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: P1500755

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

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:	P1500755
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
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 102W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12441.7 lumens
Efficiency:	N/A
Efficacy:	122.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

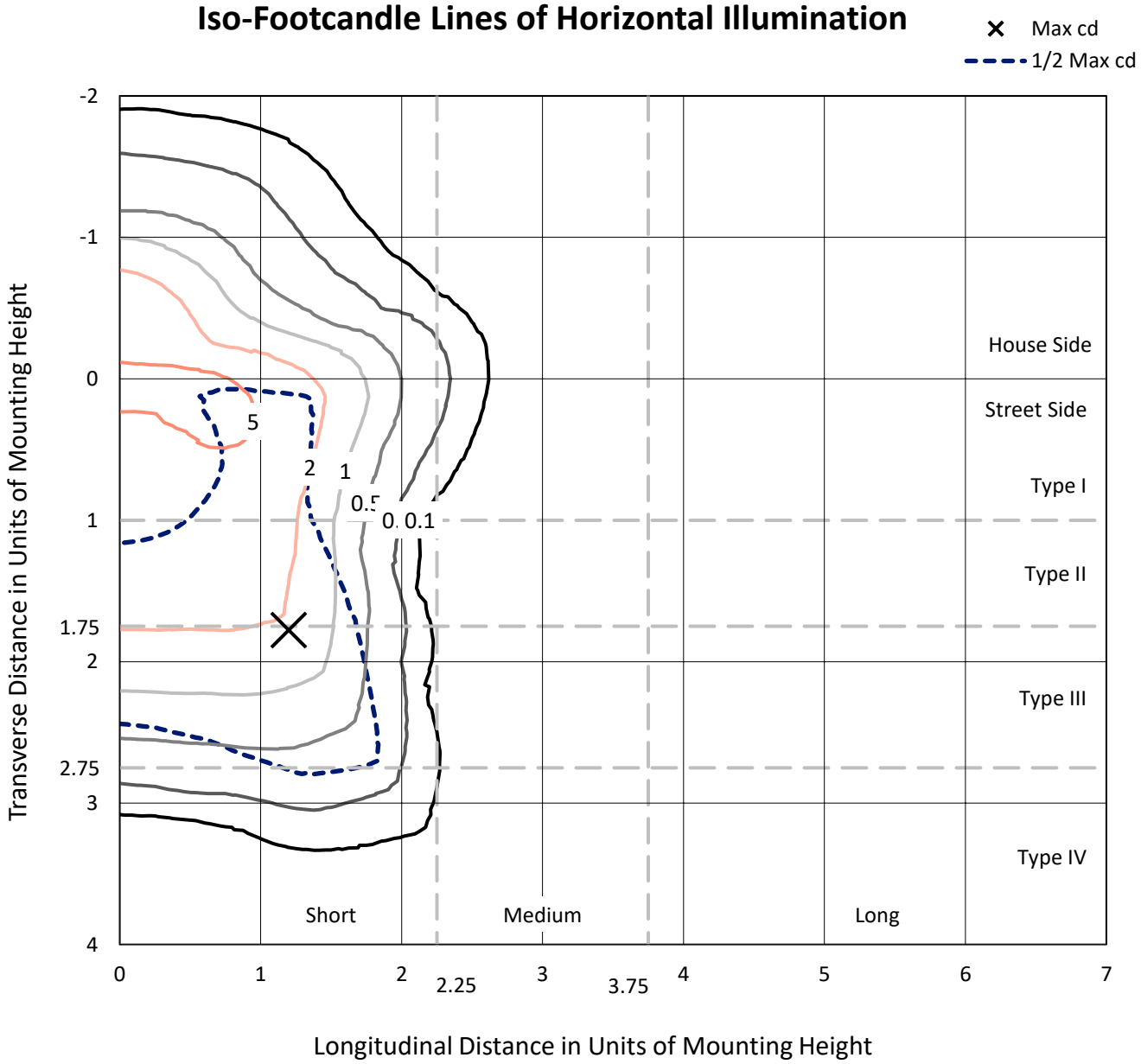
Input Watts (W):	102
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500755
CATALOG NUMBER: GSS-SB2C-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



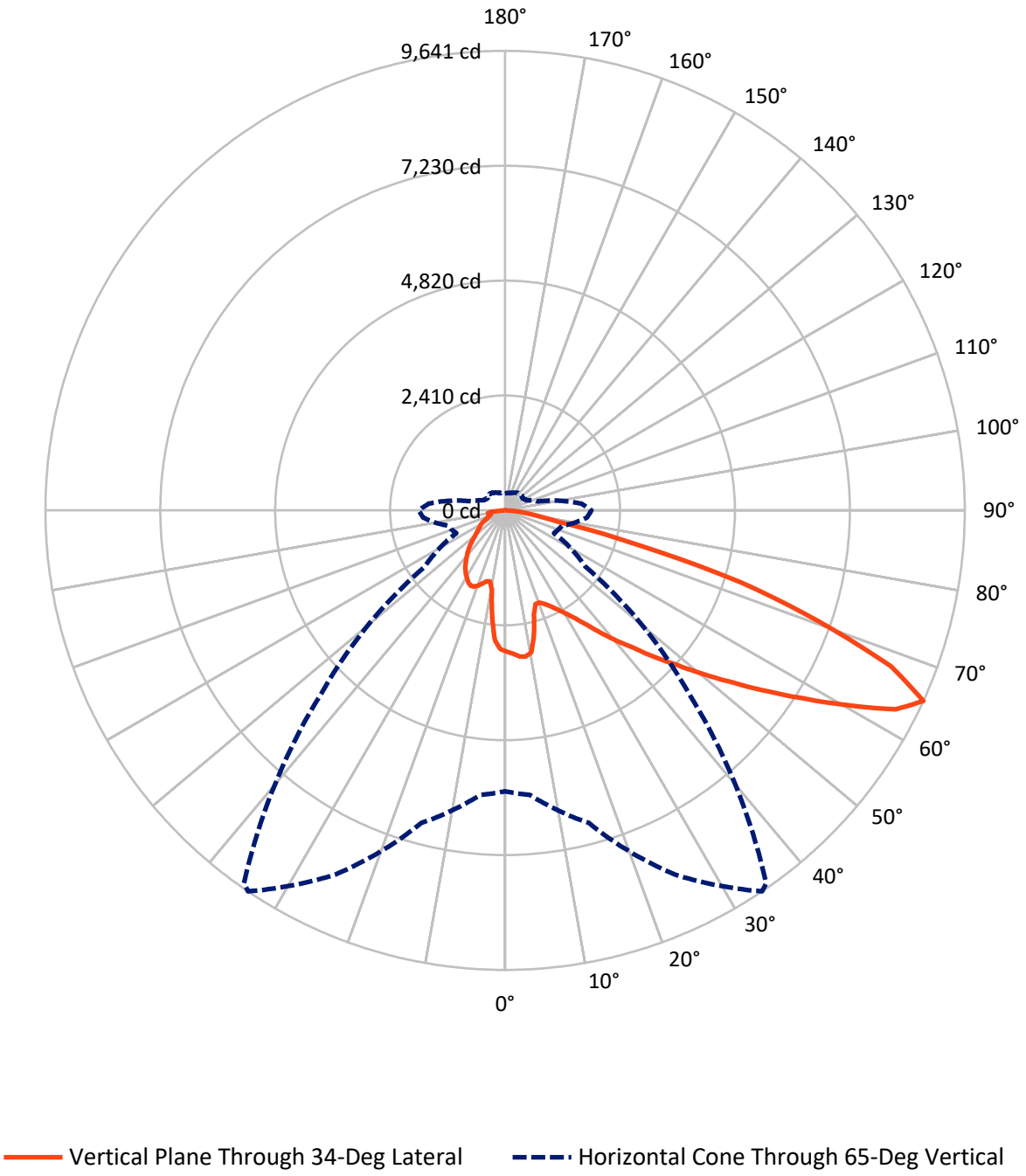
Based on 20 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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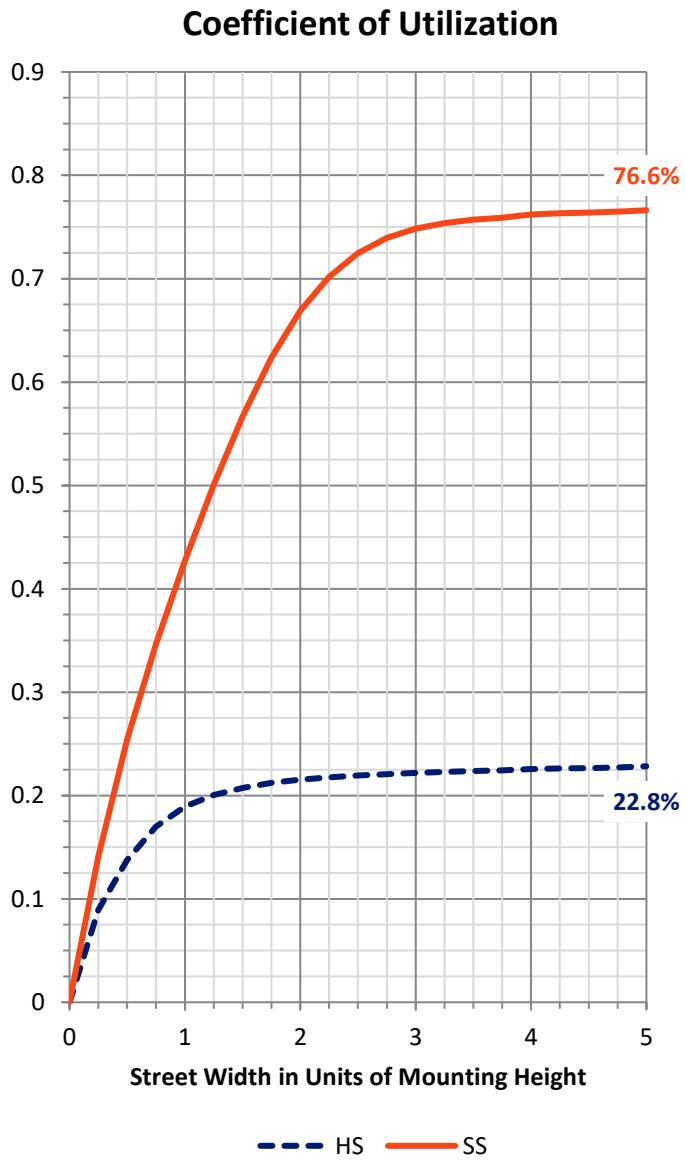
REPORT NUMBER: P1500755
CATALOG NUMBER: GSS-SB2C-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2894.6	0.0	2894.6
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	9547.0	0.0	9547.0
	% Fixture	76.7	0.0	76.7
Total	Lumens	12441.7	0.0	12441.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	266.7	2.1
10°-20°	671.2	5.4
20°-30°	1112.6	8.9
30°-40°	1673.2	13.4
40°-50°	2344.1	18.8
50°-60°	2955.6	23.8
60°-70°	2542.0	20.4
70°-80°	755.8	6.1
80°-90°	120.6	1.0
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°	12441.7	100.0
0°-180°	12441.7	100.0



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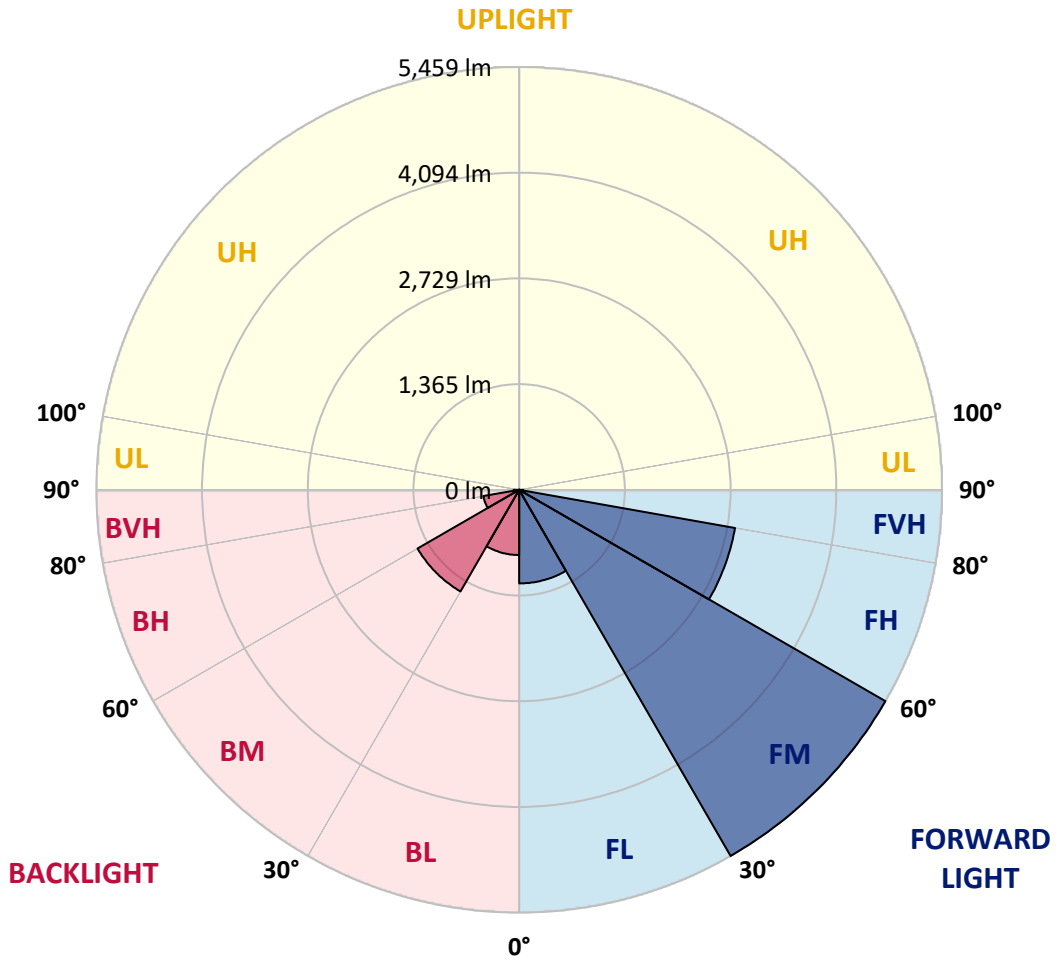
Scaled Data Report

REPORT NUMBER: P1500755
CATALOG NUMBER: GSS-SB2C-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1208.2	9.7			
FM	(30°-60°)	5458.5	43.9			
FH	(60°-80°)	2829.3	22.7			G2/5000
FVH	(80°-90°)	51.0	0.4			G1/100
BL	(0°-30°)	842.2	6.8	B2/1000		
BM	(30°-60°)	1514.4	12.2	B2/2500		
BH	(60°-80°)	468.5	3.8	B1/500		G1/500
BVH	(80°-90°)	69.6	0.6			G1/100
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°	34°	35°	45°	55°	65°	75°	85°
0°	2958.1	2958.1	2958.1	2958.1	*2958.1*	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1
2.5°	3014.4	3031.3	3011.6	3003.1	*3006.0*	3008.8	2994.7	2997.5	2980.6	2980.6	2966.5
5°	3079.2	3082.0	3070.8	3079.2	*3076.4*	3073.6	3073.6	3070.8	3034.1	3025.7	3011.6
7.5°	3042.6	3053.8	3059.5	3090.5	*3098.9*	3115.8	3127.1	3132.7	3104.6	3082.0	3045.4
10°	2707.3	2715.8	2780.6	2921.4	*3028.5*	3048.2	3152.4	3211.6	3191.9	3180.6	3118.6
12.5°	2163.6	2177.7	2250.9	2434.1	*2684.8*	2738.3	3070.8	3270.8	3315.8	3318.7	3228.5
15°	1929.8	1929.8	1952.3	2056.6	*2259.4*	2301.7	2791.8	3287.7	3448.3	3468.0	3358.1
17.5°	1881.9	1879.1	1893.2	1955.1	*2062.2*	2087.5	2470.7	3200.3	3606.0	3639.8	3499.0
20°	1879.1	1870.6	1898.8	1969.2	*2062.2*	2084.7	2321.4	3048.2	3730.0	3837.0	3639.8
22.5°	1881.9	1881.9	1921.3	2022.8	*2129.8*	2149.5	2349.5	2921.4	3831.4	4042.7	3789.1
25°	1912.9	1907.2	1963.6	2087.5	*2234.0*	2248.1	2465.1	2915.8	3918.7	4273.7	3969.4
27.5°	1963.6	1966.4	2042.5	2191.8	*2358.0*	2386.2	2625.6	3036.9	4025.8	4527.2	4144.1
30°	2070.6	2073.5	2163.6	2315.7	*2507.3*	2543.9	2811.6	3217.2	4177.9	4800.5	4332.9
32.5°	2191.8	2205.9	2315.7	2493.2	*2698.9*	2718.6	3039.8	3487.7	4406.1	5073.8	4535.7
35°	2394.6	2408.7	2532.7	2718.6	*2946.8*	2975.0	3318.7	3800.4	4685.0	5349.9	4693.5
37.5°	2656.6	2667.9	2789.0	3014.4	*3256.7*	3284.9	3628.6	4132.8	4966.7	5569.6	4834.3
40°	2969.3	2994.7	3124.3	3344.0	*3589.1*	3606.0	3966.6	4454.0	5271.0	5721.7	4890.7
42.5°	3310.2	3335.6	3468.0	3710.3	*3935.6*	3986.3	4332.9	4794.9	5518.9	5789.4	4845.6
45°	3746.9	3741.2	3865.2	4118.7	*4383.6*	4403.3	4724.4	5076.6	5668.2	5733.0	4800.5
47.5°	4276.5	4282.1	4361.0	4566.7	*4840.0*	4885.0	5132.9	5318.9	5755.5	5687.9	4749.8
50°	4873.8	4887.8	4955.5	5104.8	*5397.8*	5428.7	5502.0	5487.9	5809.1	5592.1	4769.5
52.5°	5471.0	5479.5	5569.6	5727.4	*6011.9*	6034.4	5873.9	5617.5	5609.0	5206.2	4727.3
55°	5961.2	5958.4	6119.0	6361.2	*6707.8*	6693.7	6240.1	5518.9	4983.6	4606.1	4538.5
57.5°	6386.6	6403.5	6612.0	7031.7	*7468.4*	7457.1	6631.7	4997.7	4070.9	3896.2	4231.4
60°	6769.7	6809.2	7200.8	7829.0	*8310.7*	8243.1	6702.1	4211.7	3166.5	3051.0	3622.9
62.5°	6603.5	6676.8	7305.0	8530.5	*9192.5*	9043.2	6268.3	3262.3	2143.9	2039.7	2560.8
65°	*5893.6*	*5992.2*	*6789.5*	*8429.1*	*9640.5*	*9547.5*	*5479.5*	*2050.9*	*1129.7*	*1239.6*	*1724.1*
67.5°	4949.8	5068.1	5930.2	7572.6	*8722.1*	8522.0	4256.8	1079.0	526.8	817.0	1070.5
70°	2713.0	3006.0	4287.8	6440.1	*6986.7*	6707.8	2462.2	509.9	383.1	509.9	639.5
72.5°	1019.8	1090.3	1859.4	4330.0	*5175.2*	4831.5	935.3	329.6	321.2	377.5	462.0
75°	490.2	524.0	808.5	1969.2	*2825.7*	2634.1	459.2	245.1	276.1	295.8	335.2
77.5°	293.0	315.5	504.3	1143.8	*1112.8*	1022.6	281.7	188.8	222.6	211.3	197.2
80°	174.7	194.4	307.1	650.8	*670.5*	594.4	171.8	132.4	154.9	135.2	121.1
82.5°	101.4	109.9	160.6	293.0	*425.4*	391.6	98.6	78.9	112.7	90.2	67.6
85°	50.7	53.5	73.2	126.8	*211.3*	160.6	42.3	36.6	53.5	39.4	22.5
87.5°	11.3	11.3	11.3	14.1	*19.7*	19.7	5.6	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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Scaled Data Report

REPORT NUMBER: P1500755
CATALOG NUMBER: GSS-SB2C-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1	2958.1
2.5°	2963.7	2969.3	2949.6	2927.1	2921.4	2904.5	2910.2	2898.9	2882.0	2884.8	2887.6
5°	2991.9	2980.6	2941.2	2890.4	2845.4	2794.7	2735.5	2667.9	2620.0	2600.3	2617.2
7.5°	3017.2	3006.0	2938.3	2825.7	2673.5	2462.2	2242.5	2042.5	1904.4	1853.7	1865.0
10°	3087.7	3042.6	2918.6	2673.5	2310.1	1910.1	1687.5	1563.5	1521.3	1498.8	1501.6
12.5°	3180.6	3118.6	2882.0	2408.7	1859.4	1605.8	1526.9	1498.8	1484.7	1479.0	1484.7
15°	3293.3	3197.5	2794.7	2076.3	1650.9	1552.3	1535.4	1538.2	1538.2	1541.0	1541.0
17.5°	3391.9	3242.6	2636.9	1836.8	1608.6	1580.5	1597.4	1611.4	1611.4	1614.3	1611.4
20°	3482.1	3265.1	2434.1	1735.4	1617.1	1631.2	1670.6	1684.7	1687.5	1684.7	1684.7
22.5°	3577.8	3279.2	2231.2	1679.1	1636.8	1679.1	1721.3	1741.0	1746.7	1749.5	1752.3
25°	3670.8	3251.1	2065.0	1634.0	1628.3	1687.5	1735.4	1760.8	1766.4	1766.4	1769.2
27.5°	3763.8	3242.6	1952.3	1574.8	1588.9	1636.8	1693.1	1726.9	1749.5	1752.3	1755.1
30°	3870.8	3217.2	1845.3	1495.9	1501.6	1560.7	1619.9	1679.1	1724.1	1743.8	1743.8
32.5°	3944.1	3191.9	1749.5	1411.4	1411.4	1473.4	1546.6	1619.9	1684.7	1724.1	1732.6
35°	4014.5	3169.4	1665.0	1326.9	1329.7	1388.9	1464.9	1543.8	1625.5	1673.4	1696.0
37.5°	4051.1	3146.8	1605.8	1262.1	1250.8	1312.8	1363.5	1428.3	1515.7	1594.5	1614.3
40°	4059.6	3146.8	1600.2	1217.0	1169.1	1239.6	1262.1	1307.2	1386.1	1470.6	1501.6
42.5°	4003.2	3115.8	1628.3	1188.9	1084.6	1135.3	1160.7	1183.2	1233.9	1304.4	1329.7
45°	3935.6	3073.6	1653.7	1149.4	980.4	1019.8	1059.3	1062.1	1084.6	1101.5	1118.4
47.5°	3879.3	3028.5	1608.6	1076.2	873.3	901.5	943.8	943.8	932.5	898.7	887.4
50°	3924.4	3042.6	1532.6	971.9	774.7	794.5	839.5	814.2	788.8	718.4	709.9
52.5°	3963.8	3096.1	1442.4	870.5	690.2	709.9	755.0	715.6	664.9	608.5	600.1
55°	3899.0	3098.9	1276.2	757.8	631.1	648.0	690.2	642.3	594.4	560.6	555.0
57.5°	3704.6	3014.4	1101.5	670.5	580.3	597.2	636.7	588.8	543.7	540.9	555.0
60°	3276.4	2718.6	940.9	614.2	532.5	552.2	591.6	540.9	481.7	456.4	464.8
62.5°	2473.5	2090.4	805.7	549.4	487.4	512.7	540.9	459.2	408.5	397.2	386.0
65°	*1808.6*	*1605.8*	*724.0*	*498.6*	*445.1*	*476.1*	*453.6*	*408.5*	*374.7*	*363.4*	*357.8*
67.5°	1169.1	1090.3	622.6	450.8	405.7	431.0	400.0	377.5	340.9	335.2	343.7
70°	715.6	740.9	521.2	397.2	366.2	360.6	366.2	343.7	304.3	312.7	324.0
72.5°	507.1	546.5	447.9	346.5	312.7	301.4	326.8	312.7	284.5	293.0	304.3
75°	363.4	405.7	369.1	284.5	264.8	259.2	304.3	312.7	293.0	298.6	307.1
77.5°	214.1	259.2	262.0	219.7	200.0	231.0	324.0	360.6	346.5	329.6	321.2
80°	138.0	154.9	185.9	140.9	140.9	200.0	355.0	439.5	377.5	335.2	329.6
82.5°	70.4	81.7	121.1	90.2	84.5	149.3	349.3	419.8	416.9	371.9	363.4
85°	19.7	25.4	56.3	39.4	33.8	78.9	262.0	315.5	281.7	205.7	208.5
87.5°	2.8	2.8	0.0	0.0	2.8	11.3	31.0	5.6	5.6	5.6	5.6
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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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

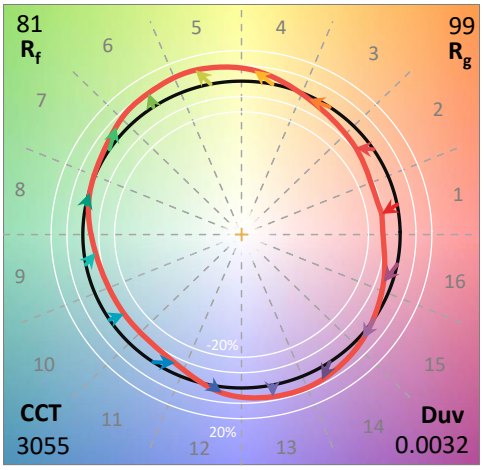
Test Information

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

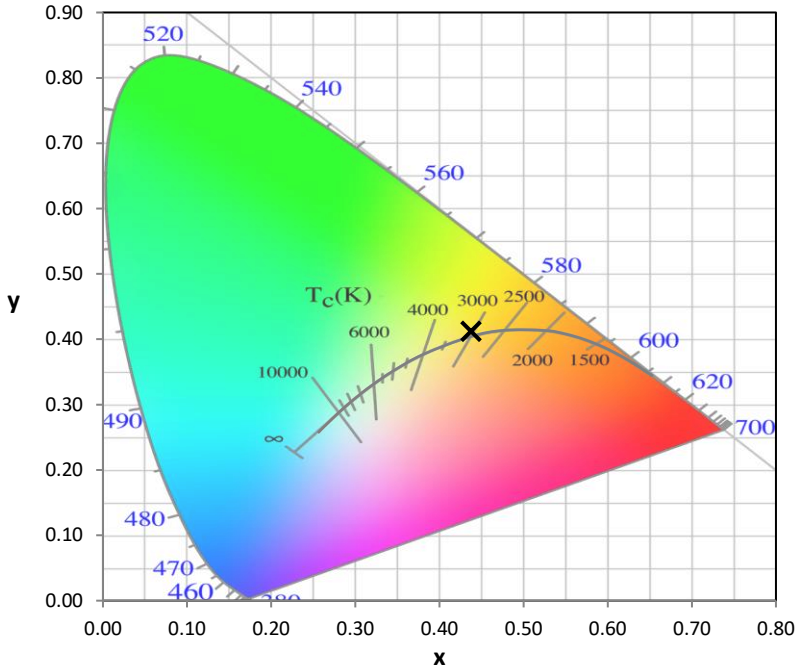
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

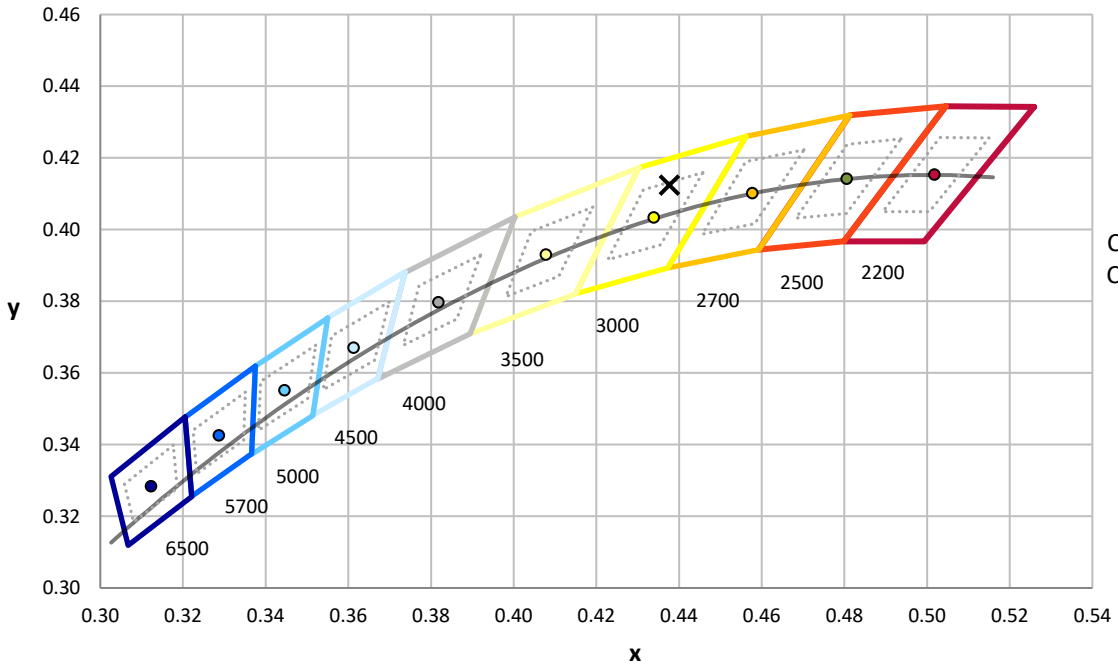
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

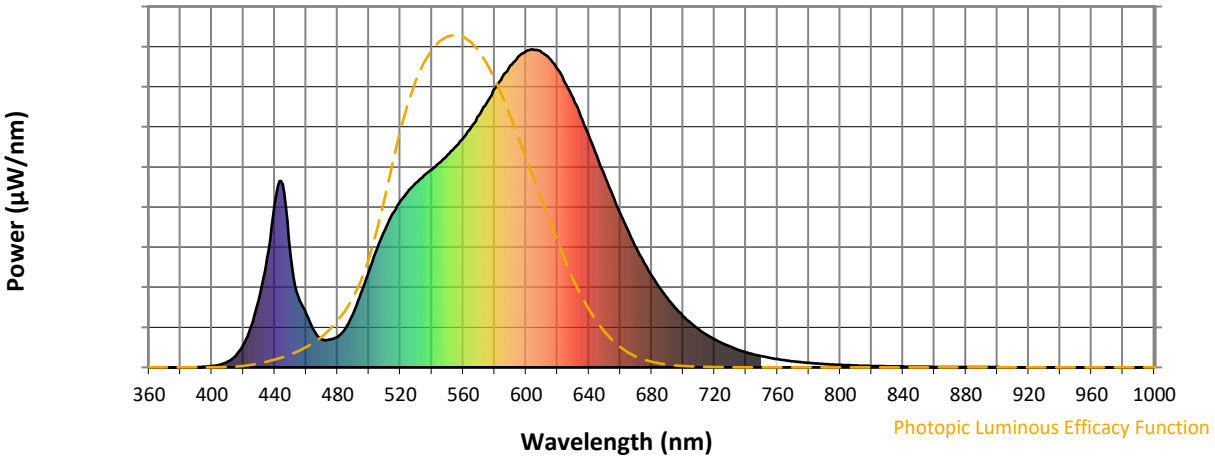


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

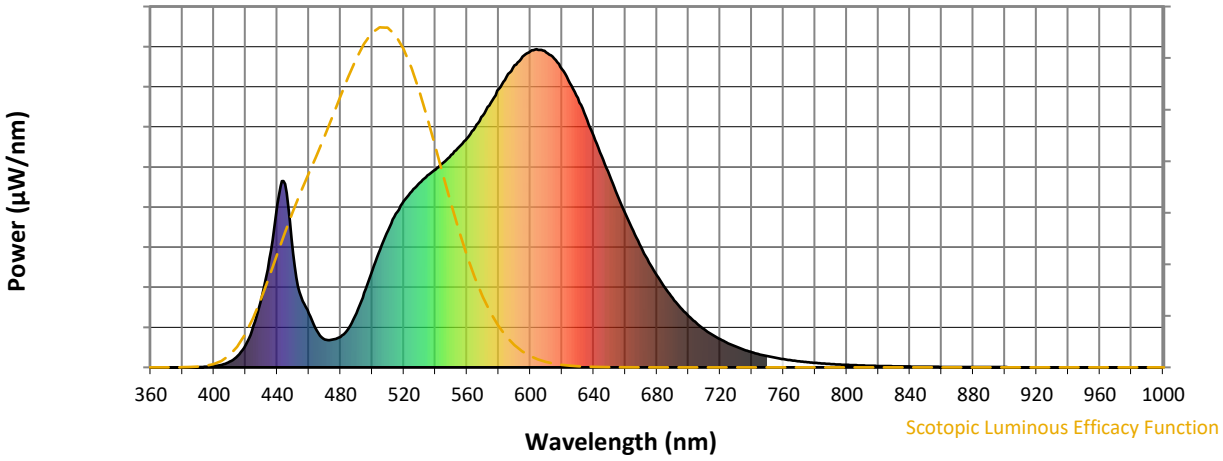


Photopic Lumens: NR

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	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

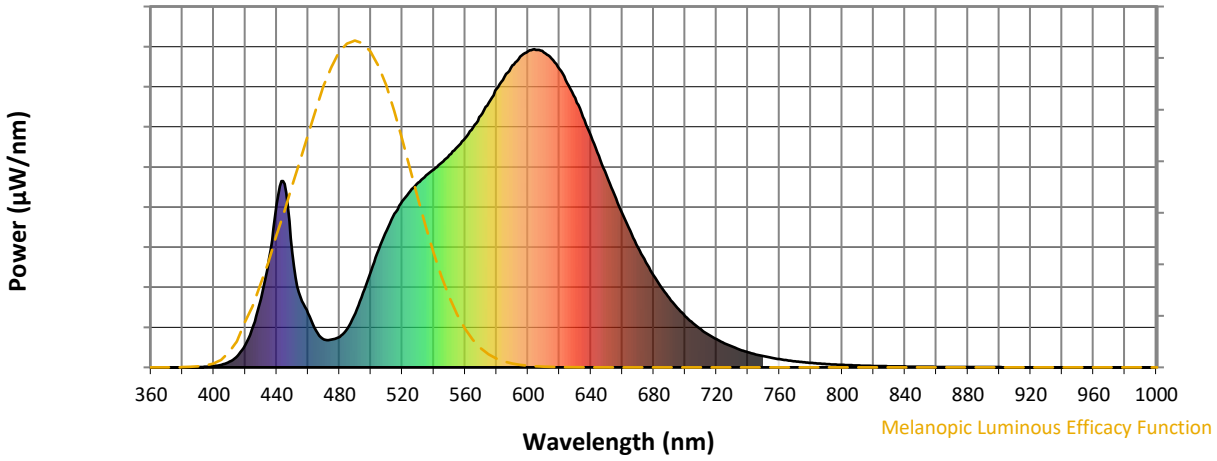


Scotopic Lumens: NR **S/P: 1.28**

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			

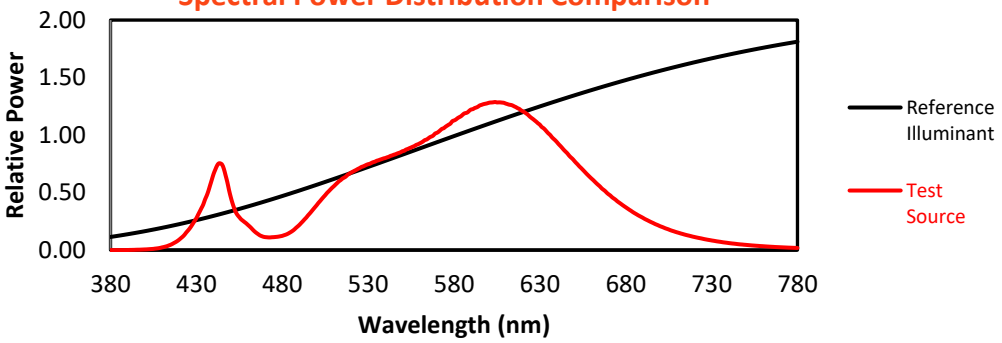
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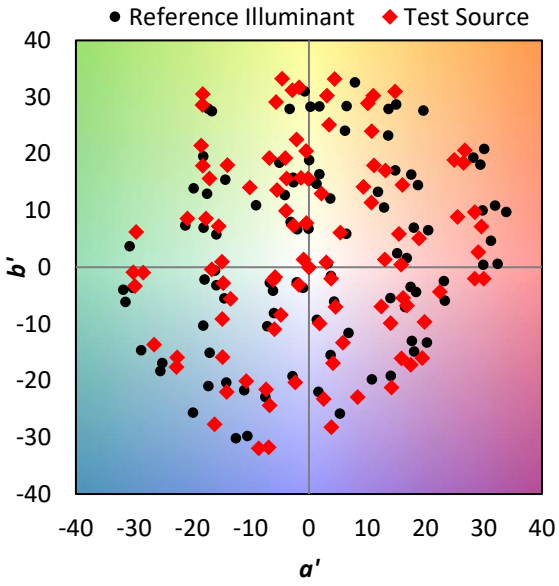
Summary

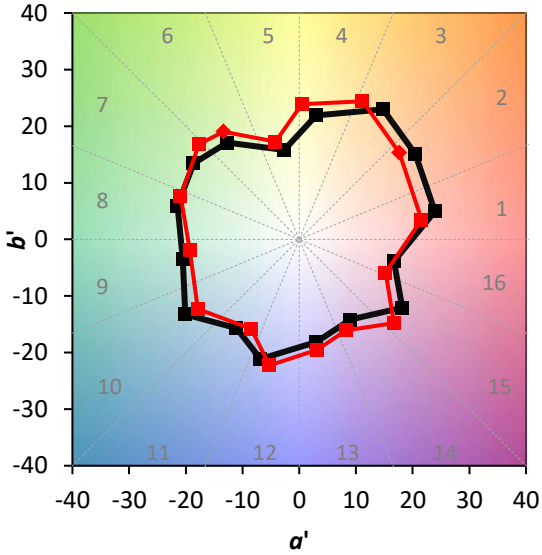
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

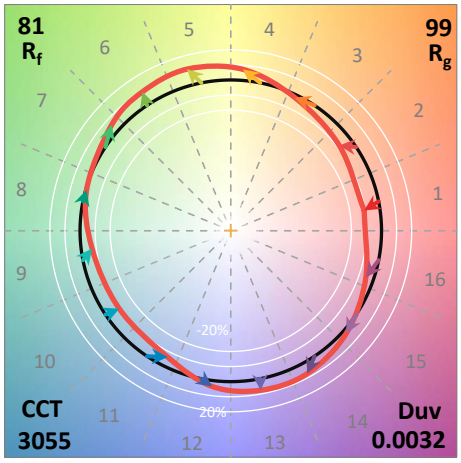
Spectral Power Distribution Comparison

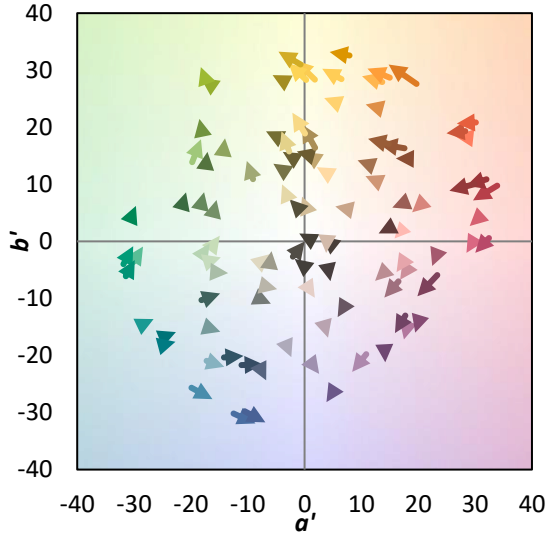


Color Vector Graphics







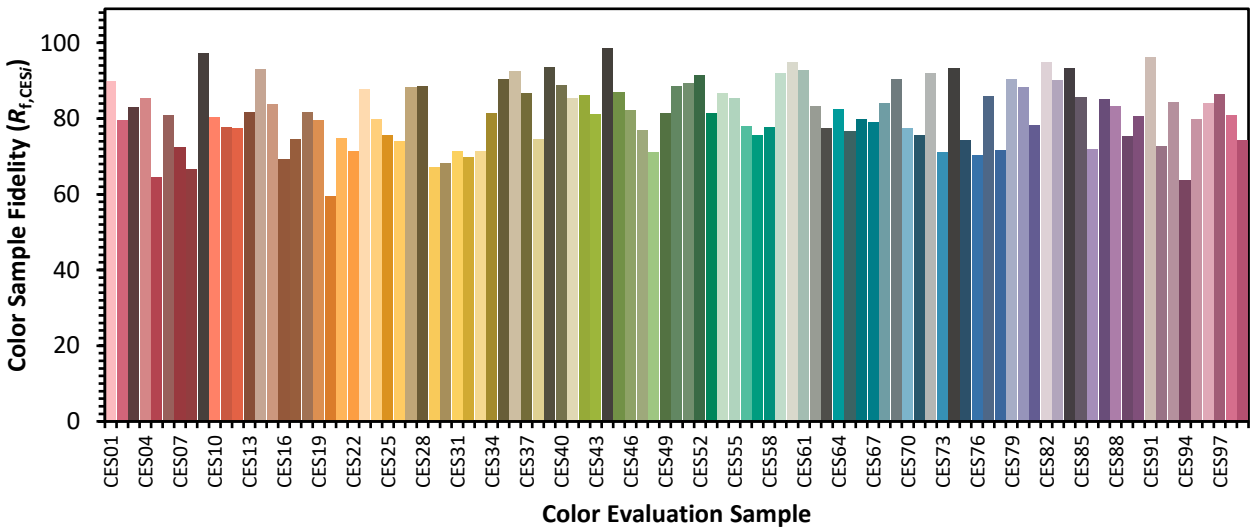


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Individual Sample Fidelity Index ($R_{f,i}$)

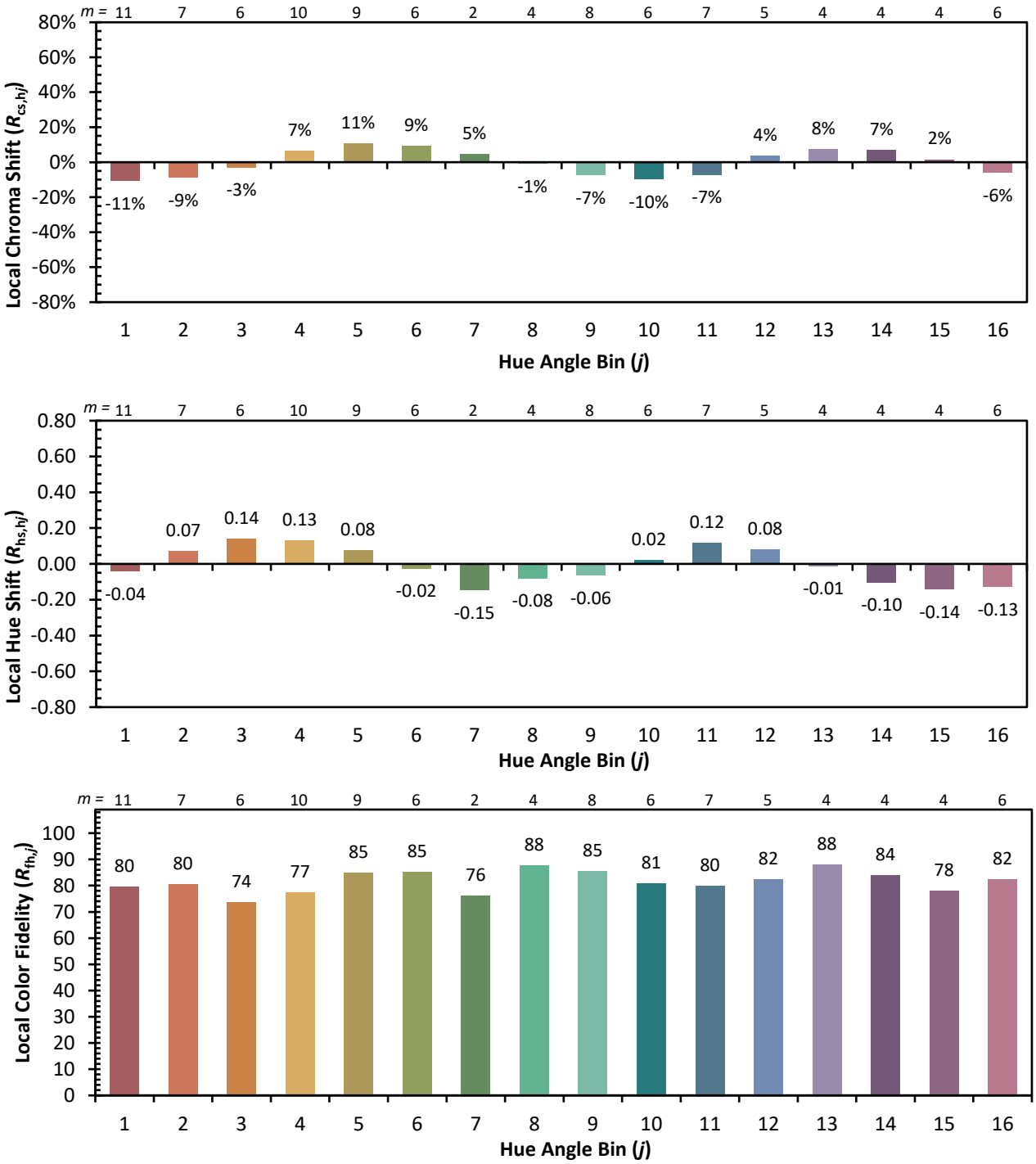
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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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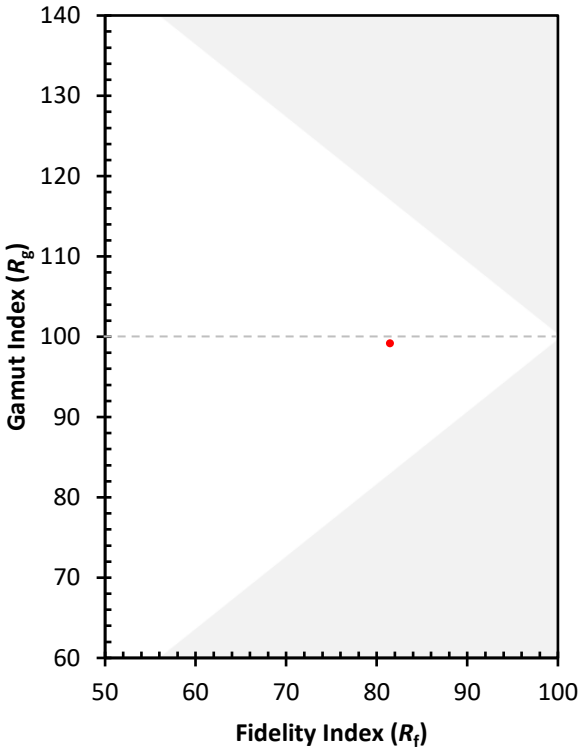
Color Rendition by Hue-Angle Bin

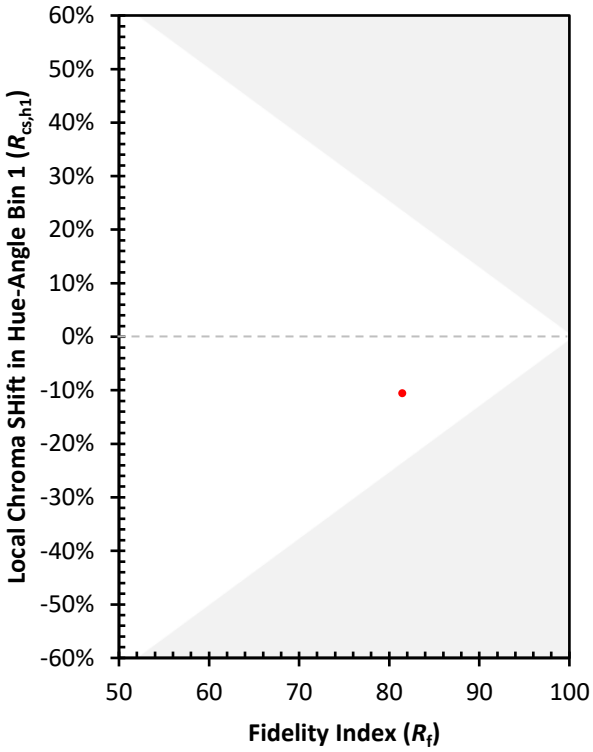


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Measure Comparisons





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