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: P1500785

Luminaire Tested: GSS-SB4A-835-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:	P1500785
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16200.2 lumens
Efficiency:	N/A
Efficacy:	142.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

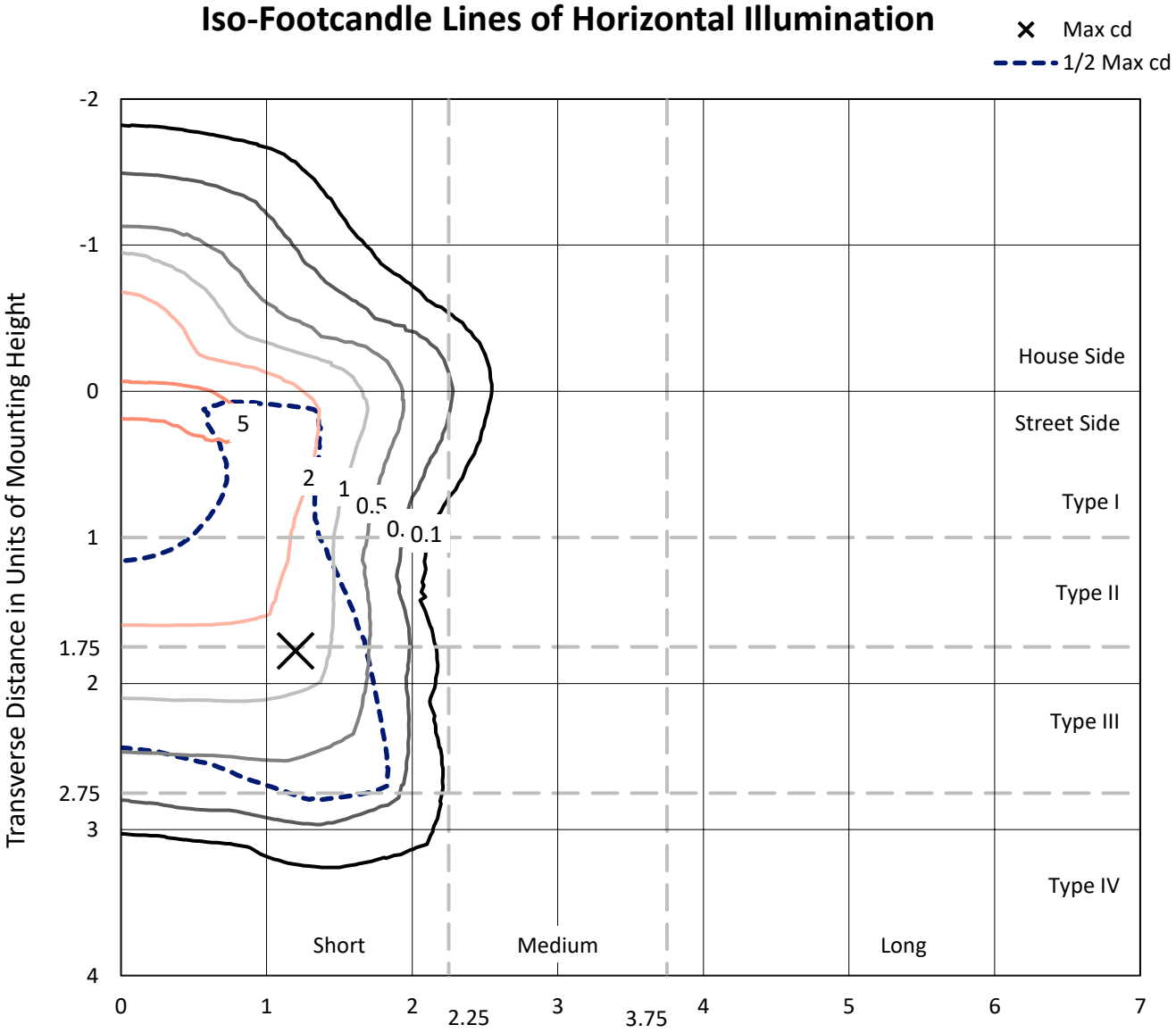
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500785
CATALOG NUMBER: GSS-SB4A-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



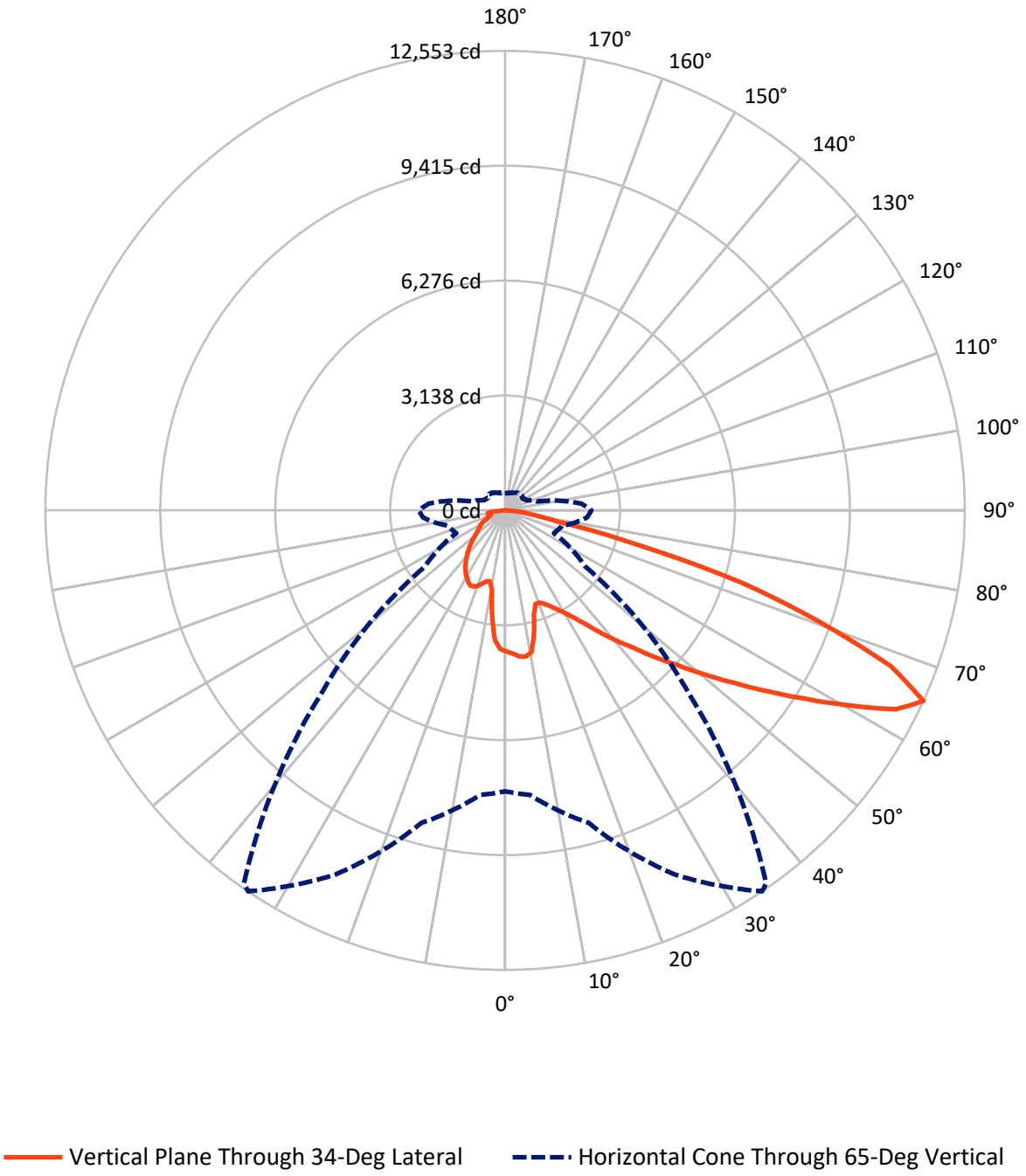
Based on 25 foot mounting height. Maximum calculated value = 6.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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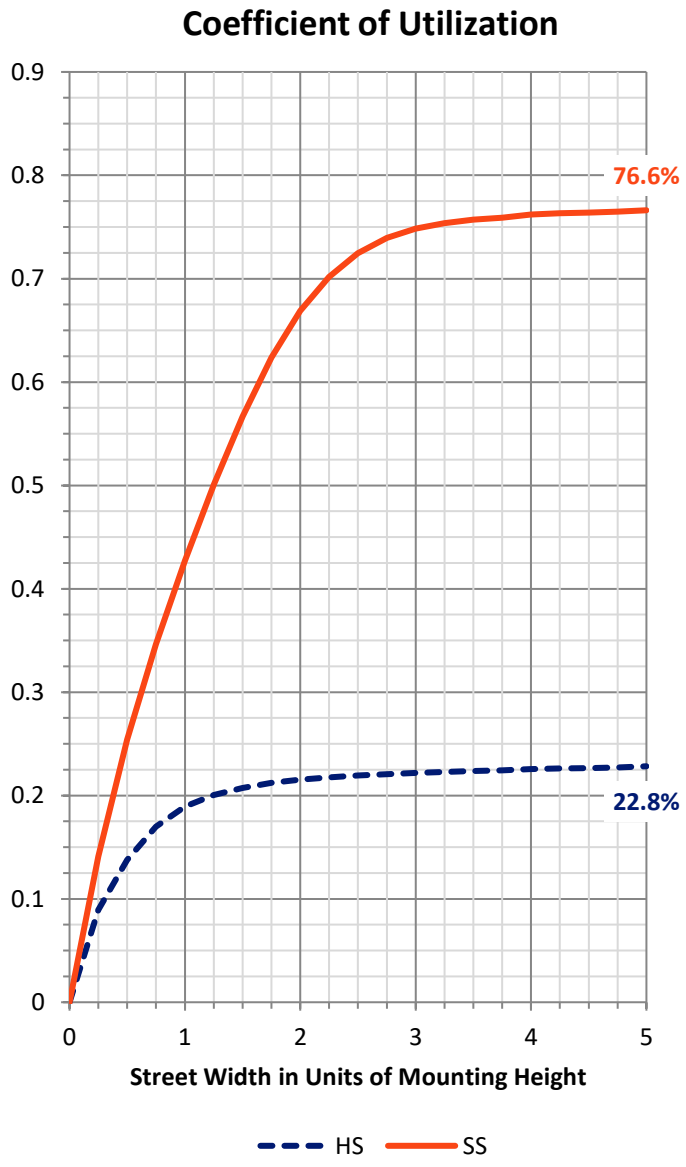
REPORT NUMBER: P1500785
CATALOG NUMBER: GSS-SB4A-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3769.1	0.0	3769.1
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	12431.2	0.0	12431.2
	% Fixture	76.7	0.0	76.7
Total	Lumens	16200.2	0.0	16200.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	347.2	2.1
10°-20°	873.9	5.4
20°-30°	1448.7	8.9
30°-40°	2178.7	13.4
40°-50°	3052.3	18.8
50°-60°	3848.4	23.8
60°-70°	3310.0	20.4
70°-80°	984.1	6.1
80°-90°	157.0	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°	16200.2	100.0
0°-180°	16200.2	100.0



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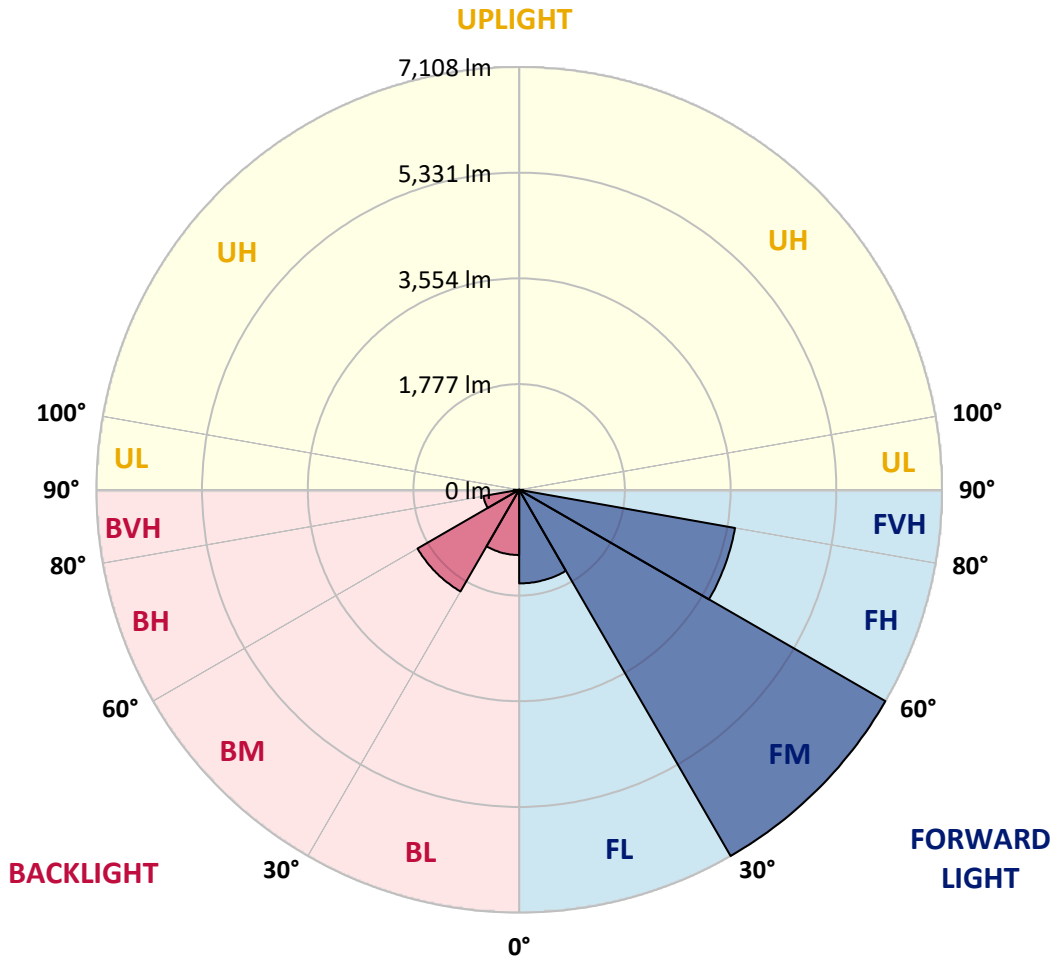
Scaled Data Report

REPORT NUMBER: P1500785
CATALOG NUMBER: GSS-SB4A-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1573.2	9.7			
FM	(30°-60°)	7107.5	43.9			
FH	(60°-80°)	3684.0	22.7			G2/5000
FVH	(80°-90°)	66.4	0.4			G1/100
BL	(0°-30°)	1096.6	6.8	B3/2500		
BM	(30°-60°)	1971.9	12.2	B2/2500		
BH	(60°-80°)	610.0	3.8	B2/1000		G2/1000
BVH	(80°-90°)	90.6	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°	3851.7	3851.7	3851.7	3851.7	*3851.7*	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7
2.5°	3925.0	3947.0	3921.4	3910.4	*3914.0*	3917.7	3899.4	3903.0	3881.0	3881.0	3862.7
5°	4009.4	4013.1	3998.4	4009.4	*4005.7*	4002.1	4002.1	3998.4	3950.7	3939.7	3921.4
7.5°	3961.7	3976.4	3983.7	4024.1	*4035.1*	4057.1	4071.8	4079.1	4042.4	4013.1	3965.4
10°	3525.2	3536.2	3620.6	3804.0	*3943.4*	3969.1	4104.8	4181.8	4156.1	4141.5	4060.8
12.5°	2817.2	2835.6	2930.9	3169.4	*3495.9*	3565.5	3998.4	4258.9	4317.5	4321.2	4203.8
15°	2512.8	2512.8	2542.1	2677.8	*2941.9*	2997.0	3635.2	4280.9	4490.0	4515.6	4372.6
17.5°	2450.4	2446.7	2465.1	2545.8	*2685.2*	2718.2	3217.1	4167.1	4695.4	4739.4	4556.0
20°	2446.7	2435.7	2472.4	2564.1	*2685.2*	2714.5	3022.6	3969.1	4856.8	4996.2	4739.4
22.5°	2450.4	2450.4	2501.8	2633.8	*2773.2*	2798.9	3059.3	3804.0	4988.8	5264.0	4933.8
25°	2490.7	2483.4	2556.8	2718.2	*2908.9*	2927.3	3209.7	3796.7	5102.6	5564.8	5168.6
27.5°	2556.8	2560.4	2659.5	2853.9	*3070.3*	3107.0	3418.8	3954.4	5241.9	5894.9	5396.0
30°	2696.2	2699.8	2817.2	3015.3	*3264.8*	3312.4	3660.9	4189.2	5440.0	6250.7	5641.8
32.5°	2853.9	2872.2	3015.3	3246.4	*3514.2*	3539.9	3958.1	4541.3	5737.2	6606.5	5905.9
35°	3118.0	3136.4	3297.8	3539.9	*3837.0*	3873.7	4321.2	4948.5	6100.3	6966.0	6111.3
37.5°	3459.2	3473.8	3631.6	3925.0	*4240.5*	4277.2	4724.7	5381.3	6467.1	7252.2	6294.7
40°	3866.3	3899.4	4068.1	4354.2	*4673.4*	4695.4	5164.9	5799.5	6863.3	7450.2	6368.1
42.5°	4310.2	4343.2	4515.6	4831.1	*5124.6*	5190.6	5641.8	6243.4	7186.1	7538.3	6309.4
45°	4878.8	4871.5	5032.9	5363.0	*5707.8*	5733.5	6151.7	6610.2	7380.5	7464.9	6250.7
47.5°	5568.4	5575.8	5678.5	5946.3	*6302.1*	6360.8	6683.6	6925.7	7494.3	7406.2	6184.7
50°	6346.1	6364.4	6452.5	6646.9	*7028.4*	7068.7	7164.1	7145.8	7564.0	7281.5	6210.4
52.5°	7123.8	7134.8	7252.2	7457.6	*7828.1*	7857.4	7648.3	7314.5	7303.5	6778.9	6155.3
55°	7762.0	7758.4	7967.5	8282.9	*8734.1*	8715.8	8125.2	7186.1	6489.2	5997.6	5909.6
57.5°	8315.9	8338.0	8609.4	9156.0	*9724.6*	9709.9	8635.1	6507.5	5300.6	5073.2	5509.7
60°	8814.8	8866.2	9376.1	10194.1	*10821.4*	10733.3	8726.8	5484.1	4123.1	3972.7	4717.4
62.5°	8598.4	8693.8	9511.8	11107.5	*11969.5*	11775.1	8161.9	4247.8	2791.5	2655.8	3334.4
65°	*7674.0*	*7802.4*	*8840.5*	*10975.4*	*12552.8*	*12431.7*	*7134.8*	*2670.5*	*1471.0*	*1614.0*	*2245.0*
67.5°	6445.1	6599.2	7721.7	9860.3	*11356.9*	11096.5	5542.7	1404.9	686.0	1063.8	1393.9
70°	3532.5	3914.0	5583.1	8385.6	*9097.3*	8734.1	3206.1	664.0	498.9	664.0	832.7
72.5°	1327.9	1419.6	2421.1	5638.1	*6738.6*	6291.1	1217.9	429.2	418.2	491.5	601.6
75°	638.3	682.3	1052.8	2564.1	*3679.3*	3429.8	597.9	319.1	359.5	385.2	436.5
77.5°	381.5	410.8	656.6	1489.3	*1449.0*	1331.6	366.8	245.8	289.8	275.1	256.8
80°	227.4	253.1	399.8	847.4	*873.0*	774.0	223.8	172.4	201.8	176.1	157.7
82.5°	132.1	143.1	209.1	381.5	*553.9*	509.9	128.4	102.7	146.7	117.4	88.0
85°	66.0	69.7	95.4	165.1	*275.1*	209.1	55.0	47.7	69.7	51.4	29.3
87.5°	14.7	14.7	14.7	18.3	*25.7*	25.7	7.3	3.7	3.7	3.7	3.7
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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CATALOG NUMBER: GSS-SB4A-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7	3851.7
2.5°	3859.0	3866.3	3840.7	3811.3	3804.0	3782.0	3789.3	3774.6	3752.6	3756.3	3760.0
5°	3895.7	3881.0	3829.7	3763.6	3704.9	3638.9	3561.9	3473.8	3411.5	3385.8	3407.8
7.5°	3928.7	3914.0	3826.0	3679.3	3481.2	3206.1	2919.9	2659.5	2479.7	2413.7	2428.4
10°	4020.4	3961.7	3800.3	3481.2	3008.0	2487.1	2197.3	2035.9	1980.9	1951.5	1955.2
12.5°	4141.5	4060.8	3752.6	3136.4	2421.1	2090.9	1988.2	1951.5	1933.2	1925.8	1933.2
15°	4288.2	4163.5	3638.9	2703.5	2149.6	2021.2	1999.2	2002.9	2002.9	2006.5	2006.5
17.5°	4416.6	4222.2	3433.5	2391.7	2094.6	2057.9	2079.9	2098.2	2098.2	2101.9	2098.2
20°	4534.0	4251.5	3169.4	2259.6	2105.6	2123.9	2175.3	2193.6	2197.3	2193.6	2193.6
22.5°	4658.7	4269.9	2905.3	2186.3	2131.3	2186.3	2241.3	2267.0	2274.3	2278.0	2281.7
25°	4779.7	4233.2	2688.8	2127.6	2120.3	2197.3	2259.6	2292.7	2300.0	2300.0	2303.7
27.5°	4900.8	4222.2	2542.1	2050.6	2068.9	2131.3	2204.6	2248.6	2278.0	2281.7	2285.3
30°	5040.2	4189.2	2402.7	1947.8	1955.2	2032.2	2109.3	2186.3	2245.0	2270.7	2270.7
32.5°	5135.6	4156.1	2278.0	1837.8	1837.8	1918.5	2013.9	2109.3	2193.6	2245.0	2256.0
35°	5227.3	4126.8	2167.9	1727.8	1731.4	1808.5	1907.5	2010.2	2116.6	2178.9	2208.3
37.5°	5275.0	4097.4	2090.9	1643.4	1628.7	1709.4	1775.4	1859.8	1973.5	2076.2	2101.9
40°	5286.0	4097.4	2083.6	1584.7	1522.3	1614.0	1643.4	1702.1	1804.8	1914.8	1955.2
42.5°	5212.6	4057.1	2120.3	1548.0	1412.3	1478.3	1511.3	1540.7	1606.7	1698.4	1731.4
45°	5124.6	4002.1	2153.3	1496.7	1276.6	1327.9	1379.3	1382.9	1412.3	1434.3	1456.3
47.5°	5051.2	3943.4	2094.6	1401.3	1137.2	1173.8	1228.9	1228.9	1214.2	1170.2	1155.5
50°	5109.9	3961.7	1995.5	1265.6	1008.8	1034.4	1093.1	1060.1	1027.1	935.4	924.4
52.5°	5161.2	4031.4	1878.1	1133.5	898.7	924.4	983.1	931.7	865.7	792.3	781.3
55°	5076.9	4035.1	1661.7	986.8	821.7	843.7	898.7	836.4	774.0	730.0	722.6
57.5°	4823.8	3925.0	1434.3	873.0	755.7	777.7	829.0	766.7	708.0	704.3	722.6
60°	4266.2	3539.9	1225.2	799.7	693.3	719.0	770.3	704.3	627.3	594.3	605.3
62.5°	3220.7	2721.8	1049.1	715.3	634.6	667.6	704.3	597.9	531.9	517.2	502.6
65°	*2355.0*	*2090.9*	*942.7*	*649.3*	*579.6*	*619.9*	*590.6*	*531.9*	*487.9*	*473.2*	*465.9*
67.5°	1522.3	1419.6	810.7	586.9	528.2	561.2	520.9	491.5	443.9	436.5	447.5
70°	931.7	964.8	678.6	517.2	476.9	469.5	476.9	447.5	396.2	407.2	421.9
72.5°	660.3	711.6	583.3	451.2	407.2	392.5	425.5	407.2	370.5	381.5	396.2
75°	473.2	528.2	480.5	370.5	344.8	337.5	396.2	407.2	381.5	388.8	399.8
77.5°	278.8	337.5	341.1	286.1	260.4	300.8	421.9	469.5	451.2	429.2	418.2
80°	179.7	201.8	242.1	183.4	183.4	260.4	462.2	572.2	491.5	436.5	429.2
82.5°	91.7	106.4	157.7	117.4	110.0	194.4	454.9	546.6	542.9	484.2	473.2
85°	25.7	33.0	73.4	51.4	44.0	102.7	341.1	410.8	366.8	267.8	271.5
87.5°	3.7	3.7	0.0	0.0	3.7	14.7	40.4	7.3	7.3	7.3	7.3
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

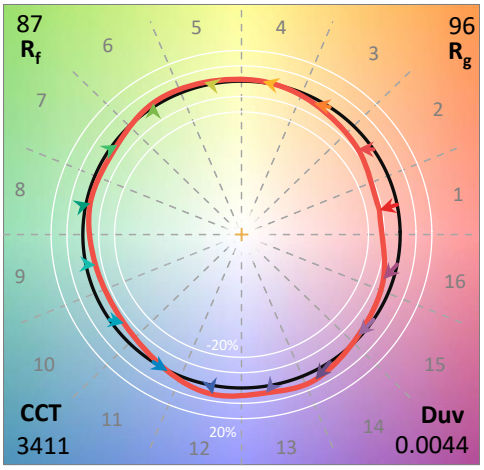
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

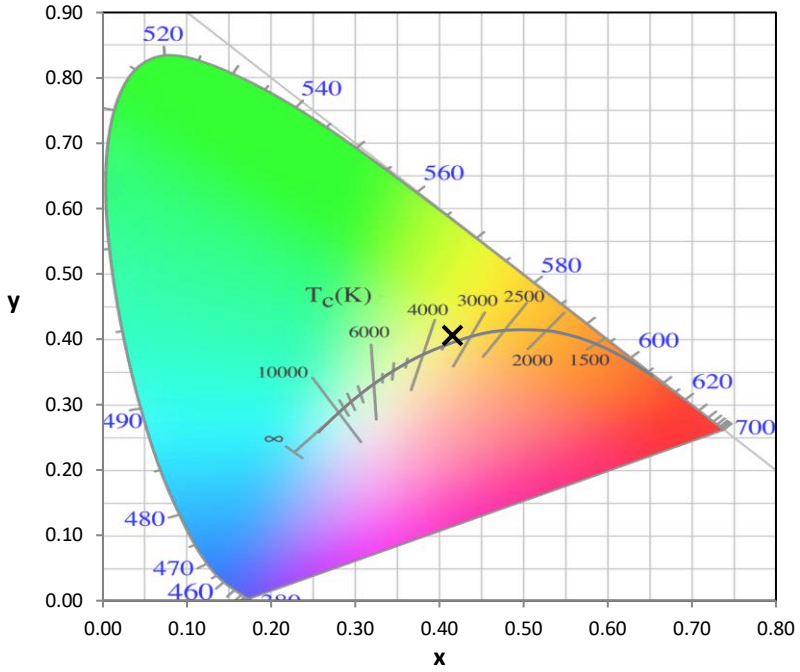
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

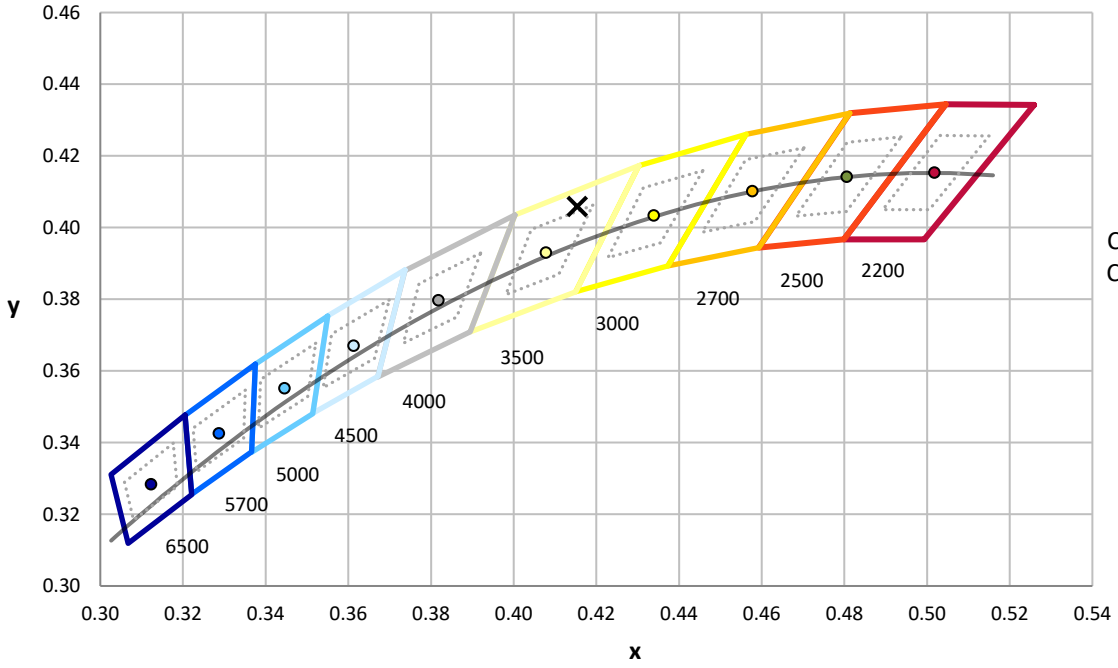
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

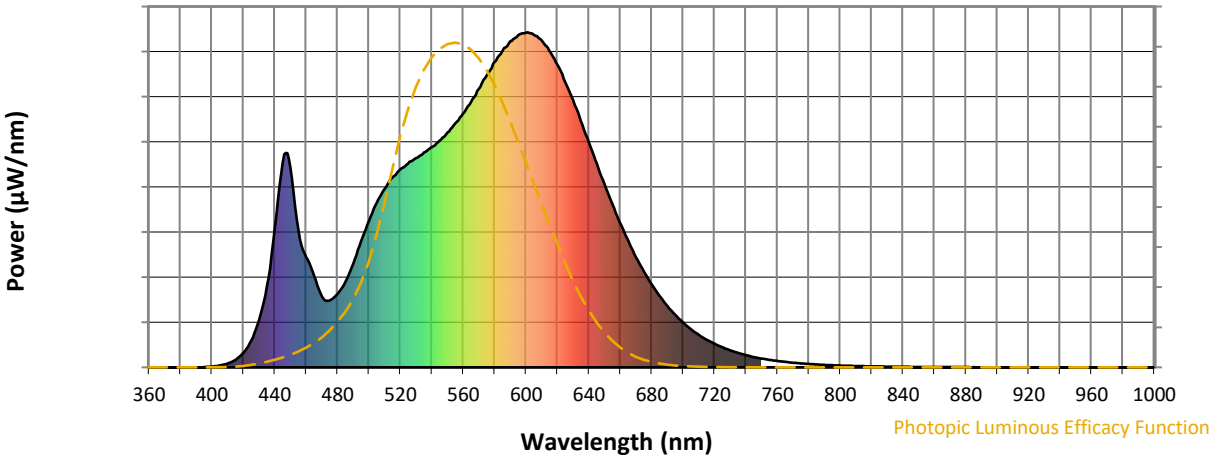


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

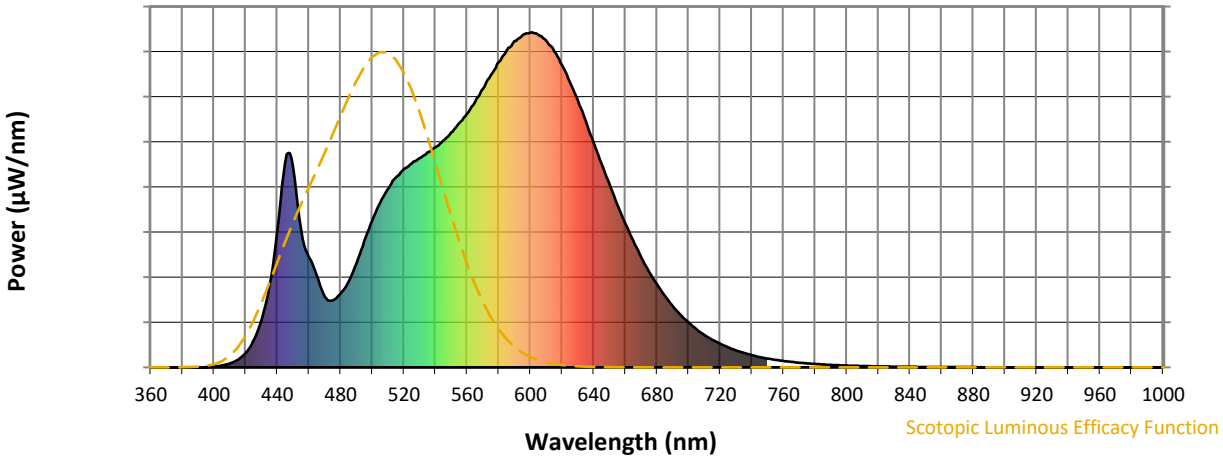


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

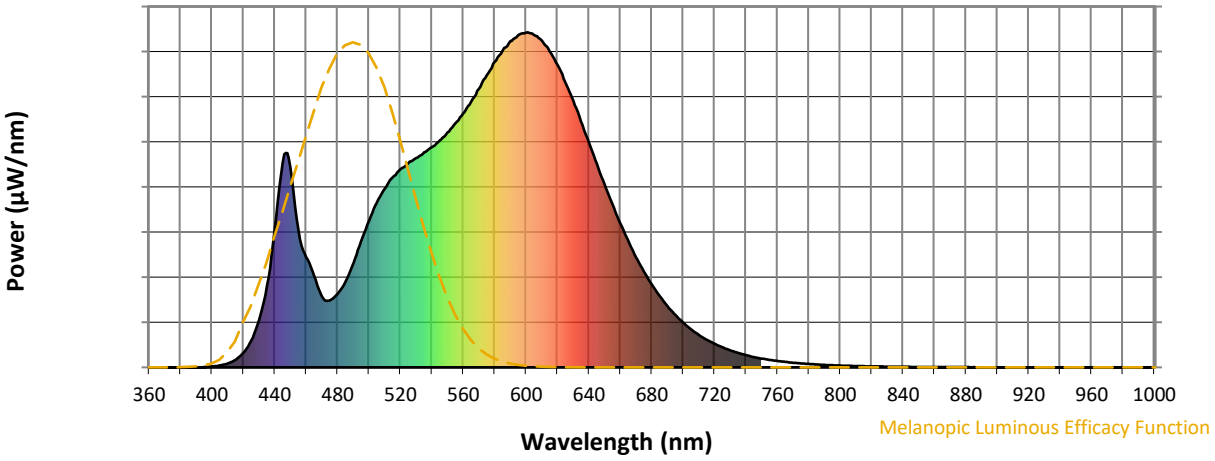


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

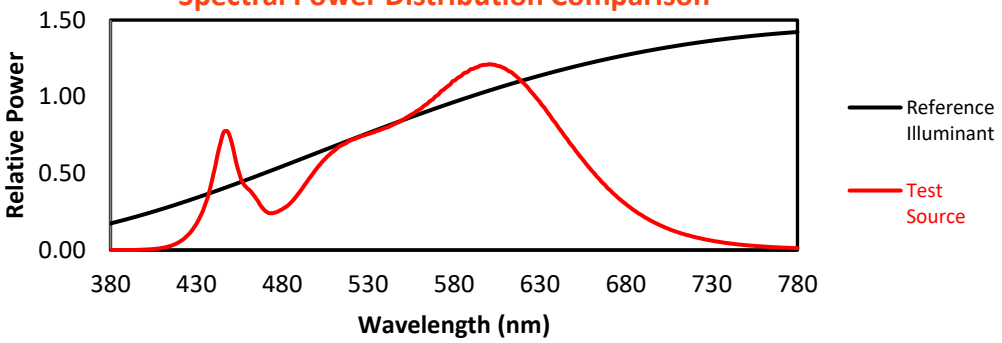
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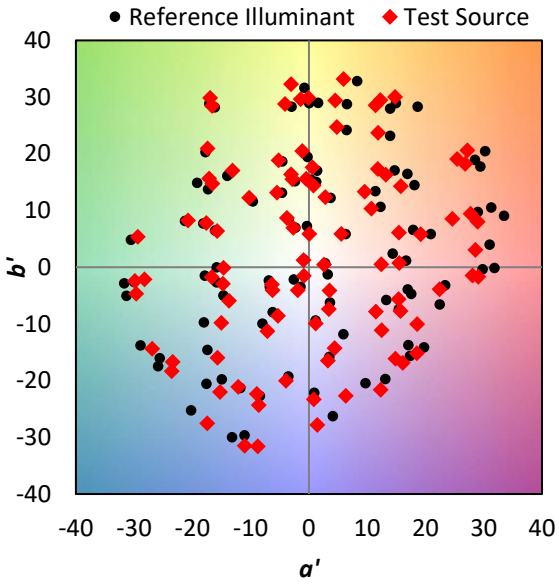
Summary

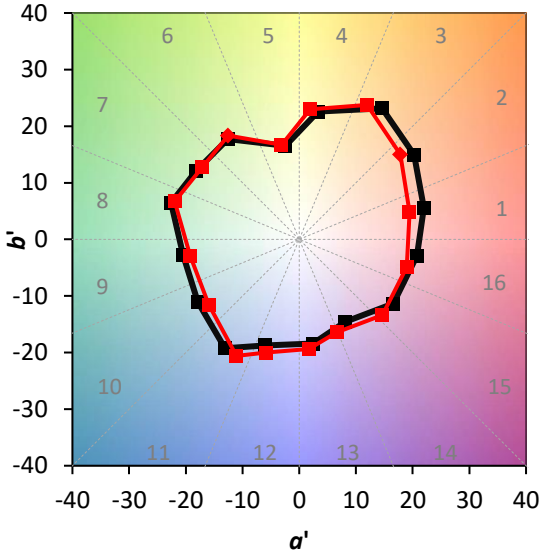
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

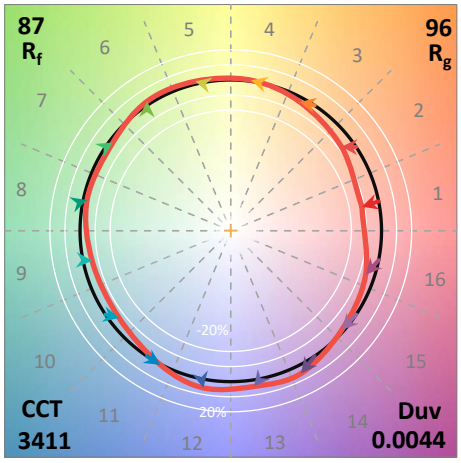
Spectral Power Distribution Comparison

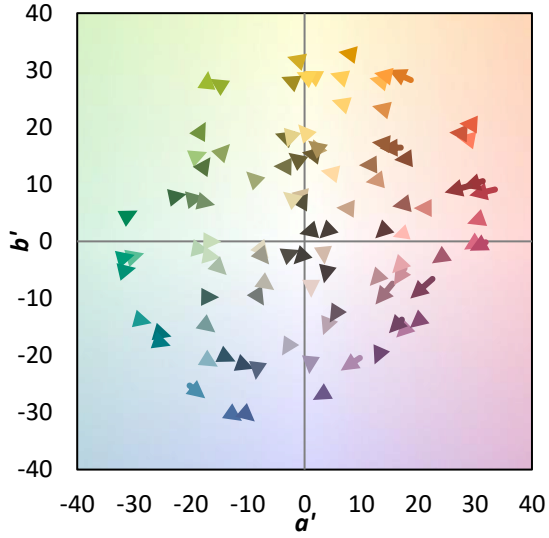


Color Vector Graphics







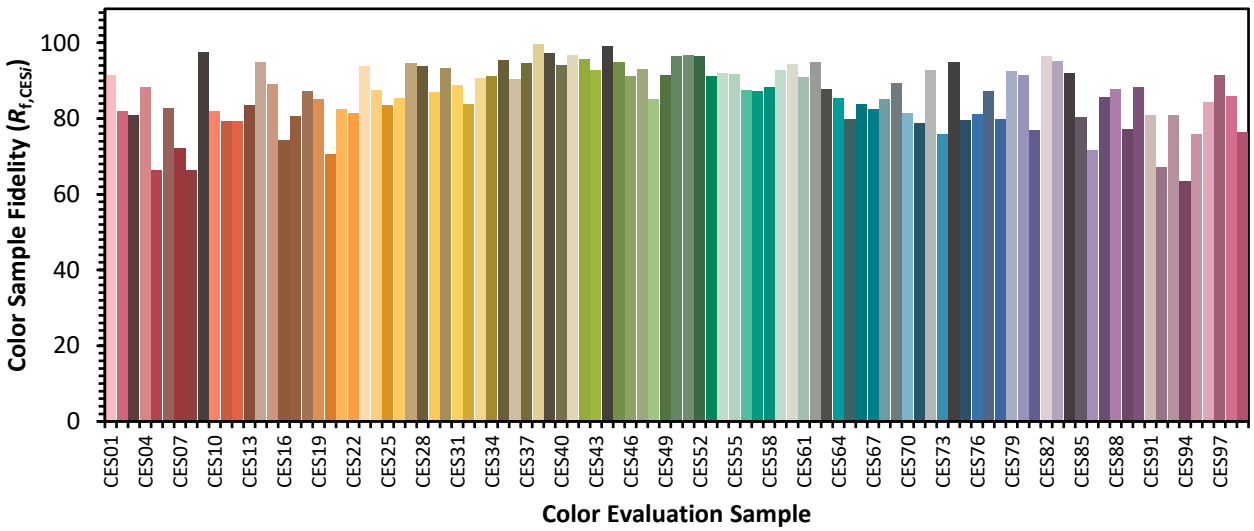


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Individual Sample Fidelity Index ($R_{f,i}$)

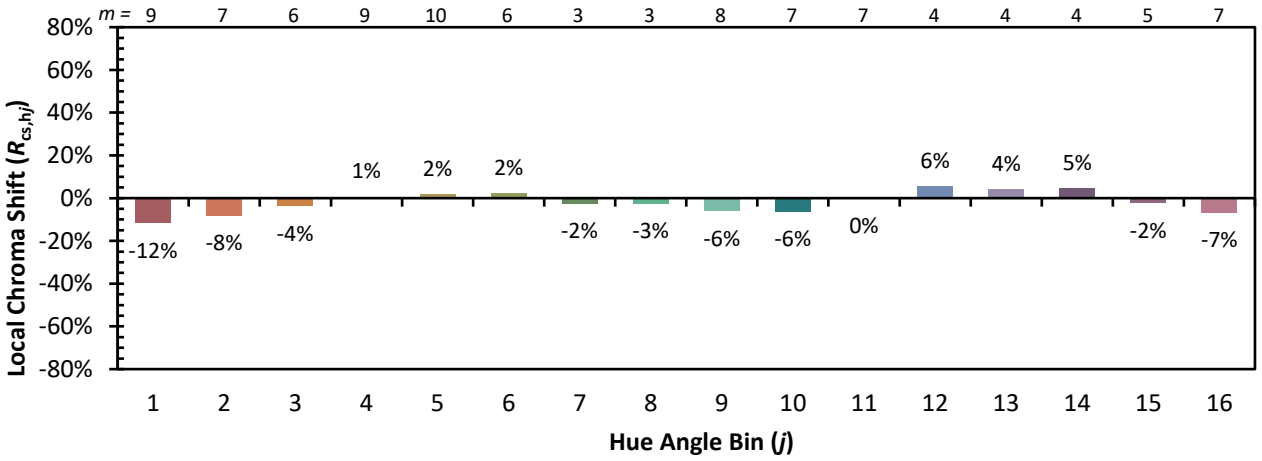
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

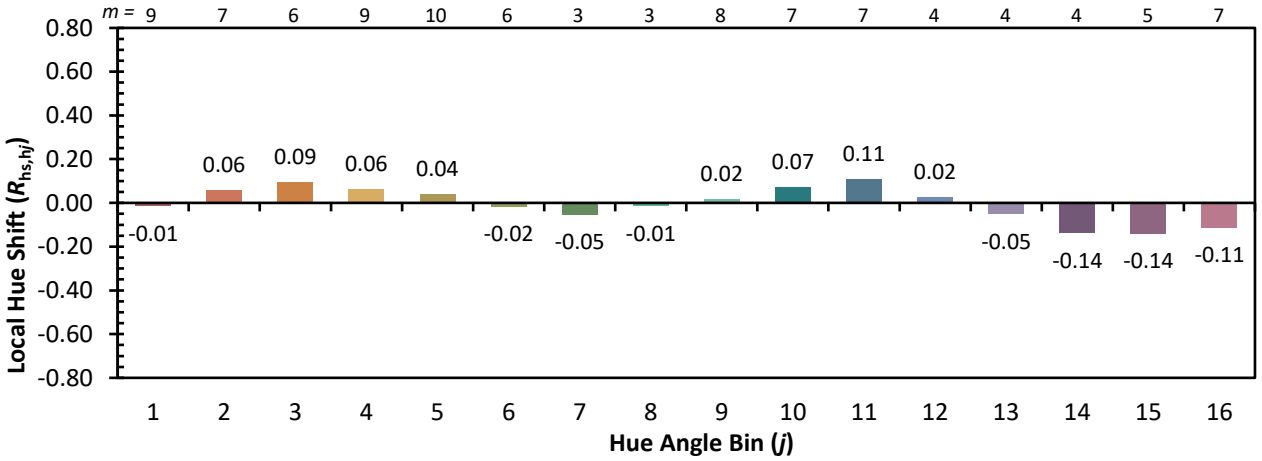


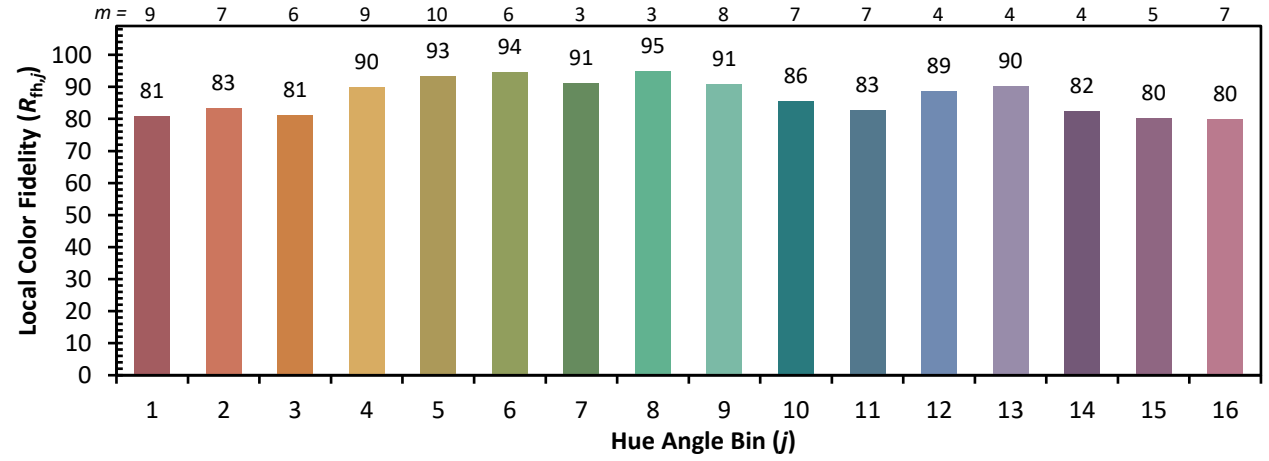
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Color Rendition by Hue-Angle Bin



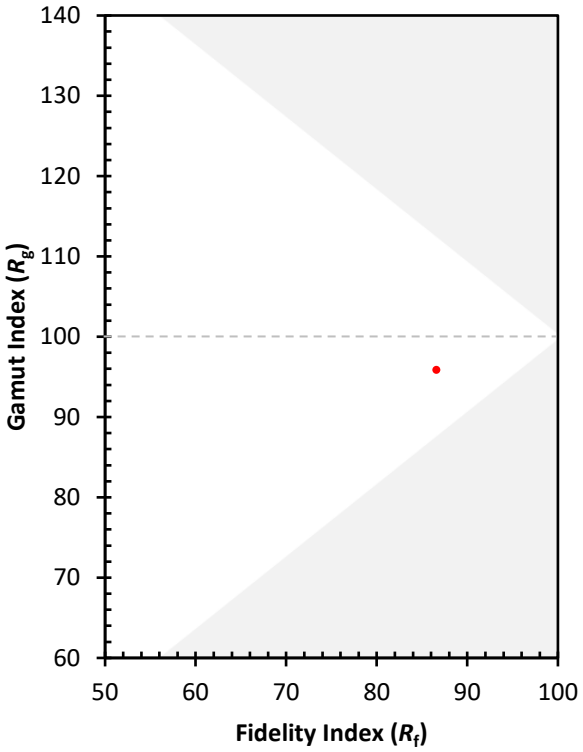


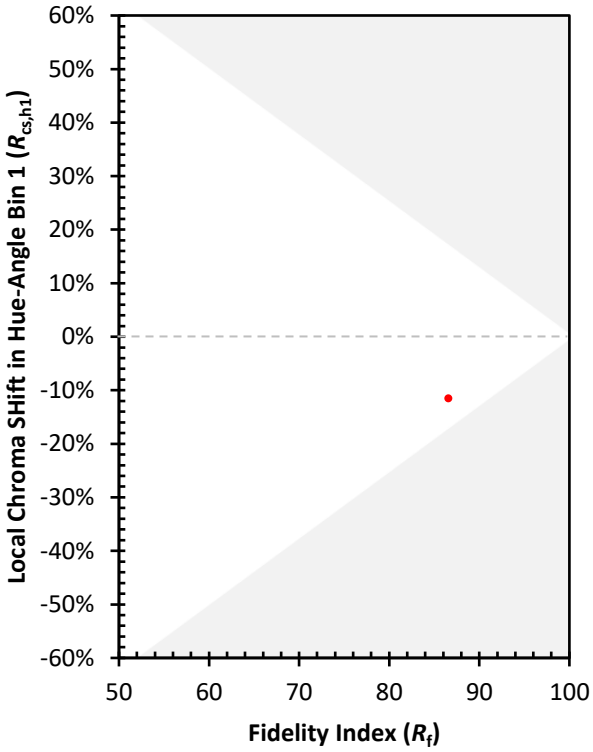


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Measure Comparisons





(END OF REPORT)