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: P1501148

Luminaire Tested: GSS-SB4D-830-U-T3LG

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:	P1501148
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29375.9 lumens
Efficiency:	N/A
Efficacy:	123.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

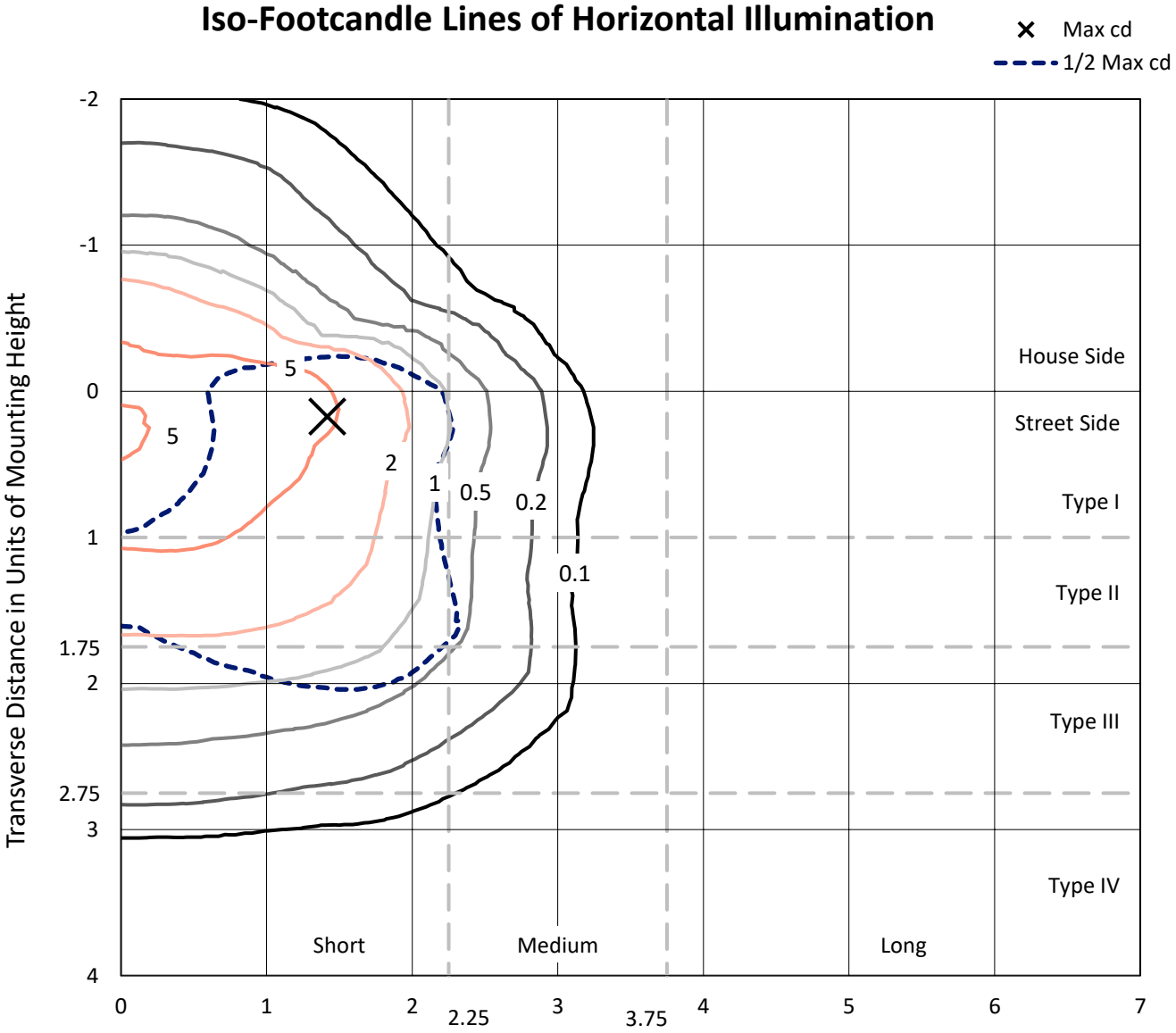
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501148
CATALOG NUMBER: GSS-SB4D-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



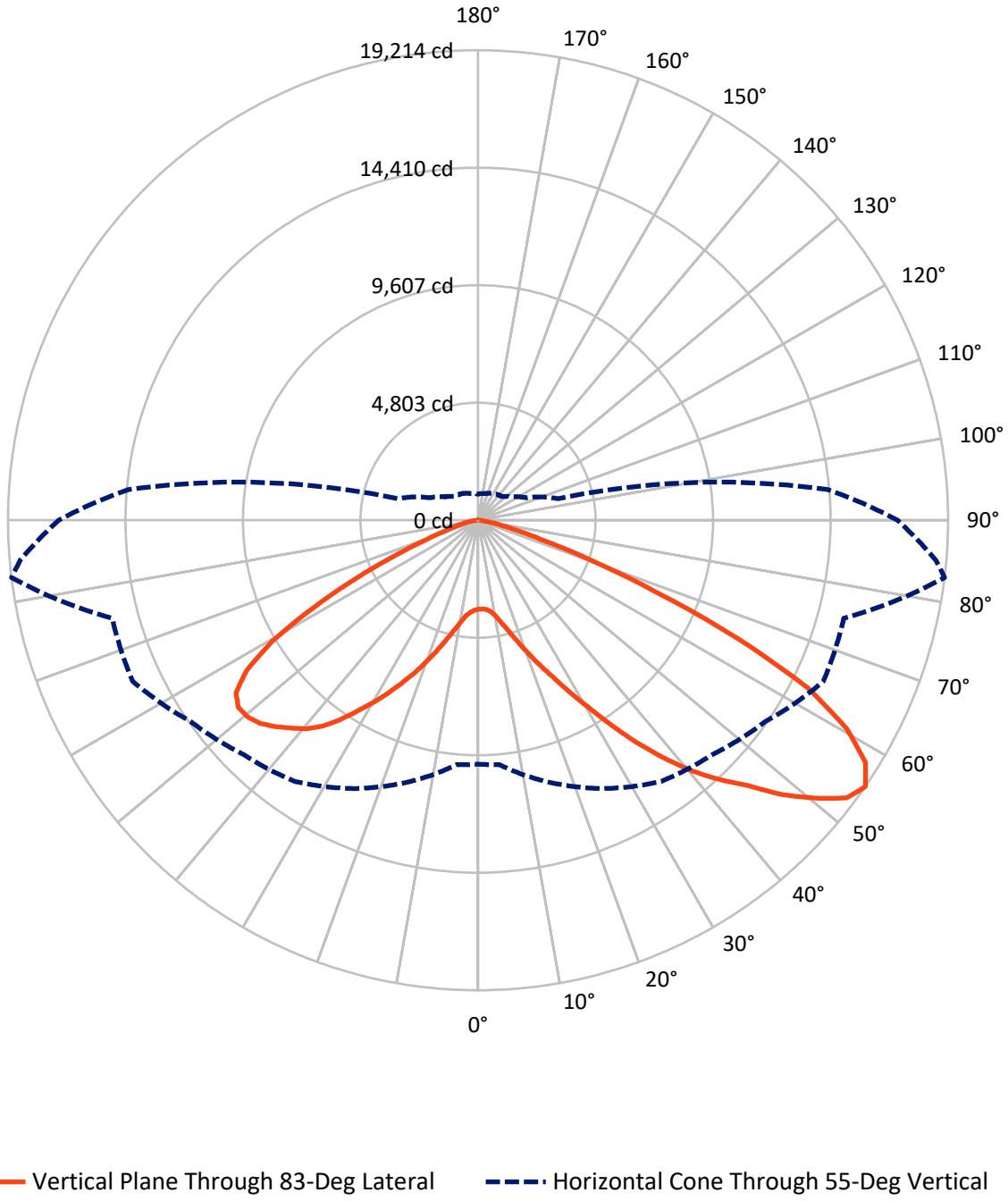
Based on 25 foot mounting height. Maximum calculated value = 9.9 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501148
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Luminous Intensity Polar Plot



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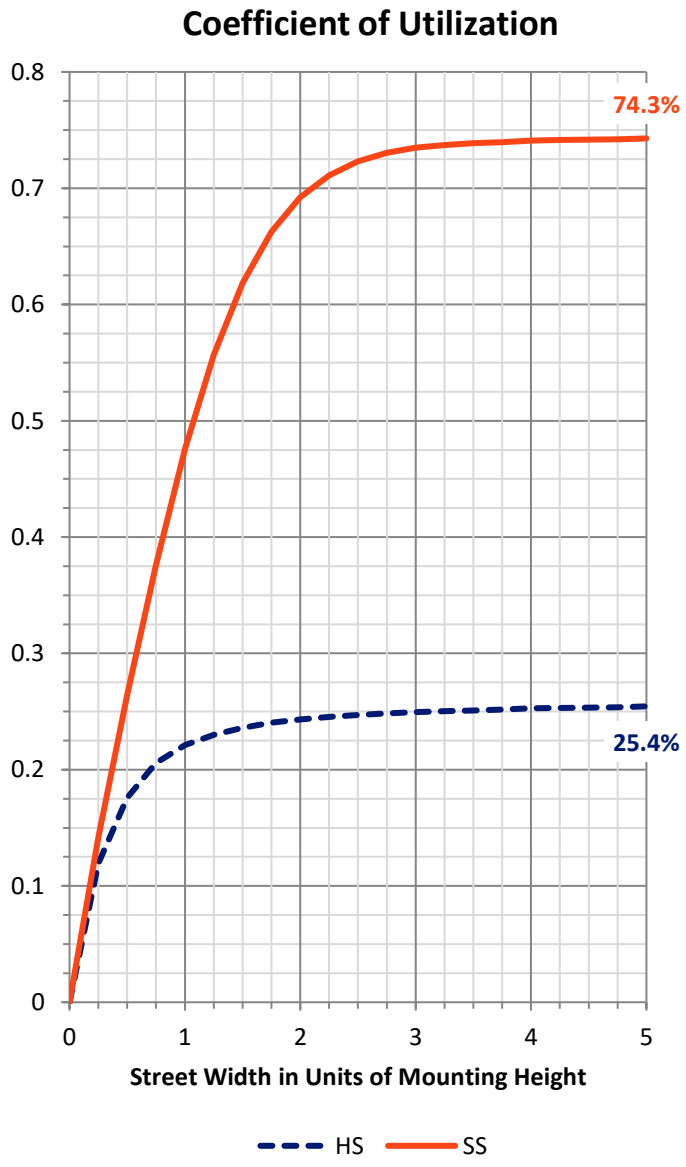
REPORT NUMBER: P1501148
CATALOG NUMBER: GSS-SB4D-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7538.5	0.0	7538.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	21837.5	0.0	21837.5
	% Fixture	74.3	0.0	74.3
Total	Lumens	29375.9	0.0	29375.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.4	1.2
10°-20°	1144.6	3.9
20°-30°	2291.5	7.8
30°-40°	4077.0	13.9
40°-50°	6143.8	20.9
50°-60°	7486.6	25.5
60°-70°	6054.0	20.6
70°-80°	1658.1	5.6
80°-90°	168.9	0.6
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°	29375.9	100.0
0°-180°	29375.9	100.0



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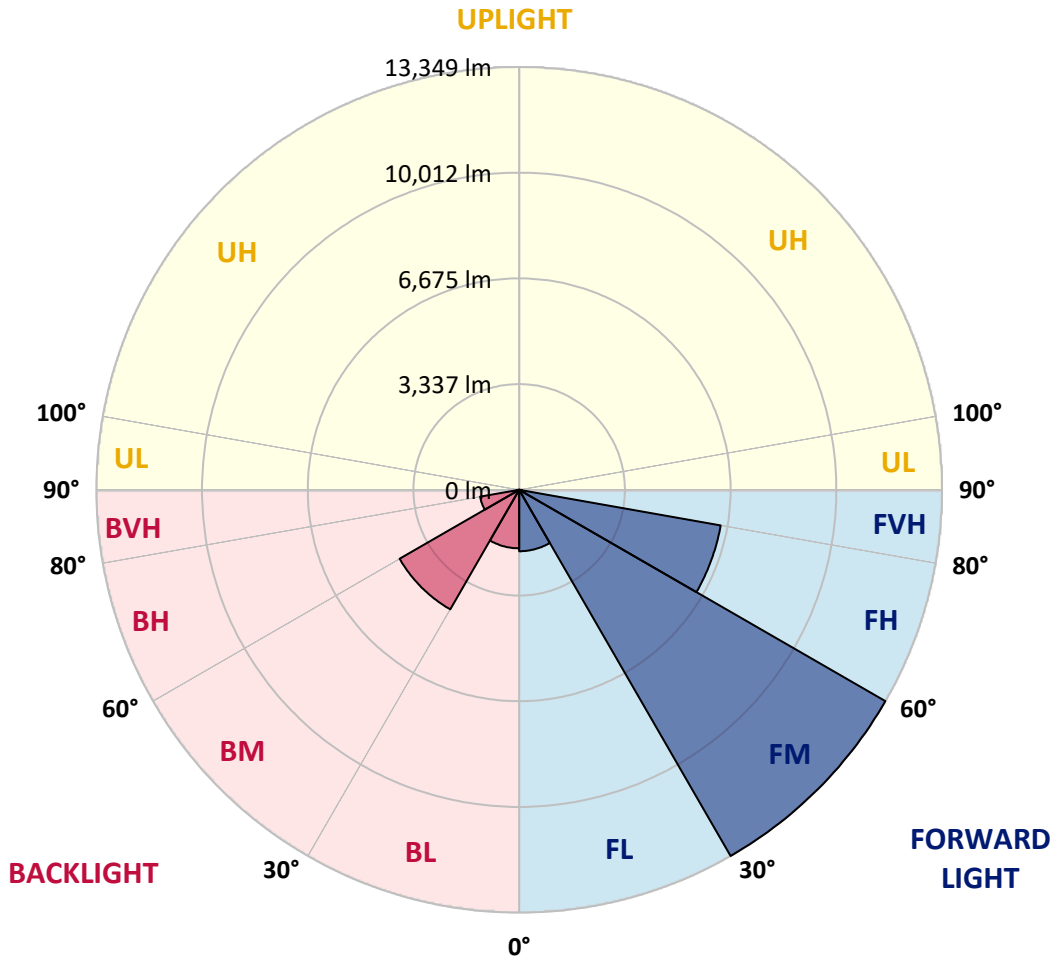
Scaled Data Report

REPORT NUMBER: P1501148
CATALOG NUMBER: GSS-SB4D-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1939.6	6.6			
FM	(30°-60°)	13349.3	45.4			
FH	(60°-80°)	6460.5	22.0			G3/7500
FVH	(80°-90°)	88.0	0.3			G1/100
BL	(0°-30°)	1847.9	6.3	B3/2500		
BM	(30°-60°)	4358.1	14.8	B3/5000		
BH	(60°-80°)	1251.6	4.3	B3/2500		G3/2500
BVH	(80°-90°)	80.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	*3636.4*	3636.4
2.5°	3532.0	3525.4	3518.9	3512.4	3525.4	3545.0	3564.6	3577.7	3610.3	*3636.4*	3623.4
5°	3251.2	3238.2	3251.2	3303.5	3349.2	3427.5	3505.9	3558.1	3629.9	*3662.5*	3675.6
7.5°	3003.2	2990.1	3003.2	3068.4	3146.8	3270.8	3434.0	3564.6	3695.2	*3773.5*	3786.6
10°	3003.2	3009.7	3009.7	3035.8	3075.0	3199.0	3394.9	3643.0	3871.5	*3982.4*	4008.6
12.5°	3101.1	3101.1	3101.1	3133.7	3159.8	3257.8	3479.7	3786.6	4152.2	*4315.4*	4335.0
15°	3231.7	3225.1	3244.7	3264.3	3310.0	3407.9	3629.9	3995.5	4459.0	*4707.1*	4733.2
17.5°	3414.5	3401.4	3421.0	3466.7	3532.0	3643.0	3864.9	4282.8	4883.4	*5196.8*	5235.9
20°	3616.8	3610.3	3649.5	3721.3	3812.7	3949.8	4204.4	4628.8	5366.5	*5764.8*	5836.6
22.5°	3858.4	3845.3	3917.2	4047.7	4171.8	4328.5	4635.3	5079.2	5921.4	*6398.0*	6469.8
25°	4132.6	4132.6	4230.5	4387.2	4576.5	4857.3	5164.1	5653.8	6574.3	*7083.5*	7194.5
27.5°	4583.1	4615.7	4654.9	4818.1	5085.8	5464.4	5790.9	6345.8	7285.9	*7925.7*	7964.9
30°	5314.3	5301.2	5366.5	5477.5	5699.5	6097.7	6587.4	7181.5	8186.9	*8859.3*	8957.2
32.5°	5973.7	5993.3	6084.7	6293.6	6561.2	6900.7	7488.3	8219.5	9166.2	*9943.1*	9988.8
35°	6639.6	6652.6	6828.9	7142.3	7540.5	7919.2	8559.0	9277.1	10230.3	*11150.8*	11274.9
37.5°	7573.2	7560.1	7736.4	8004.1	8539.4	9127.0	9642.7	10328.2	11248.8	*12326.0*	12469.6
40°	8271.7	8343.5	8676.5	9016.0	9518.7	10125.9	10563.3	11209.6	12084.4	*13475.0*	13605.6
42.5°	8989.9	9048.6	9492.6	10001.8	10530.6	10941.9	11281.4	11882.0	12750.4	*14493.5*	14565.3
45°	9584.0	9662.3	10171.6	10817.9	11366.3	11784.1	11901.6	12463.1	13429.3	*15472.8*	15583.8
47.5°	9962.6	10047.5	10648.1	11405.5	11966.9	12410.9	12371.7	13161.7	14154.0	*16772.0*	16732.8
50°	10223.8	10276.0	10928.9	11738.4	12469.6	12763.4	12933.2	13951.6	14898.3	*17862.2*	17718.6
52.5°	10413.1	10498.0	11092.1	11980.0	12750.4	13135.5	13592.5	14865.6	15414.0	*18861.1*	18541.2
55°	*9969.2*	*10034.5*	*11079.0*	*12104.0*	*13037.6*	*13546.8*	*14343.3*	*15577.2*	*15479.3*	*19213.7*	*18782.8*
57.5°	9512.2	9564.4	10530.6	12071.4	13351.0	14056.1	15198.6	15668.6	14898.3	*18671.8*	18129.9
60°	8937.7	8976.8	9943.1	11725.4	13357.5	14454.3	15636.0	15002.7	13821.0	*17307.3*	16791.6
62.5°	7880.0	7880.0	8944.2	10791.8	13031.1	14656.7	15518.5	13742.7	12378.2	*15159.4*	14447.8
65°	6835.4	6789.7	7507.9	9127.0	12162.8	14604.5	14637.1	12149.7	10138.9	*11692.7*	11137.8
67.5°	5699.5	5706.0	6130.4	7410.0	9851.7	13514.2	12776.5	9388.1	7063.9	*7873.5*	7586.2
70°	3858.4	3956.3	4387.2	5379.6	7429.5	9577.5	10171.6	6358.9	4406.8	*4889.9*	4654.9
72.5°	1468.9	1488.5	1991.2	2820.4	4694.1	5758.2	7096.6	3558.1	2578.8	*2696.3*	2709.4
75°	620.2	646.3	848.7	1188.2	2082.6	3140.3	3734.4	1801.9	1566.9	*1612.6*	1599.5
77.5°	417.8	430.9	515.8	639.8	940.1	1260.0	1560.3	1018.5	959.7	*900.9*	874.8
80°	313.4	313.4	372.1	430.9	528.8	646.3	679.0	515.8	574.5	*476.6*	463.5
82.5°	202.4	215.4	235.0	254.6	300.3	319.9	274.2	280.7	333.0	*248.1*	235.0
85°	97.9	104.5	111.0	117.5	117.5	111.0	97.9	124.0	169.7	*104.5*	97.9
87.5°	13.1	13.1	13.1	13.1	13.1	13.1	6.5	6.5	6.5	*6.5*	6.5
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: P1501148
CATALOG NUMBER: GSS-SB4D-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4	3636.4
2.5°	3643.0	3669.1	3688.7	3701.7	3734.4	3727.8	3747.4	3760.5	3773.5	3793.1	3767.0
5°	3708.2	3753.9	3806.2	3845.3	3884.5	3904.1	3910.6	3923.7	3930.2	3943.3	3936.7
7.5°	3851.9	3904.1	3982.4	4021.6	4054.3	4054.3	4034.7	4028.1	4008.6	4021.6	4021.6
10°	4093.4	4171.8	4256.6	4263.2	4224.0	4178.3	4106.5	4067.3	4015.1	4002.0	3989.0
12.5°	4446.0	4550.4	4615.7	4570.0	4432.9	4263.2	4073.8	3897.6	3760.5	3701.7	3688.7
15°	4844.2	4974.8	4987.8	4857.3	4609.2	4197.9	3799.6	3603.8	3532.0	3532.0	3525.4
17.5°	5392.6	5484.0	5431.8	5118.4	4563.5	3891.0	3603.8	3571.1	3590.7	3616.8	3616.8
20°	5967.1	6071.6	5856.2	5301.2	4282.8	3708.2	3623.4	3649.5	3695.2	3721.3	3714.8
22.5°	6652.6	6704.9	6287.0	5307.8	3982.4	3662.5	3662.5	3695.2	3727.8	3767.0	3767.0
25°	7357.7	7338.1	6685.3	5066.2	3812.7	3649.5	3636.4	3662.5	3675.6	3695.2	3688.7
27.5°	8147.7	8043.2	6992.1	4681.0	3760.5	3610.3	3545.0	3518.9	3532.0	3551.6	3558.1
30°	9055.2	8807.1	7240.2	4439.4	3740.9	3518.9	3362.2	3290.4	3277.4	3303.5	3303.5
32.5°	10106.3	9570.9	7390.4	4406.8	3721.3	3355.7	3146.8	3009.7	2983.6	2996.6	3029.3
35°	11183.5	10491.5	7351.2	4491.7	3727.8	3225.1	2918.3	2735.5	2709.4	2722.4	2755.1
37.5°	12312.9	11366.3	7201.0	4622.2	3675.6	3048.9	2709.4	2487.4	2448.2	2474.3	2487.4
40°	13187.8	12104.0	6828.9	4674.5	3584.2	2826.9	2467.8	2278.5	2174.0	2167.5	2200.1
42.5°	13997.3	12685.1	6424.1	4589.6	3394.9	2591.9	2219.7	2030.4	1867.2	1743.1	1743.1
45°	14806.9	13272.6	6012.8	4348.0	3081.5	2343.8	1958.6	1704.0	1514.6	1423.2	1429.8
47.5°	15616.4	13840.6	5523.2	3982.4	2768.1	2082.6	1677.8	1475.5	1344.9	1273.1	1273.1
50°	16367.2	14251.9	4896.4	3401.4	2409.1	1821.5	1482.0	1364.5	1266.5	1201.3	1188.2
52.5°	17026.6	14526.1	4047.7	2696.3	2017.3	1527.7	1377.5	1286.1	1214.3	1142.5	1122.9
55°	*17144.1*	*14343.3*	*3388.3*	*2167.5*	*1664.8*	*1371.0*	*1299.2*	*1220.8*	*1122.9*	*1090.3*	*1070.7*
57.5°	16419.4	13377.1	2859.5	1828.0	1423.2	1260.0	1233.9	1142.5	1064.2	1031.5	1011.9
60°	15185.5	11620.9	2363.4	1566.9	1266.5	1155.6	1188.2	1096.8	972.8	953.2	933.6
62.5°	12965.8	9068.2	1886.8	1318.8	1149.0	1077.2	1109.9	979.3	874.8	848.7	842.2
65°	10080.2	6489.4	1586.4	1162.1	1057.6	998.9	985.8	868.3	790.0	770.4	770.4
67.5°	7037.8	4126.1	1325.3	1064.2	940.1	900.9	894.4	816.1	763.8	744.3	744.3
70°	4308.9	2500.5	1116.4	972.8	829.1	757.3	803.0	790.0	711.6	692.0	685.5
72.5°	2239.3	1495.0	979.3	894.4	698.6	646.3	718.1	724.7	659.4	685.5	679.0
75°	1299.2	1038.0	855.2	790.0	554.9	541.9	626.7	692.0	639.8	659.4	646.3
77.5°	744.3	665.9	659.4	646.3	437.4	443.9	561.5	620.2	548.4	568.0	522.3
80°	411.3	430.9	457.0	404.8	306.8	346.0	450.5	496.2	417.8	411.3	378.7
82.5°	215.4	267.7	306.8	261.1	176.3	208.9	306.8	306.8	267.7	254.6	248.1
85°	97.9	111.0	143.6	130.6	65.3	78.3	143.6	156.7	137.1	124.0	117.5
87.5°	6.5	6.5	6.5	6.5	6.5	6.5	13.1	19.6	6.5	6.5	6.5
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

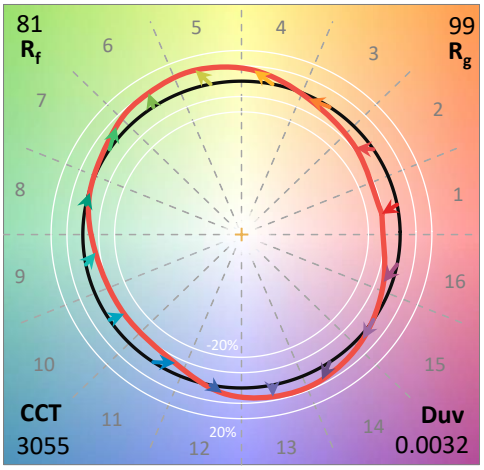
Test Information

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

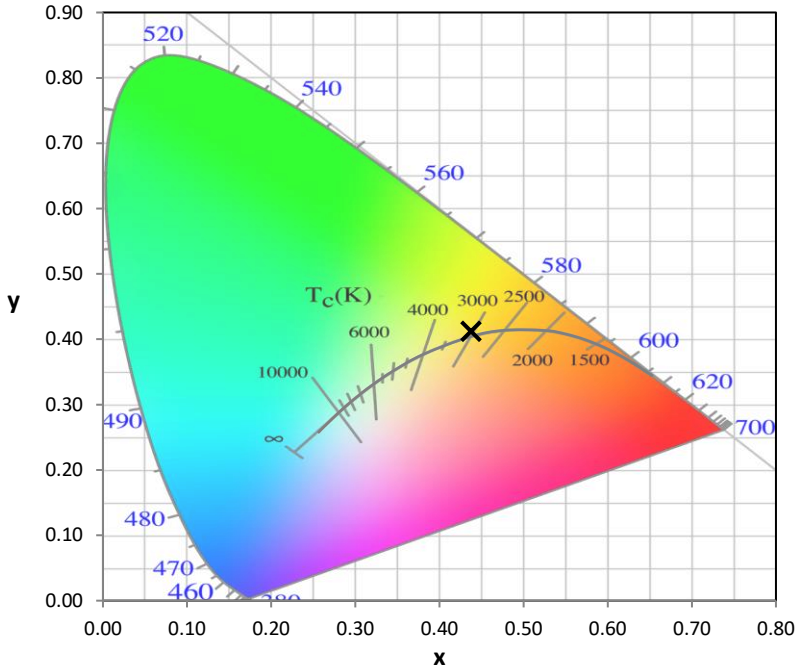
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

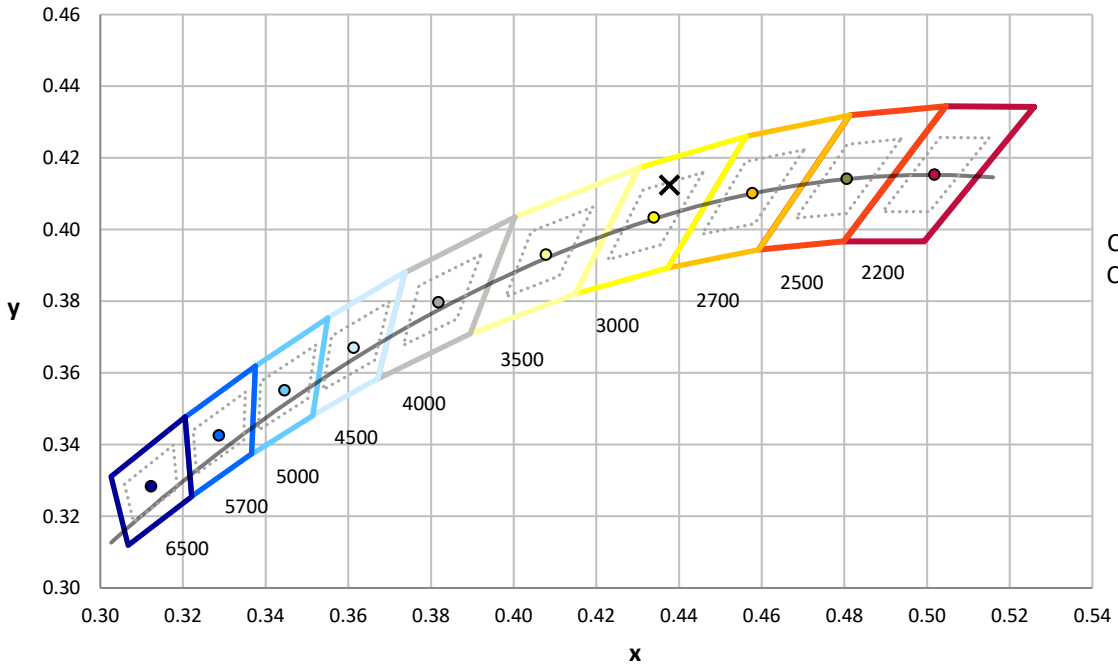
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

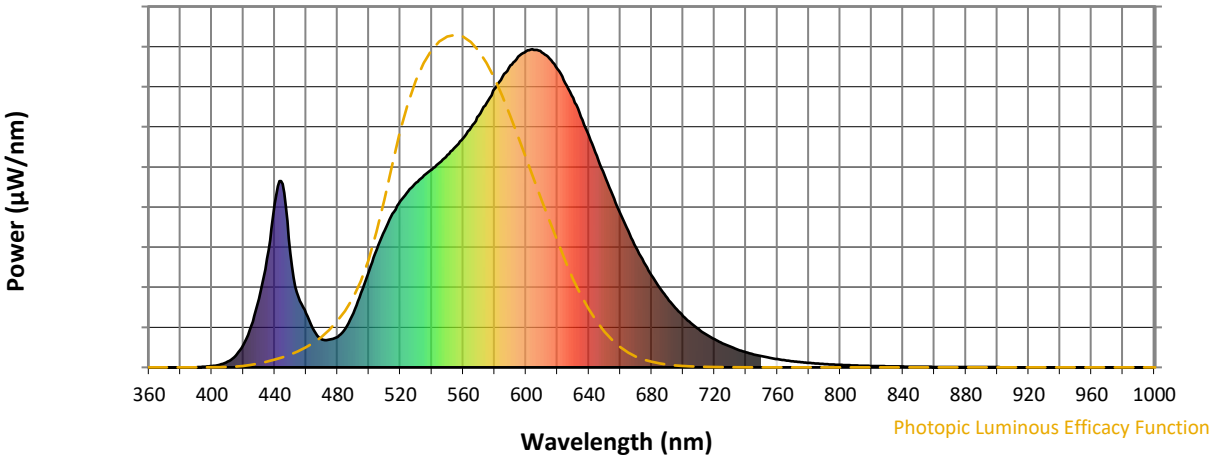


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

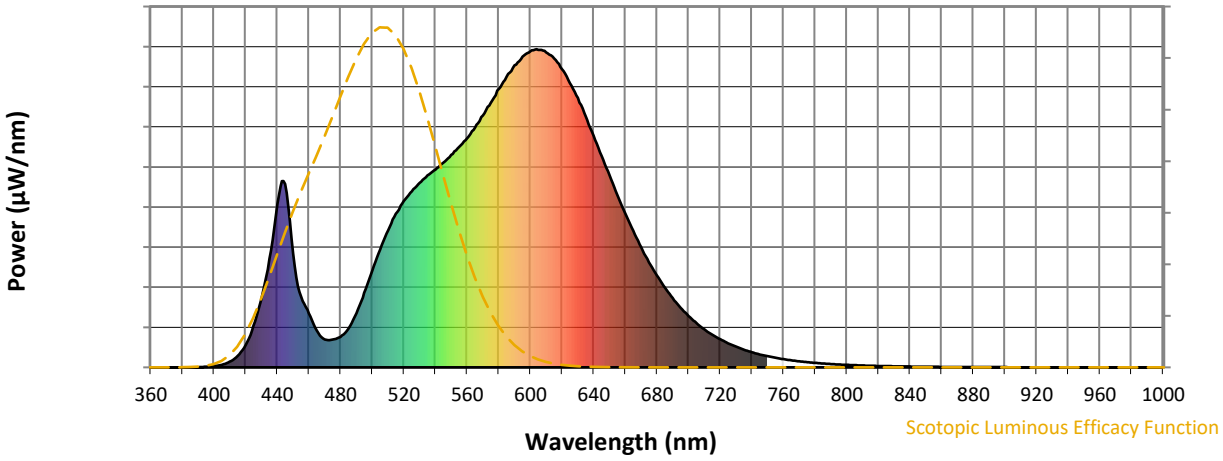


Photopic Lumens: NR

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

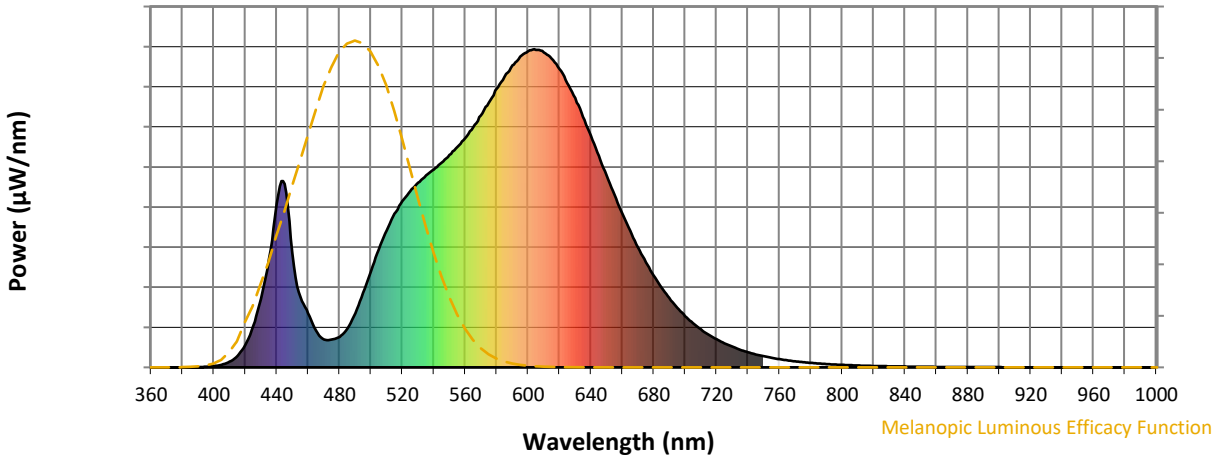


Scotopic Lumens: NR **S/P: 1.28**

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			

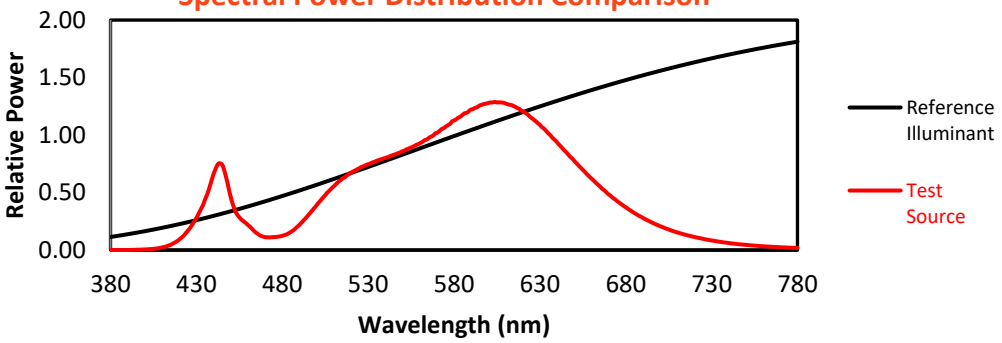
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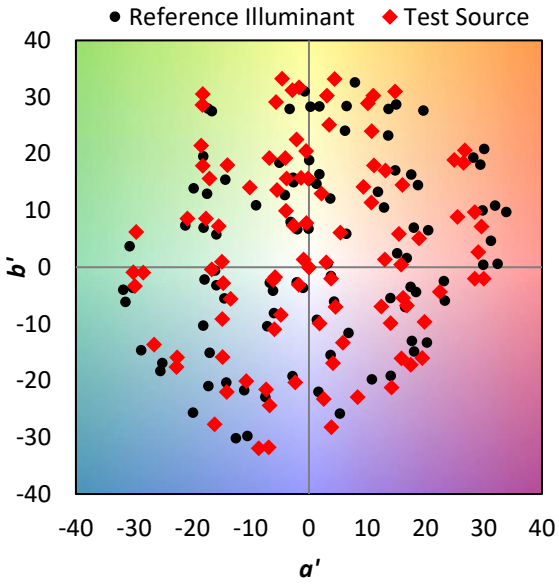
Summary

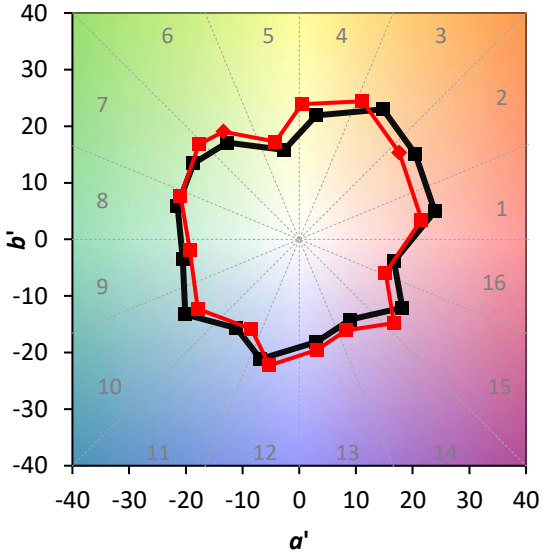
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

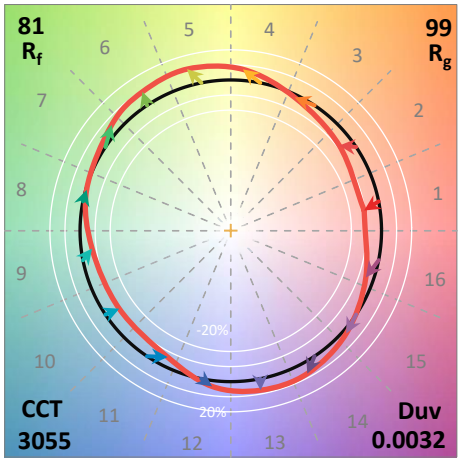
Spectral Power Distribution Comparison

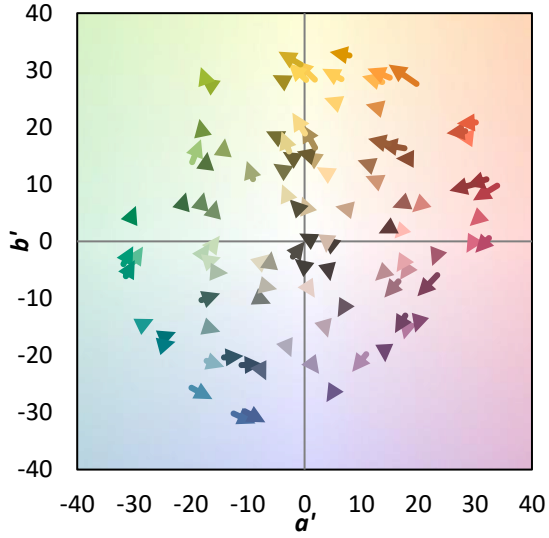


Color Vector Graphics







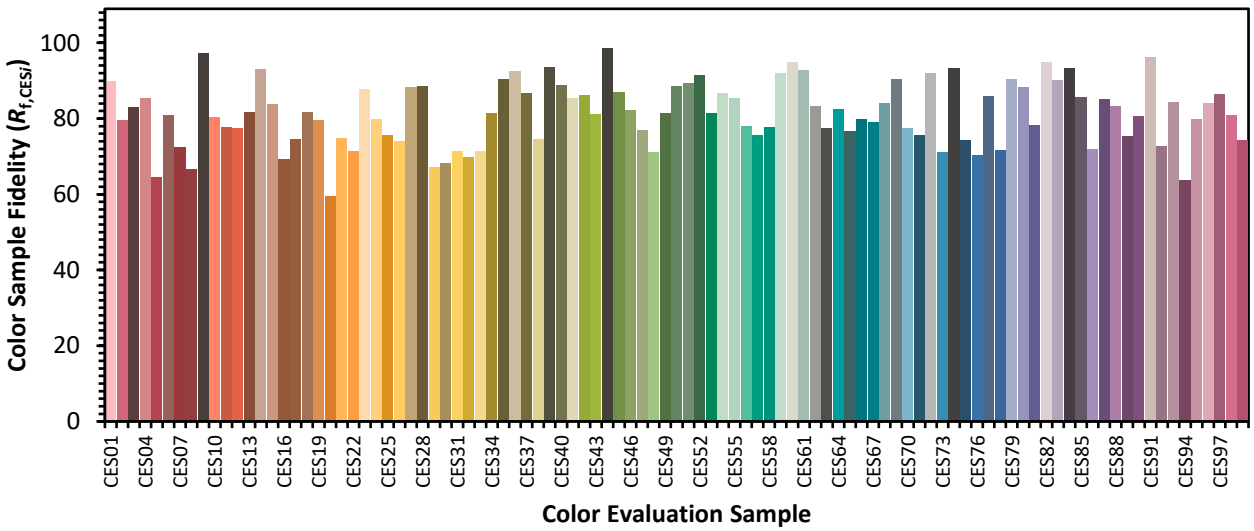


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Individual Sample Fidelity Index ($R_{f,i}$)

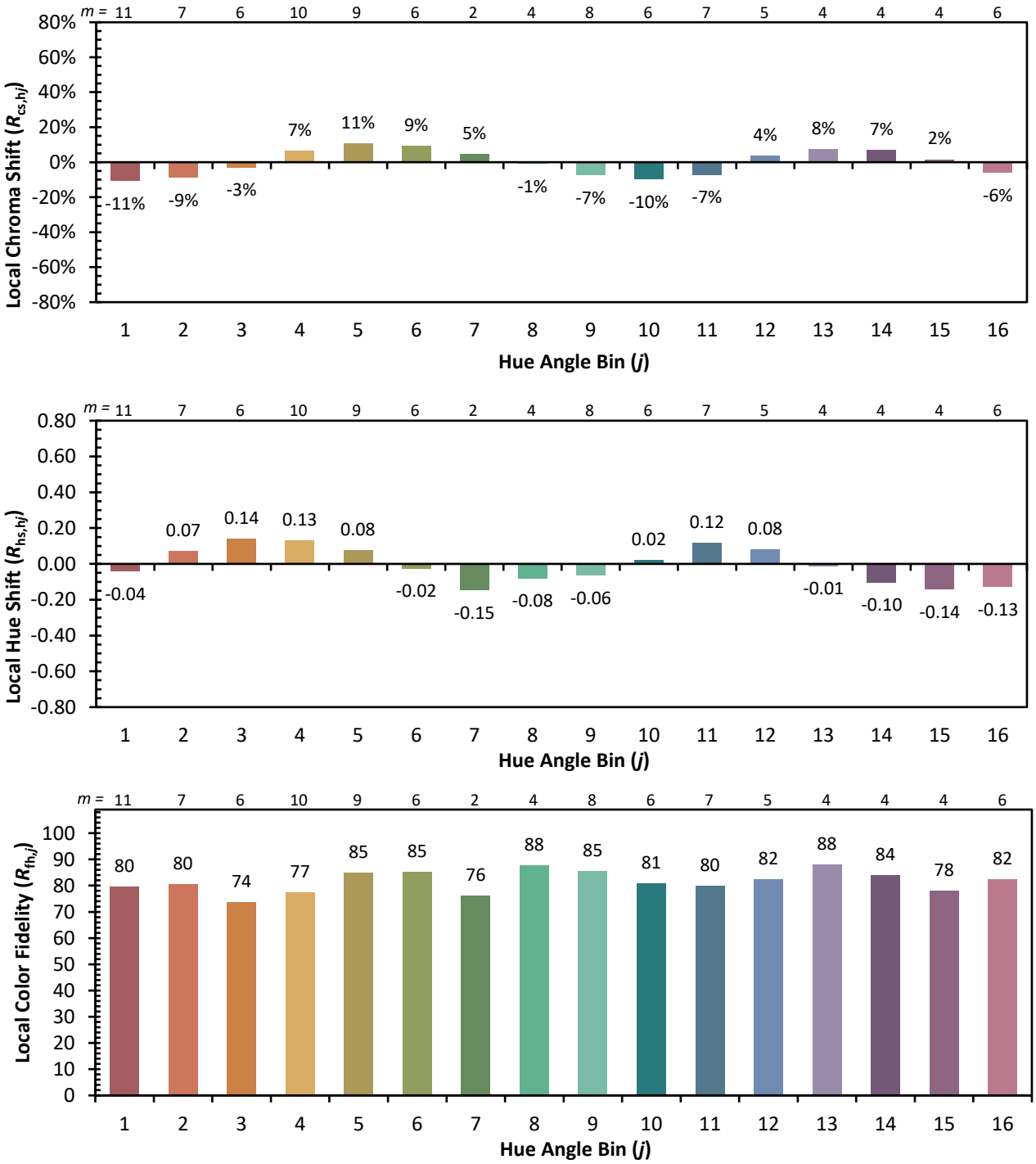
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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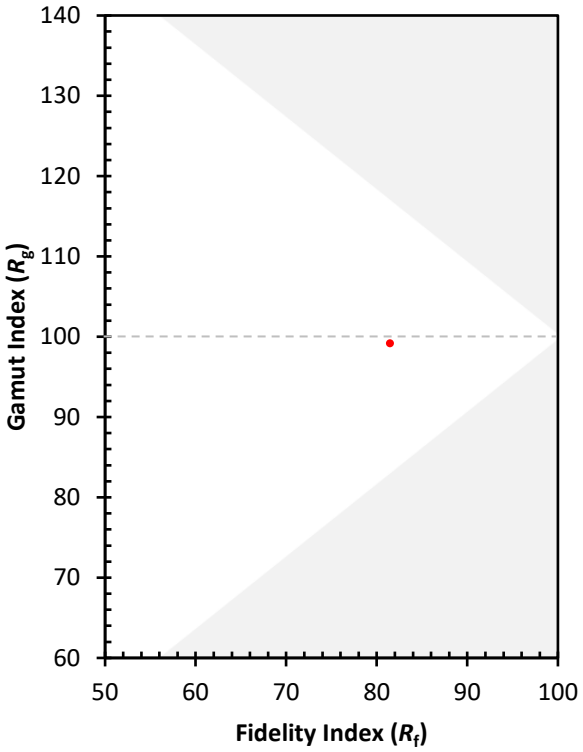
Color Rendition by Hue-Angle Bin

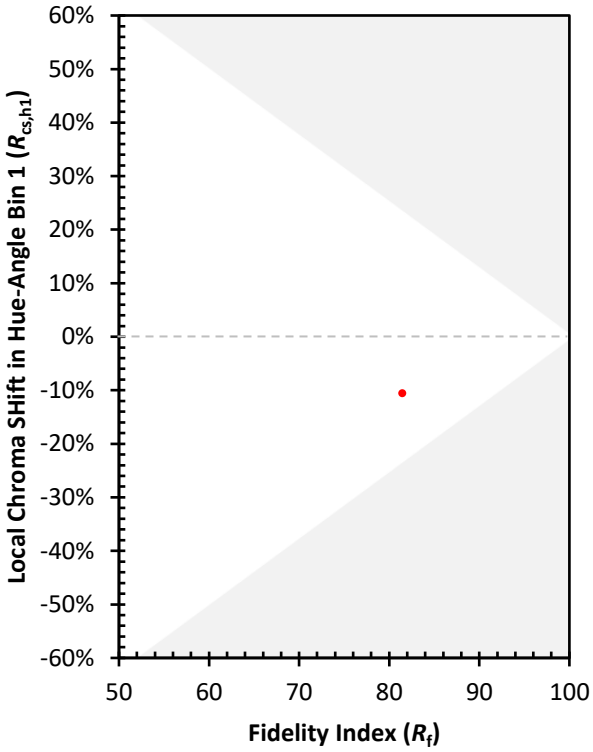


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Measure Comparisons





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