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: P1500756

Luminaire Tested: GSS-SB2D-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:	P1500756
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 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:	17101.1 lumens
Efficiency:	N/A
Efficacy:	116.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

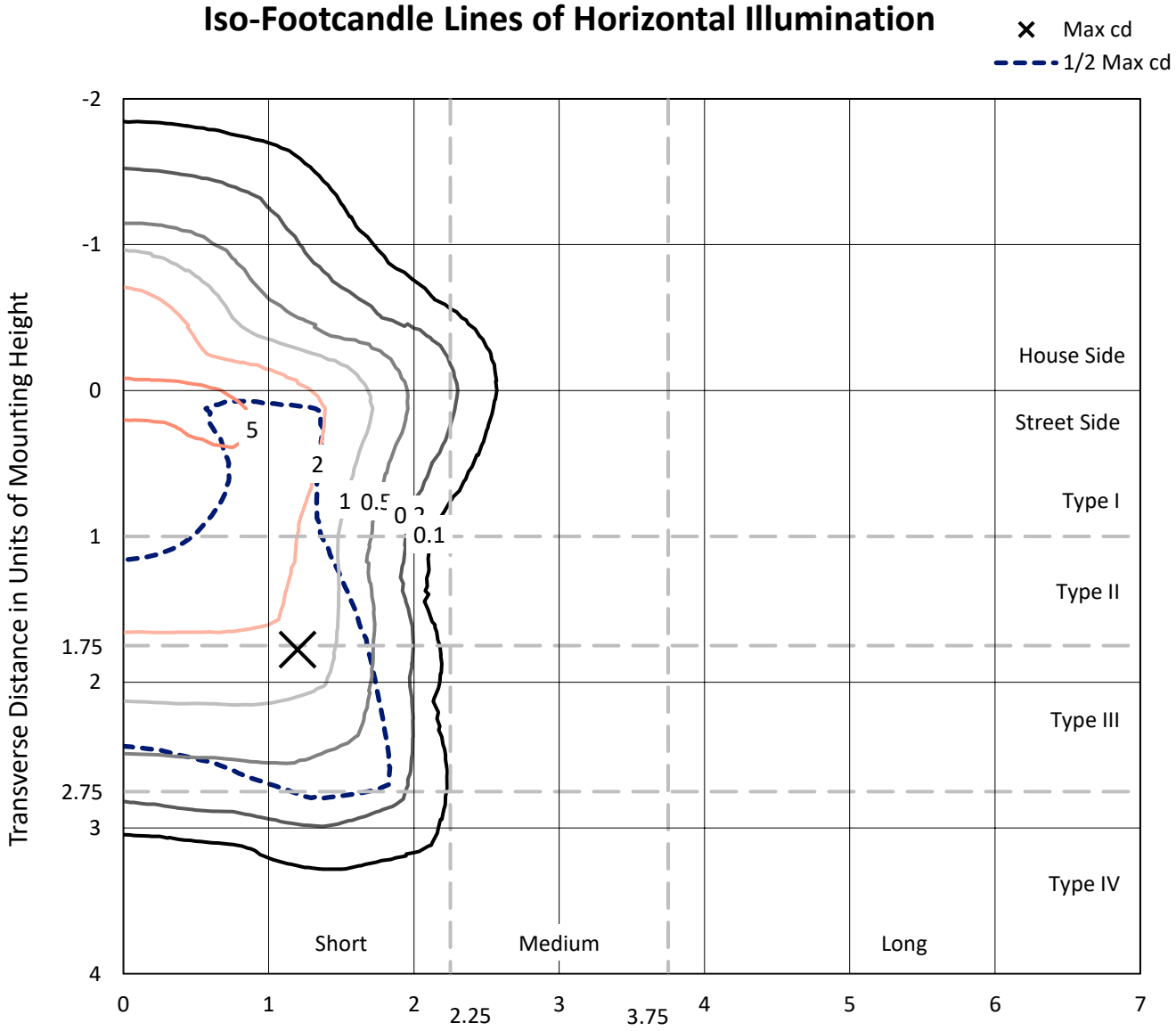
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500756
CATALOG NUMBER: GSS-SB2D-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



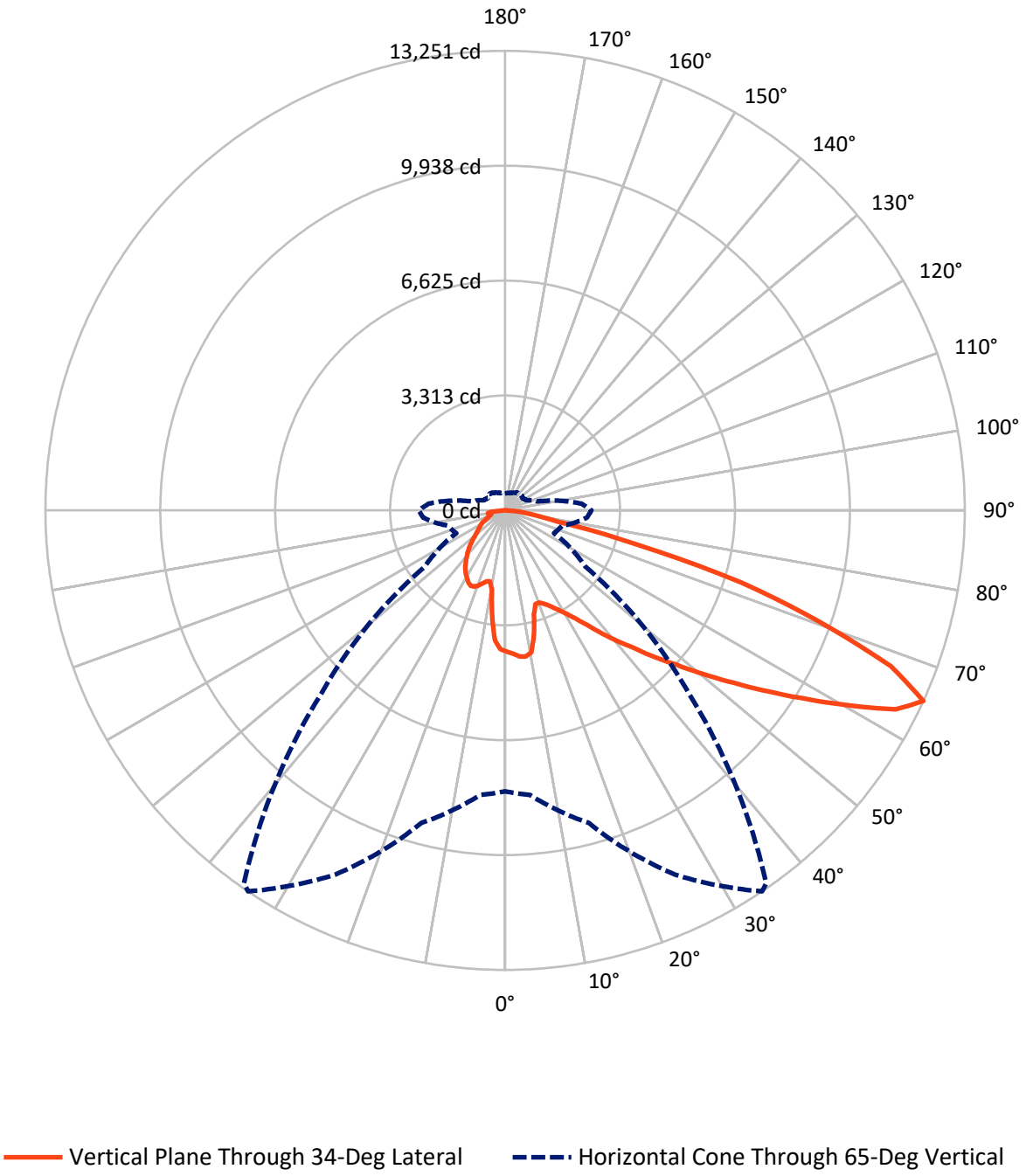
Based on 25 foot mounting height. Maximum calculated value = 6.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1500756
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Luminous Intensity Polar Plot



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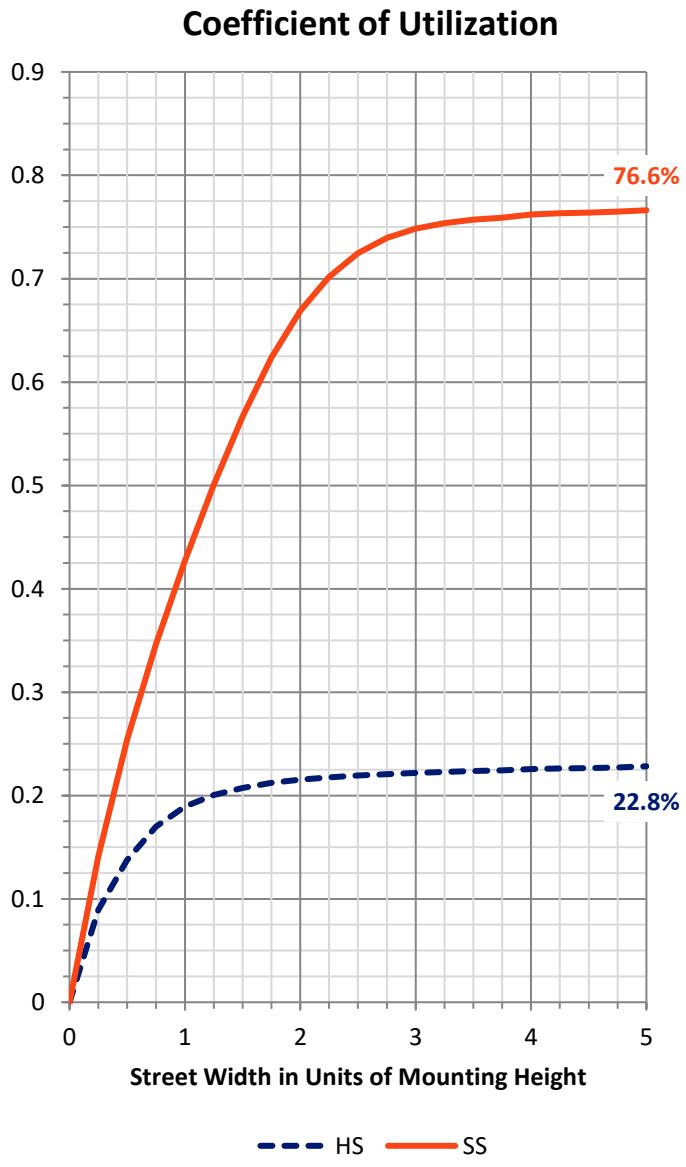
REPORT NUMBER: P1500756
CATALOG NUMBER: GSS-SB2D-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3978.7	0.0	3978.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	13122.4	0.0	13122.4
	% Fixture	76.7	0.0	76.7
Total	Lumens	17101.1	0.0	17101.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.5	2.1
10°-20°	922.5	5.4
20°-30°	1529.2	8.9
30°-40°	2299.8	13.4
40°-50°	3222.0	18.8
50°-60°	4062.4	23.8
60°-70°	3494.0	20.4
70°-80°	1038.8	6.1
80°-90°	165.7	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°	17101.1	100.0
0°-180°	17101.1	100.0



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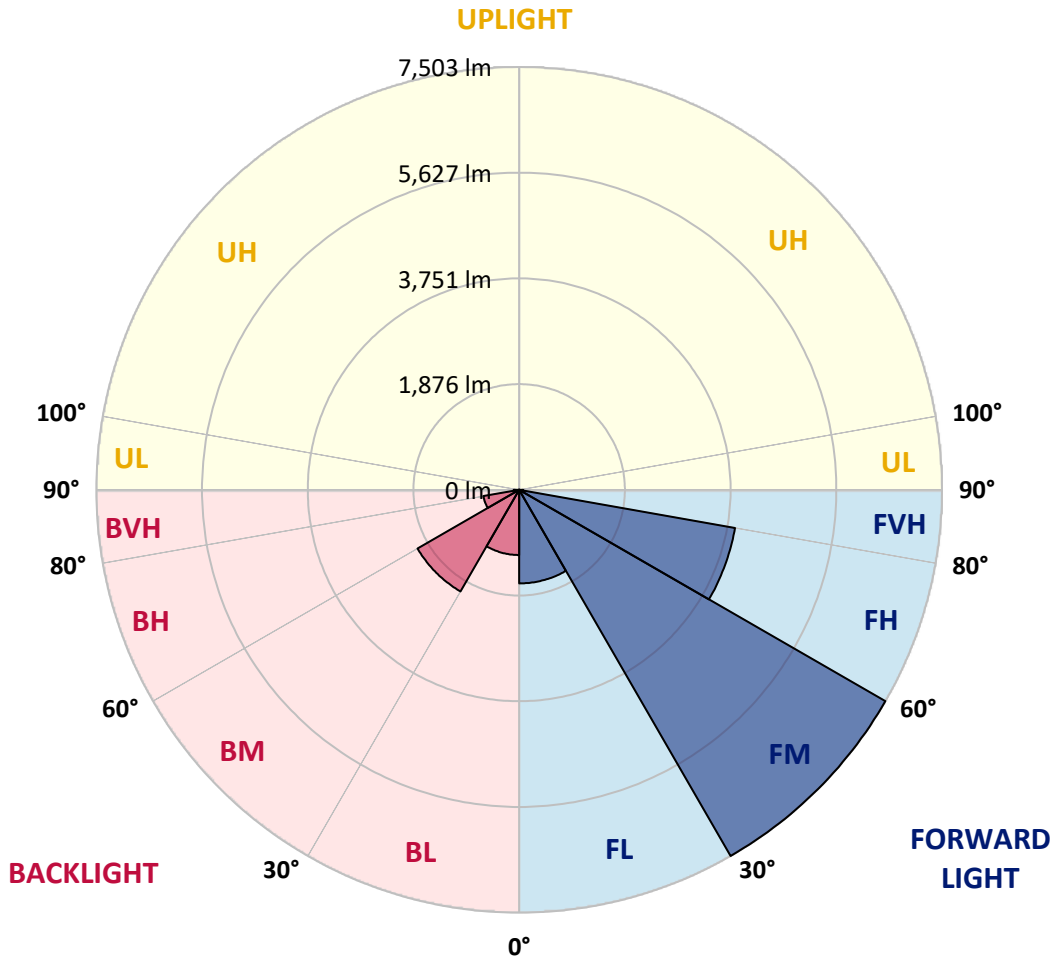
Scaled Data Report

REPORT NUMBER: P1500756
CATALOG NUMBER: GSS-SB2D-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1660.7	9.7			
FM	(30°-60°)	7502.8	43.9			
FH	(60°-80°)	3888.9	22.7			G2/5000
FVH	(80°-90°)	70.1	0.4			G1/100
BL	(0°-30°)	1157.6	6.8	B3/2500		
BM	(30°-60°)	2081.5	12.2	B2/2500		
BH	(60°-80°)	643.9	3.8	B2/1000		G2/1000
BVH	(80°-90°)	95.6	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9
2.5°	4143.3	4166.5	4139.4	4127.8	4131.7	4135.6	4116.2	4120.1	4096.8	4096.8	4077.5
5°	4232.4	4236.2	4220.7	4232.4	4228.5	4224.6	4224.6	4220.7	4170.4	4158.8	4139.4
7.5°	4182.0	4197.5	4205.3	4247.9	4259.5	4282.7	4298.2	4305.9	4267.2	4236.2	4185.9
10°	3721.2	3732.8	3821.9	4015.5	4162.7	4189.8	4333.0	4414.4	4387.3	4371.8	4286.6
12.5°	2973.9	2993.2	3093.9	3345.6	3690.2	3763.8	4220.7	4495.7	4557.6	4561.5	4437.6
15°	2652.5	2652.5	2683.5	2826.7	3105.5	3163.6	3837.4	4518.9	4739.6	4766.7	4615.7
17.5°	2586.7	2582.8	2602.1	2687.3	2834.5	2869.3	3396.0	4398.9	4956.5	5002.9	4809.3
20°	2582.8	2571.2	2609.9	2706.7	2834.5	2865.5	3190.7	4189.8	5126.9	5274.0	5002.9
22.5°	2586.7	2586.7	2640.9	2780.3	2927.4	2954.5	3229.5	4015.5	5266.3	5556.7	5208.2
25°	2629.3	2621.5	2699.0	2869.3	3070.7	3090.1	3388.2	4007.8	5386.3	5874.2	5456.0
27.5°	2699.0	2702.8	2807.4	3012.6	3241.1	3279.8	3608.9	4174.3	5533.4	6222.7	5696.1
30°	2846.1	2850.0	2973.9	3183.0	3446.3	3496.6	3864.5	4422.1	5742.5	6598.3	5955.5
32.5°	3012.6	3032.0	3183.0	3426.9	3709.6	3736.7	4178.2	4793.8	6056.2	6973.9	6234.3
35°	3291.4	3310.8	3481.1	3736.7	4050.4	4089.1	4561.5	5223.7	6439.5	7353.4	6451.2
37.5°	3651.5	3667.0	3833.5	4143.3	4476.3	4515.0	4987.5	5680.6	6826.8	7655.4	6644.8
40°	4081.3	4116.2	4294.3	4596.4	4933.2	4956.5	5452.1	6122.0	7245.0	7864.5	6722.2
42.5°	4549.9	4584.7	4766.7	5099.7	5409.5	5479.2	5955.5	6590.6	7585.7	7957.5	6660.3
45°	5150.1	5142.3	5312.7	5661.2	6025.2	6052.3	6493.8	6977.8	7791.0	7880.0	6598.3
47.5°	5878.1	5885.8	5994.2	6276.9	6652.5	6714.5	7055.2	7310.8	7911.0	7818.1	6528.6
50°	6699.0	6718.3	6811.3	7016.5	7419.2	7461.8	7562.5	7543.1	7984.6	7686.4	6555.7
52.5°	7519.9	7531.5	7655.4	7872.3	8263.4	8294.3	8073.6	7721.3	7709.6	7155.9	6497.6
55°	8193.7	8189.8	8410.5	8743.5	9219.8	9200.5	8577.0	7585.7	6850.0	6331.1	6238.2
57.5°	8778.4	8801.6	9088.2	9665.1	10265.3	10249.8	9115.3	6869.4	5595.4	5355.3	5816.1
60°	9305.0	9359.2	9897.5	10761.0	11423.1	11330.2	9212.1	5789.0	4352.4	4193.6	4979.7
62.5°	9076.5	9177.2	10040.7	11725.2	12635.1	12429.9	8615.7	4484.1	2946.8	2803.5	3519.9
65°	8100.7	8236.3	9332.1	11585.8	13250.8	13123.0	7531.5	2819.0	1552.8	1703.8	2369.8
67.5°	6803.5	6966.2	8151.1	10408.6	11988.5	11713.5	5851.0	1483.1	724.1	1123.0	1471.5
70°	3729.0	4131.7	5893.6	8851.9	9603.2	9219.8	3384.3	700.9	526.6	700.9	879.0
72.5°	1401.8	1498.6	2555.7	5951.6	7113.3	6640.9	1285.6	453.1	441.4	518.9	635.0
75°	673.8	720.2	1111.3	2706.7	3883.9	3620.5	631.2	336.9	379.5	406.6	460.8
77.5°	402.7	433.7	693.1	1572.1	1529.5	1405.6	387.2	259.4	305.9	290.4	271.1
80°	240.1	267.2	422.1	894.5	921.6	817.0	236.2	182.0	213.0	185.9	166.5
82.5°	139.4	151.0	220.7	402.7	584.7	538.2	135.5	108.4	154.9	123.9	92.9
85°	69.7	73.6	100.7	174.3	290.4	220.7	58.1	50.3	73.6	54.2	31.0
87.5°	15.5	15.5	15.5	19.4	27.1	27.1	7.7	3.9	3.9	3.9	3.9
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: P1500756
CATALOG NUMBER: GSS-SB2D-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9	4065.9
2.5°	4073.6	4081.3	4054.2	4023.3	4015.5	3992.3	4000.0	3984.5	3961.3	3965.2	3969.1
5°	4112.3	4096.8	4042.6	3972.9	3911.0	3841.3	3759.9	3667.0	3601.2	3574.1	3597.3
7.5°	4147.2	4131.7	4038.8	3883.9	3674.8	3384.3	3082.3	2807.4	2617.6	2547.9	2563.4
10°	4244.0	4182.0	4011.6	3674.8	3175.2	2625.4	2319.5	2149.1	2091.0	2060.0	2063.9
12.5°	4371.8	4286.6	3961.3	3310.8	2555.7	2207.2	2098.8	2060.0	2040.7	2032.9	2040.7
15°	4526.7	4395.0	3841.3	2853.8	2269.1	2133.6	2110.4	2114.2	2114.2	2118.1	2118.1
17.5°	4662.2	4457.0	3624.4	2524.7	2211.1	2172.3	2195.6	2214.9	2214.9	2218.8	2214.9
20°	4786.1	4487.9	3345.6	2385.3	2222.7	2242.0	2296.2	2315.6	2319.5	2315.6	2315.6
22.5°	4917.7	4507.3	3066.8	2307.9	2249.8	2307.9	2365.9	2393.0	2400.8	2404.7	2408.5
25°	5045.5	4468.6	2838.4	2245.9	2238.2	2319.5	2385.3	2420.2	2427.9	2427.9	2431.8
27.5°	5173.3	4457.0	2683.5	2164.6	2183.9	2249.8	2327.2	2373.7	2404.7	2408.5	2412.4
30°	5320.5	4422.1	2536.3	2056.2	2063.9	2145.2	2226.5	2307.9	2369.8	2396.9	2396.9
32.5°	5421.1	4387.3	2404.7	1940.0	1940.0	2025.2	2125.9	2226.5	2315.6	2369.8	2381.4
35°	5517.9	4356.3	2288.5	1823.8	1827.7	1909.0	2013.6	2122.0	2234.3	2300.1	2331.1
37.5°	5568.3	4325.3	2207.2	1734.8	1719.3	1804.5	1874.2	1963.2	2083.3	2191.7	2218.8
40°	5579.9	4325.3	2199.4	1672.8	1607.0	1703.8	1734.8	1796.7	1905.1	2021.3	2063.9
42.5°	5502.5	4282.7	2238.2	1634.1	1490.8	1560.5	1595.4	1626.3	1696.0	1792.8	1827.7
45°	5409.5	4224.6	2273.0	1579.9	1347.5	1401.8	1456.0	1459.8	1490.8	1514.0	1537.3
47.5°	5332.1	4162.7	2211.1	1479.2	1200.4	1239.1	1297.2	1297.2	1281.7	1235.2	1219.8
50°	5394.0	4182.0	2106.5	1335.9	1064.9	1092.0	1153.9	1119.1	1084.2	987.4	975.8
52.5°	5448.2	4255.6	1982.6	1196.5	948.7	975.8	1037.8	983.5	913.8	836.4	824.8
55°	5359.2	4259.5	1754.1	1041.6	867.4	890.6	948.7	882.9	817.0	770.6	762.8
57.5°	5092.0	4143.3	1514.0	921.6	797.7	820.9	875.1	809.3	747.3	743.5	762.8
60°	4503.4	3736.7	1293.3	844.1	731.9	759.0	813.2	743.5	662.2	627.3	638.9
62.5°	3399.8	2873.2	1107.5	755.1	669.9	704.7	743.5	631.2	561.5	546.0	530.5
65°	*2486.0*	*2207.2*	*995.2*	*685.4*	*611.8*	*654.4*	*623.4*	*561.5*	*515.0*	*499.5*	*491.8*
67.5°	1607.0	1498.6	855.8	619.6	557.6	592.5	549.9	518.9	468.5	460.8	472.4
70°	983.5	1018.4	716.4	546.0	503.4	495.6	503.4	472.4	418.2	429.8	445.3
72.5°	697.0	751.2	615.7	476.3	429.8	414.3	449.2	429.8	391.1	402.7	418.2
75°	499.5	557.6	507.3	391.1	364.0	356.2	418.2	429.8	402.7	410.5	422.1
77.5°	294.3	356.2	360.1	302.0	274.9	317.5	445.3	495.6	476.3	453.1	441.4
80°	189.7	213.0	255.6	193.6	193.6	274.9	487.9	604.1	518.9	460.8	453.1
82.5°	96.8	112.3	166.5	123.9	116.2	205.2	480.2	577.0	573.1	511.1	499.5
85°	27.1	34.9	77.4	54.2	46.5	108.4	360.1	433.7	387.2	282.7	286.5
87.5°	3.9	3.9	0.0	0.0	3.9	15.5	42.6	7.7	7.7	7.7	7.7
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

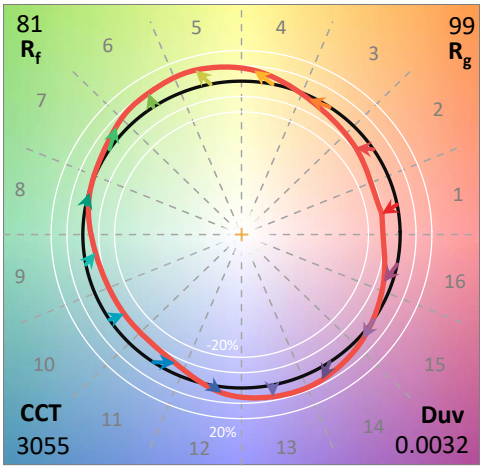
Test Information

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

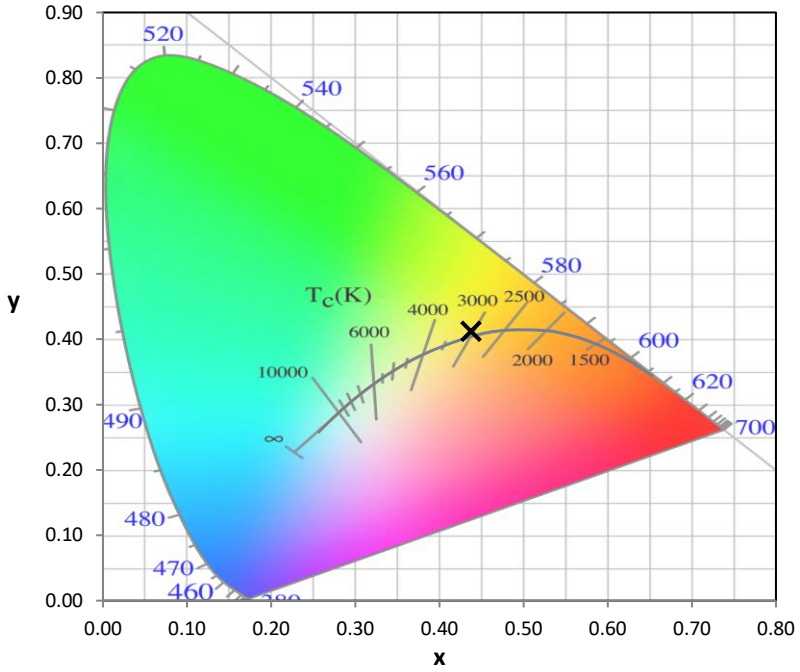
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

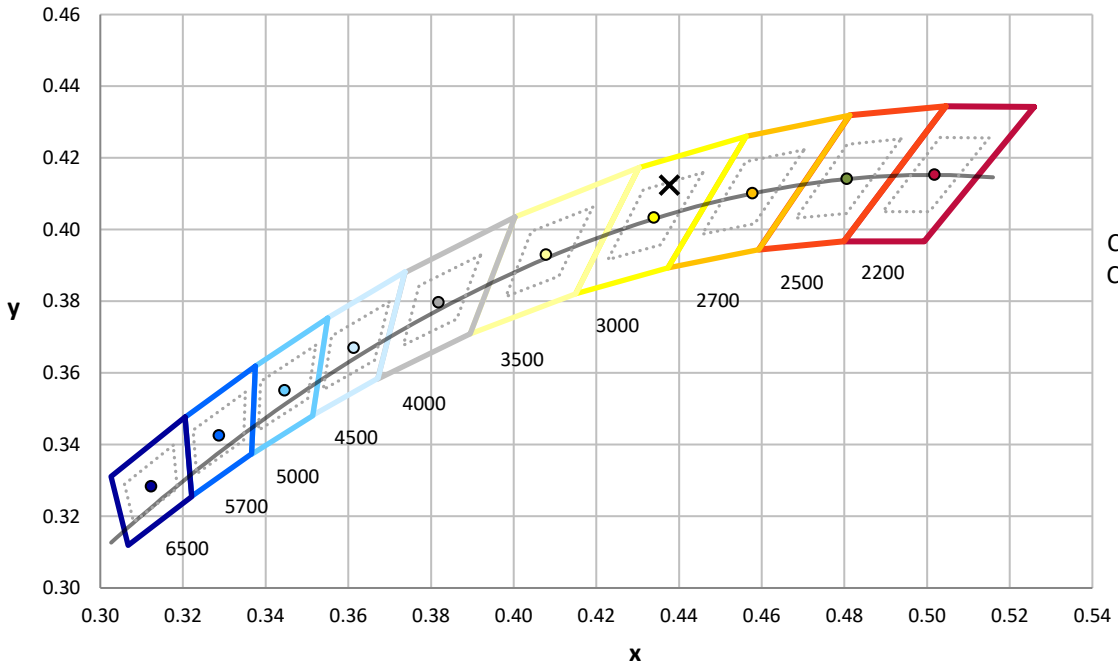
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

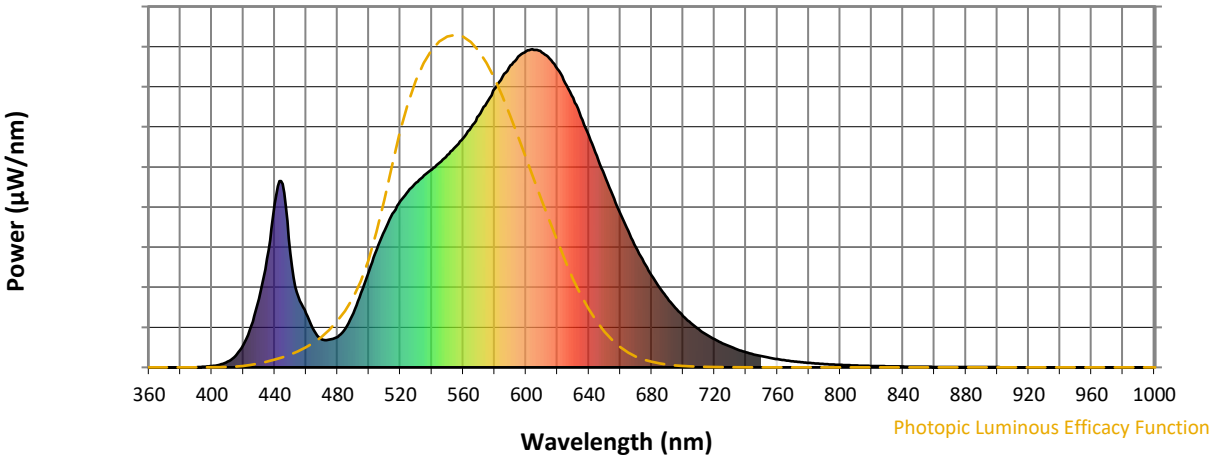


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

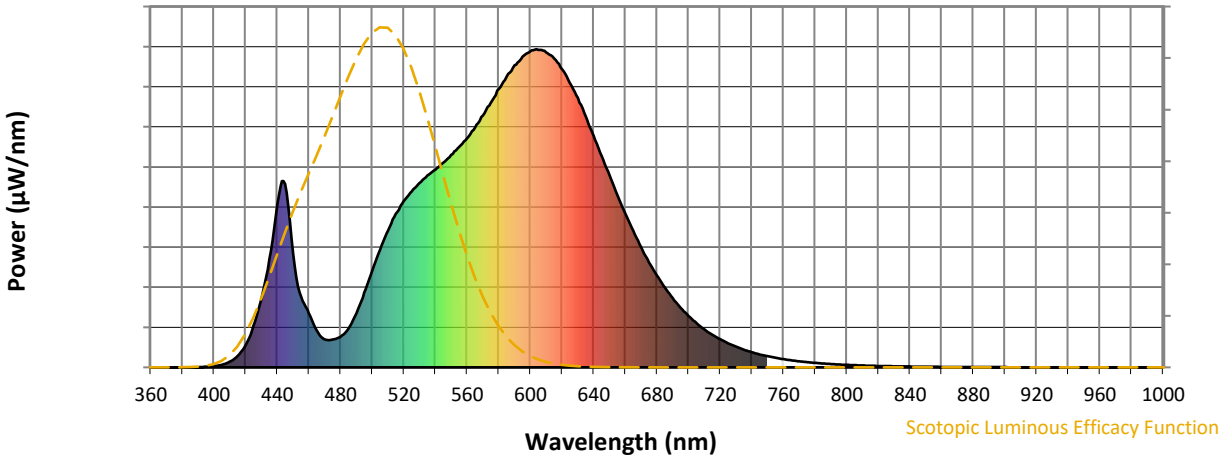


Photopic Lumens: NR

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

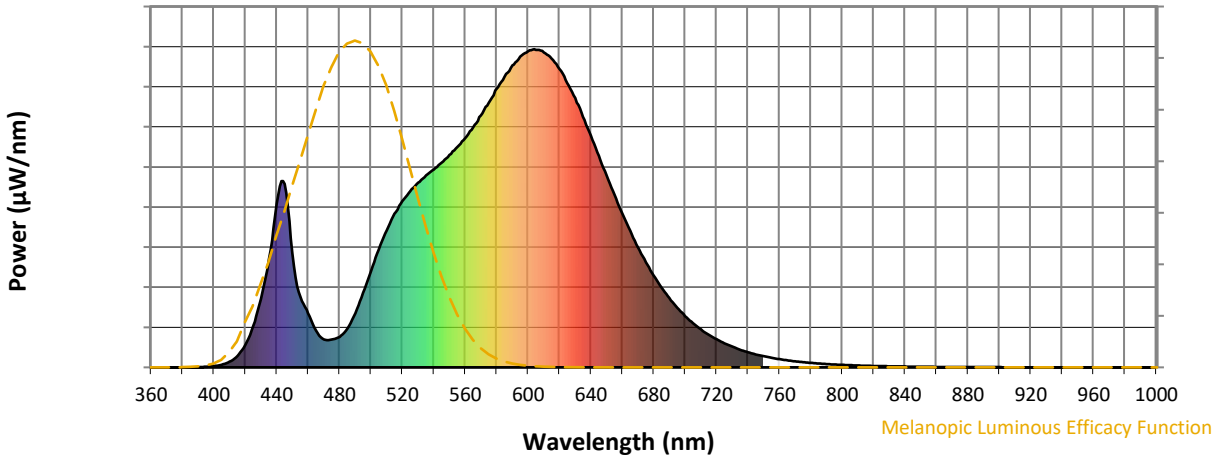


Scotopic Lumens: NR **S/P: 1.28**

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			

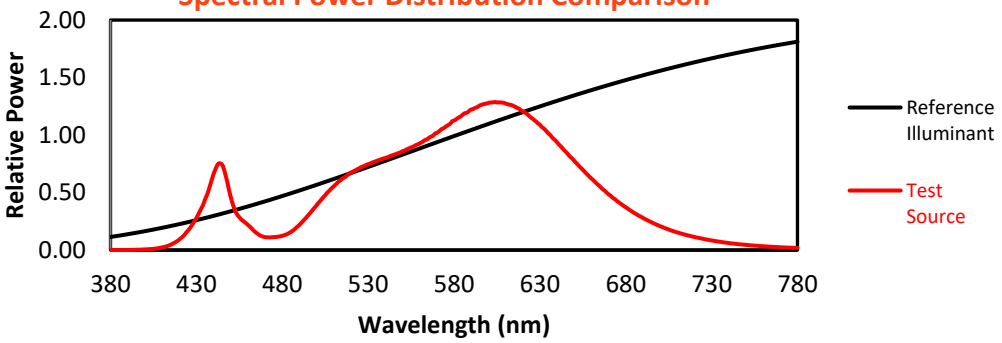
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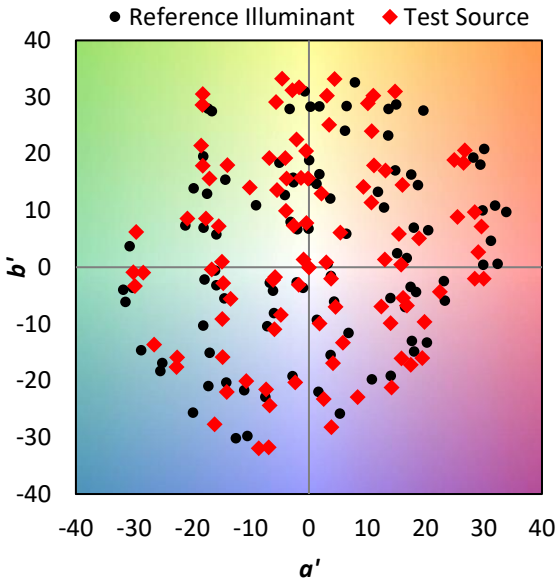
Summary

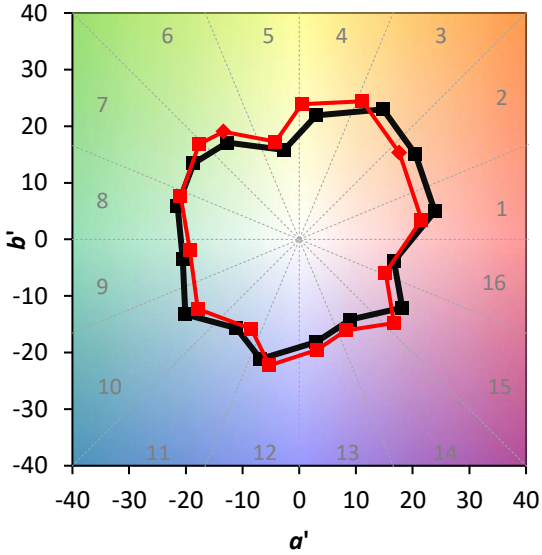
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

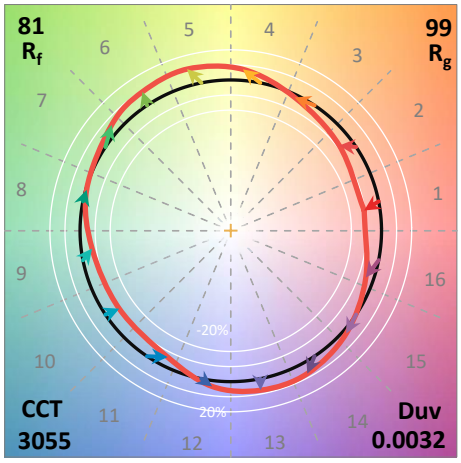
Spectral Power Distribution Comparison

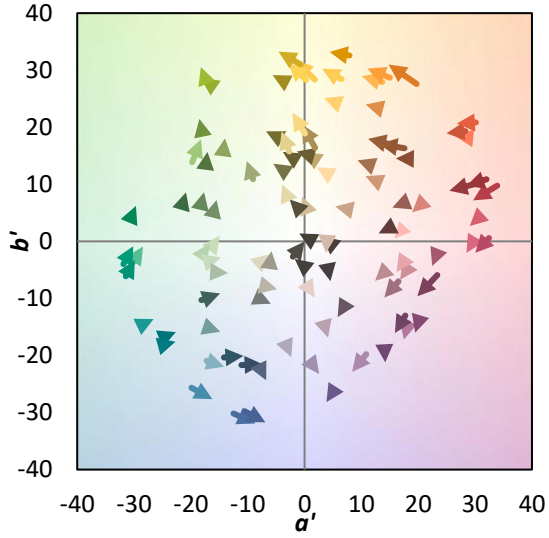


Color Vector Graphics







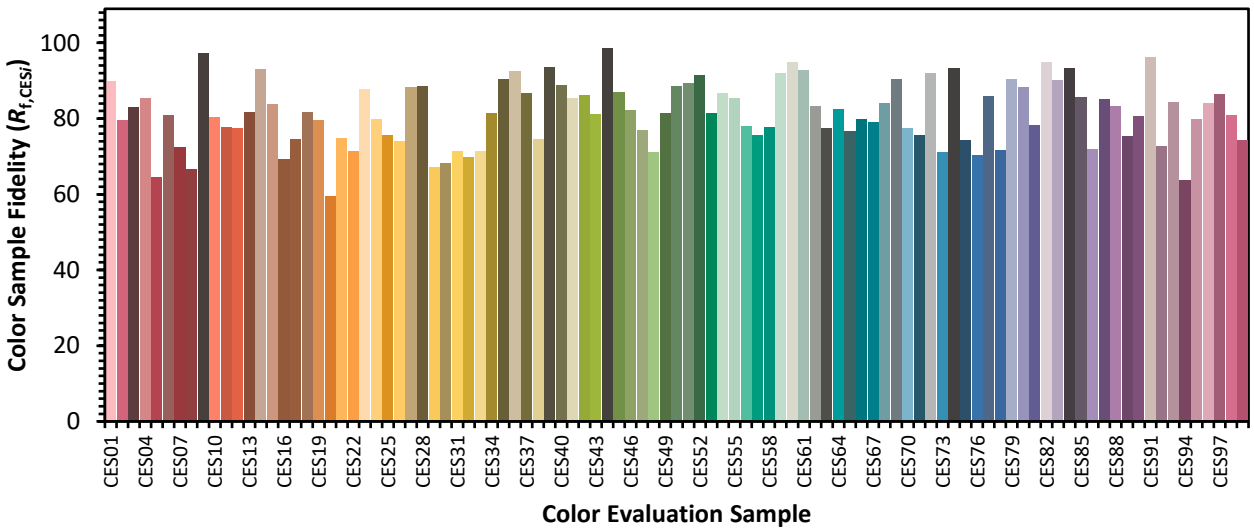


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Individual Sample Fidelity Index ($R_{f,i}$)

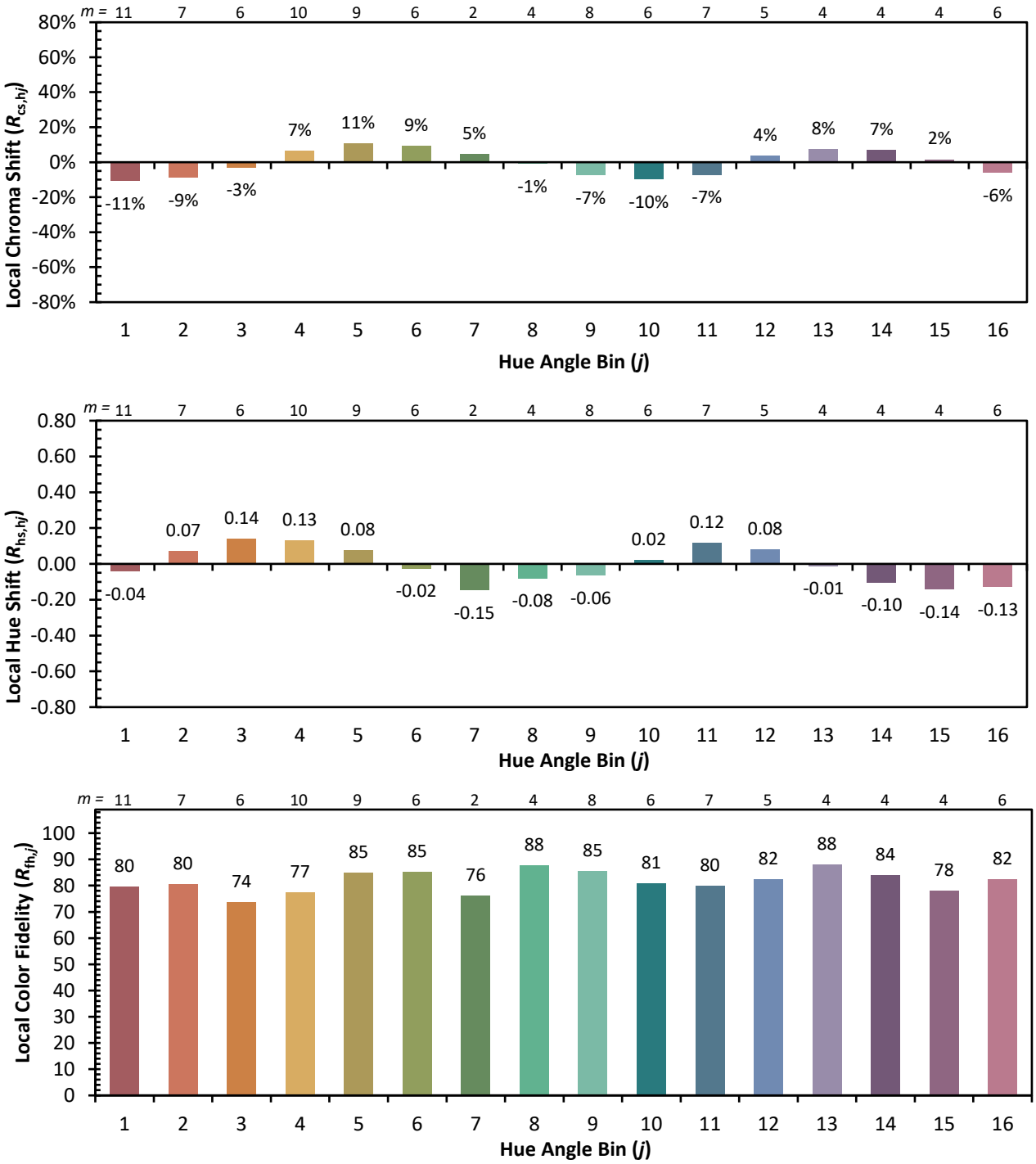
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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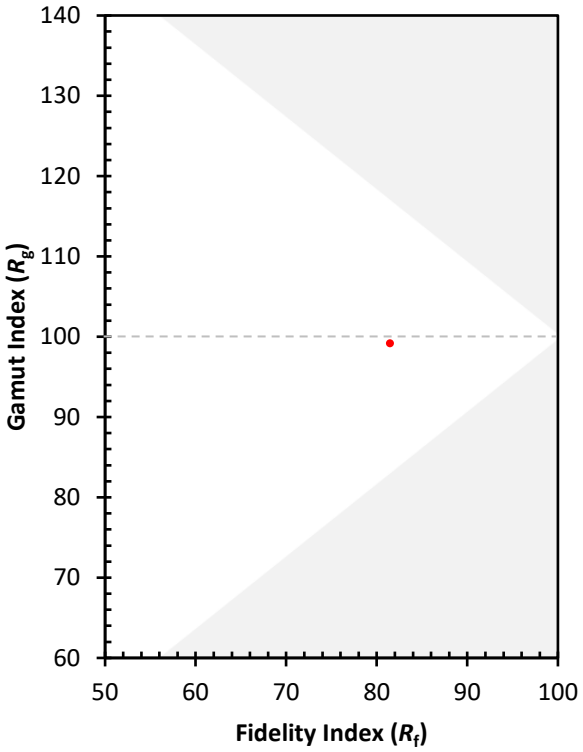
Color Rendition by Hue-Angle Bin

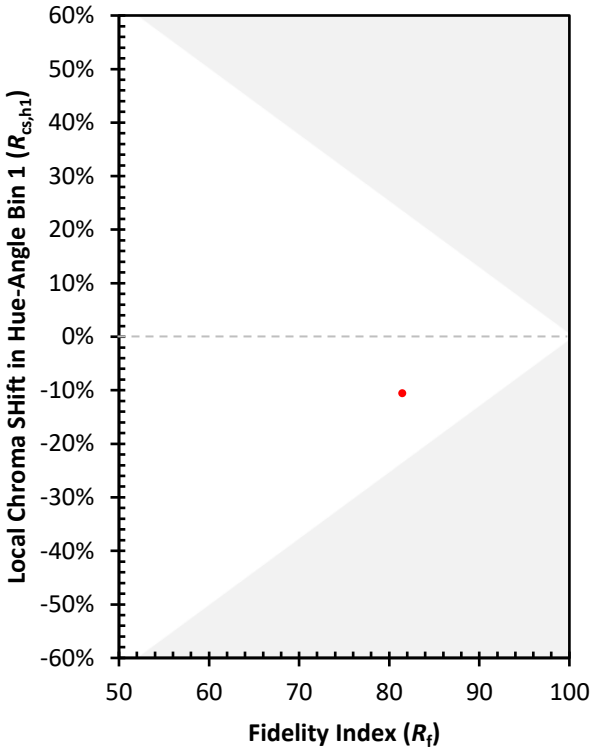


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Measure Comparisons





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