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: P1502682

Luminaire Tested: GSS-SB4B-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:	P1502682
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15888 lumens
Efficiency:	N/A
Efficacy:	107.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

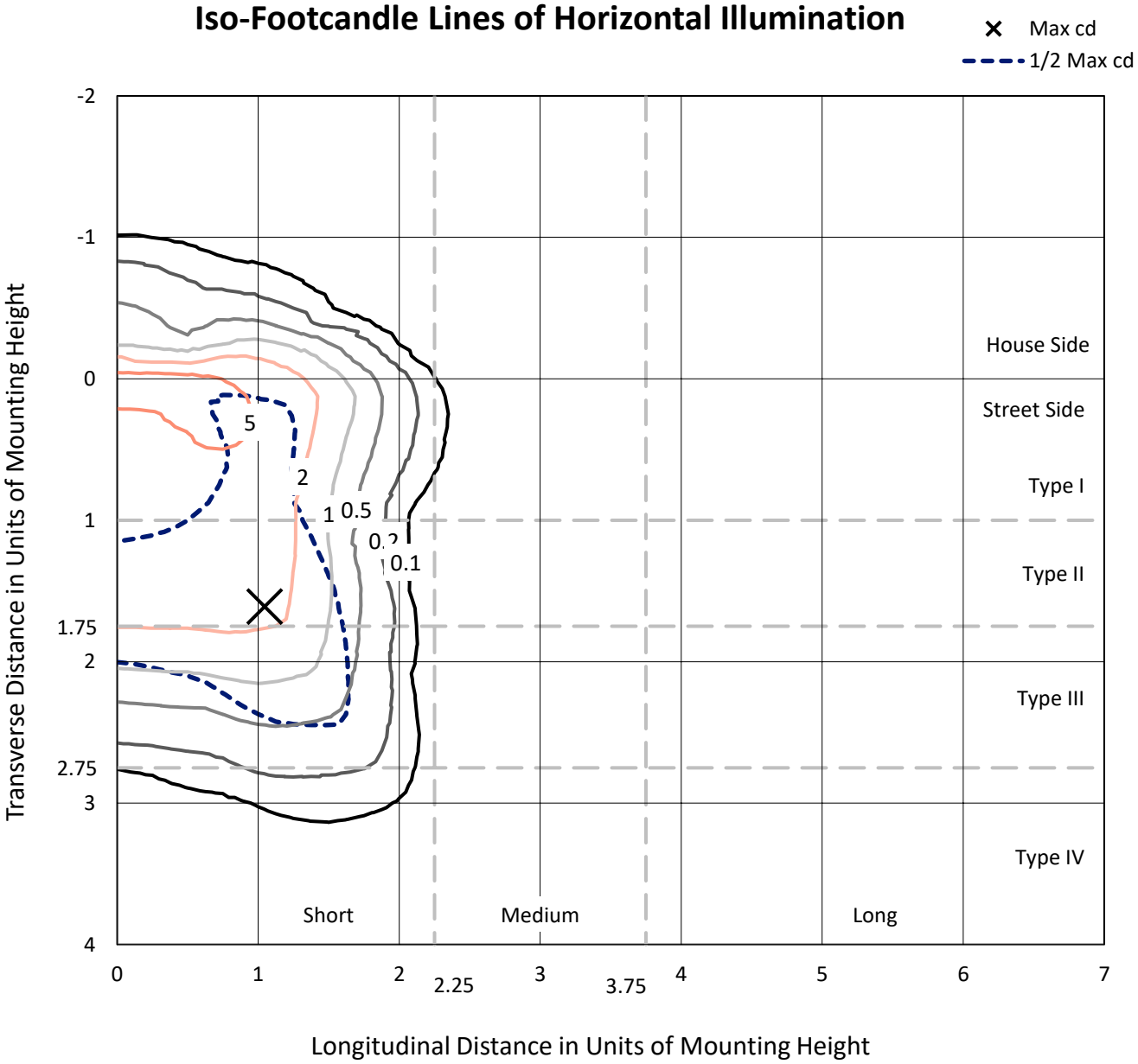
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502682
CATALOG NUMBER: GSS-SB4B-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



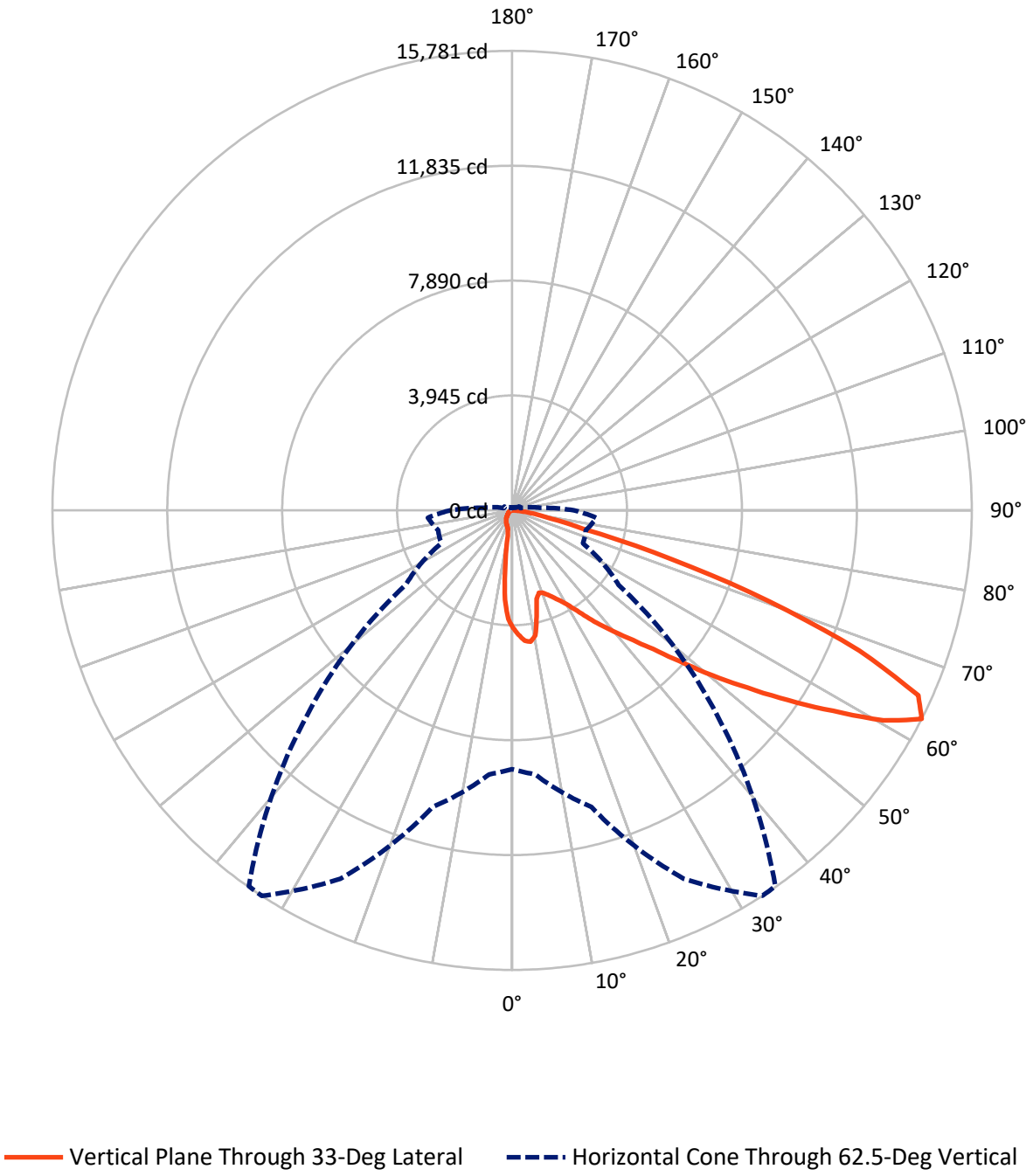
Based on 25 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1502682
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Luminous Intensity Polar Plot



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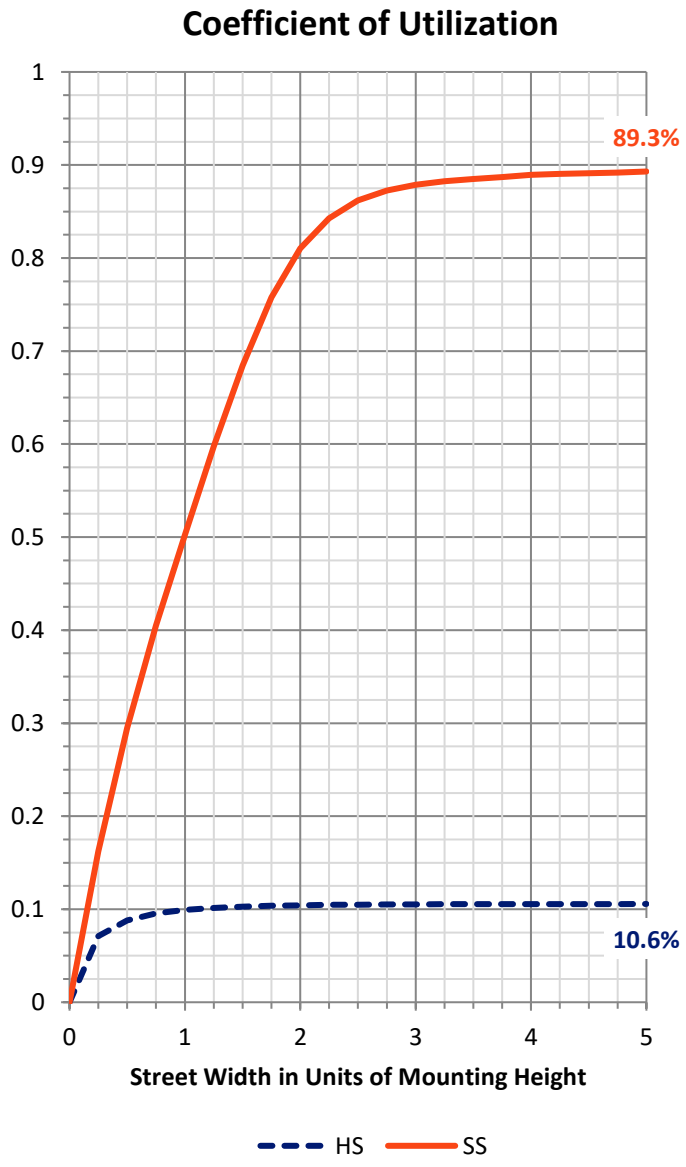
REPORT NUMBER: P1502682
CATALOG NUMBER: GSS-SB4B-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1690.6	0.0	1690.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14197.4	0.0	14197.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	15888.0	0.0	15888.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.1	2.2
10°-20°	765.7	4.8
20°-30°	1234.0	7.8
30°-40°	2052.9	12.9
40°-50°	3244.7	20.4
50°-60°	4359.2	27.4
60°-70°	3200.1	20.1
70°-80°	633.3	4.0
80°-90°	55.0	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°	15888.0	100.0
0°-180°	15888.0	100.0



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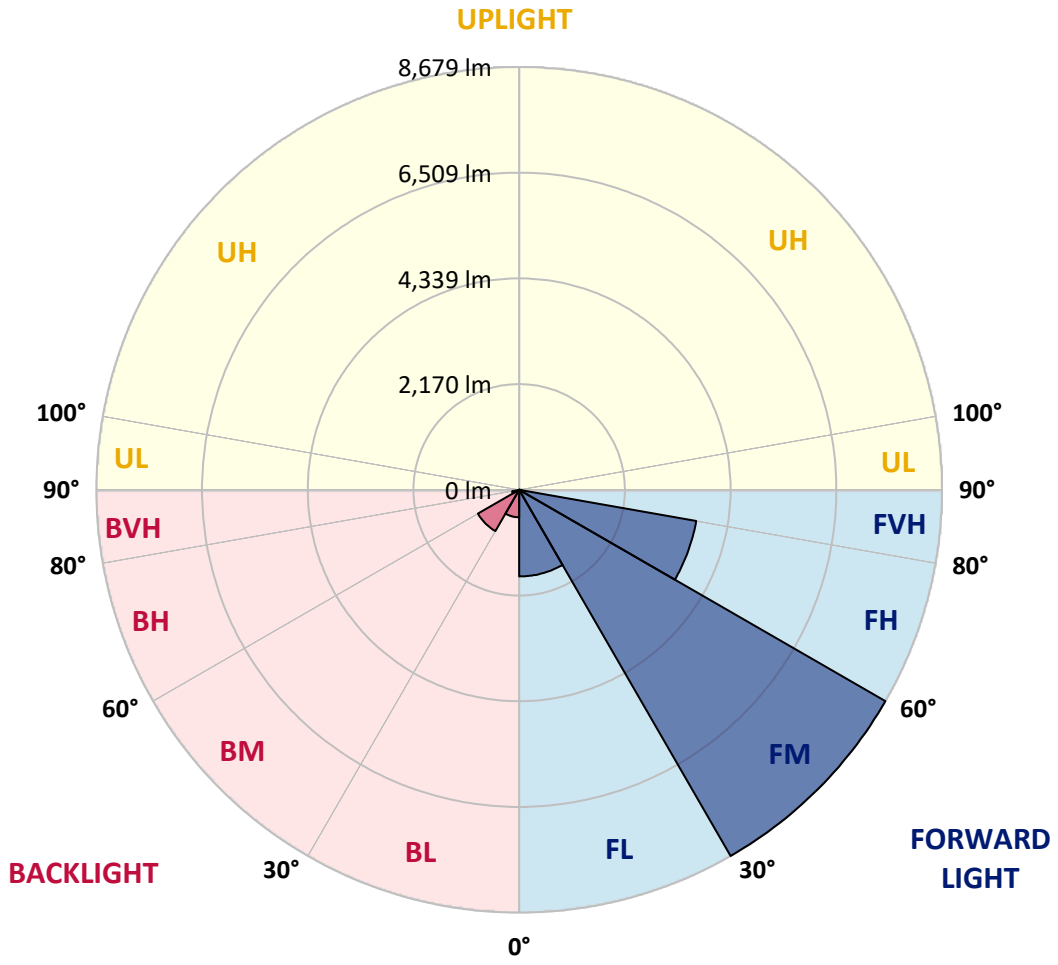
Scaled Data Report

REPORT NUMBER: P1502682
CATALOG NUMBER: GSS-SB4B-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°)	1778.7	11.2			
FM	(30°-60°)	8678.8	54.6			
FH	(60°-80°)	3689.0	23.2			G2/5000
FVH	(80°-90°)	50.9	0.3			G1/100
BL	(0°-30°)	564.1	3.6	B2/1000		
BM	(30°-60°)	978.0	6.2	B1/1000		
BH	(60°-80°)	144.4	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°	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7
2.5°	4299.7	4317.6	4317.6	4281.8	4272.9	4255.0	4237.1	4232.6	4174.4	4129.7	4084.9
5°	4518.9	4514.5	4510.0	4492.1	4496.6	4474.2	4460.8	4438.4	4340.0	4272.9	4152.1
7.5°	4425.0	4465.2	4483.1	4532.4	4554.7	4550.3	4586.1	4595.0	4510.0	4416.0	4232.6
10°	3812.0	3789.6	3950.7	4161.0	4371.3	4420.5	4612.9	4715.8	4684.5	4599.5	4362.3
12.5°	3020.1	3042.5	3154.3	3400.4	3744.9	3852.3	4407.1	4814.2	4903.7	4850.0	4541.3
15°	2765.1	2765.1	2823.2	2939.5	3145.4	3248.3	3932.8	4800.8	5136.4	5140.9	4765.0
17.5°	2711.4	2720.3	2769.5	2845.6	2979.8	3024.6	3503.3	4603.9	5364.6	5445.1	5015.6
20°	2720.3	2733.7	2787.4	2894.8	3024.6	3078.2	3391.4	4353.4	5557.0	5776.2	5279.6
22.5°	2751.6	2747.2	2841.1	2984.3	3149.8	3199.1	3485.4	4250.5	5718.0	6156.5	5588.3
25°	2787.4	2791.9	2912.7	3114.0	3315.4	3373.5	3695.7	4344.4	5834.4	6563.6	5901.5
27.5°	2894.8	2908.2	3055.9	3275.1	3512.2	3588.3	3968.6	4590.5	6035.7	6957.4	6241.5
30°	3060.4	3073.8	3243.8	3507.8	3762.8	3879.1	4308.7	4899.2	6335.5	7413.7	6590.5
32.5°	3252.7	3270.6	3489.9	3794.1	4102.8	4214.7	4697.9	5369.0	6733.7	7879.1	6952.9
35°	3494.3	3543.6	3780.7	4143.1	4559.2	4666.6	5176.6	5901.5	7252.7	8295.2	7261.6
37.5°	3825.4	3865.7	4156.5	4608.4	5029.0	5172.2	5713.6	6460.7	7722.5	8666.5	7512.2
40°	4228.1	4263.9	4590.5	5082.7	5521.2	5642.0	6277.3	7024.5	8228.0	8872.3	7565.9
42.5°	4899.2	4997.7	5203.5	5619.6	6089.4	6241.5	6903.7	7570.3	8594.9	8912.6	7480.9
45°	6071.5	6102.8	6147.5	6344.4	6796.3	6930.5	7565.9	8044.6	8814.2	8921.5	7404.8
47.5°	7194.5	7301.9	7364.5	7454.0	7726.9	7776.2	8259.4	8469.7	8988.7	8890.2	7404.8
50°	8317.5	8398.1	8505.4	8612.8	8903.7	8921.5	8993.1	8756.0	8997.6	8635.2	7360.1
52.5°	9337.7	9364.5	9547.9	9753.8	10116.2	10214.6	9673.2	8966.3	8456.2	7829.8	7149.8
55°	10250.4	10286.2	10563.6	10984.2	11503.2	11632.9	10505.4	8559.1	7297.4	6787.4	6662.1
57.5°	10841.0	10926.0	11480.8	12406.9	12993.1	12934.9	11149.7	7606.1	5861.2	5552.5	5798.6
60°	10545.7	10662.0	11829.8	13601.6	14644.0	14474.0	10970.7	6259.4	4331.0	4107.3	4590.5
62.5°	8885.8	9100.5	10545.7	13955.0	15780.5	15753.6	9959.6	4465.2	2684.5	2626.4	2899.3
65°	6178.9	6550.2	8263.8	12773.8	15324.1	15364.4	8384.6	2599.5	1243.8	1543.6	1695.7
67.5°	3642.0	3906.0	5324.3	10429.4	12858.8	12487.5	5700.1	1203.6	621.9	939.6	899.3
70°	1601.8	1780.7	3051.4	7225.8	9369.0	8769.4	2783.0	586.1	474.3	568.2	496.6
72.5°	881.4	962.0	1606.2	3816.5	5700.1	5418.3	939.6	389.3	407.2	425.0	357.9
75°	492.2	528.0	845.6	2205.8	2505.6	2331.1	456.4	255.0	344.5	344.5	264.0
77.5°	286.3	317.7	528.0	1373.6	1373.6	1109.6	277.4	161.1	259.5	232.7	143.2
80°	134.2	152.1	290.8	760.6	868.0	715.9	156.6	111.9	170.0	147.6	94.0
82.5°	40.3	49.2	143.2	295.3	492.2	420.6	80.5	71.6	125.3	94.0	53.7
85°	26.8	31.3	71.6	120.8	241.6	210.3	26.8	22.4	53.7	44.7	22.4
87.5°	4.5	4.5	8.9	8.9	8.9	8.9	4.5	4.5	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: P1502682
CATALOG NUMBER: GSS-SB4B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7	4035.7
2.5°	4058.1	4026.8	3955.2	3888.1	3852.3	3771.7	3740.4	3704.6	3686.7	3682.3	3655.4
5°	4076.0	4017.8	3838.9	3659.9	3472.0	3293.0	3109.6	2948.5	2818.7	2823.2	2827.7
7.5°	4129.7	4013.4	3700.2	3342.2	2939.5	2474.2	1977.6	1606.2	1369.1	1319.9	1275.1
10°	4201.3	4031.3	3530.1	2868.0	2076.0	1306.5	921.7	787.5	729.3	715.9	720.3
12.5°	4335.5	4076.0	3315.4	2214.7	1149.9	751.7	666.7	644.3	635.3	635.3	635.3
15°	4501.0	4138.6	2979.8	1449.6	751.7	626.4	608.5	604.0	595.1	595.1	599.5
17.5°	4639.7	4138.6	2536.9	944.1	617.4	581.6	568.2	563.7	563.7	568.2	563.7
20°	4791.9	4107.3	2040.2	711.4	572.7	541.4	532.4	532.4	532.4	536.9	536.9
22.5°	4948.5	4053.6	1579.4	608.5	532.4	505.6	501.1	505.6	510.1	514.5	514.5
25°	5123.0	3986.5	1248.3	563.7	496.6	474.3	474.3	474.3	478.7	487.7	492.2
27.5°	5315.3	3928.3	1069.3	536.9	465.3	442.9	442.9	447.4	456.4	460.8	465.3
30°	5494.3	3928.3	1011.2	550.3	451.9	425.0	416.1	420.6	429.5	438.5	438.5
32.5°	5718.0	3973.1	1042.5	608.5	447.4	398.2	389.3	389.3	398.2	402.7	402.7
35°	5905.9	4058.1	1149.9	689.0	465.3	375.8	357.9	353.5	362.4	357.9	362.4
37.5°	6058.1	4174.4	1346.7	796.4	501.1	349.0	326.6	313.2	313.2	313.2	313.2
40°	6102.8	4290.8	1597.3	868.0	496.6	317.7	286.3	272.9	268.5	264.0	264.0
42.5°	6040.2	4344.4	1798.6	863.5	442.9	295.3	255.0	237.1	223.7	219.2	219.2
45°	5991.0	4371.3	1870.2	751.7	402.7	268.5	228.2	205.8	192.4	187.9	183.4
47.5°	5995.4	4398.1	1762.8	613.0	366.9	246.1	205.8	183.4	170.0	165.5	161.1
50°	6013.3	4353.4	1494.4	510.1	335.6	223.7	183.4	165.5	152.1	147.6	143.2
52.5°	5825.4	4116.3	1051.4	447.4	308.7	210.3	165.5	152.1	138.7	134.2	134.2
55°	5333.2	3548.0	711.4	398.2	286.3	192.4	152.1	143.2	129.8	120.8	120.8
57.5°	4545.8	2675.6	492.2	362.4	250.6	174.5	143.2	129.8	116.3	107.4	107.4
60°	3476.5	1744.9	357.9	331.1	205.8	161.1	134.2	125.3	107.4	98.4	94.0
62.5°	*2116.3*	*979.8*	*290.8*	*290.8*	*174.5*	*152.1*	*120.8*	*111.9*	*94.0*	*80.5*	*76.1*
65°	1225.9	577.2	237.1	246.1	152.1	138.7	107.4	94.0	76.1	62.6	58.2
67.5°	590.6	335.6	187.9	174.5	134.2	116.3	94.0	80.5	67.1	53.7	49.2
70°	362.4	259.5	143.2	125.3	107.4	89.5	76.1	71.6	58.2	44.7	44.7
72.5°	295.3	210.3	111.9	89.5	80.5	62.6	62.6	58.2	44.7	35.8	31.3
75°	232.7	156.6	85.0	62.6	49.2	49.2	44.7	40.3	35.8	26.8	26.8
77.5°	125.3	107.4	62.6	35.8	26.8	31.3	31.3	26.8	22.4	17.9	17.9
80°	80.5	62.6	35.8	17.9	17.9	17.9	17.9	13.4	13.4	8.9	8.9
82.5°	40.3	31.3	17.9	4.5	8.9	8.9	8.9	8.9	8.9	4.5	4.5
85°	8.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	0.0	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5
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

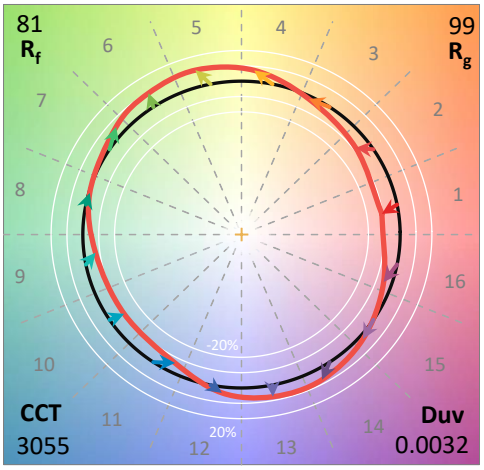
Test Information

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

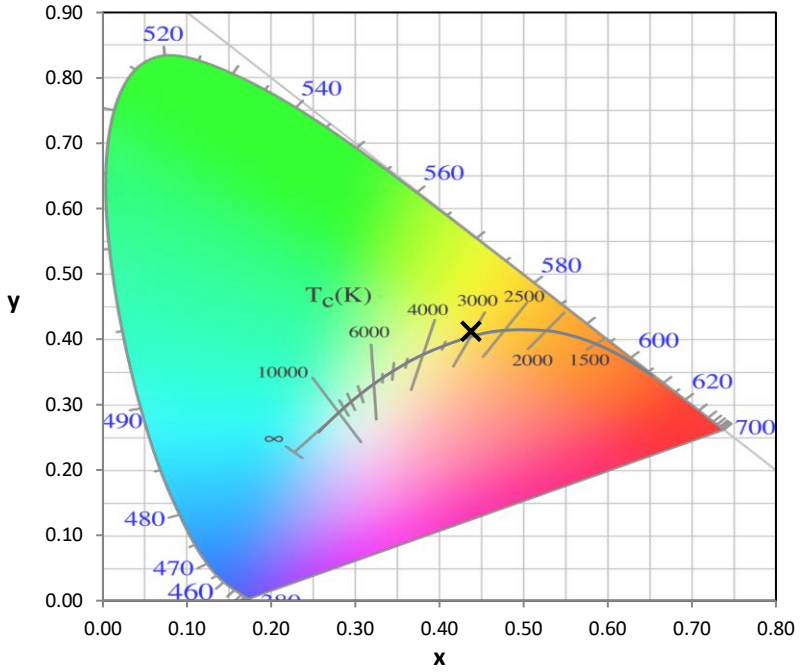
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

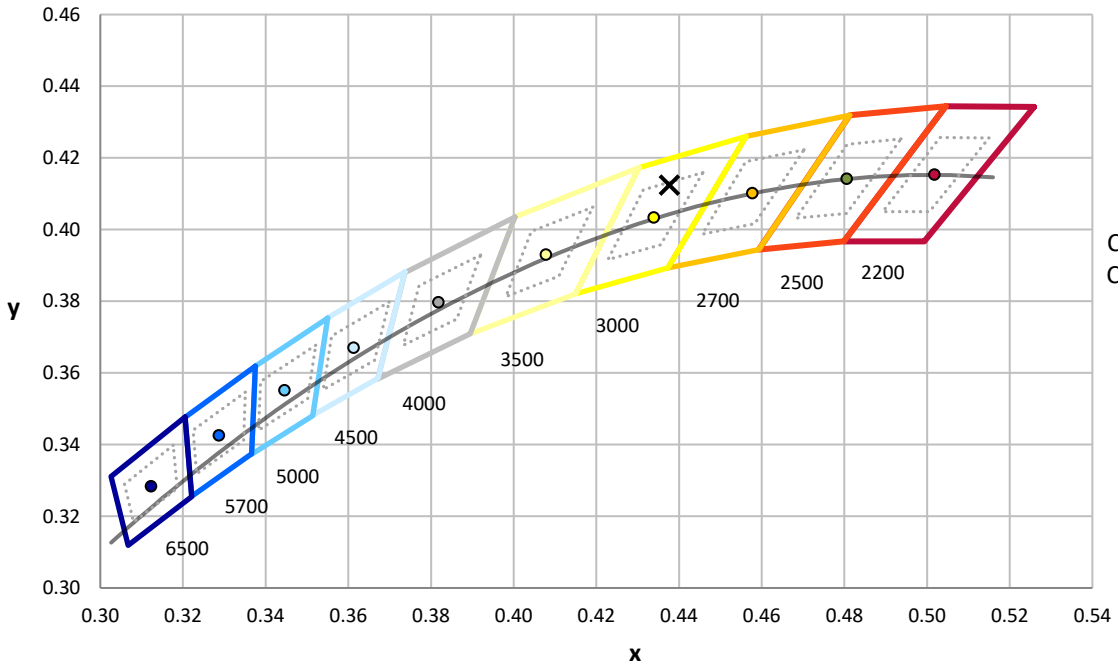
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

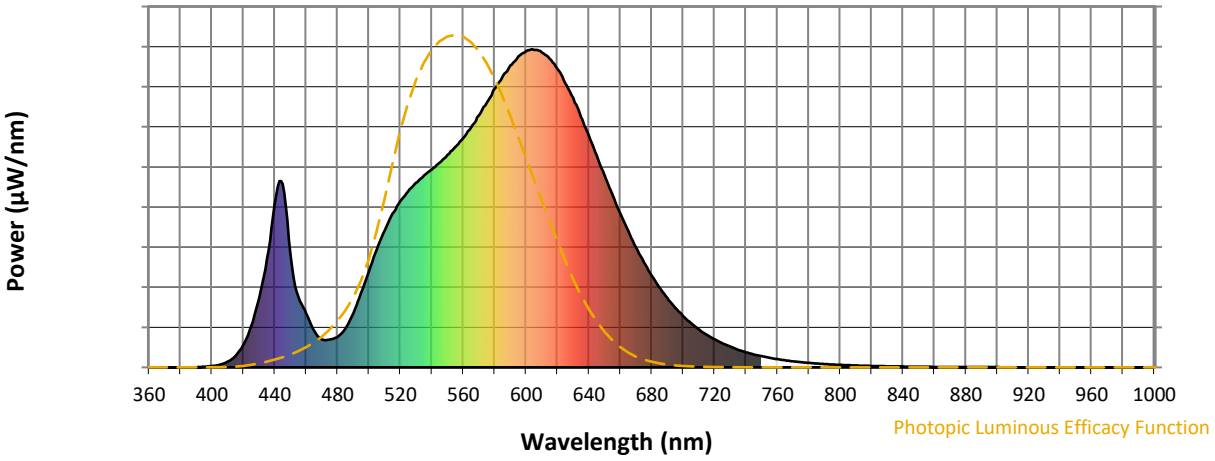


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

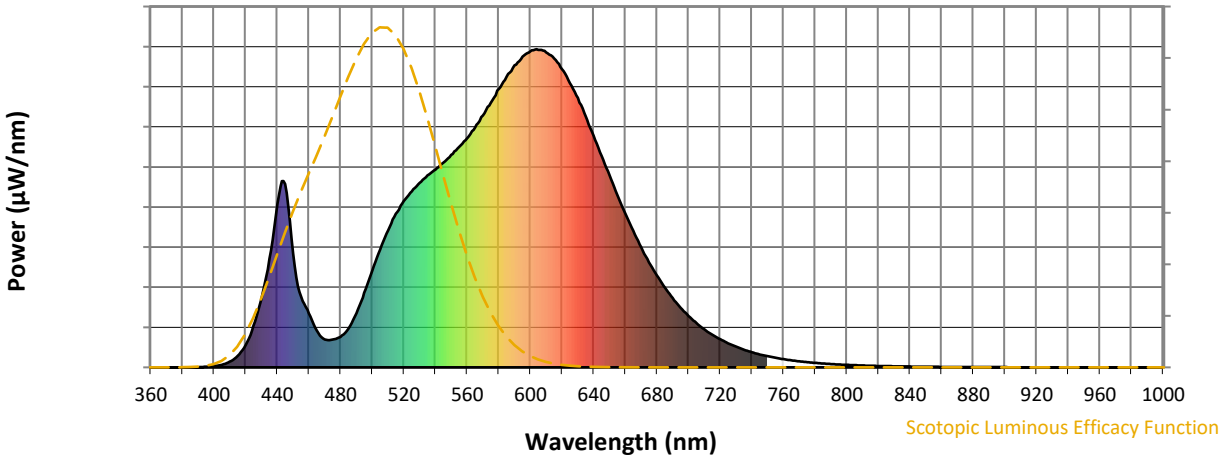


Photopic Lumens: NR

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

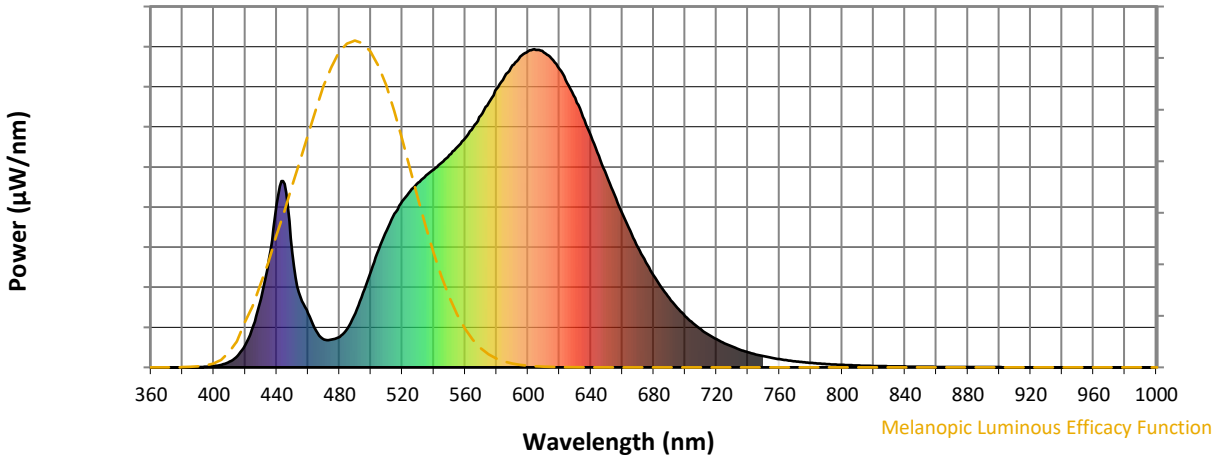


Scotopic Lumens: NR **S/P: 1.28**

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			

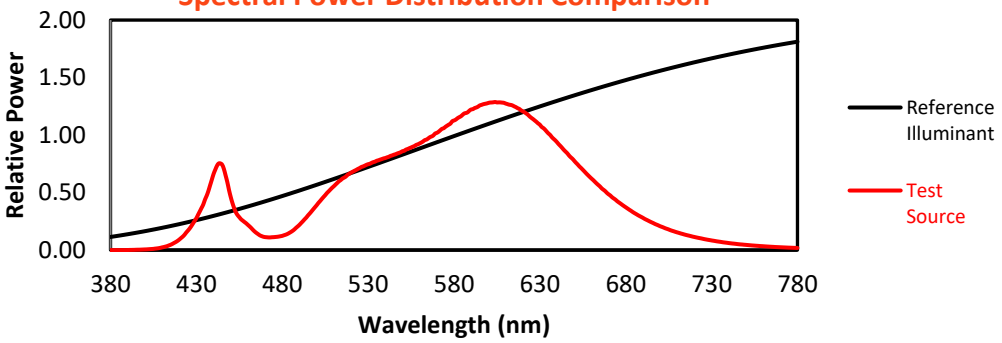
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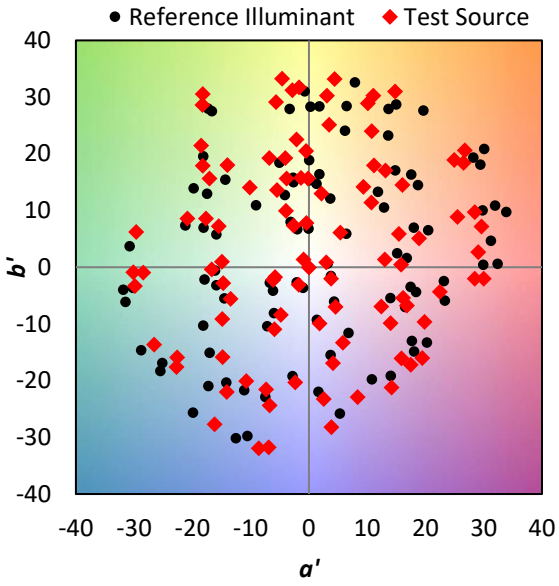
Summary

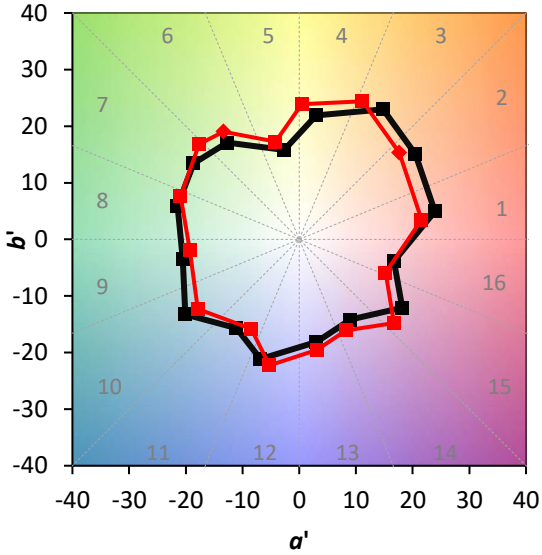
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

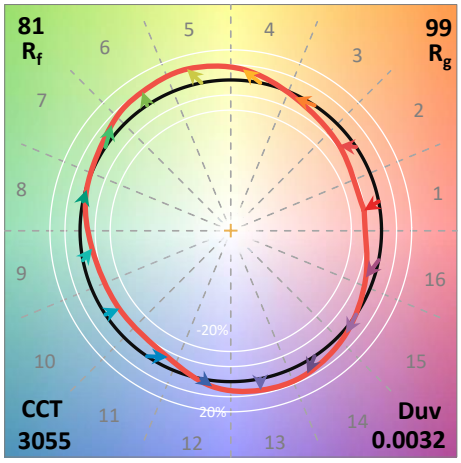
Spectral Power Distribution Comparison

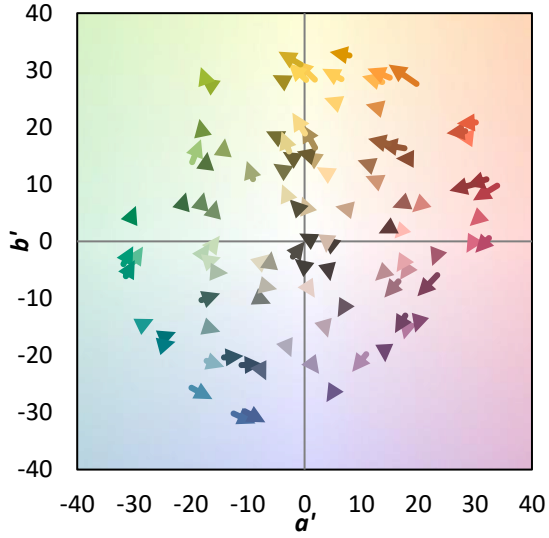


Color Vector Graphics







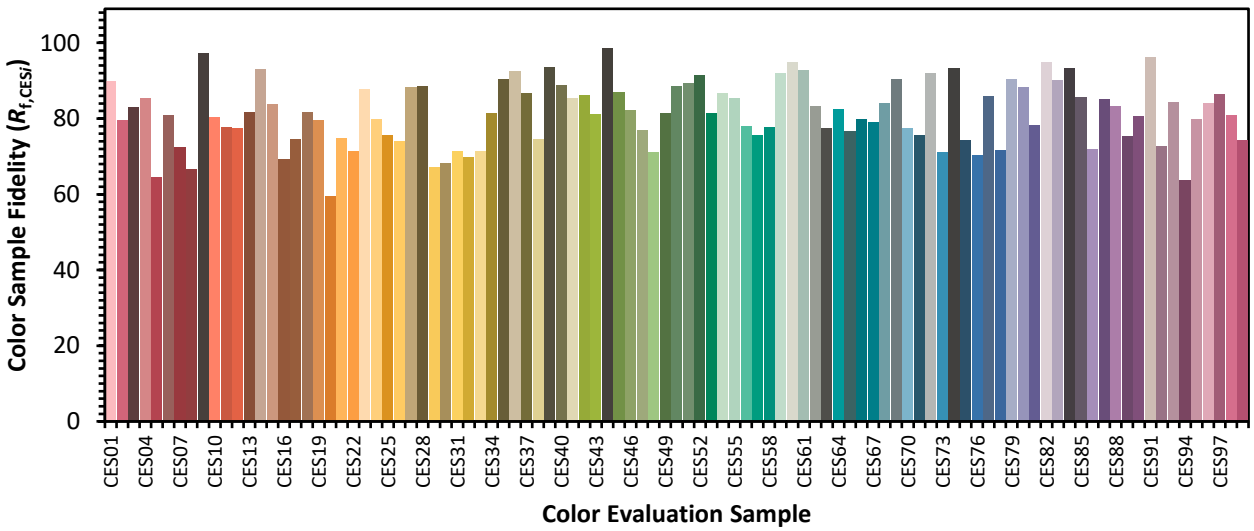


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Individual Sample Fidelity Index ($R_{f,i}$)

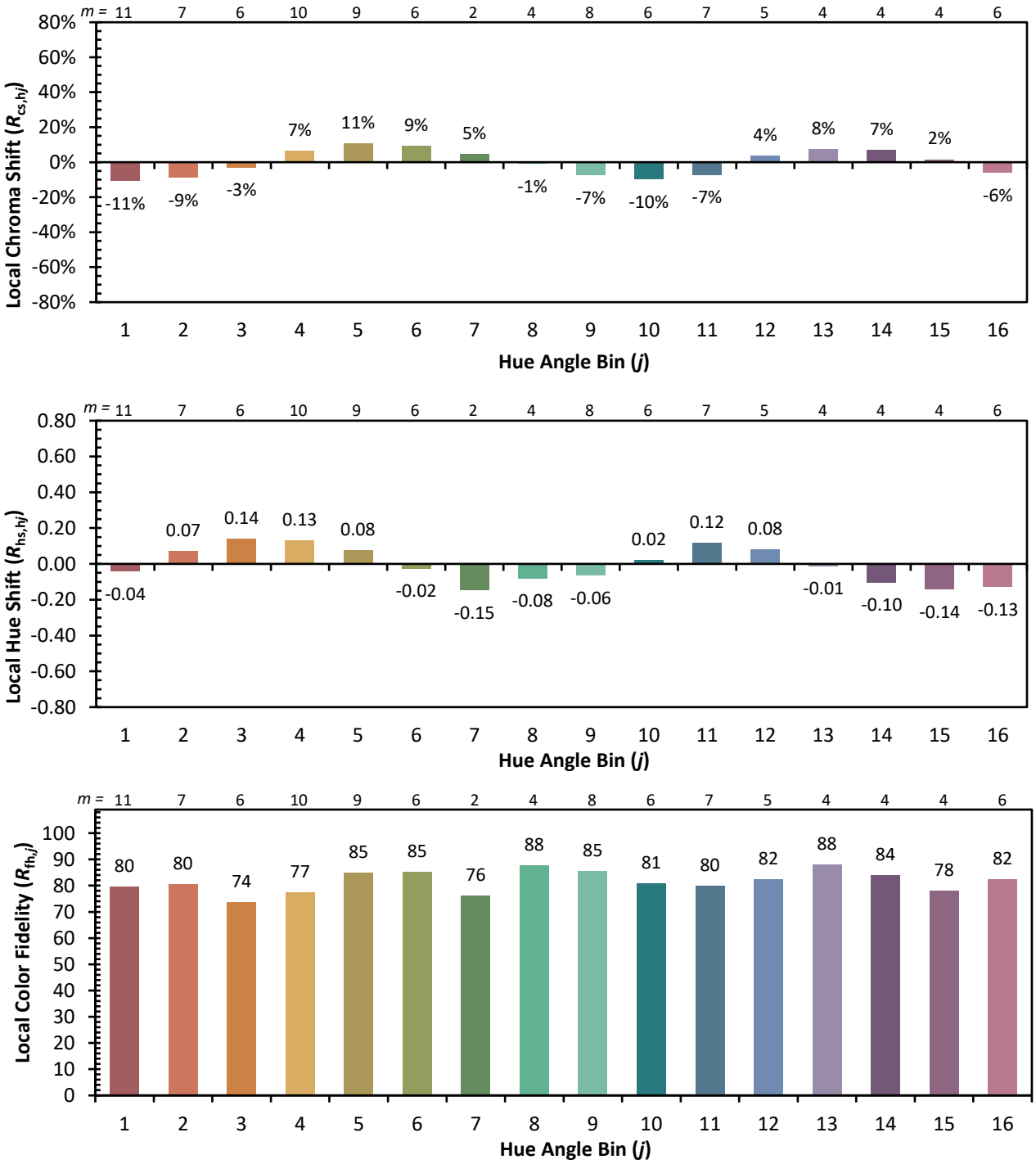
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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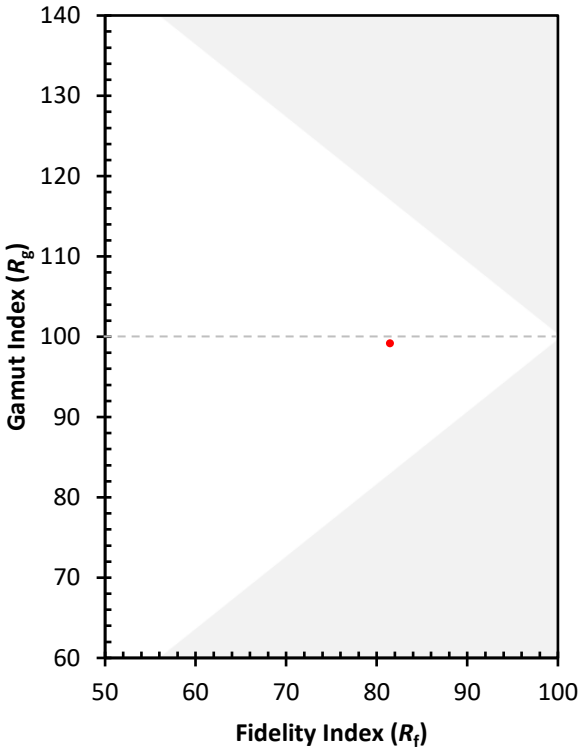
Color Rendition by Hue-Angle Bin

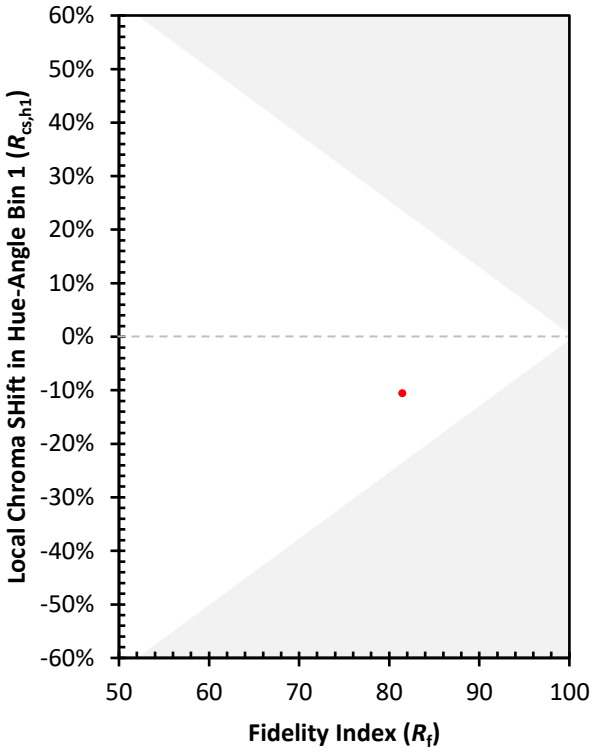


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Measure Comparisons





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