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: P1502685

Luminaire Tested: GSS-SB5A-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:	P1502685
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15754.7 lumens
Efficiency:	N/A
Efficacy:	110.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

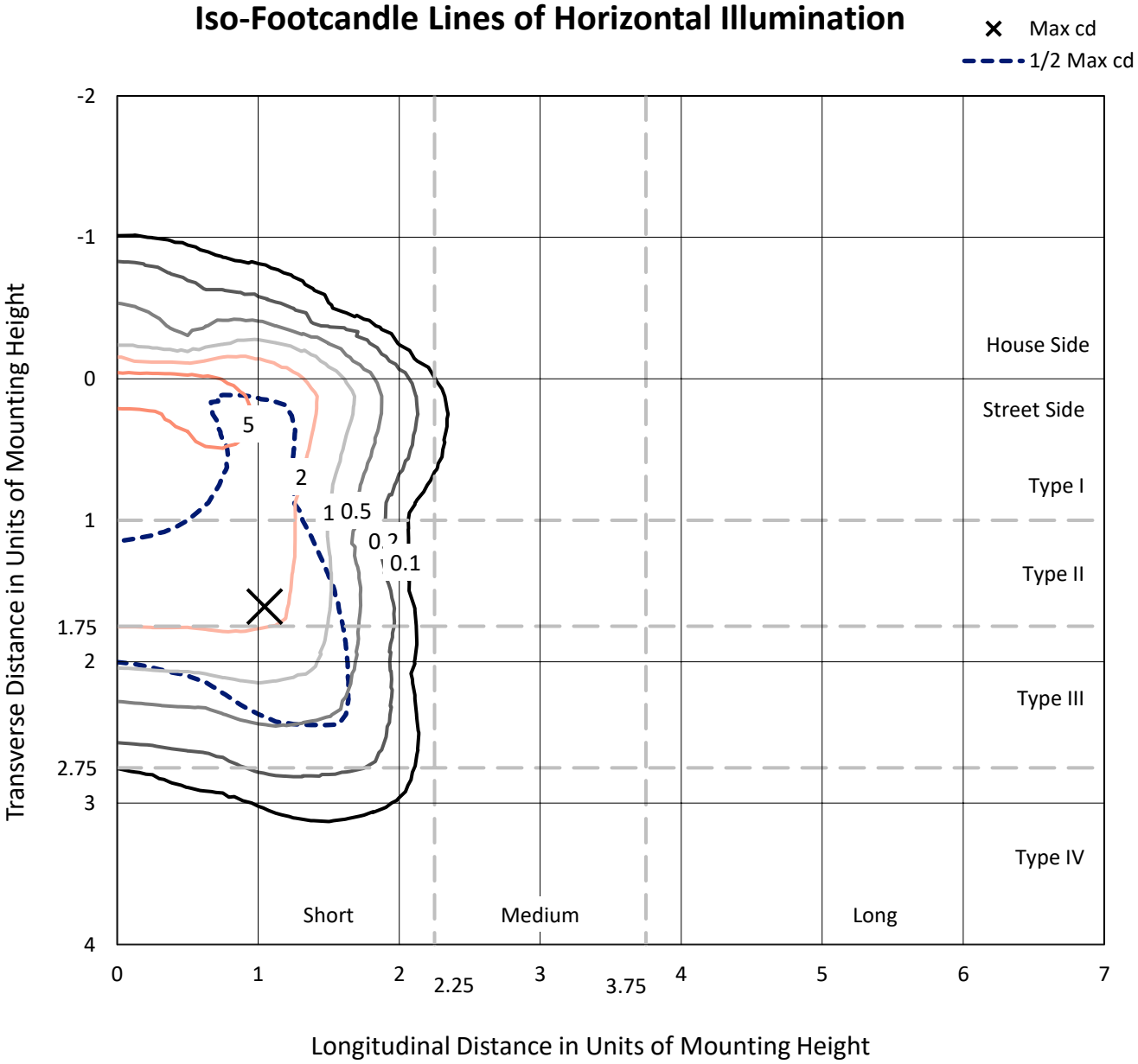
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502685
CATALOG NUMBER: GSS-SB5A-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



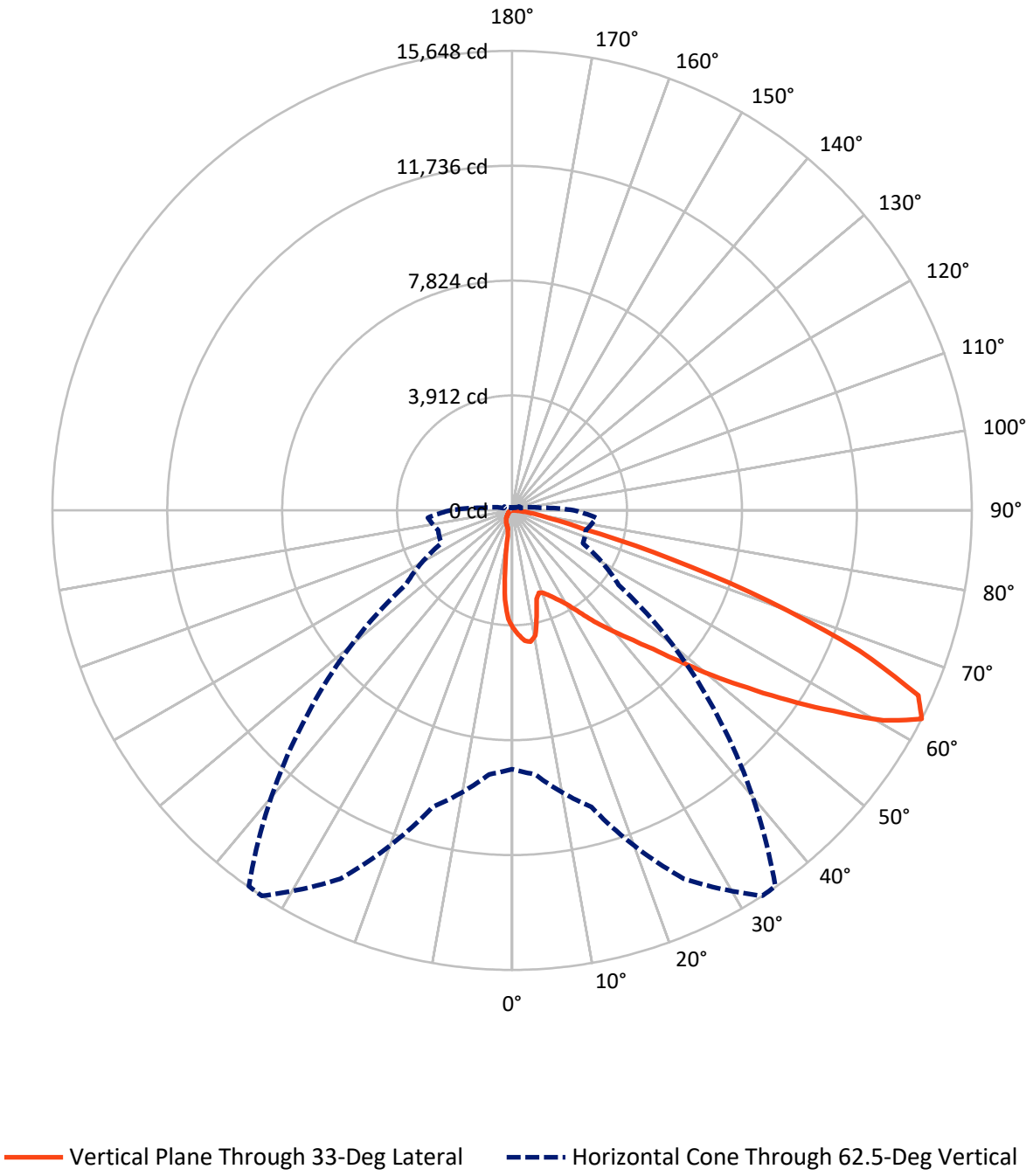
Based on 25 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502685
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Luminous Intensity Polar Plot



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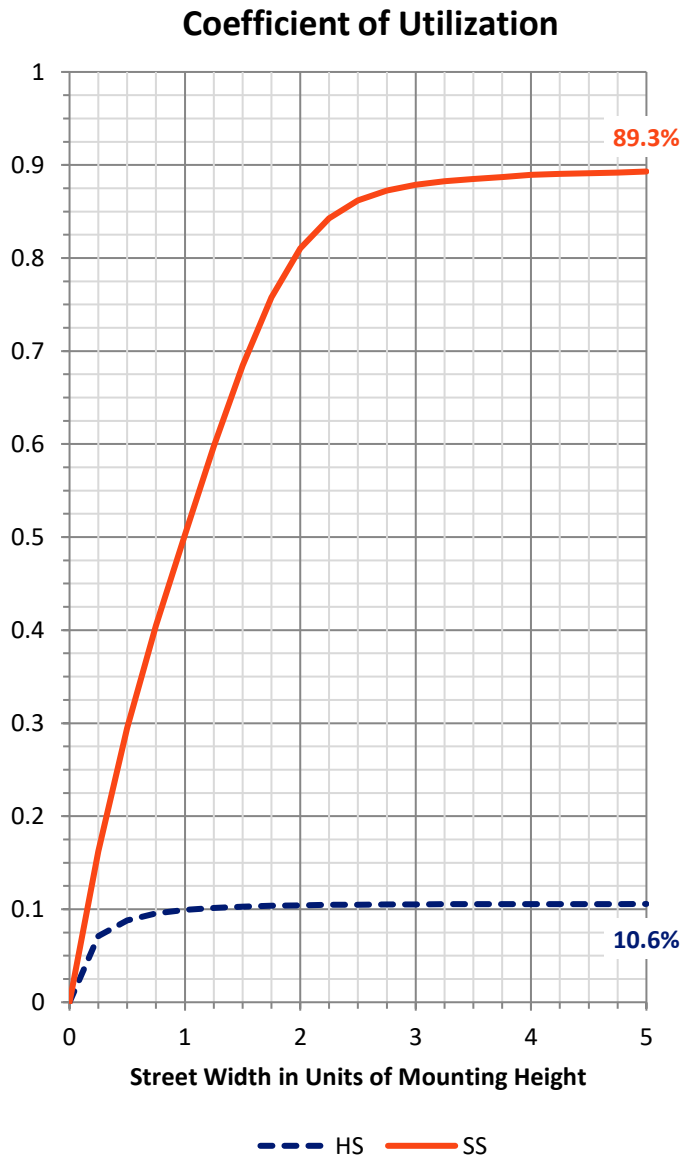
REPORT NUMBER: P1502685
CATALOG NUMBER: GSS-SB5A-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1676.4	0.0	1676.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14078.3	0.0	14078.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	15754.7	0.0	15754.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	340.2	2.2
10°-20°	759.2	4.8
20°-30°	1223.7	7.8
30°-40°	2035.7	12.9
40°-50°	3217.5	20.4
50°-60°	4322.6	27.4
60°-70°	3173.2	20.1
70°-80°	628.0	4.0
80°-90°	54.6	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°	15754.7	100.0
0°-180°	15754.7	100.0



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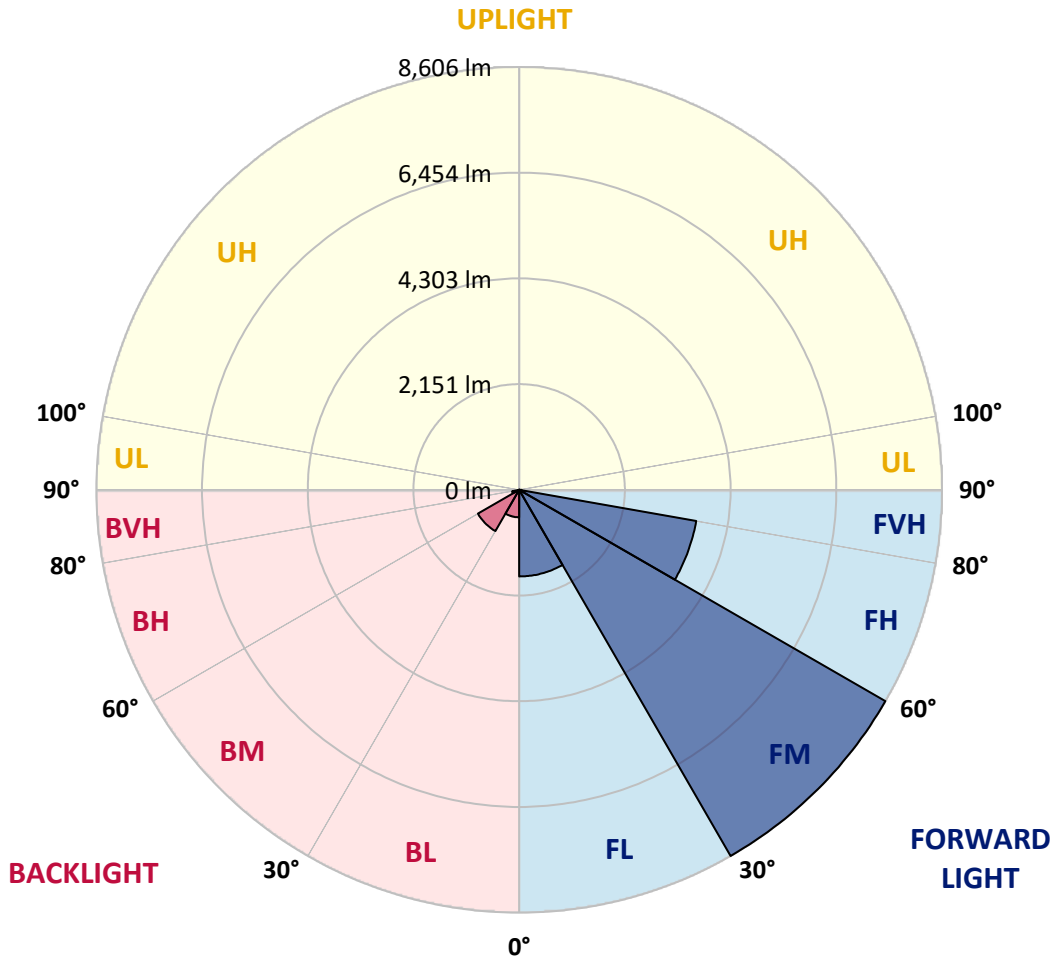
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1763.8	11.2			
FM	(30°-60°)	8606.0	54.6			
FH	(60°-80°)	3658.0	23.2			G2/5000
FVH	(80°-90°)	50.5	0.3			G1/100
BL	(0°-30°)	559.3	3.6	B2/1000		
BM	(30°-60°)	969.8	6.2	B1/1000		
BH	(60°-80°)	143.2	0.9	B1/500		G1/500
BVH	(80°-90°)	4.1	0.0			G0/10
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°	33°	35°	45°	55°	65°	75°	85°
0°	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9
2.5°	4263.7	4281.4	4281.4	4245.9	4237.0	4219.3	4201.5	4197.1	4139.4	4095.1	4050.7
5°	4481.0	4476.6	4472.2	4454.4	4458.9	4436.7	4423.4	4401.2	4303.6	4237.0	4117.2
7.5°	4387.9	4427.8	4445.6	4494.4	4516.5	4512.1	4547.6	4556.5	4472.2	4379.0	4197.1
10°	3780.1	3757.9	3917.6	4126.1	4334.6	4383.4	4574.2	4676.3	4645.2	4560.9	4325.8
12.5°	2994.8	3016.9	3127.9	3371.9	3713.5	3820.0	4370.1	4773.9	4862.6	4809.4	4503.2
15°	2741.9	2741.9	2799.5	2914.9	3119.0	3221.0	3899.8	4760.6	5093.3	5097.7	4725.1
17.5°	2688.6	2697.5	2746.3	2821.7	2954.8	2999.2	3473.9	4565.3	5319.6	5399.4	4973.5
20°	2697.5	2710.8	2764.1	2870.5	2999.2	3052.4	3363.0	4316.9	5510.4	5727.8	5235.3
22.5°	2728.6	2724.1	2817.3	2959.3	3123.4	3172.2	3456.2	4214.8	5670.1	6104.9	5541.4
25°	2764.1	2768.5	2888.3	3087.9	3287.6	3345.3	3664.7	4308.0	5785.4	6508.6	5852.0
27.5°	2870.5	2883.8	3030.3	3247.7	3482.8	3558.2	3935.3	4552.0	5985.1	6899.0	6189.2
30°	3034.7	3048.0	3216.6	3478.4	3731.2	3846.6	4272.5	4858.2	6282.3	7351.6	6535.2
32.5°	3225.5	3243.2	3460.6	3762.3	4068.4	4179.4	4658.5	5324.0	6677.2	7813.0	6894.6
35°	3465.0	3513.9	3749.0	4108.4	4521.0	4627.5	5133.2	5852.0	7191.9	8225.6	7200.7
37.5°	3793.4	3833.3	4121.7	4569.8	4986.8	5128.8	5665.6	6406.6	7657.7	8593.9	7449.2
40°	4192.7	4228.2	4552.0	5040.1	5474.9	5594.7	6224.7	6965.6	8159.1	8797.9	7502.4
42.5°	4858.2	4955.8	5159.9	5572.5	6038.3	6189.2	6845.8	7506.9	8522.9	8837.9	7418.1
45°	6020.6	6051.6	6096.0	6291.2	6739.3	6872.4	7502.4	7977.2	8740.3	8846.7	7342.7
47.5°	7134.2	7240.7	7302.8	7391.5	7662.2	7711.0	8190.1	8398.6	8913.3	8815.7	7342.7
50°	8247.8	8327.7	8434.1	8540.6	8829.0	8846.7	8917.7	8682.6	8922.2	8562.8	7298.3
52.5°	9259.4	9286.0	9467.9	9672.0	10031.3	10128.9	9592.1	8891.1	8385.3	7764.2	7089.8
55°	10164.4	10199.9	10475.0	10892.1	11406.7	11535.4	10417.3	8487.4	7236.2	6730.4	6606.2
57.5°	10750.1	10834.4	11384.5	12302.9	12884.1	12826.4	11056.2	7542.4	5812.1	5505.9	5749.9
60°	10457.3	10572.6	11730.6	13487.5	14521.3	14352.7	10878.7	6206.9	4294.7	4072.9	4552.0
62.5°	8811.3	9024.2	10457.3	13838.0	15648.2	15621.6	9876.1	4427.8	2662.0	2604.3	2875.0
65°	6127.1	6495.3	8194.6	12666.7	15195.6	15235.6	8314.3	2577.7	1233.4	1530.7	1681.5
67.5°	3611.5	3873.2	5279.7	10341.9	12751.0	12382.8	5652.3	1193.5	616.7	931.7	891.8
70°	1588.3	1765.8	3025.8	7165.2	9290.4	8695.9	2759.6	581.2	470.3	563.5	492.5
72.5°	874.0	953.9	1592.8	3784.5	5652.3	5372.8	931.7	386.0	403.7	421.5	354.9
75°	488.0	523.5	838.5	2187.3	2484.5	2311.5	452.5	252.9	341.6	341.6	261.8
77.5°	283.9	315.0	523.5	1362.1	1362.1	1100.3	275.1	159.7	257.3	230.7	142.0
80°	133.1	150.8	288.4	754.2	860.7	709.9	155.3	110.9	168.6	146.4	93.2
82.5°	39.9	48.8	142.0	292.8	488.0	417.0	79.9	71.0	124.2	93.2	53.2
85°	26.6	31.1	71.0	119.8	239.6	208.5	26.6	22.2	53.2	44.4	22.2
87.5°	4.4	4.4	8.9	8.9	8.9	8.9	4.4	4.4	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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REPORT NUMBER: P1502685
CATALOG NUMBER: GSS-SB5A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9	4001.9
2.5°	4024.1	3993.0	3922.0	3855.5	3820.0	3740.1	3709.1	3673.6	3655.8	3651.4	3624.8
5°	4041.8	3984.1	3806.7	3629.2	3442.9	3265.4	3083.5	2923.8	2795.1	2799.5	2804.0
7.5°	4095.1	3979.7	3669.1	3314.2	2914.9	2453.5	1961.0	1592.8	1357.6	1308.8	1264.5
10°	4166.0	3997.5	3500.5	2843.9	2058.6	1295.5	914.0	780.9	723.2	709.9	714.3
12.5°	4299.1	4041.8	3287.6	2196.2	1140.2	745.4	661.1	638.9	630.0	630.0	630.0
15°	4463.3	4103.9	2954.8	1437.5	745.4	621.1	603.4	599.0	590.1	590.1	594.5
17.5°	4600.8	4103.9	2515.6	936.1	612.3	576.8	563.5	559.0	559.0	563.5	559.0
20°	4751.7	4072.9	2023.1	705.4	567.9	536.8	528.0	528.0	528.0	532.4	532.4
22.5°	4907.0	4019.6	1566.1	603.4	528.0	501.3	496.9	501.3	505.8	510.2	510.2
25°	5080.0	3953.1	1237.8	559.0	492.5	470.3	470.3	470.3	474.7	483.6	488.0
27.5°	5270.8	3895.4	1060.4	532.4	461.4	439.2	439.2	443.7	452.5	457.0	461.4
30°	5448.2	3895.4	1002.7	545.7	448.1	421.5	412.6	417.0	425.9	434.8	434.8
32.5°	5670.1	3939.8	1033.7	603.4	443.7	394.9	386.0	386.0	394.9	399.3	399.3
35°	5856.4	4024.1	1140.2	683.2	461.4	372.7	354.9	350.5	359.4	354.9	359.4
37.5°	6007.3	4139.4	1335.4	789.7	496.9	346.1	323.9	310.6	310.6	310.6	310.6
40°	6051.6	4254.8	1583.9	860.7	492.5	315.0	283.9	270.6	266.2	261.8	261.8
42.5°	5989.5	4308.0	1783.5	856.3	439.2	292.8	252.9	235.1	221.8	217.4	217.4
45°	5940.7	4334.6	1854.5	745.4	399.3	266.2	226.3	204.1	190.8	186.3	181.9
47.5°	5945.2	4361.3	1748.1	607.8	363.8	244.0	204.1	181.9	168.6	164.2	159.7
50°	5962.9	4316.9	1481.9	505.8	332.8	221.8	181.9	164.2	150.8	146.4	142.0
52.5°	5776.6	4081.7	1042.6	443.7	306.1	208.5	164.2	150.8	137.5	133.1	133.1
55°	5288.5	3518.3	705.4	394.9	283.9	190.8	150.8	142.0	128.7	119.8	119.8
57.5°	4507.7	2653.1	488.0	359.4	248.5	173.0	142.0	128.7	115.4	106.5	106.5
60°	3447.3	1730.3	354.9	328.3	204.1	159.7	133.1	124.2	106.5	97.6	93.2
62.5°	*2098.6*	*971.6*	*288.4*	*288.4*	*173.0*	*150.8*	*119.8*	*110.9*	*93.2*	*79.9*	*75.4*
65°	1215.7	572.3	235.1	244.0	150.8	137.5	106.5	93.2	75.4	62.1	57.7
67.5°	585.6	332.8	186.3	173.0	133.1	115.4	93.2	79.9	66.6	53.2	48.8
70°	359.4	257.3	142.0	124.2	106.5	88.7	75.4	71.0	57.7	44.4	44.4
72.5°	292.8	208.5	110.9	88.7	79.9	62.1	62.1	57.7	44.4	35.5	31.1
75°	230.7	155.3	84.3	62.1	48.8	48.8	44.4	39.9	35.5	26.6	26.6
77.5°	124.2	106.5	62.1	35.5	26.6	31.1	31.1	26.6	22.2	17.7	17.7
80°	79.9	62.1	35.5	17.7	17.7	17.7	17.7	13.3	13.3	8.9	8.9
82.5°	39.9	31.1	17.7	4.4	8.9	8.9	8.9	8.9	8.9	4.4	4.4
85°	8.9	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
87.5°	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4
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

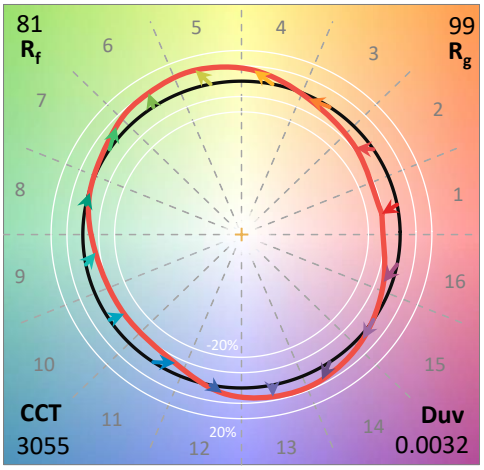
Test Information

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

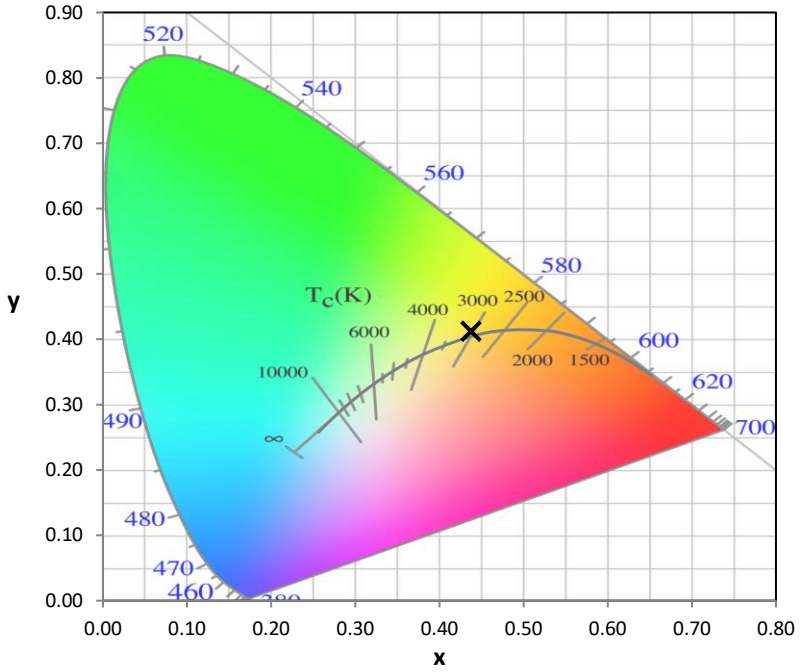
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

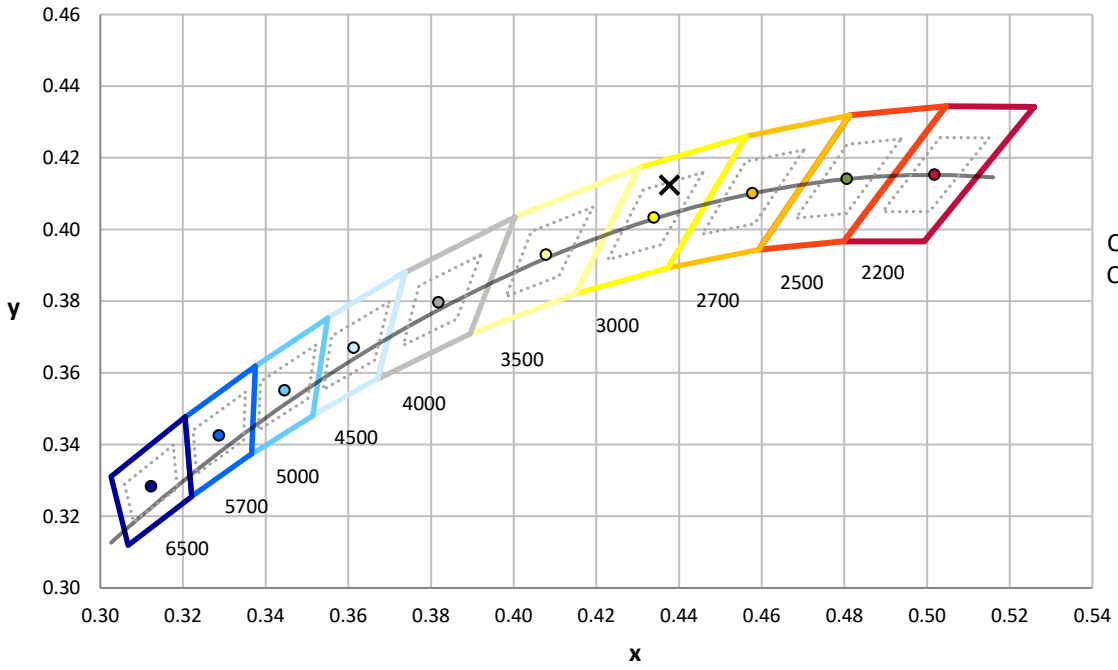
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

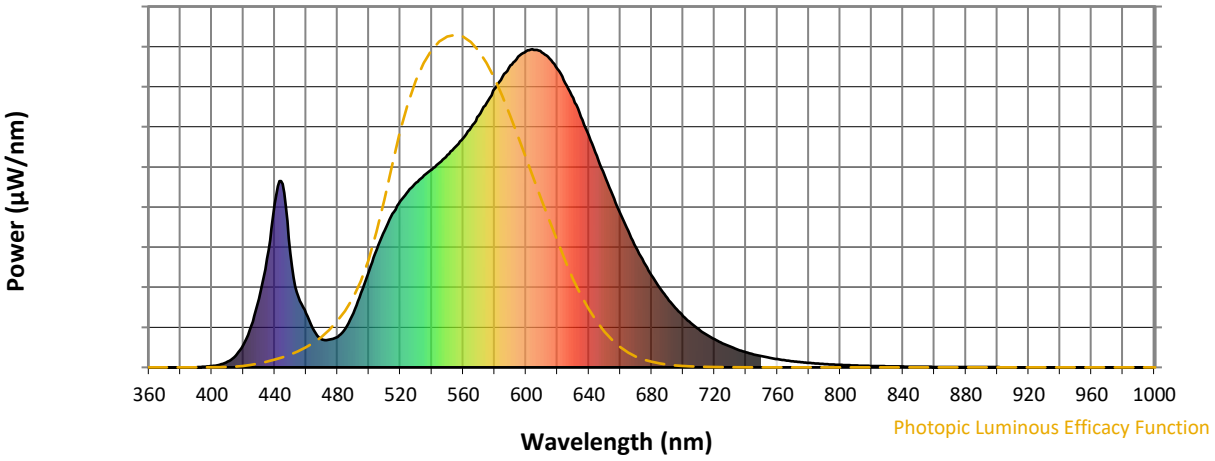


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

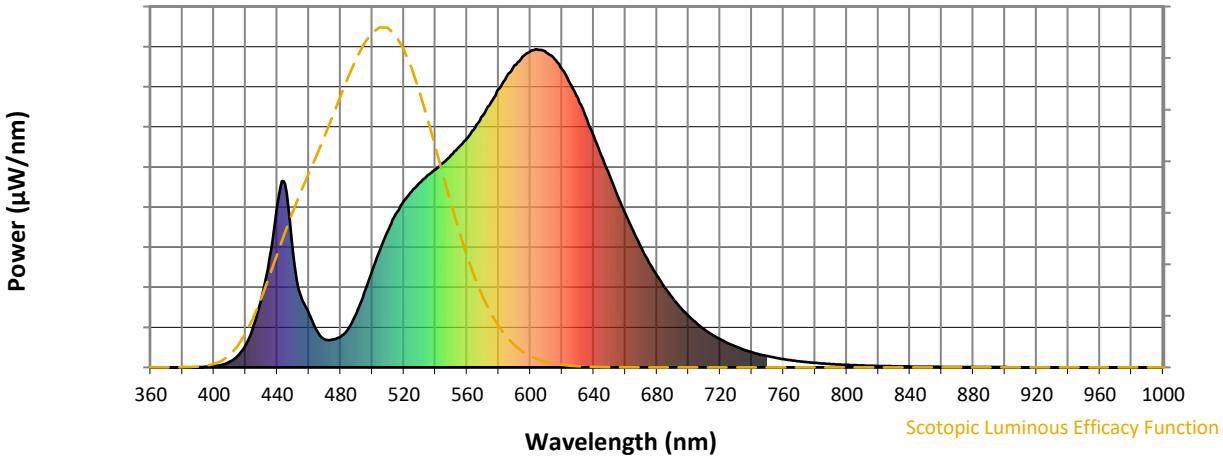


Photopic Lumens: NR

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

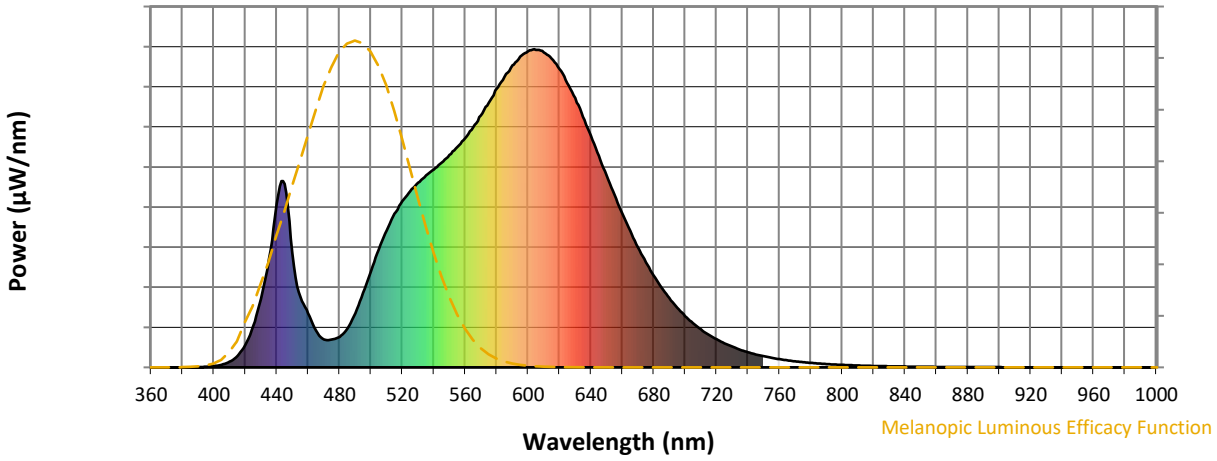


Scotopic Lumens: NR **S/P: 1.28**

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			

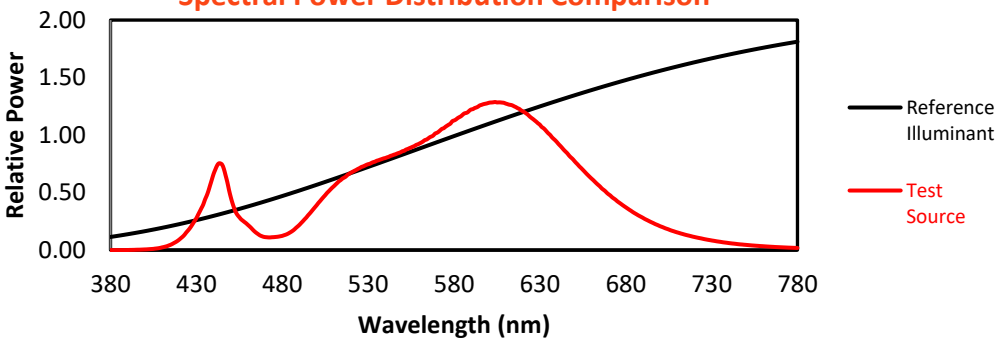
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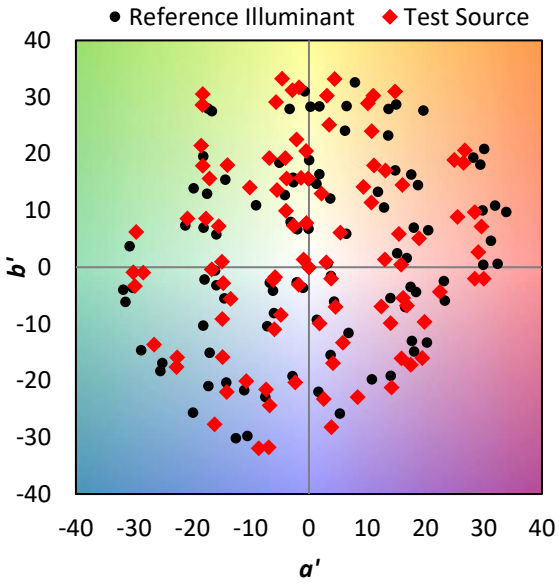
Summary

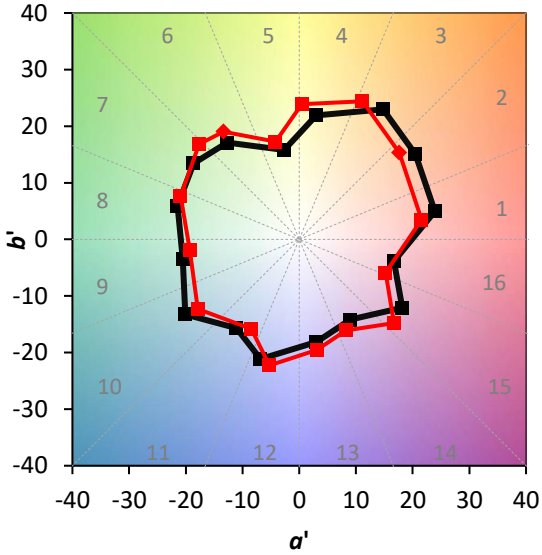
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

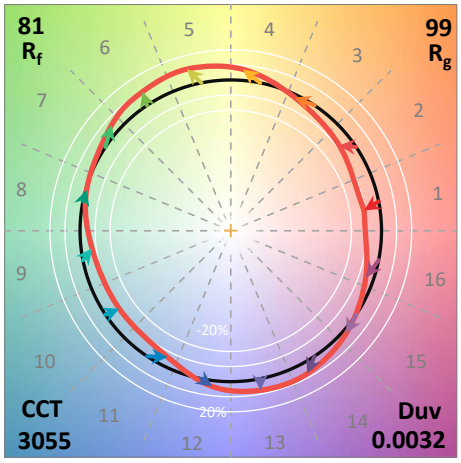
Spectral Power Distribution Comparison

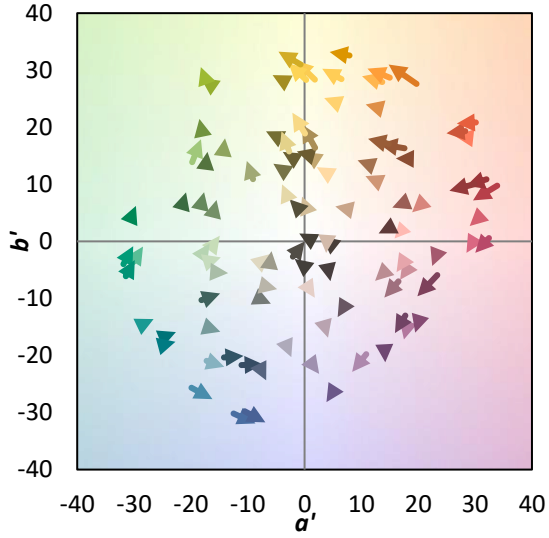


Color Vector Graphics







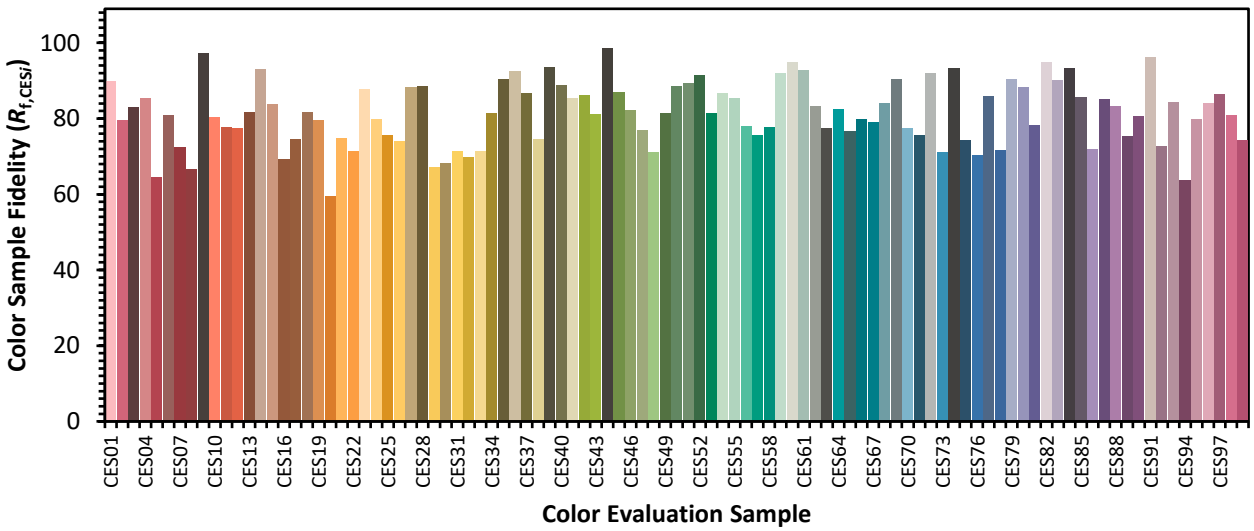


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Individual Sample Fidelity Index ($R_{f,i}$)

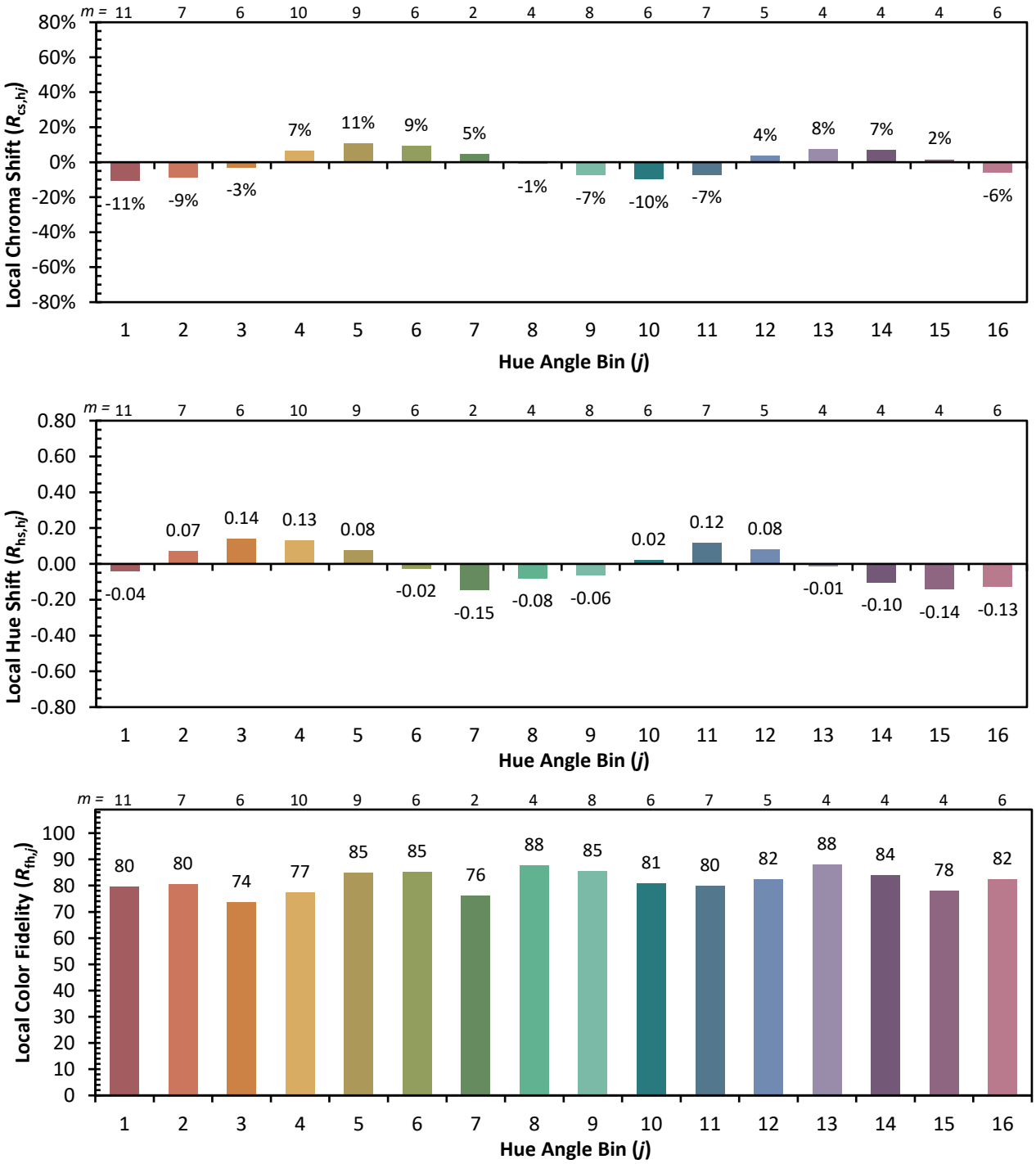
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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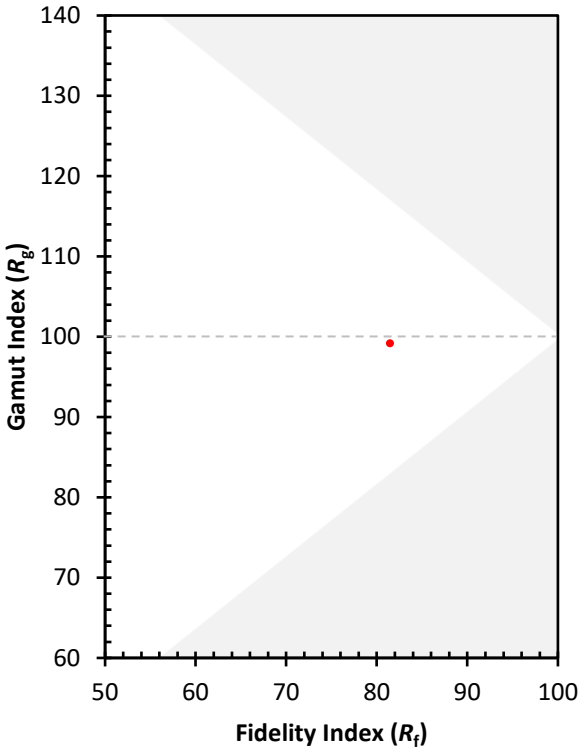
Color Rendition by Hue-Angle Bin

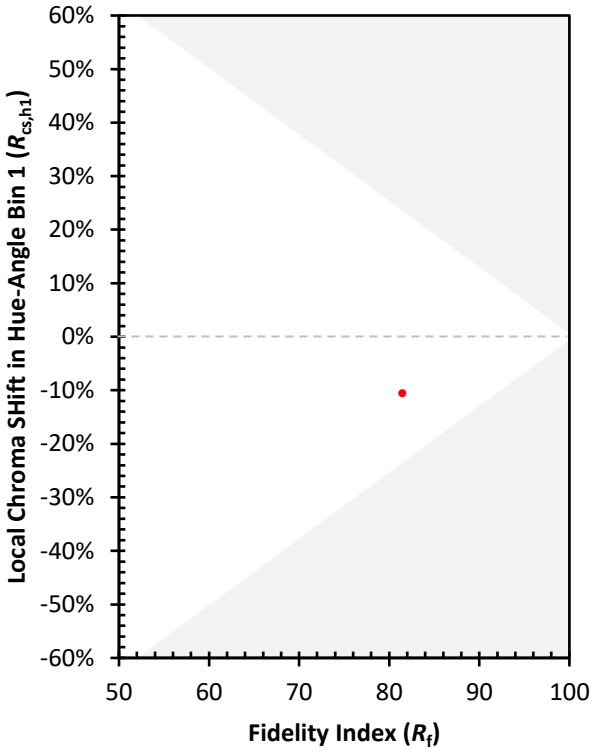


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Measure Comparisons





(END OF REPORT)