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: P1502681

Luminaire Tested: GSS-SB4A-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:	P1502681
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 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:	12610.7 lumens
Efficiency:	N/A
Efficacy:	110.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

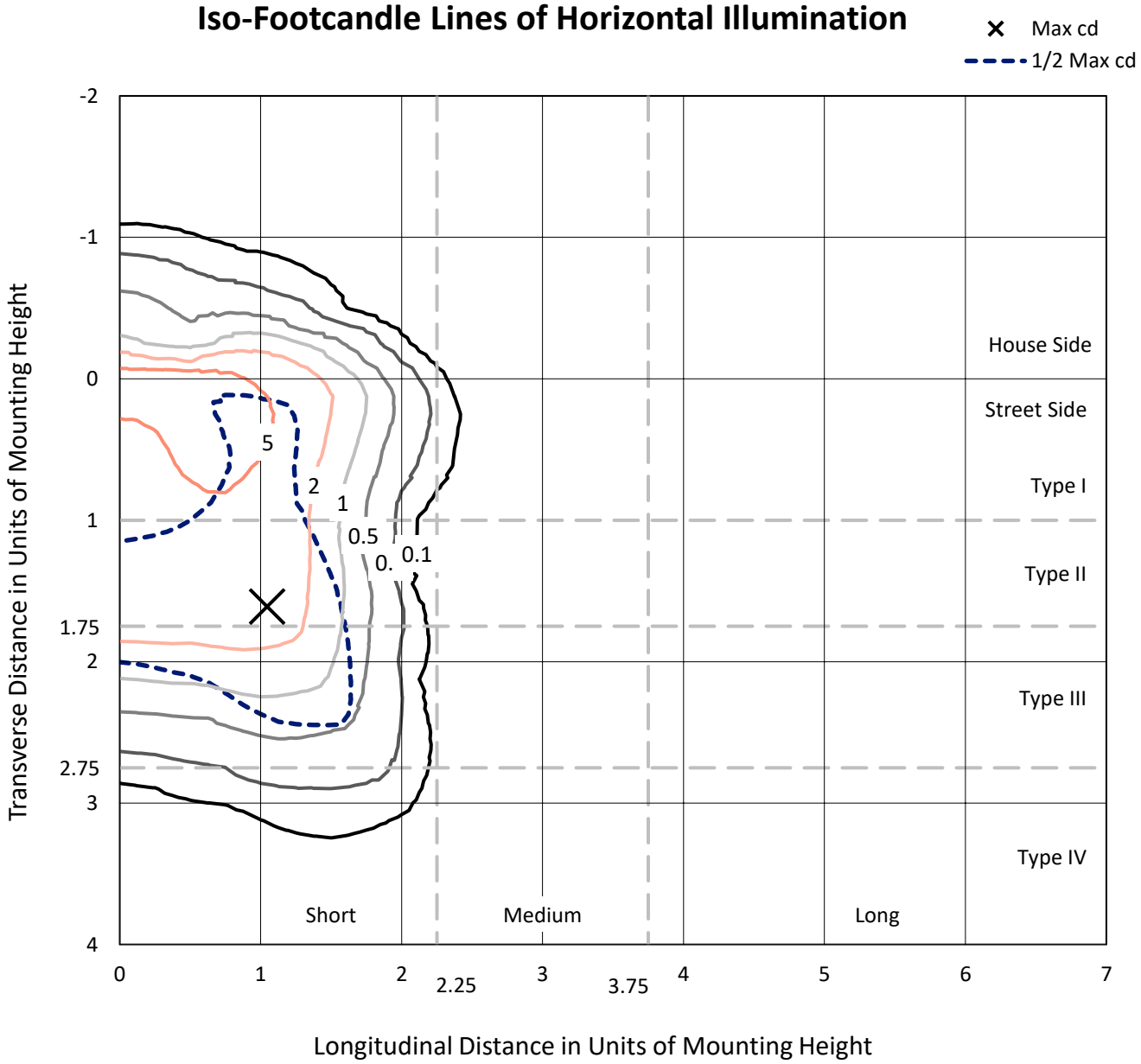
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502681
CATALOG NUMBER: GSS-SB4A-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



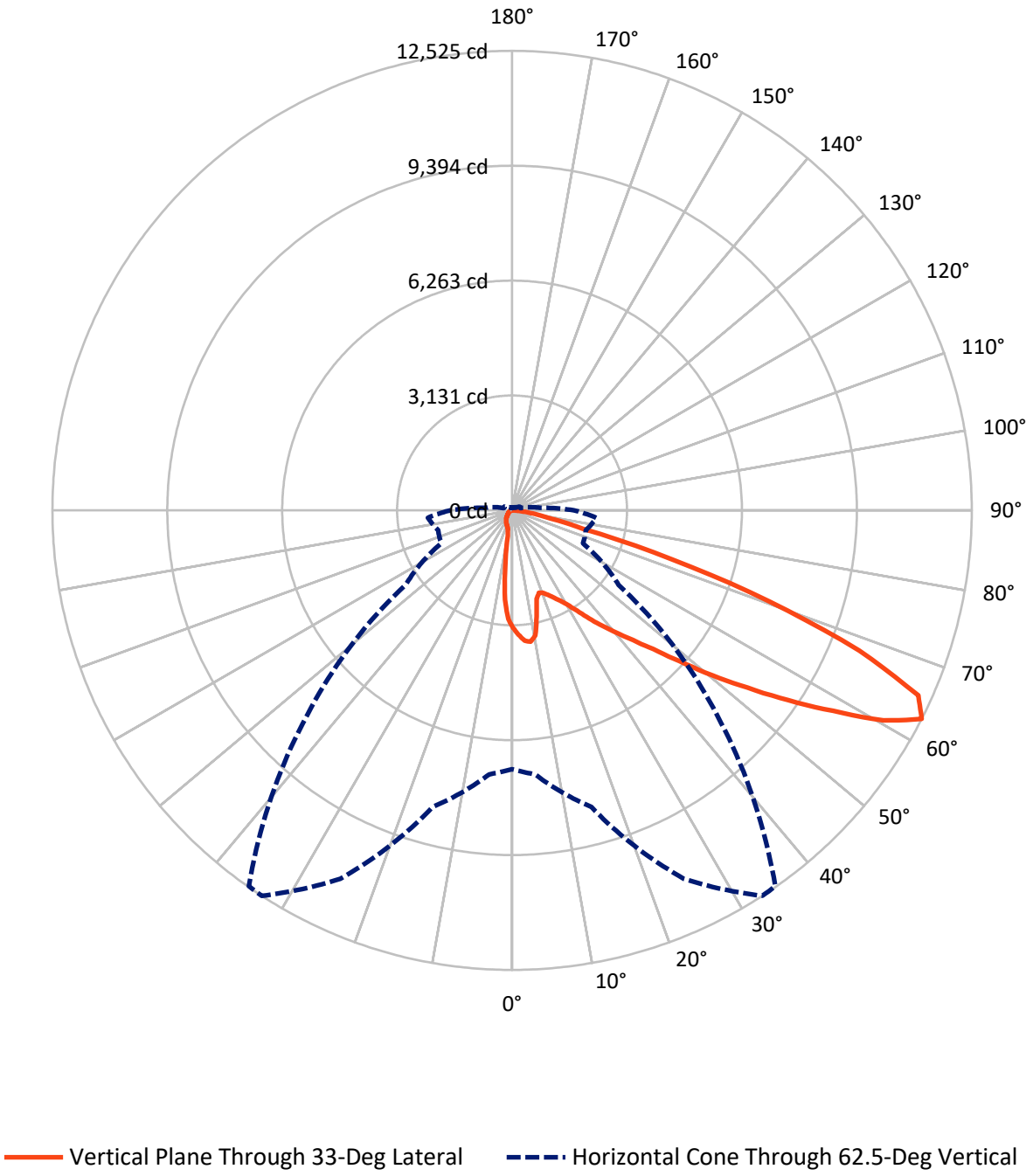
Based on 20 foot mounting height. Maximum calculated value = 9.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502681
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Luminous Intensity Polar Plot



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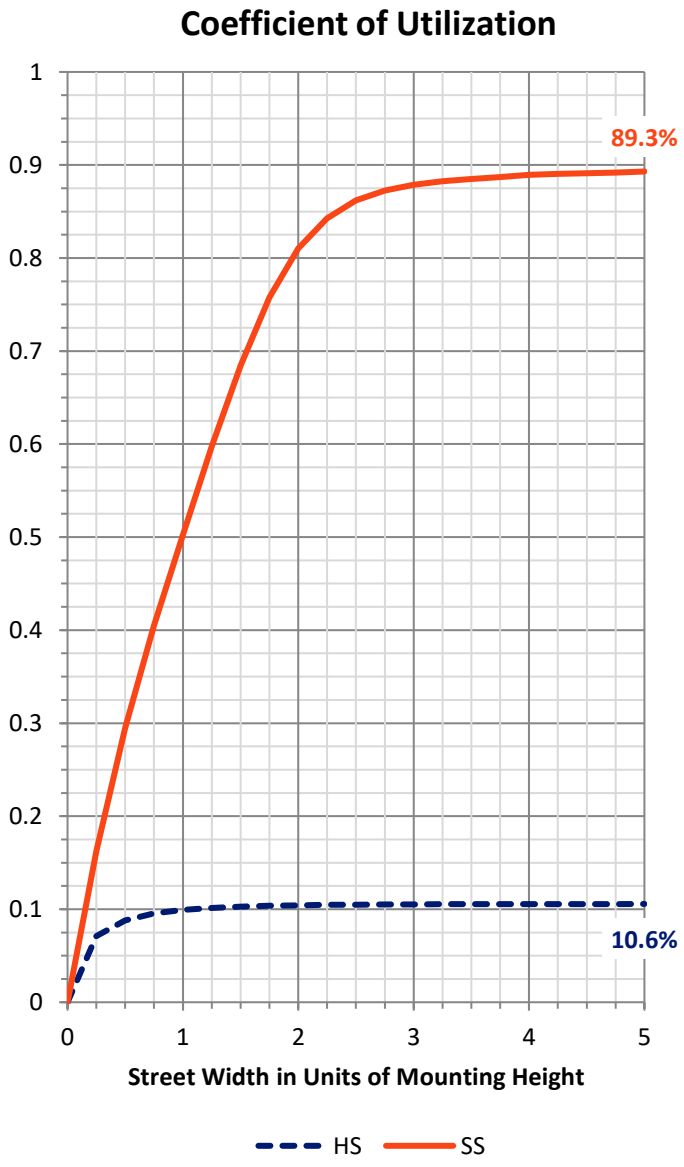
REPORT NUMBER: P1502681
CATALOG NUMBER: GSS-SB4A-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1341.9	0.0	1341.9
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	11268.8	0.0	11268.8
	% Fixture	89.4	0.0	89.4
Total	Lumens	12610.7	0.0	12610.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.3	2.2
10°-20°	607.7	4.8
20°-30°	979.5	7.8
30°-40°	1629.4	12.9
40°-50°	2575.4	20.4
50°-60°	3460.0	27.4
60°-70°	2540.0	20.1
70°-80°	502.7	4.0
80°-90°	43.7	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°	12610.7	100.0
0°-180°	12610.7	100.0



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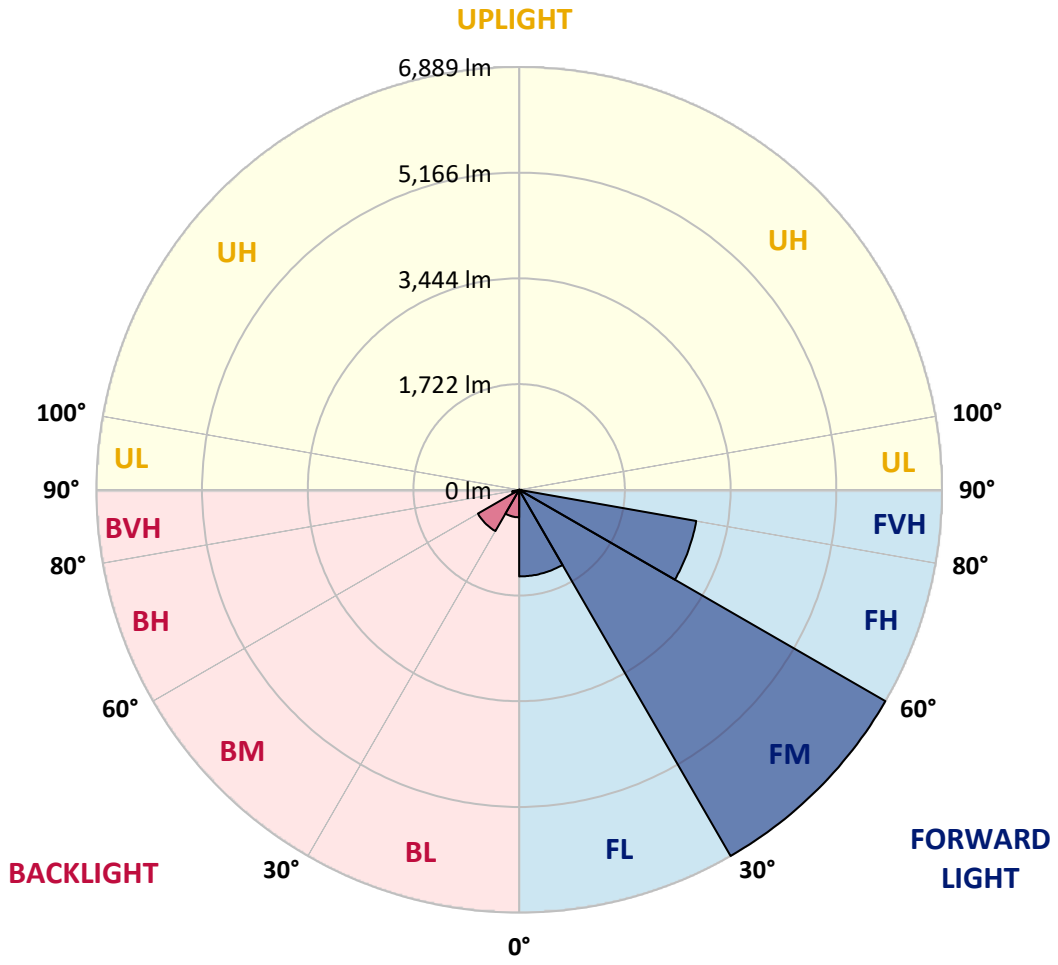
Scaled Data Report

REPORT NUMBER: P1502681
CATALOG NUMBER: GSS-SB4A-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°)	1411.8	11.2			
FM	(30°-60°)	6888.6	54.6			
FH	(60°-80°)	2928.0	23.2			G2/5000
FVH	(80°-90°)	40.4	0.3			G1/100
BL	(0°-30°)	447.7	3.6	B1/500		
BM	(30°-60°)	776.2	6.2	B1/1000		
BH	(60°-80°)	114.6	0.9	B1/500		G1/500
BVH	(80°-90°)	3.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3
2.5°	3412.8	3427.0	3427.0	3398.6	3391.5	3377.3	3363.1	3359.5	3313.4	3277.8	3242.3
5°	3586.8	3583.3	3579.7	3565.5	3569.0	3551.3	3540.6	3522.9	3444.8	3391.5	3295.6
7.5°	3512.2	3544.2	3558.4	3597.5	3615.2	3611.7	3640.1	3647.2	3579.7	3505.1	3359.5
10°	3025.7	3007.9	3135.8	3302.7	3469.6	3508.7	3661.4	3743.1	3718.2	3650.7	3462.5
12.5°	2397.1	2414.9	2503.7	2699.0	2972.4	3057.7	3498.0	3821.2	3892.2	3849.6	3604.6
15°	2194.7	2194.7	2240.9	2333.2	2496.6	2578.2	3121.6	3810.5	4076.9	4080.4	3782.1
17.5°	2152.1	2159.2	2198.2	2258.6	2365.2	2400.7	2780.7	3654.3	4258.0	4321.9	3981.0
20°	2159.2	2169.8	2212.5	2297.7	2400.7	2443.3	2691.9	3455.4	4410.7	4584.7	4190.5
22.5°	2184.0	2180.5	2255.1	2368.7	2500.1	2539.2	2766.5	3373.7	4538.5	4886.6	4435.6
25°	2212.5	2216.0	2311.9	2471.7	2631.5	2677.7	2933.4	3448.3	4630.9	5209.7	4684.2
27.5°	2297.7	2308.3	2425.5	2599.5	2787.8	2848.1	3150.0	3643.6	4790.7	5522.3	4954.0
30°	2429.1	2439.7	2574.7	2784.2	2986.6	3079.0	3419.9	3888.7	5028.6	5884.5	5231.0
32.5°	2581.8	2596.0	2770.0	3011.5	3256.5	3345.3	3728.9	4261.5	5344.7	6253.8	5518.7
35°	2773.6	2812.6	3000.8	3288.5	3618.8	3704.0	4108.8	4684.2	5756.6	6584.1	5763.7
37.5°	3036.4	3068.3	3299.1	3657.8	3991.6	4105.3	4535.0	5128.1	6129.5	6878.8	5962.6
40°	3356.0	3384.4	3643.6	4034.3	4382.3	4478.2	4982.5	5575.5	6530.8	7042.2	6005.2
42.5°	3888.7	3966.8	4130.2	4460.4	4833.3	4954.0	5479.6	6008.8	6822.0	7074.2	5937.8
45°	4819.1	4844.0	4879.5	5035.7	5394.4	5500.9	6005.2	6385.2	6996.0	7081.3	5877.4
47.5°	5710.5	5795.7	5845.4	5916.4	6133.1	6172.1	6555.7	6722.6	7134.5	7056.4	5877.4
50°	6601.8	6665.8	6751.0	6836.2	7067.1	7081.3	7138.1	6949.9	7141.6	6854.0	5841.9
52.5°	7411.5	7432.8	7578.5	7741.8	8029.5	8107.6	7677.9	7116.8	6711.9	6214.8	5675.0
55°	8136.0	8164.4	8384.6	8718.4	9130.4	9233.4	8338.4	6793.6	5792.2	5387.3	5287.9
57.5°	8604.8	8672.2	9112.6	9847.7	10312.9	10266.8	8849.8	6037.2	4652.2	4407.2	4602.5
60°	8370.4	8462.7	9389.6	10795.9	11623.4	11488.4	8707.8	4968.3	3437.6	3260.1	3643.6
62.5°	7052.9	7223.3	8370.4	11076.5	12525.4	12504.1	7905.2	3544.2	2130.8	2084.6	2301.2
65°	4904.3	5199.1	6559.2	10138.9	12163.2	12195.1	6655.1	2063.3	987.3	1225.2	1345.9
67.5°	2890.7	3100.3	4226.0	8278.1	10206.4	9911.6	4524.3	955.3	493.6	745.8	713.8
70°	1271.4	1413.4	2422.0	5735.3	7436.4	6960.5	2208.9	465.2	376.4	451.0	394.2
72.5°	699.6	763.5	1274.9	3029.3	4524.3	4300.6	745.8	309.0	323.2	337.4	284.1
75°	390.6	419.1	671.2	1750.8	1988.7	1850.2	362.2	202.4	273.4	273.4	209.5
77.5°	227.3	252.1	419.1	1090.2	1090.2	880.7	220.2	127.8	206.0	184.7	113.6
80°	106.5	120.7	230.8	603.7	689.0	568.2	124.3	88.8	134.9	117.2	74.6
82.5°	32.0	39.1	113.6	234.4	390.6	333.8	63.9	56.8	99.4	74.6	42.6
85°	21.3	24.9	56.8	95.9	191.8	166.9	21.3	17.8	42.6	35.5	17.8
87.5°	3.6	3.6	7.1	7.1	7.1	7.1	3.6	3.6	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: P1502681
CATALOG NUMBER: GSS-SB4A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3	3203.3
2.5°	3221.0	3196.2	3139.3	3086.1	3057.7	2993.7	2968.9	2940.5	2926.3	2922.7	2901.4
5°	3235.2	3189.1	3047.0	2905.0	2755.8	2613.7	2468.1	2340.3	2237.3	2240.9	2244.4
7.5°	3277.8	3185.5	2936.9	2652.8	2333.2	1963.9	1569.7	1274.9	1086.7	1047.6	1012.1
10°	3334.7	3199.7	2802.0	2276.4	1647.8	1037.0	731.6	625.0	578.9	568.2	571.8
12.5°	3441.2	3235.2	2631.5	1757.9	912.7	596.6	529.1	511.4	504.3	504.3	504.3
15°	3572.6	3284.9	2365.2	1150.6	596.6	497.2	483.0	479.4	472.3	472.3	475.9
17.5°	3682.7	3284.9	2013.6	749.3	490.1	461.7	451.0	447.5	447.5	451.0	447.5
20°	3803.4	3260.1	1619.4	564.7	454.6	429.7	422.6	422.6	422.6	426.2	426.2
22.5°	3927.7	3217.5	1253.6	483.0	422.6	401.3	397.7	401.3	404.8	408.4	408.4
25°	4066.2	3164.2	990.8	447.5	394.2	376.4	376.4	376.4	380.0	387.1	390.6
27.5°	4218.9	3118.0	848.8	426.2	369.3	351.6	351.6	355.1	362.2	365.8	369.3
30°	4361.0	3118.0	802.6	436.8	358.7	337.4	330.3	333.8	340.9	348.0	348.0
32.5°	4538.5	3153.5	827.5	483.0	355.1	316.1	309.0	309.0	316.1	319.6	319.6
35°	4687.7	3221.0	912.7	546.9	369.3	298.3	284.1	280.6	287.7	284.1	287.7
37.5°	4808.4	3313.4	1068.9	632.1	397.7	277.0	259.2	248.6	248.6	248.6	248.6
40°	4844.0	3405.7	1267.8	689.0	394.2	252.1	227.3	216.6	213.1	209.5	209.5
42.5°	4794.2	3448.3	1427.6	685.4	351.6	234.4	202.4	188.2	177.6	174.0	174.0
45°	4755.2	3469.6	1484.4	596.6	319.6	213.1	181.1	163.4	152.7	149.2	145.6
47.5°	4758.7	3490.9	1399.2	486.5	291.2	195.3	163.4	145.6	134.9	131.4	127.8
50°	4772.9	3455.4	1186.1	404.8	266.3	177.6	145.6	131.4	120.7	117.2	113.6
52.5°	4623.8	3267.2	834.6	355.1	245.0	166.9	131.4	120.7	110.1	106.5	106.5
55°	4233.1	2816.2	564.7	316.1	227.3	152.7	120.7	113.6	103.0	95.9	95.9
57.5°	3608.1	2123.7	390.6	287.7	198.9	138.5	113.6	103.0	92.3	85.2	85.2
60°	2759.4	1385.0	284.1	262.8	163.4	127.8	106.5	99.4	85.2	78.1	74.6
62.5°	*1679.8*	*777.7*	*230.8*	*230.8*	*138.5*	*120.7*	*95.9*	*88.8*	*74.6*	*63.9*	*60.4*
65°	973.1	458.1	188.2	195.3	120.7	110.1	85.2	74.6	60.4	49.7	46.2
67.5°	468.8	266.3	149.2	138.5	106.5	92.3	74.6	63.9	53.3	42.6	39.1
70°	287.7	206.0	113.6	99.4	85.2	71.0	60.4	56.8	46.2	35.5	35.5
72.5°	234.4	166.9	88.8	71.0	63.9	49.7	49.7	46.2	35.5	28.4	24.9
75°	184.7	124.3	67.5	49.7	39.1	39.1	35.5	32.0	28.4	21.3	21.3
77.5°	99.4	85.2	49.7	28.4	21.3	24.9	24.9	21.3	17.8	14.2	14.2
80°	63.9	49.7	28.4	14.2	14.2	14.2	14.2	10.7	10.7	7.1	7.1
82.5°	32.0	24.9	14.2	3.6	7.1	7.1	7.1	7.1	7.1	3.6	3.6
85°	7.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	0.0	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6
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

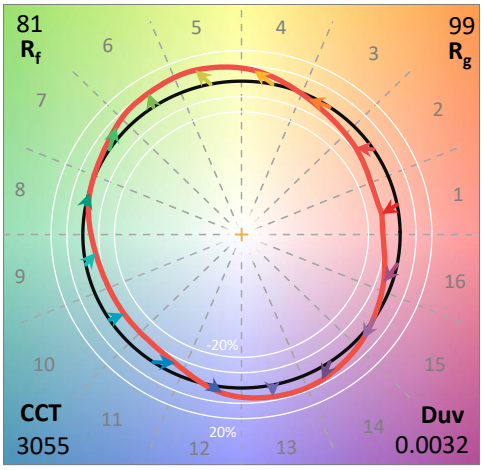
Test Information

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

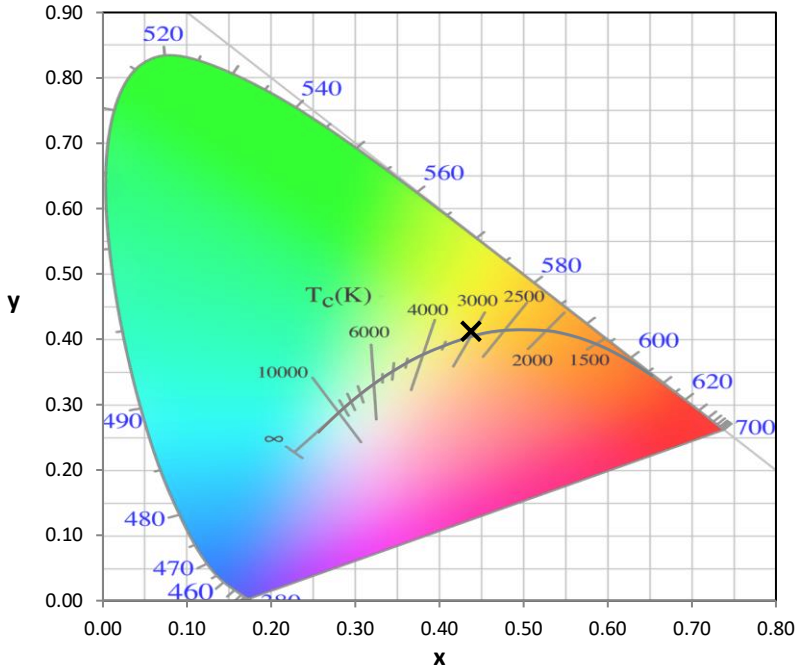
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

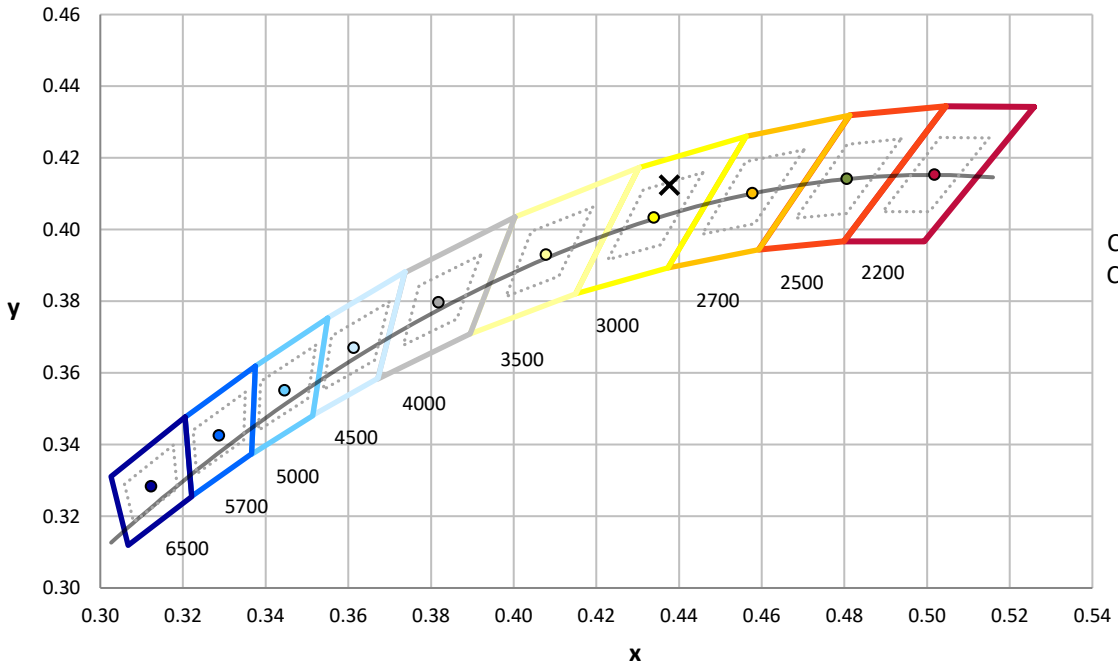
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

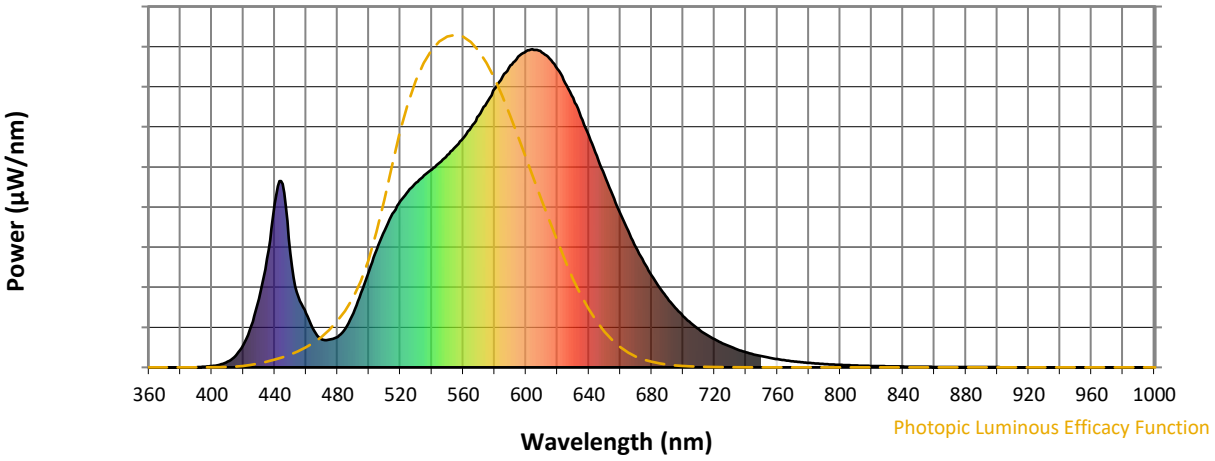


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

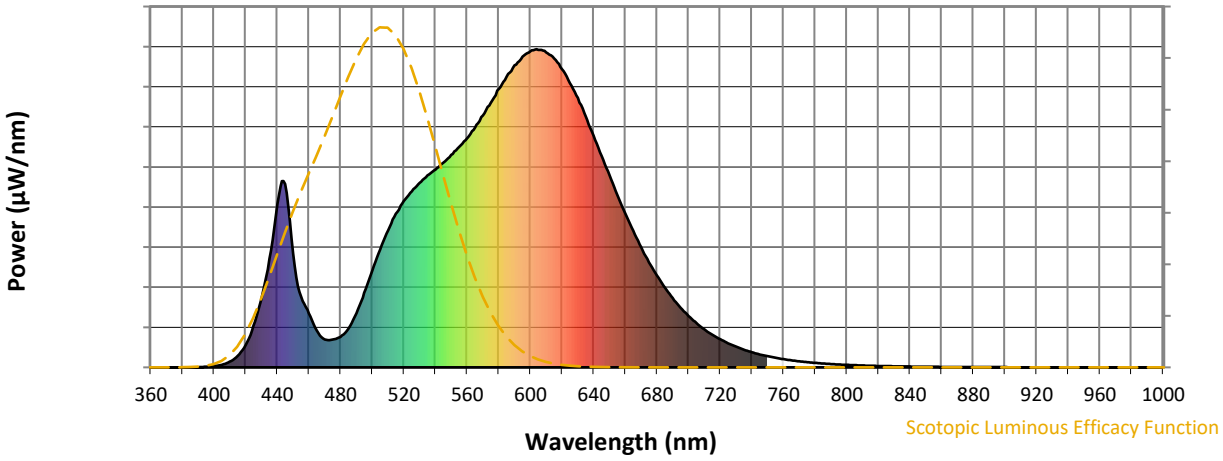


Photopic Lumens: NR

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

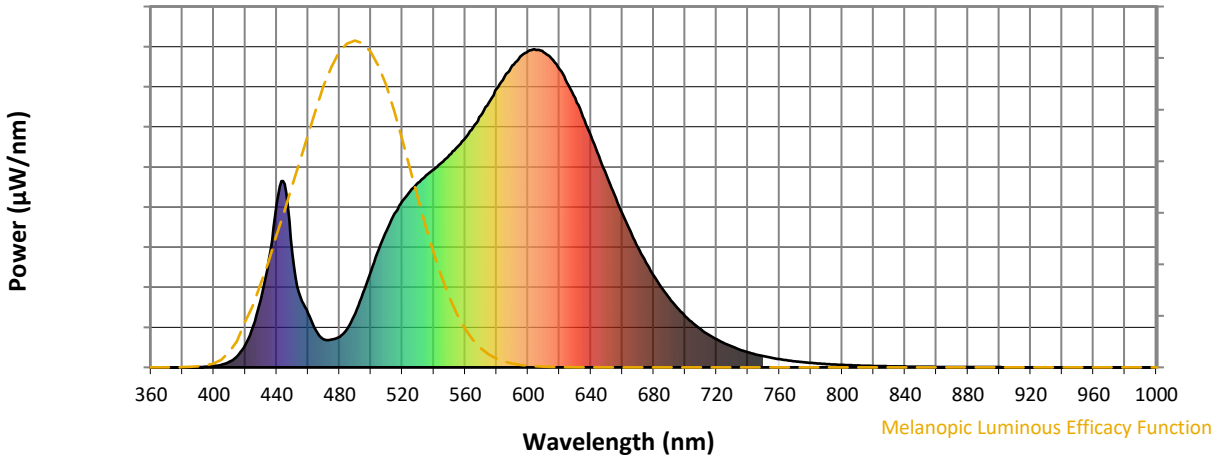


Scotopic Lumens: NR **S/P: 1.28**

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			

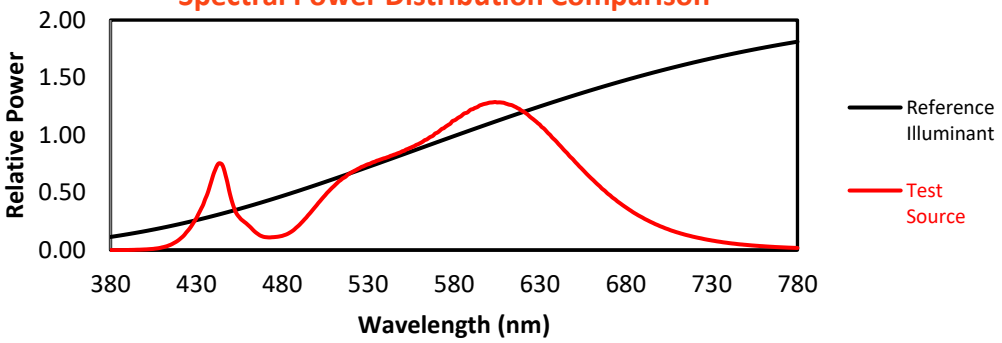
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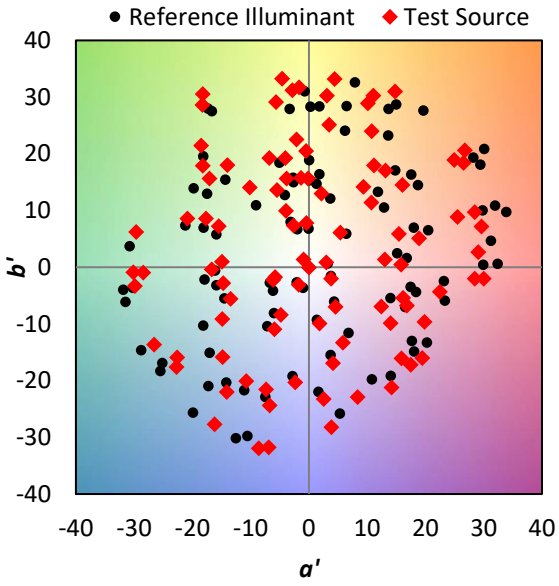
Summary

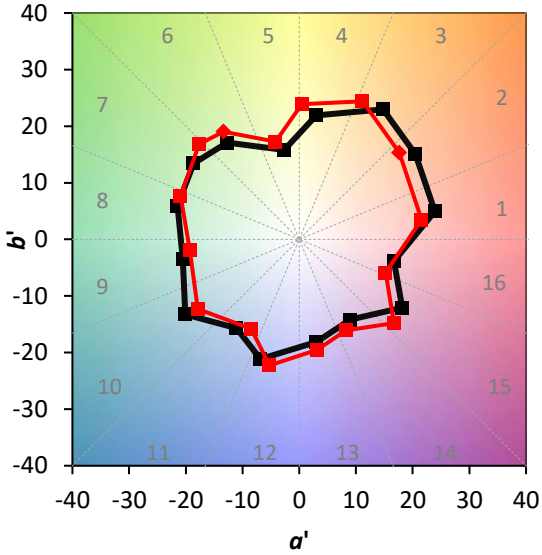
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

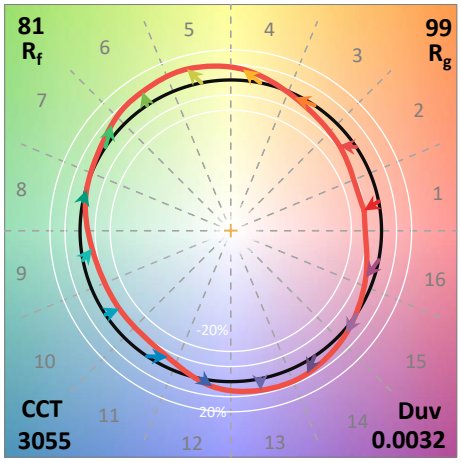
Spectral Power Distribution Comparison

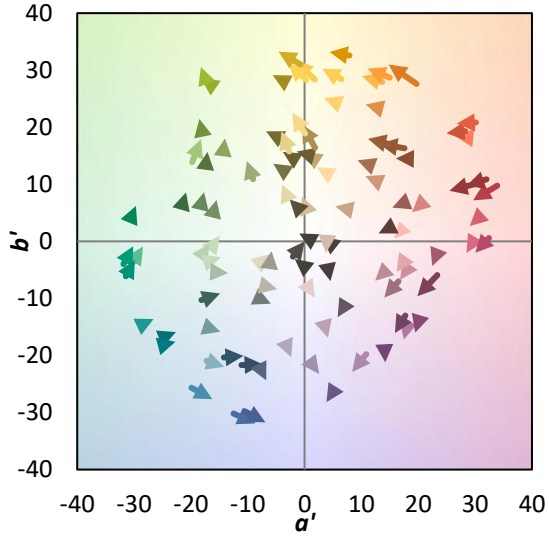


Color Vector Graphics







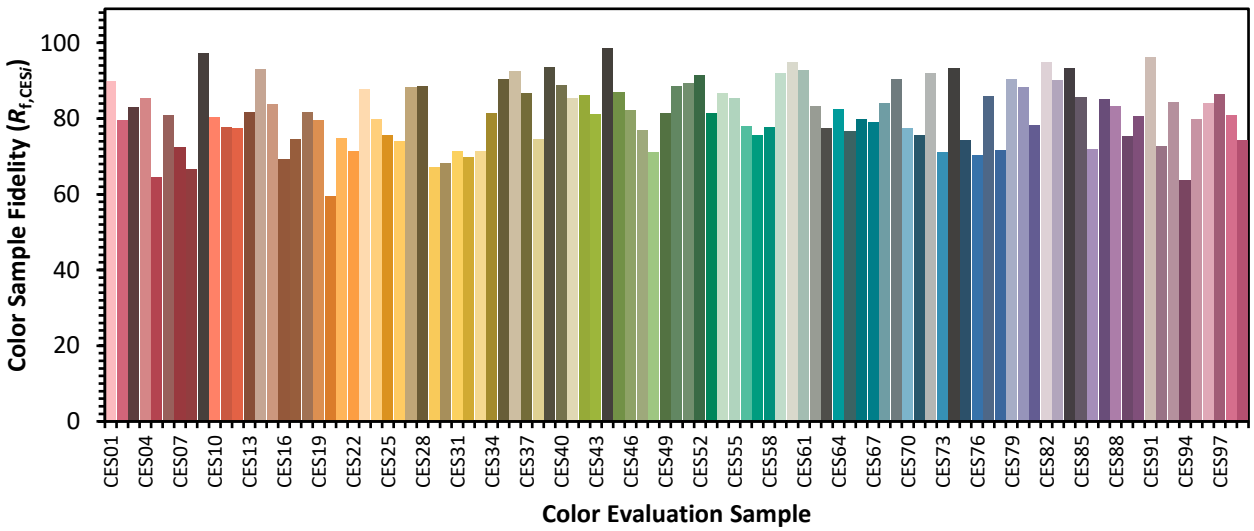


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Individual Sample Fidelity Index ($R_{f,i}$)

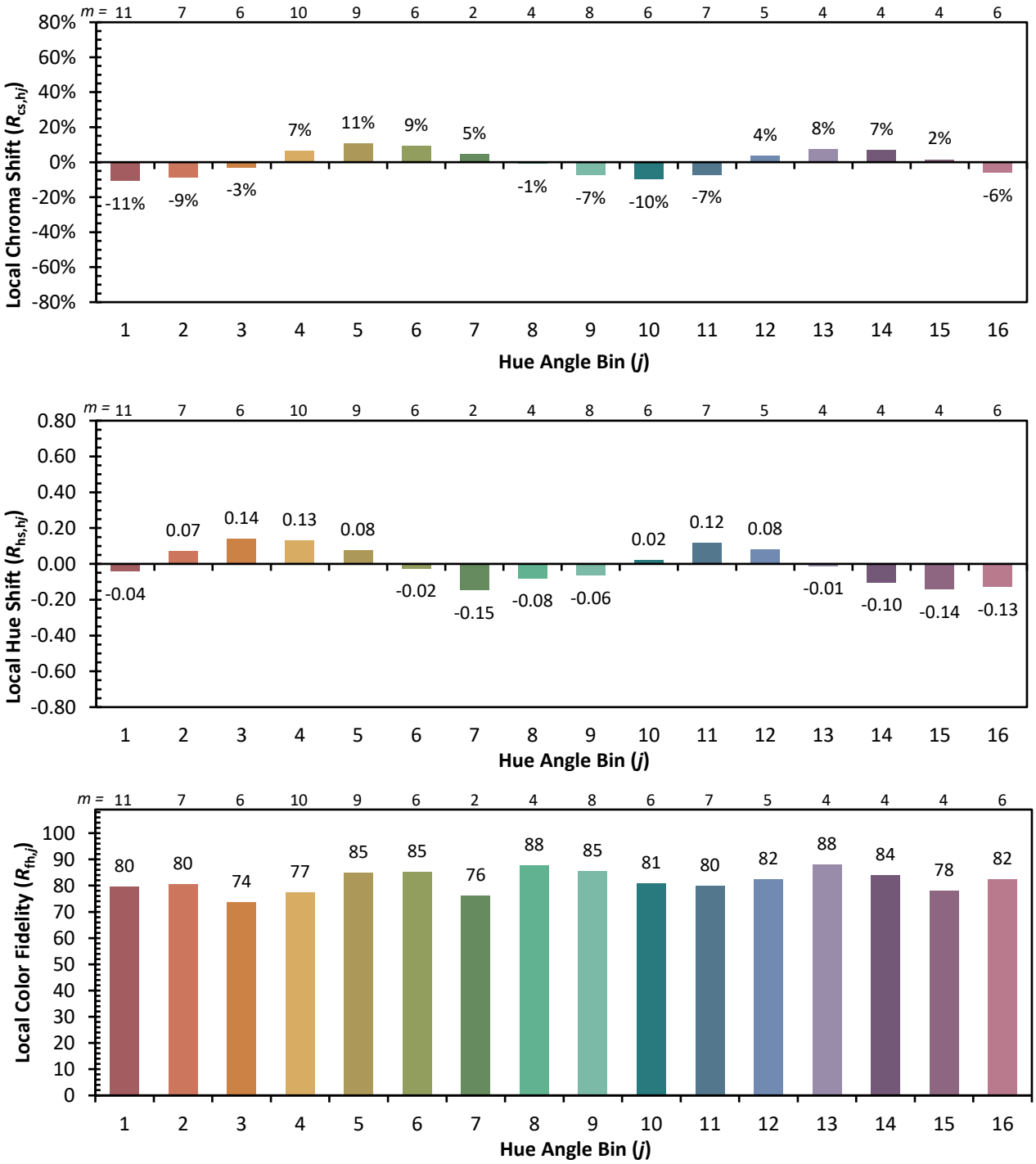
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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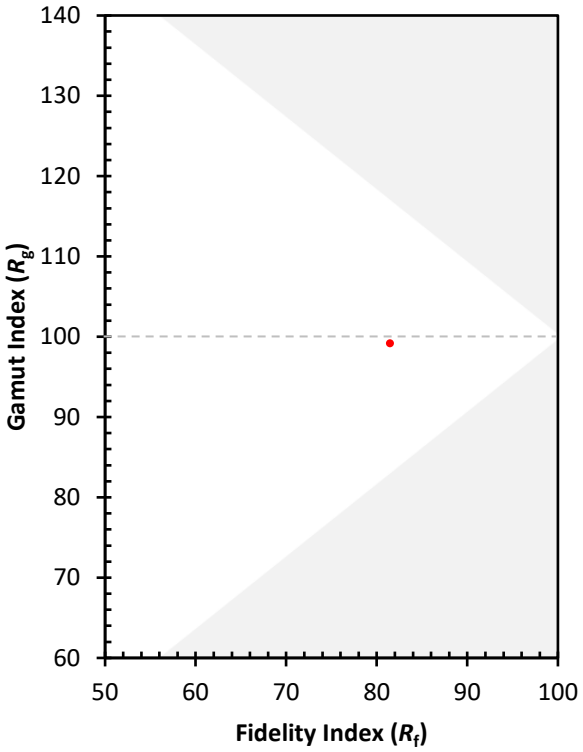
Color Rendition by Hue-Angle Bin

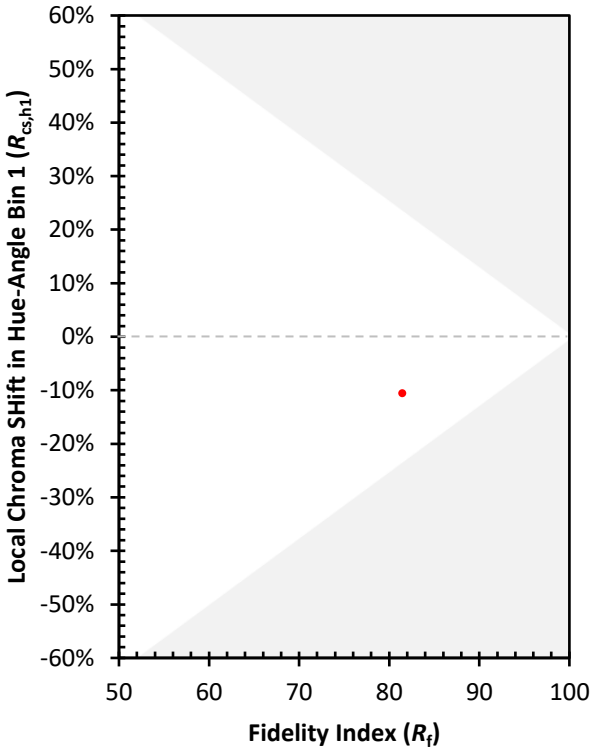


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Measure Comparisons





(END OF REPORT)