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

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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: McGRAW-EDISON

Report Number: P1502675

Luminaire Tested: GSS-SB2C-830-U-T4LG-HSS

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502675
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2C-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 102W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10004.4 lumens
Efficiency:	N/A
Efficacy:	98.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

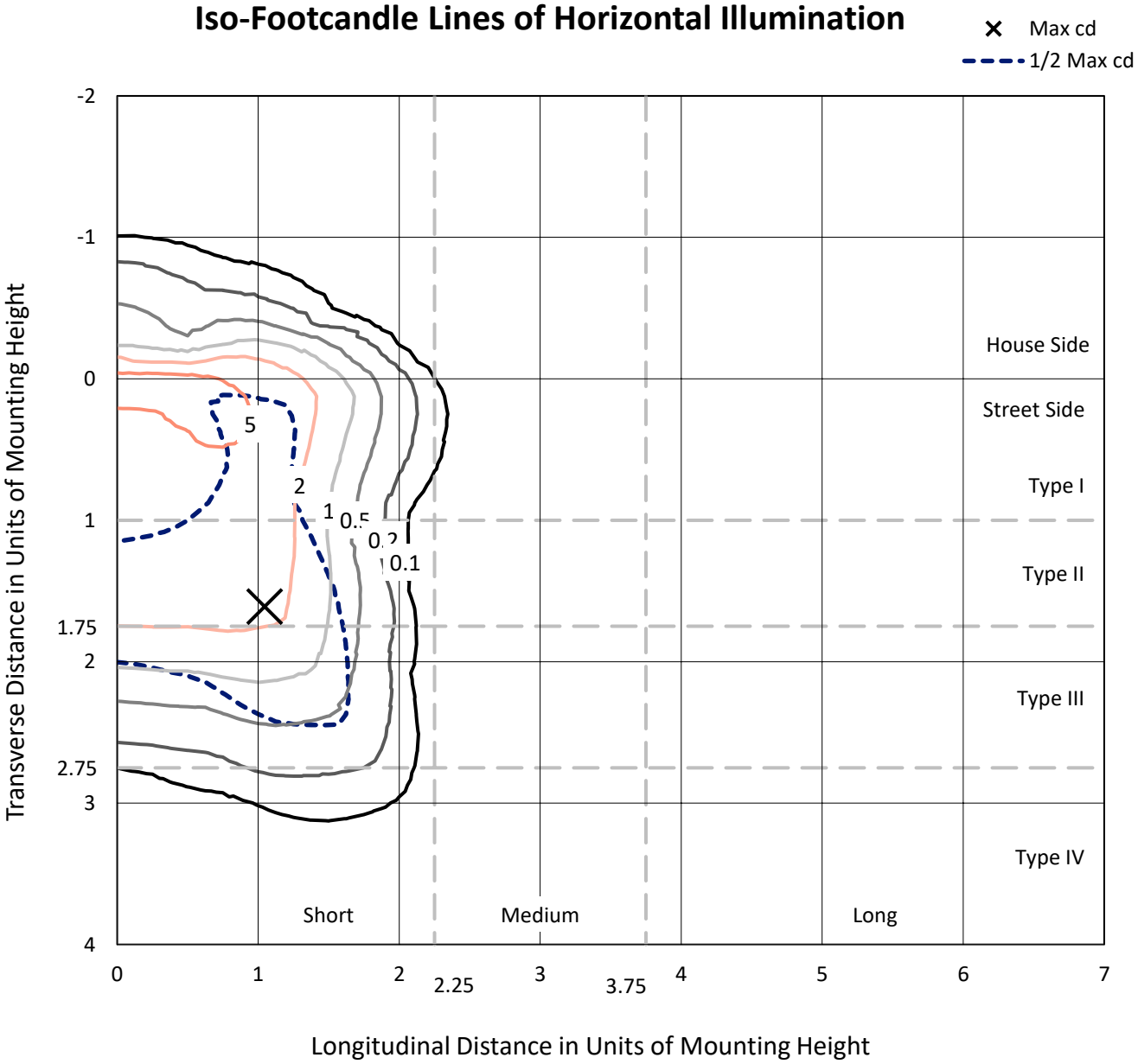
Input Watts (W):	102
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502675
CATALOG NUMBER: GSS-SB2C-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



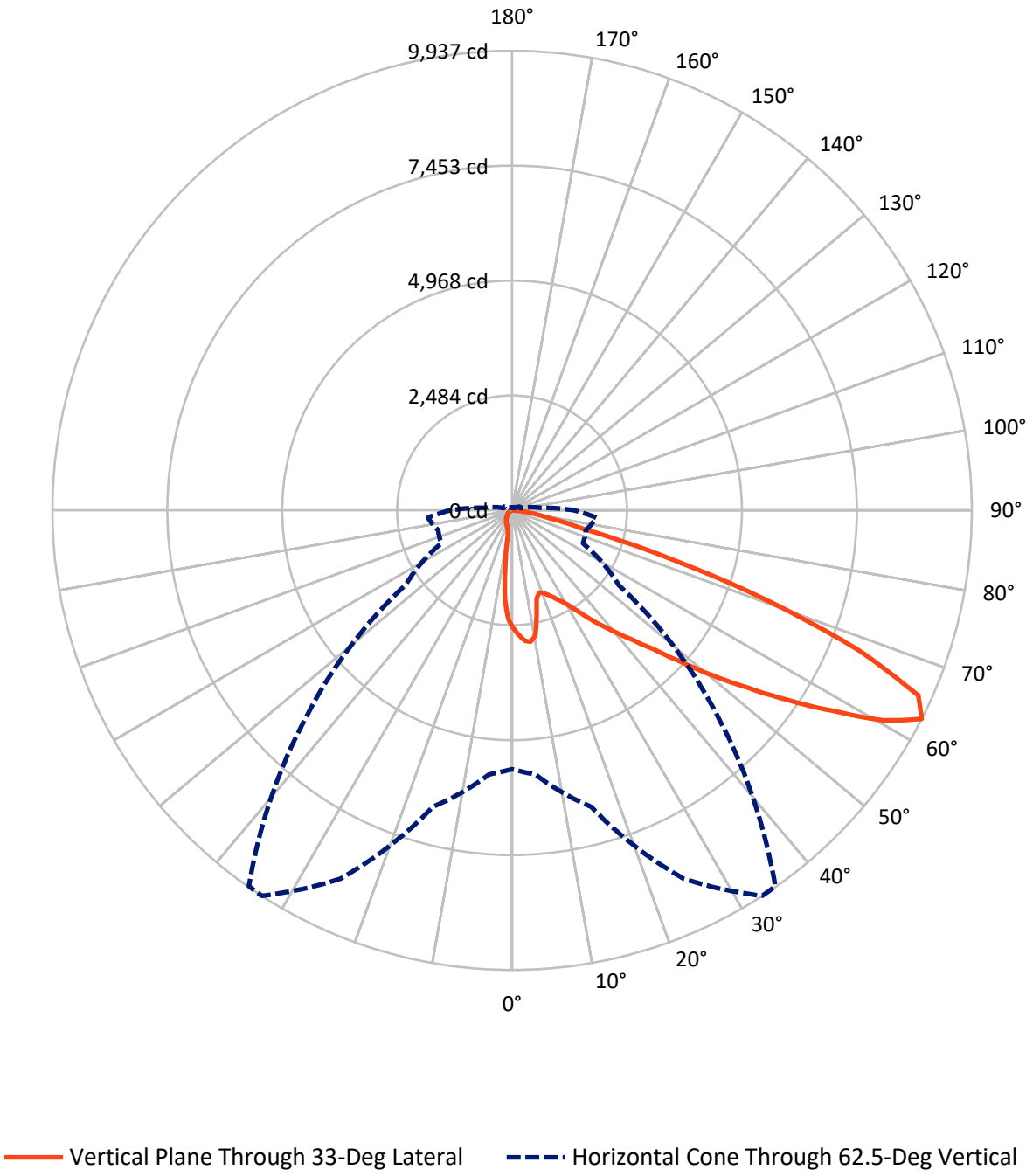
Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502675
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Luminous Intensity Polar Plot



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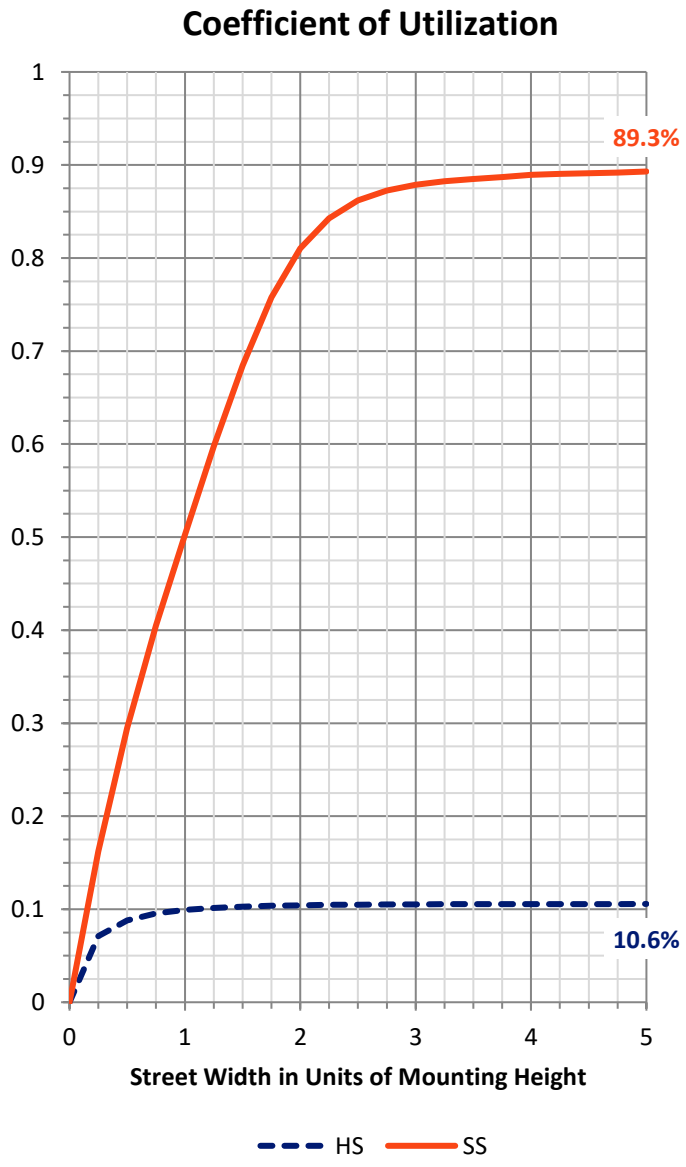
REPORT NUMBER: P1502675
CATALOG NUMBER: GSS-SB2C-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1064.5	0.0	1064.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	8939.8	0.0	8939.8
	% Fixture	89.4	0.0	89.4
Total	Lumens	10004.4	0.0	10004.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.1	2.2
10°-20°	482.1	4.8
20°-30°	777.0	7.8
30°-40°	1292.7	12.9
40°-50°	2043.1	20.4
50°-60°	2744.9	27.4
60°-70°	2015.0	20.1
70°-80°	398.8	4.0
80°-90°	34.6	0.3
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°	10004.4	100.0
0°-180°	10004.4	100.0



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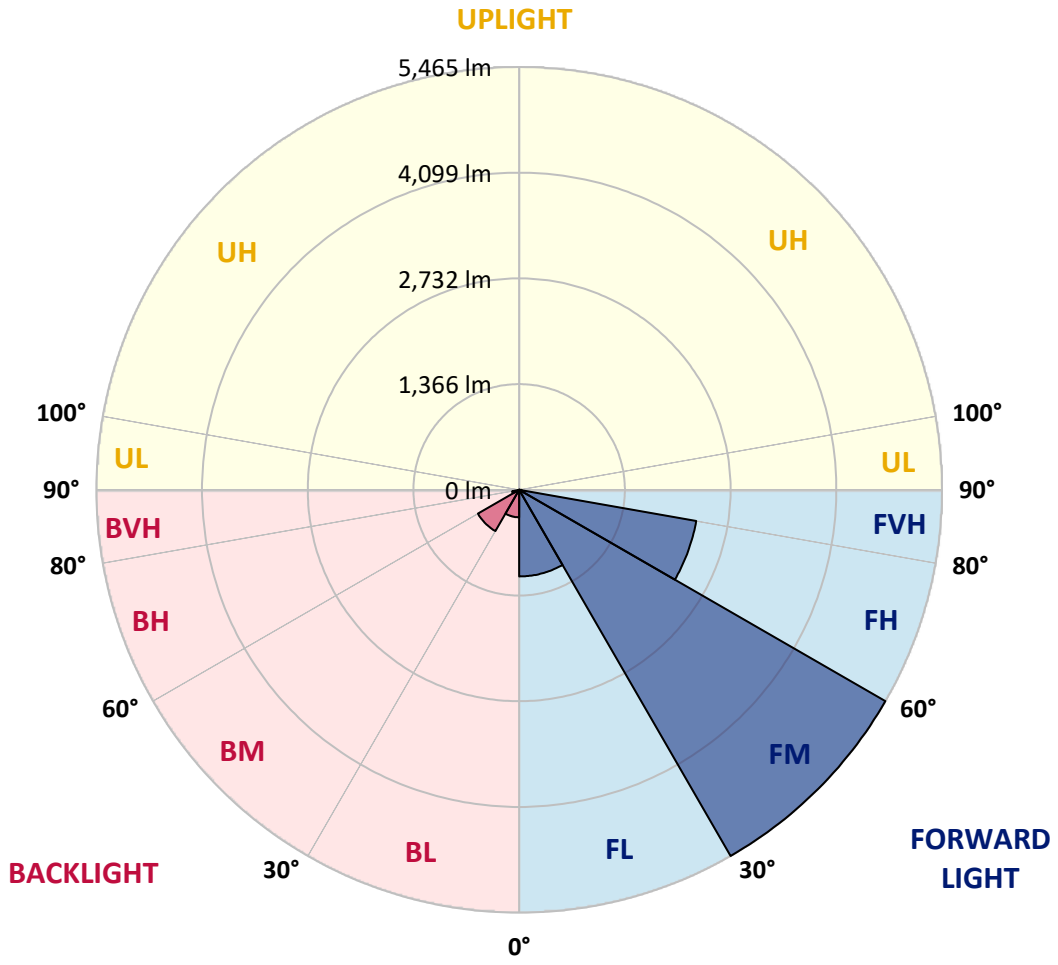
Scaled Data Report

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CATALOG NUMBER: GSS-SB2C-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1120.0	11.2			
FM	(30°-60°)	5464.9	54.6			
FH	(60°-80°)	2322.9	23.2			G2/5000
FVH	(80°-90°)	32.0	0.3			G1/100
BL	(0°-30°)	355.2	3.6	B1/500		
BM	(30°-60°)	615.8	6.2	B1/1000		
BH	(60°-80°)	90.9	0.9	B0/110		G0/110
BVH	(80°-90°)	2.6	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2
2.5°	2707.4	2718.7	2718.7	2696.2	2690.5	2679.3	2668.0	2665.2	2628.6	2600.4	2572.2
5°	2845.5	2842.7	2839.9	2828.6	2831.4	2817.3	2808.9	2794.8	2732.8	2690.5	2614.5
7.5°	2786.3	2811.7	2823.0	2853.9	2868.0	2865.2	2887.8	2893.4	2839.9	2780.7	2665.2
10°	2400.4	2386.3	2487.7	2620.1	2752.5	2783.5	2904.7	2969.5	2949.7	2896.2	2746.9
12.5°	1901.7	1915.8	1986.2	2141.2	2358.1	2425.7	2775.1	3031.4	3087.8	3054.0	2859.6
15°	1741.1	1741.1	1777.7	1851.0	1980.6	2045.4	2476.4	3023.0	3234.3	3237.1	3000.4
17.5°	1707.3	1712.9	1743.9	1791.8	1876.3	1904.5	2206.0	2899.0	3378.0	3428.7	3158.2
20°	1712.9	1721.4	1755.2	1822.8	1904.5	1938.3	2135.5	2741.3	3499.1	3637.2	3324.4
22.5°	1732.7	1729.8	1789.0	1879.2	1983.4	2014.4	2194.7	2676.5	3600.5	3876.6	3518.8
25°	1755.2	1758.0	1834.1	1960.9	2087.6	2124.3	2327.1	2735.6	3673.8	4133.0	3716.0
27.5°	1822.8	1831.3	1924.2	2062.3	2211.6	2259.5	2499.0	2890.6	3800.6	4380.9	3930.2
30°	1927.0	1935.5	2042.6	2208.8	2369.4	2442.6	2713.1	3085.0	3989.3	4668.3	4149.9
32.5°	2048.2	2059.5	2197.5	2389.1	2583.5	2653.9	2958.2	3380.8	4240.1	4961.3	4378.1
35°	2200.3	2231.3	2380.6	2608.8	2870.8	2938.5	3259.6	3716.0	4566.9	5223.3	4572.5
37.5°	2408.8	2434.2	2617.3	2901.8	3166.7	3256.8	3597.7	4068.2	4862.7	5457.1	4730.3
40°	2662.4	2684.9	2890.6	3200.5	3476.6	3552.6	3952.7	4423.2	5181.0	5586.7	4764.1
42.5°	3085.0	3146.9	3276.5	3538.6	3834.4	3930.2	4347.1	4766.9	5412.1	5612.1	4710.6
45°	3823.1	3842.8	3871.0	3995.0	4279.5	4364.0	4764.1	5065.5	5550.1	5617.7	4662.7
47.5°	4530.2	4597.9	4637.3	4693.7	4865.5	4896.5	5200.8	5333.2	5660.0	5598.0	4662.7
50°	5237.4	5288.1	5355.7	5423.3	5606.5	5617.7	5662.8	5513.5	5665.6	5437.4	4634.5
52.5°	5879.7	5896.6	6012.2	6141.8	6370.0	6431.9	6091.0	5645.9	5324.7	4930.3	4502.1
55°	6454.5	6477.0	6651.7	6916.5	7243.3	7325.0	6615.1	5389.5	4595.0	4273.9	4195.0
57.5°	6826.4	6879.9	7229.2	7812.4	8181.5	8144.9	7020.8	4789.4	3690.7	3496.3	3651.2
60°	6640.4	6713.7	7449.0	8564.6	9221.1	9114.0	6908.1	3941.4	2727.2	2586.3	2890.6
62.5°	5595.2	5730.4	6640.4	8787.2	9936.7	9919.8	6271.3	2811.7	1690.4	1653.8	1825.6
65°	3890.7	4124.6	5203.6	8043.4	9649.3	9674.7	5279.7	1636.9	783.2	972.0	1067.8
67.5°	2293.3	2459.5	3352.6	6567.2	8097.0	7863.1	3589.3	757.9	391.6	591.6	566.3
70°	1008.6	1121.3	1921.4	4550.0	5899.5	5521.9	1752.4	369.1	298.6	357.8	312.7
72.5°	555.0	605.7	1011.4	2403.2	3589.3	3411.8	591.6	245.1	256.4	267.6	225.4
75°	309.9	332.4	532.5	1388.9	1577.7	1467.8	287.4	160.6	216.9	216.9	166.2
77.5°	180.3	200.0	332.4	864.9	864.9	698.7	174.7	101.4	163.4	146.5	90.2
80°	84.5	95.8	183.1	478.9	546.6	450.8	98.6	70.4	107.1	93.0	59.2
82.5°	25.4	31.0	90.2	185.9	309.9	264.8	50.7	45.1	78.9	59.2	33.8
85°	16.9	19.7	45.1	76.1	152.1	132.4	16.9	14.1	33.8	28.2	14.1
87.5°	2.8	2.8	5.6	5.6	5.6	5.6	2.8	2.8	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

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Scaled Data Report

REPORT NUMBER: P1502675
CATALOG NUMBER: GSS-SB2C-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2	2541.2
2.5°	2555.3	2535.6	2490.5	2448.2	2425.7	2375.0	2355.3	2332.7	2321.5	2318.7	2301.7
5°	2566.6	2530.0	2417.3	2304.6	2186.2	2073.5	1958.0	1856.6	1774.9	1777.7	1780.5
7.5°	2600.4	2527.1	2329.9	2104.5	1851.0	1558.0	1245.3	1011.4	862.1	831.1	802.9
10°	2645.5	2538.4	2222.9	1805.9	1307.2	822.7	580.4	495.8	459.2	450.8	453.6
12.5°	2730.0	2566.6	2087.6	1394.6	724.1	473.3	419.8	405.7	400.1	400.1	400.1
15°	2834.2	2606.0	1876.3	912.8	473.3	394.4	383.2	380.3	374.7	374.7	377.5
17.5°	2921.6	2606.0	1597.4	594.5	388.8	366.3	357.8	355.0	355.0	357.8	355.0
20°	3017.3	2586.3	1284.7	448.0	360.6	340.9	335.3	335.3	335.3	338.1	338.1
22.5°	3116.0	2552.5	994.5	383.2	335.3	318.4	315.5	318.4	321.2	324.0	324.0
25°	3225.8	2510.2	786.0	355.0	312.7	298.6	298.6	298.6	301.5	307.1	309.9
27.5°	3347.0	2473.6	673.3	338.1	293.0	278.9	278.9	281.7	287.4	290.2	293.0
30°	3459.7	2473.6	636.7	346.5	284.5	267.6	262.0	264.8	270.5	276.1	276.1
32.5°	3600.5	2501.8	656.4	383.2	281.7	250.7	245.1	245.1	250.7	253.6	253.6
35°	3718.9	2555.3	724.1	433.9	293.0	236.7	225.4	222.6	228.2	225.4	228.2
37.5°	3814.6	2628.6	848.0	501.5	315.5	219.8	205.7	197.2	197.2	197.2	197.2
40°	3842.8	2701.8	1005.8	546.6	312.7	200.0	180.3	171.9	169.0	166.2	166.2
42.5°	3803.4	2735.6	1132.6	543.7	278.9	185.9	160.6	149.3	140.9	138.0	138.0
45°	3772.4	2752.5	1177.6	473.3	253.6	169.0	143.7	129.6	121.1	118.3	115.5
47.5°	3775.2	2769.4	1110.0	386.0	231.0	155.0	129.6	115.5	107.1	104.2	101.4
50°	3786.5	2741.3	941.0	321.2	211.3	140.9	115.5	104.2	95.8	93.0	90.2
52.5°	3668.1	2591.9	662.1	281.7	194.4	132.4	104.2	95.8	87.3	84.5	84.5
55°	3358.2	2234.1	448.0	250.7	180.3	121.1	95.8	90.2	81.7	76.1	76.1
57.5°	2862.4	1684.8	309.9	228.2	157.8	109.9	90.2	81.7	73.3	67.6	67.6
60°	2189.1	1098.8	225.4	208.5	129.6	101.4	84.5	78.9	67.6	62.0	59.2
62.5°	*1332.6*	*617.0*	*183.1*	*183.1*	*109.9*	*95.8*	*76.1*	*70.4*	*59.2*	*50.7*	*47.9*
65°	771.9	363.4	149.3	155.0	95.8	87.3	67.6	59.2	47.9	39.4	36.6
67.5°	371.9	211.3	118.3	109.9	84.5	73.3	59.2	50.7	42.3	33.8	31.0
70°	228.2	163.4	90.2	78.9	67.6	56.3	47.9	45.1	36.6	28.2	28.2
72.5°	185.9	132.4	70.4	56.3	50.7	39.4	39.4	36.6	28.2	22.5	19.7
75°	146.5	98.6	53.5	39.4	31.0	31.0	28.2	25.4	22.5	16.9	16.9
77.5°	78.9	67.6	39.4	22.5	16.9	19.7	19.7	16.9	14.1	11.3	11.3
80°	50.7	39.4	22.5	11.3	11.3	11.3	11.3	8.5	8.5	5.6	5.6
82.5°	25.4	19.7	11.3	2.8	5.6	5.6	5.6	5.6	5.6	2.8	2.8
85°	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
87.5°	0.0	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

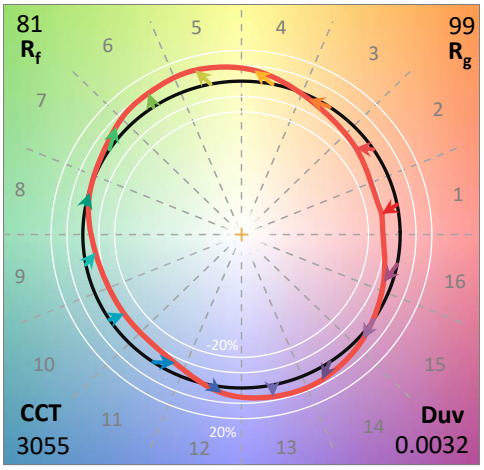
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

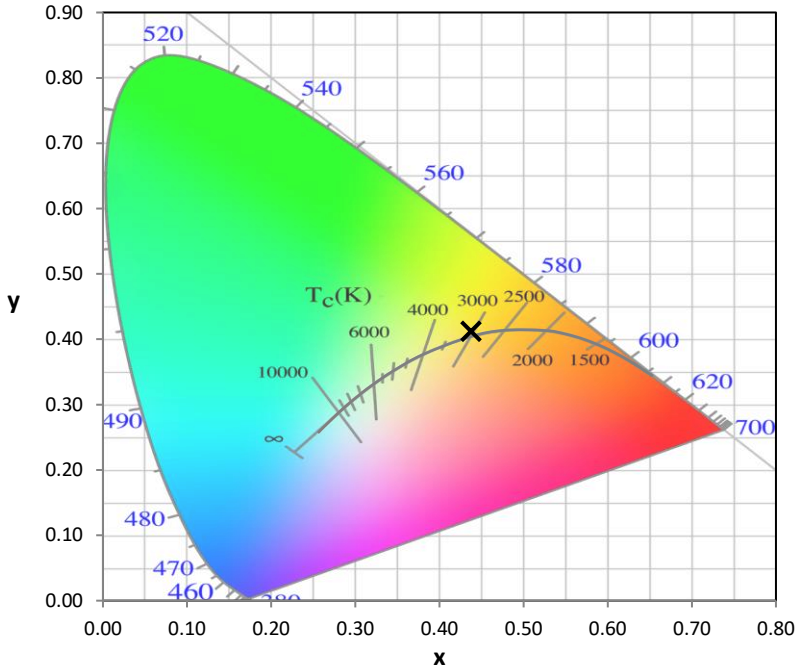
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

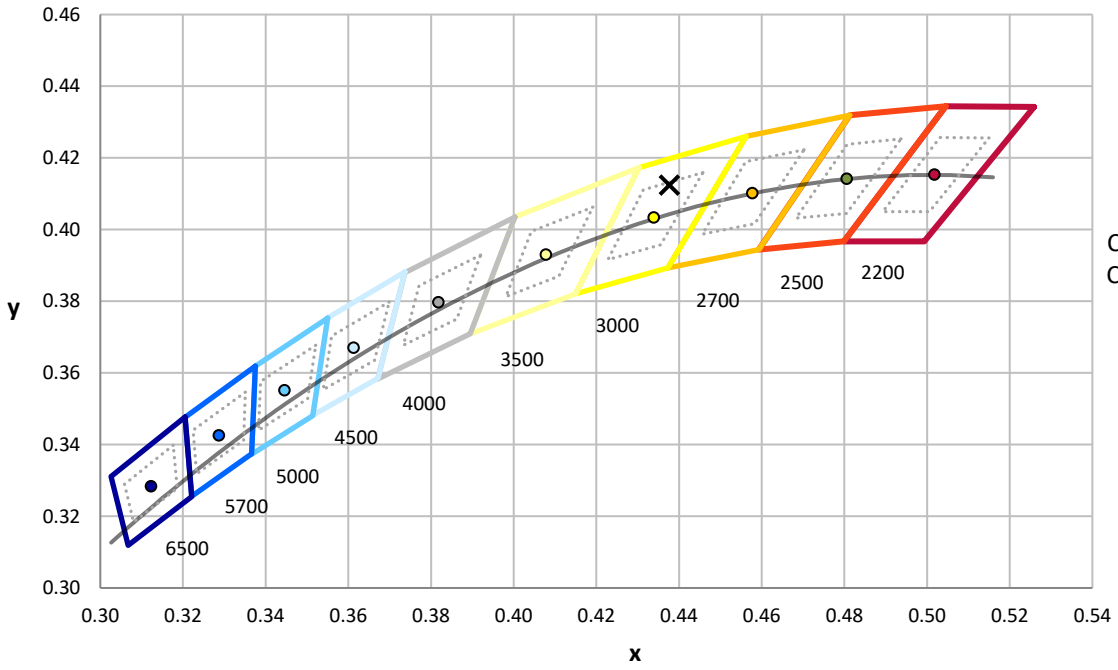
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

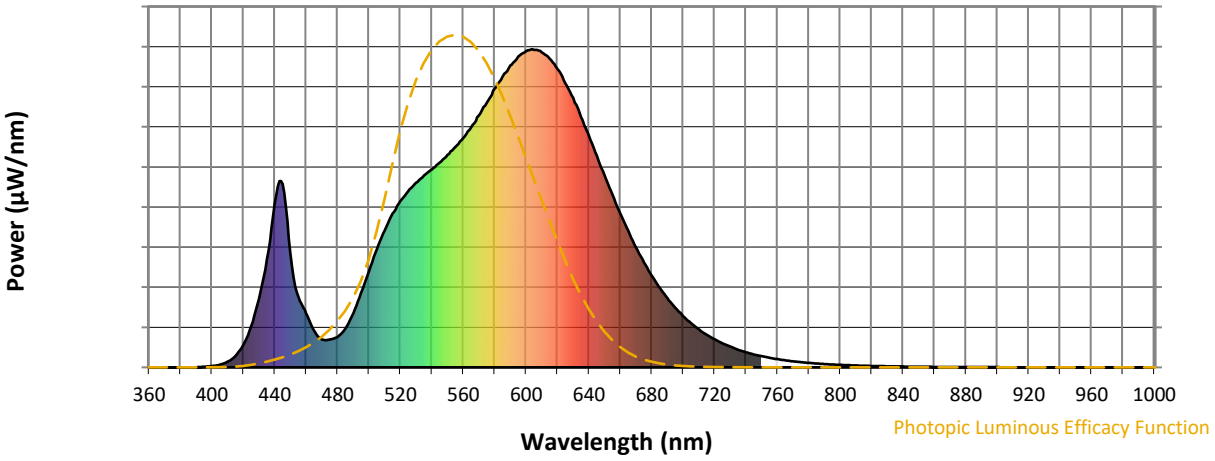


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

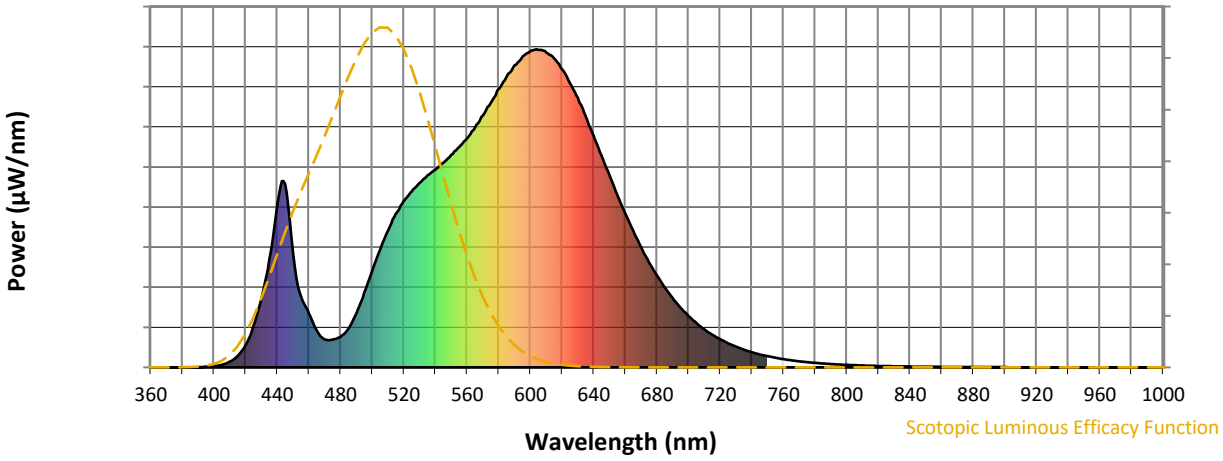


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

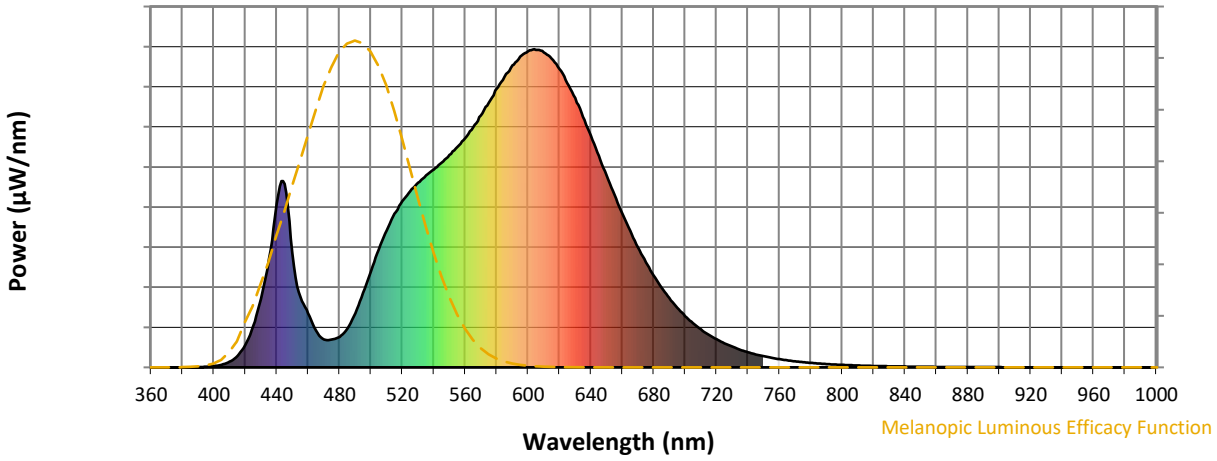


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

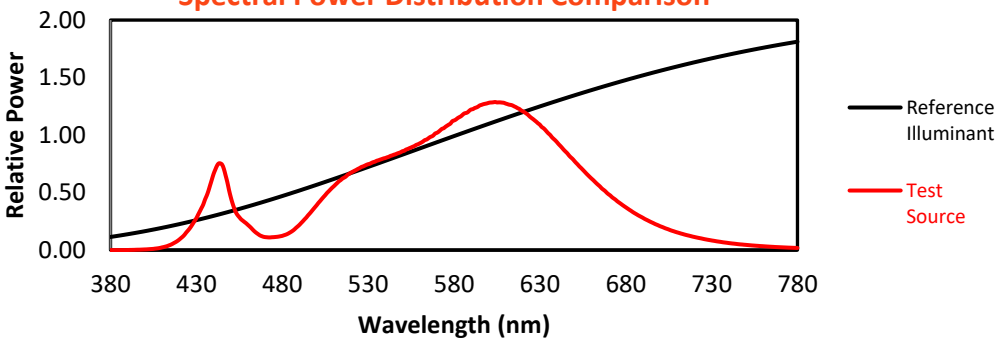
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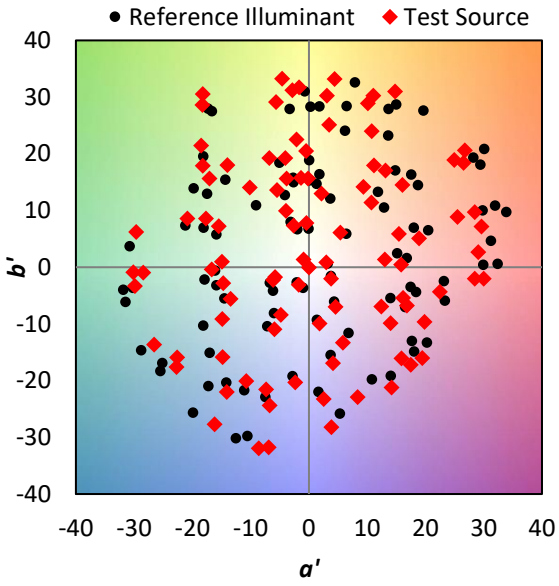
Summary

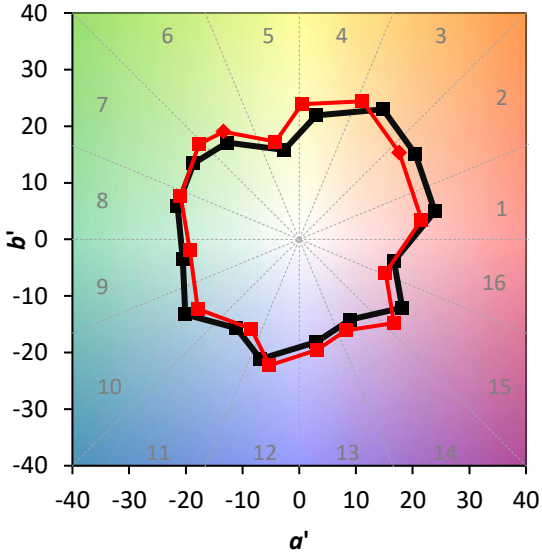
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

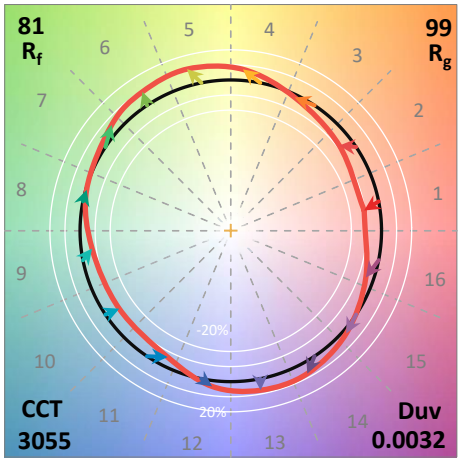
Spectral Power Distribution Comparison

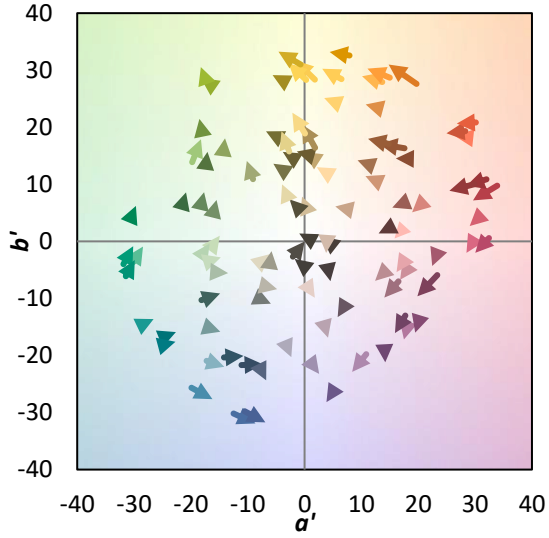


Color Vector Graphics







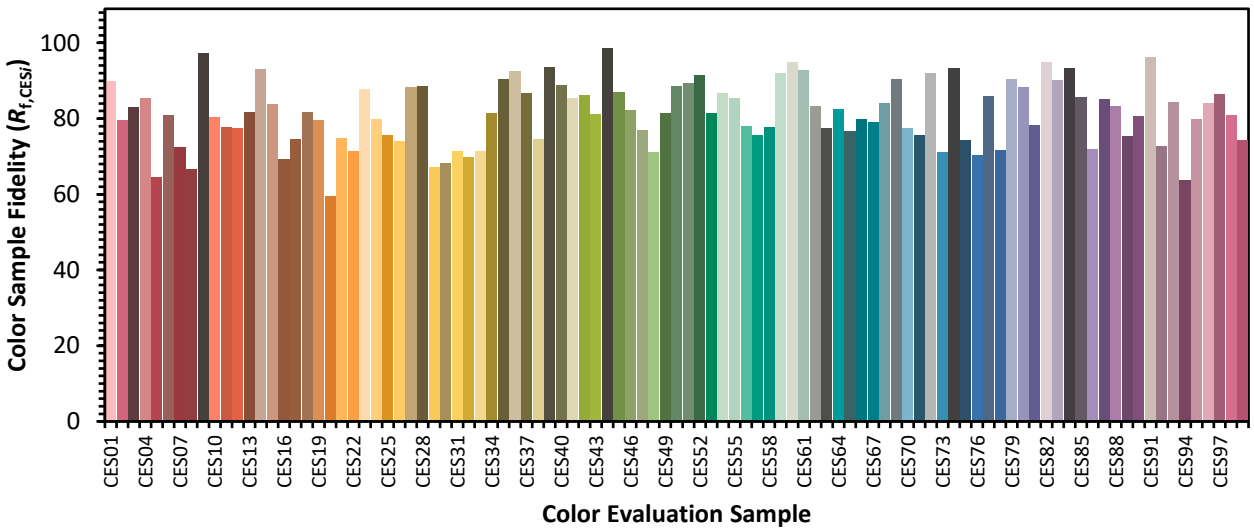


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Individual Sample Fidelity Index ($R_{f,i}$)

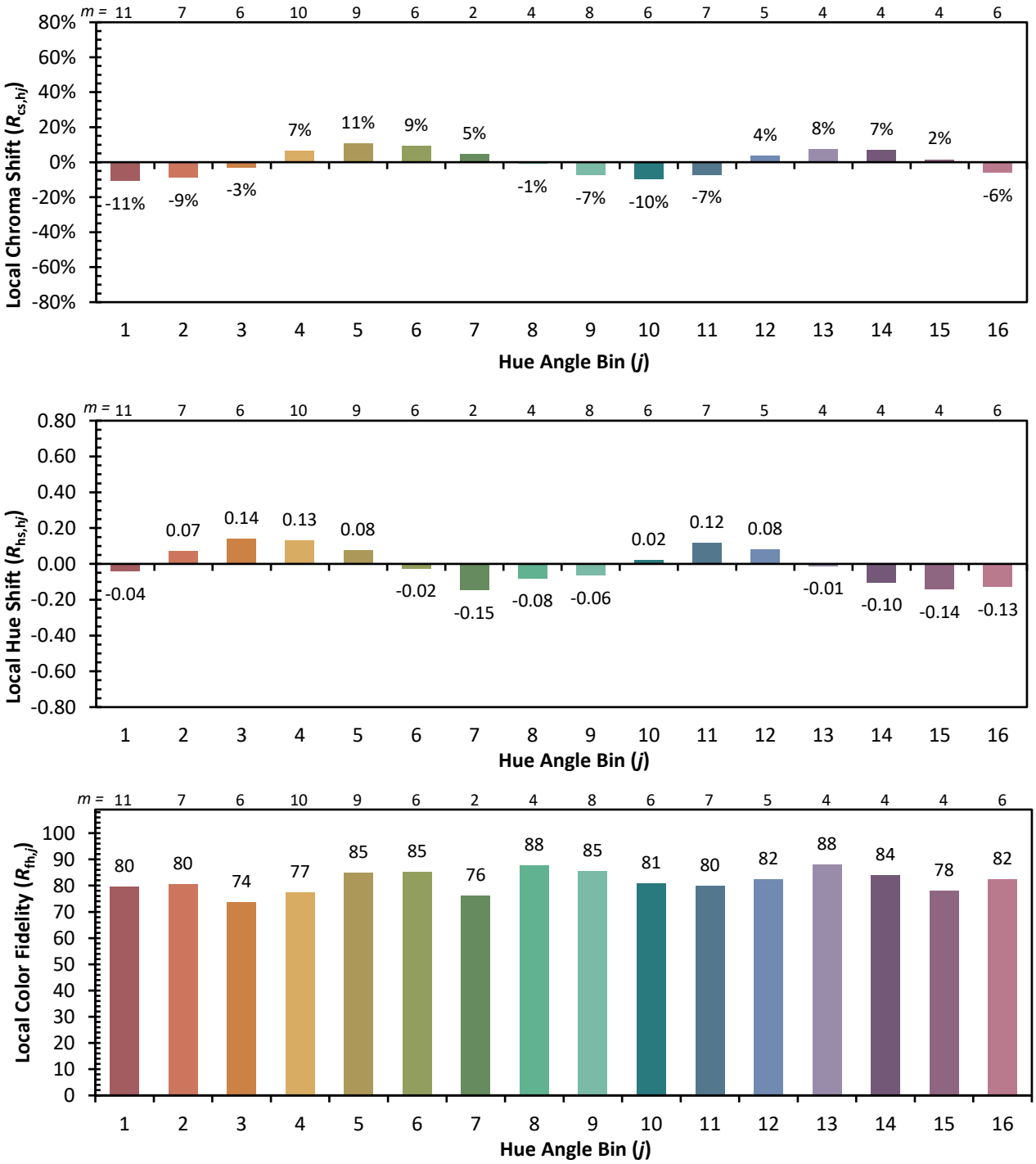
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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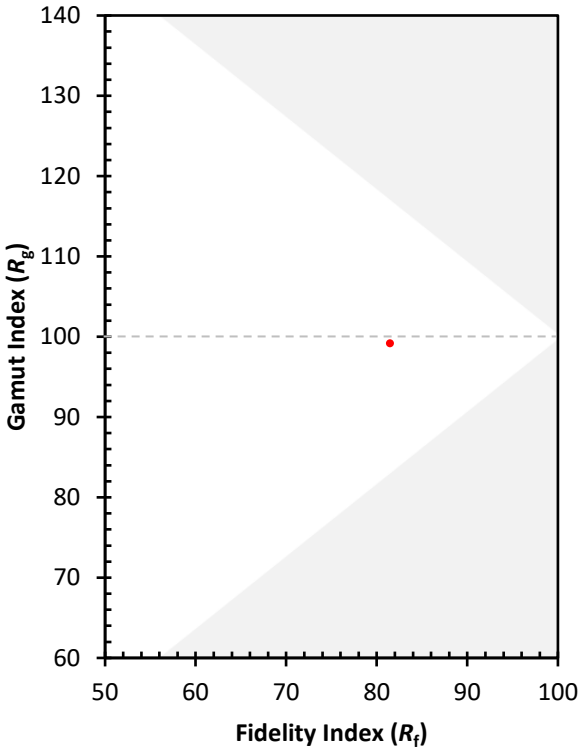
Color Rendition by Hue-Angle Bin

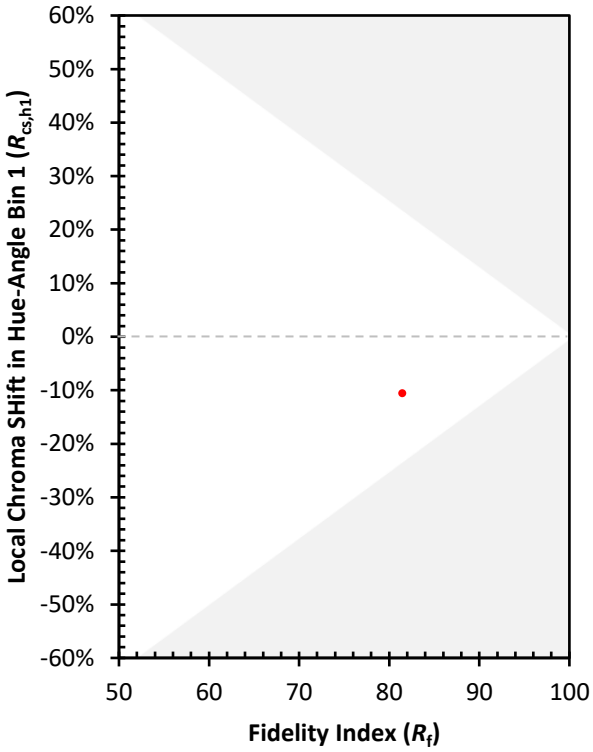


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Measure Comparisons





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