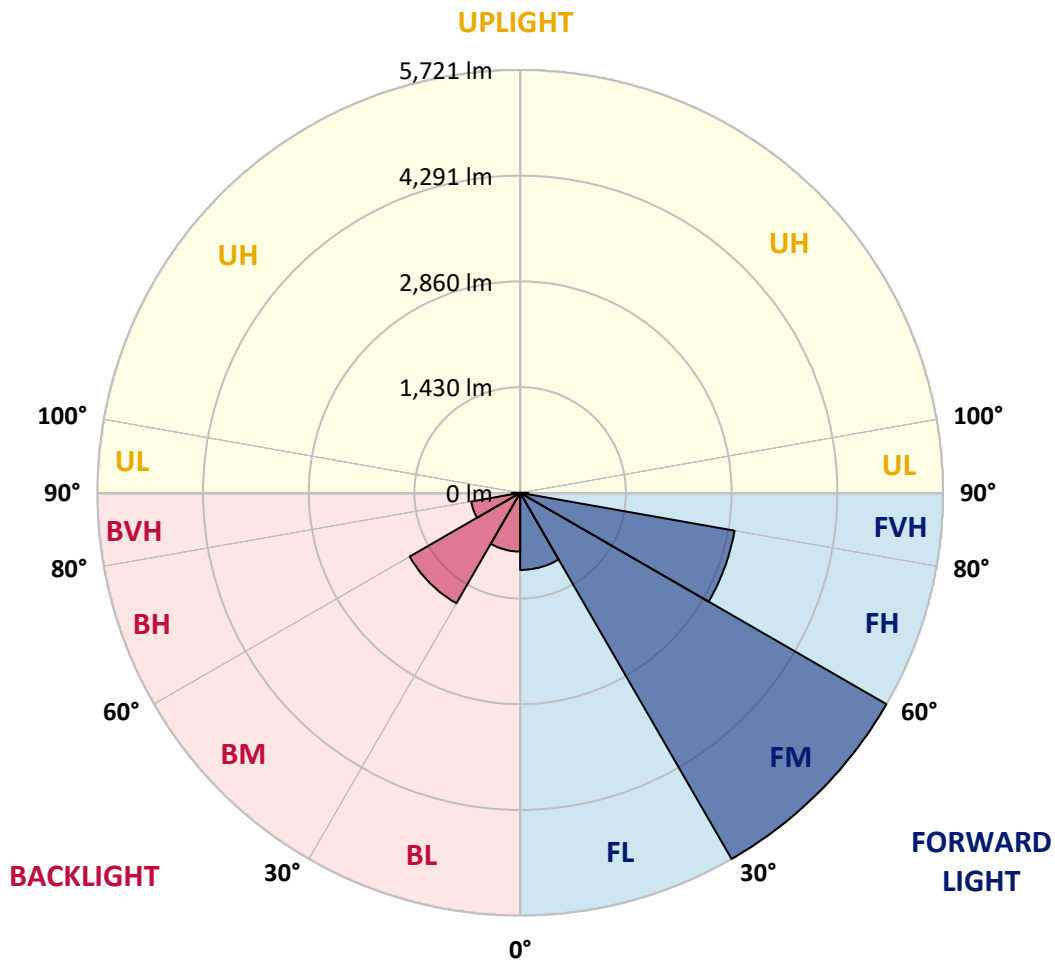
CATALOG NUMBER: GLAN-SB3A-730-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1043.3	7.9			
FM (30°-60°)	5720.7	43.6			
FH (60°-80°)	2945.3	22.4			G2/5000
FVH (80°-90°)	106.9	0.8			G2/225
BL (0°-30°)	795.8	6.1	B2/1000		
BM (30°-60°)	1726.1	13.2	B2/2500		
BH (60°-80°)	673.4	5.1	B2/1000		G2/1000
BVH (80°-90°)	113.5	0.9			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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8
2.5°	1929.7	1929.7	1918.0	1929.7	1923.9	1932.6	1938.5	1938.5	1950.2	1947.2	1947.2
5°	1897.5	1891.7	1888.8	1909.2	1920.9	1944.3	1970.6	1982.3	2002.8	2002.8	2005.7
7.5°	1812.8	1809.8	1824.4	1865.4	1903.4	1961.9	2017.4	2049.6	2081.7	2087.6	2087.6
10°	1760.1	1757.2	1774.7	1824.4	1885.8	1970.6	2058.4	2125.6	2178.2	2192.8	2192.8
12.5°	1760.1	1760.1	1774.7	1824.4	1888.8	1991.1	2111.0	2225.0	2306.9	2324.4	2318.6
15°	1809.8	1806.9	1824.4	1877.1	1938.5	2035.0	2181.2	2333.2	2444.3	2476.5	2479.4
17.5°	1862.5	1859.5	1885.8	1953.1	2026.2	2122.7	2271.8	2458.9	2616.8	2657.7	2666.5
20°	1944.3	1941.4	1973.6	2037.9	2128.5	2239.6	2394.6	2608.0	2827.3	2871.2	2882.9
22.5°	2037.9	2040.8	2075.9	2154.8	2245.5	2391.7	2581.7	2818.5	3081.7	3148.9	3160.6
25°	2233.8	2225.0	2254.2	2309.8	2406.3	2581.7	2815.6	3072.9	3385.8	3467.6	3482.2
27.5°	2494.0	2479.4	2511.5	2567.1	2637.3	2801.0	3070.0	3356.5	3733.7	3836.0	3838.9
30°	2727.9	2719.1	2763.0	2877.0	2950.1	3075.8	3362.4	3689.8	4163.5	4312.6	4318.4
32.5°	2929.6	2926.7	3008.6	3154.8	3321.4	3455.9	3733.7	4110.9	4707.3	4879.8	4841.8
35°	3122.6	3131.4	3233.7	3385.8	3608.0	3877.0	4157.6	4587.4	5280.4	5488.0	5426.6
37.5°	3318.5	3324.4	3458.9	3654.7	3888.7	4239.5	4616.7	5105.0	5777.4	6034.7	5900.2
40°	3499.8	3517.3	3698.6	3909.1	4213.2	4569.9	4990.9	5464.6	6160.4	6414.8	6268.6
42.5°	3681.1	3707.4	3903.3	4192.7	4517.3	4888.6	5251.1	5683.9	6406.0	6689.6	6464.5
45°	3868.2	3885.7	4128.4	4429.6	4798.0	5140.0	5400.3	5824.2	6575.6	6882.6	6575.6
47.5°	3993.9	4029.0	4295.1	4643.0	5011.4	5333.0	5520.1	5882.7	6683.8	7008.3	6616.6
50°	4043.6	4093.3	4379.8	4765.8	5186.8	5514.3	5613.7	5914.8	6803.7	7119.4	6607.8
52.5°	4034.8	4081.6	4394.5	4821.3	5327.2	5680.9	5704.3	5949.9	6888.5	7157.5	6531.8
53°	3988.1	4052.4	4403.2	4824.3	5347.6	5724.8	5745.3	5952.9	6900.2	7210.1	6520.1
55°	3827.3	3862.3	4312.6	4821.3	5444.1	5888.5	5859.3	6040.6	6932.3	7175.0	6391.4
57.5°	3681.1	3716.1	4107.9	4765.8	5523.1	6119.5	6043.5	6025.9	6756.9	6976.2	6066.9
60°	3587.5	3599.2	3929.6	4590.4	5490.9	6280.3	6163.4	5853.4	6324.2	6505.5	5496.7
62.5°	3508.6	3505.6	3798.0	4338.9	5368.1	6303.7	6186.8	5426.6	5689.7	5718.9	4736.6
65°	3330.2	3309.7	3593.3	4055.3	5113.7	6198.5	5900.2	4780.4	4847.7	4751.2	3803.9
67.5°	2976.4	2932.6	3184.0	3622.6	4596.2	5900.2	5353.5	4029.0	3821.4	3628.4	2865.3
70°	2131.4	2131.4	2333.2	2771.8	3689.8	5099.1	4596.2	3049.5	2631.4	2458.9	1915.1
72.5°	1043.8	1070.1	1280.6	1637.3	2473.5	3701.5	3520.3	1976.5	1596.4	1511.6	1228.0
75°	444.4	447.3	546.8	725.1	1254.3	2189.9	2204.5	1140.3	1023.3	982.4	812.8
77.5°	309.9	315.8	359.6	426.9	596.5	1005.8	1146.1	690.0	687.1	657.9	578.9
80°	236.8	242.7	271.9	318.7	400.6	514.6	593.5	467.8	491.2	462.0	418.1
82.5°	178.4	184.2	204.7	239.8	286.5	345.0	333.3	345.0	362.6	345.0	301.2
85°	119.9	122.8	137.4	166.7	184.2	207.6	207.6	251.4	263.1	257.3	236.8
87.5°	61.4	61.4	73.1	87.7	93.6	96.5	84.8	111.1	125.7	137.4	111.1
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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CATALOG NUMBER: GLAN-SB3A-730-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8	1926.8
2.5°	1947.2	1950.2	1941.4	1938.5	1935.6	1920.9	1920.9	1906.3	1903.4	1906.3	1897.5
5°	2011.6	2005.7	1982.3	1964.8	1944.3	1903.4	1880.0	1847.8	1839.1	1830.3	1821.5
7.5°	2090.5	2081.7	2040.8	1994.0	1938.5	1859.5	1815.7	1763.1	1745.5	1730.9	1725.0
10°	2189.9	2172.4	2108.1	2008.6	1906.3	1809.8	1748.4	1684.1	1654.9	1649.0	1634.4
12.5°	2318.6	2286.4	2166.5	2011.6	1877.1	1751.4	1684.1	1634.4	1622.7	1619.8	1605.2
15°	2461.8	2415.1	2222.1	2014.5	1839.1	1701.7	1660.7	1634.4	1634.4	1631.5	1622.7
17.5°	2637.3	2561.2	2274.7	2002.8	1792.3	1687.0	1666.6	1643.2	1637.3	1640.3	1628.6
20°	2847.8	2722.1	2330.3	1988.2	1771.8	1690.0	1666.6	1634.4	1619.8	1616.9	1608.1
22.5°	3090.5	2906.3	2391.7	1964.8	1771.8	1687.0	1649.0	1605.2	1575.9	1564.2	1552.5
25°	3368.2	3119.7	2456.0	1956.0	1777.7	1675.3	1613.9	1543.8	1497.0	1479.4	1470.7
27.5°	3704.5	3344.8	2502.8	1964.8	1774.7	1649.0	1552.5	1461.9	1409.3	1380.0	1374.2
30°	4075.8	3587.5	2534.9	1979.4	1757.2	1599.3	1479.4	1377.1	1304.0	1268.9	1260.2
32.5°	4514.3	3859.4	2567.1	1979.4	1713.3	1529.1	1394.7	1283.5	1207.5	1166.6	1160.7
35°	4999.7	4192.7	2596.3	1976.5	1660.7	1453.1	1309.9	1195.8	1116.9	1076.0	1073.0
37.5°	5411.9	4444.2	2611.0	1947.2	1587.6	1365.4	1230.9	1116.9	1035.0	991.2	988.2
40°	5666.3	4549.4	2581.7	1888.8	1499.9	1274.8	1143.2	1037.9	956.1	903.5	891.8
42.5°	5762.8	4499.7	2488.2	1792.3	1394.7	1184.1	1070.1	959.0	850.8	807.0	798.2
45°	5730.6	4306.8	2289.3	1654.9	1277.7	1102.3	1005.8	880.1	809.9	771.9	769.0
47.5°	5622.5	4008.5	2040.8	1482.4	1154.9	1029.2	921.0	859.6	795.3	754.3	751.4
50°	5432.4	3689.8	1742.6	1286.5	1043.8	953.2	900.5	850.8	798.2	766.0	760.2
52.5°	5189.7	3330.2	1467.7	1096.4	947.3	885.9	880.1	845.0	804.0	769.0	754.3
53°	5134.2	3236.6	1415.1	1064.3	932.7	877.1	874.2	845.0	798.2	766.0	754.3
55°	4868.1	2947.2	1248.5	950.2	859.6	847.9	874.2	842.1	783.6	757.3	748.5
57.5°	4441.2	2567.1	1087.7	845.0	783.6	812.8	865.4	830.4	766.0	719.3	704.6
60°	3926.7	2131.4	964.9	774.8	728.0	769.0	830.4	789.4	701.7	678.3	675.4
62.5°	3312.7	1725.0	871.3	716.3	681.2	722.2	777.7	707.6	643.2	625.7	619.8
65°	2587.6	1371.3	798.2	672.5	634.5	666.6	704.6	660.8	619.8	605.2	602.3
67.5°	1923.9	1076.0	739.7	634.5	587.7	608.1	652.0	640.3	605.2	596.5	593.5
70°	1327.4	874.2	687.1	599.4	529.2	552.6	619.8	628.6	593.5	587.7	584.8
72.5°	929.8	739.7	631.5	561.4	482.4	505.8	605.2	605.2	567.2	576.0	570.1
75°	698.8	622.8	567.2	514.6	424.0	459.0	584.8	578.9	540.9	578.9	564.3
77.5°	526.3	502.9	491.2	456.1	371.3	406.4	543.8	532.1	482.4	485.4	459.0
80°	383.0	388.9	421.0	388.9	309.9	336.2	459.0	453.2	391.8	403.5	371.3
82.5°	274.8	289.5	359.6	312.8	225.1	239.8	315.8	342.1	307.0	289.5	295.3
85°	207.6	216.4	289.5	231.0	140.3	157.9	216.4	245.6	239.8	222.2	225.1
87.5°	87.7	99.4	134.5	108.2	81.9	81.9	134.5	172.5	155.0	131.6	137.4
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u': 0.2504
 CIE v': 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 Rf: 73.8
 Rg: 94.4

CRI (Ra):	70.8		
R1:	66.3	R9:	-43.2
R2:	80.6	R10:	57.6
R3:	94.5	R11:	64.8
R4:	68.2	R12:	53.5
R5:	66.5	R13:	68.7
R6:	74.7	R14:	97.0
R7:	76.2	R15:	56.4
R8:	39.6		



Test Conditions

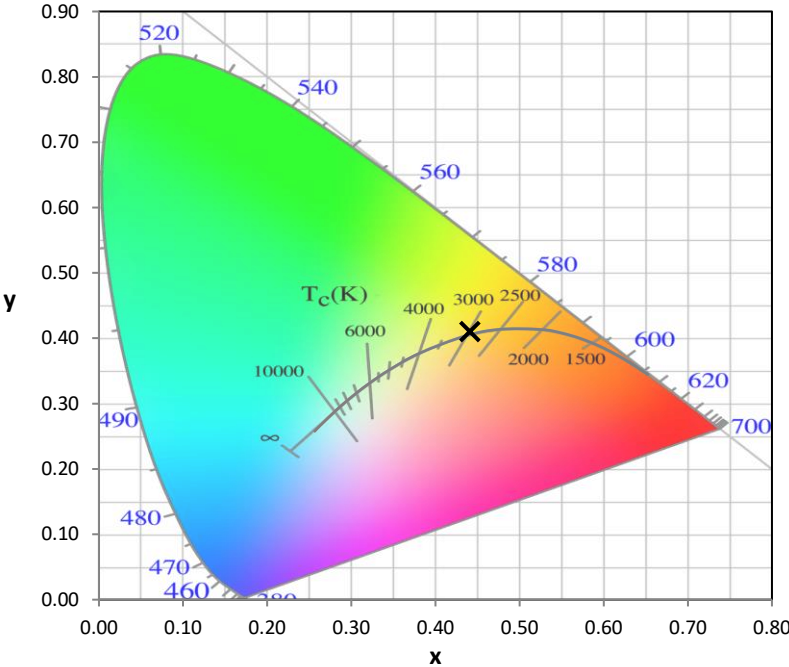
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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 = 2985K
 CIE x = 0.4408
 CIE y = 0.4101
 Duv = 0.0019

Point lies inside the ANSI 3000K 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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

Summary

$R_f = 73.8$
 $R_g = 94.4$
 CIE $R_a = 70.8$
 $R_g = -43.2$

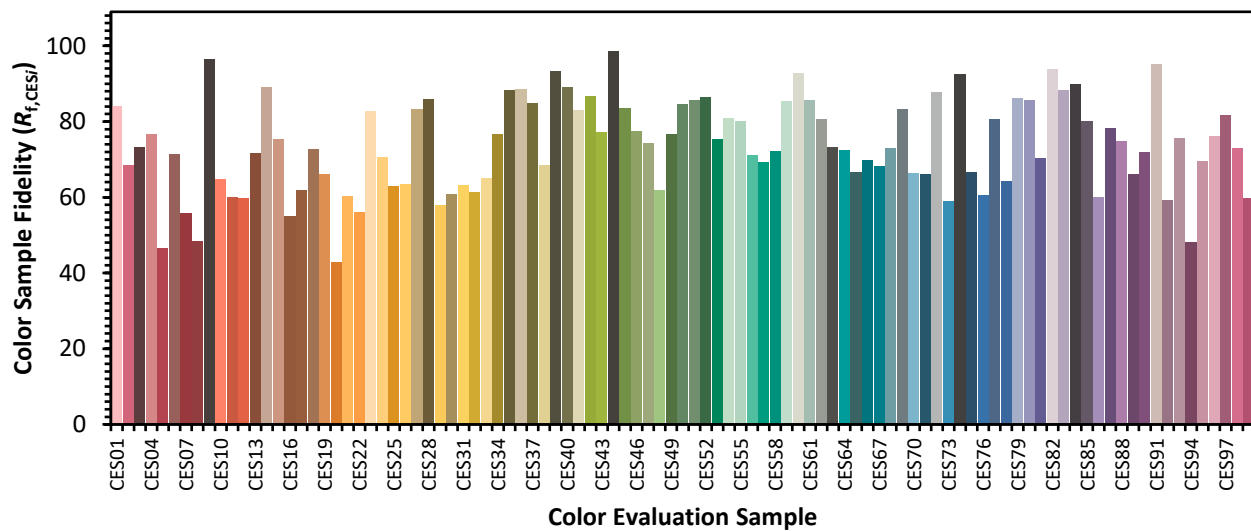


Color Vector Graphics

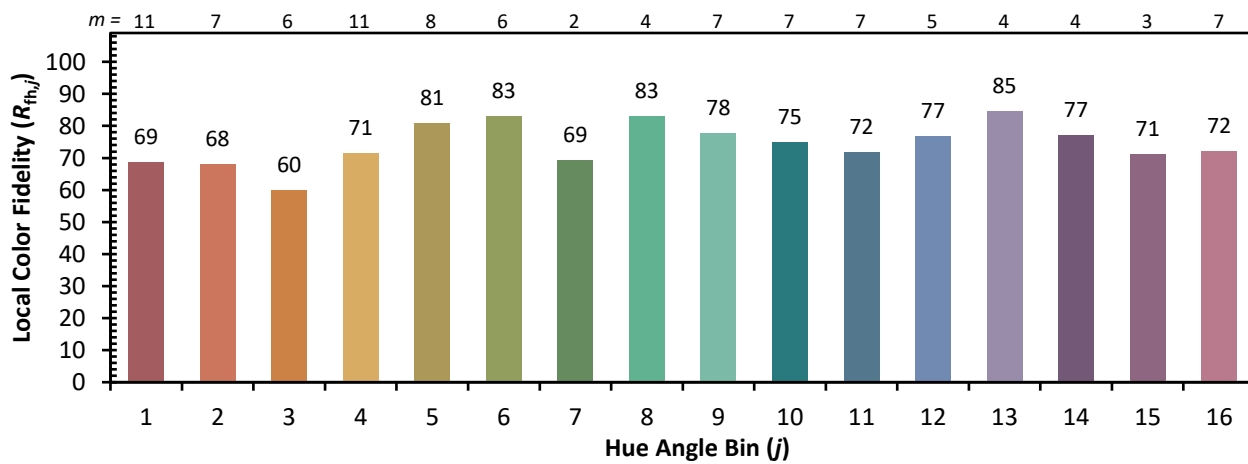
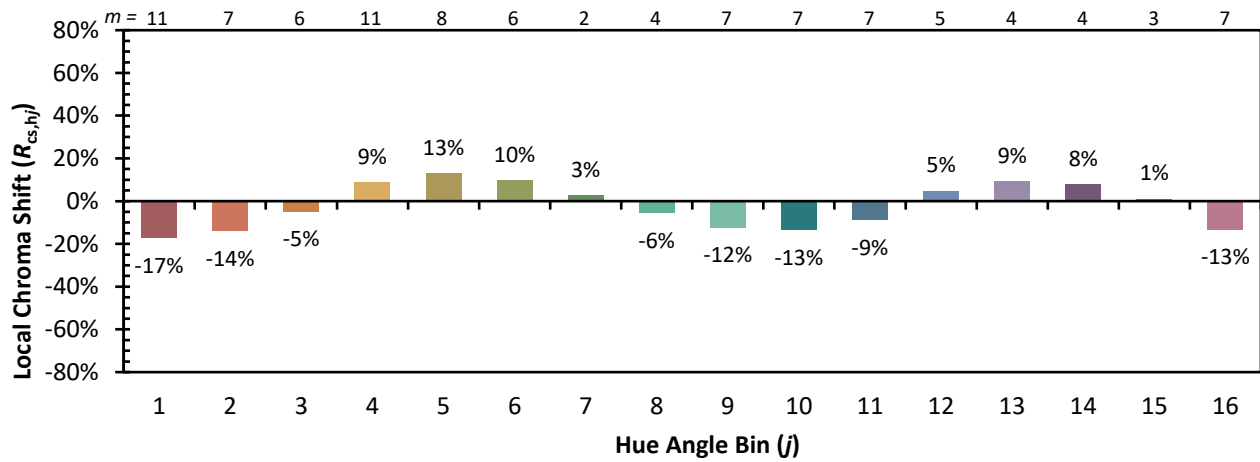


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)