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: P1500781

Luminaire Tested: GSS-SB3A-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:	P1500781
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11653.2 lumens
Efficiency:	N/A
Efficacy:	137.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

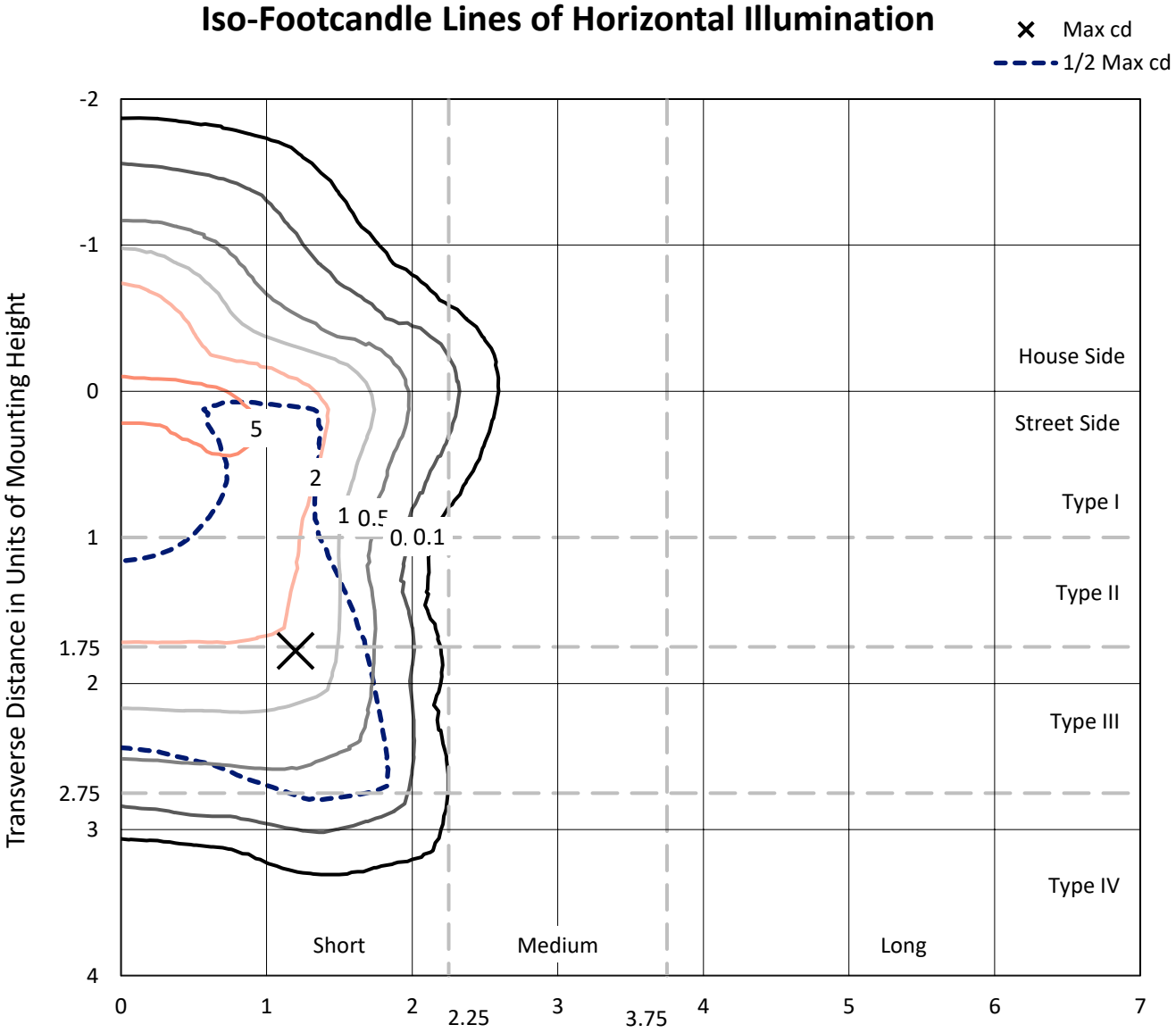
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500781
CATALOG NUMBER: GSS-SB3A-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



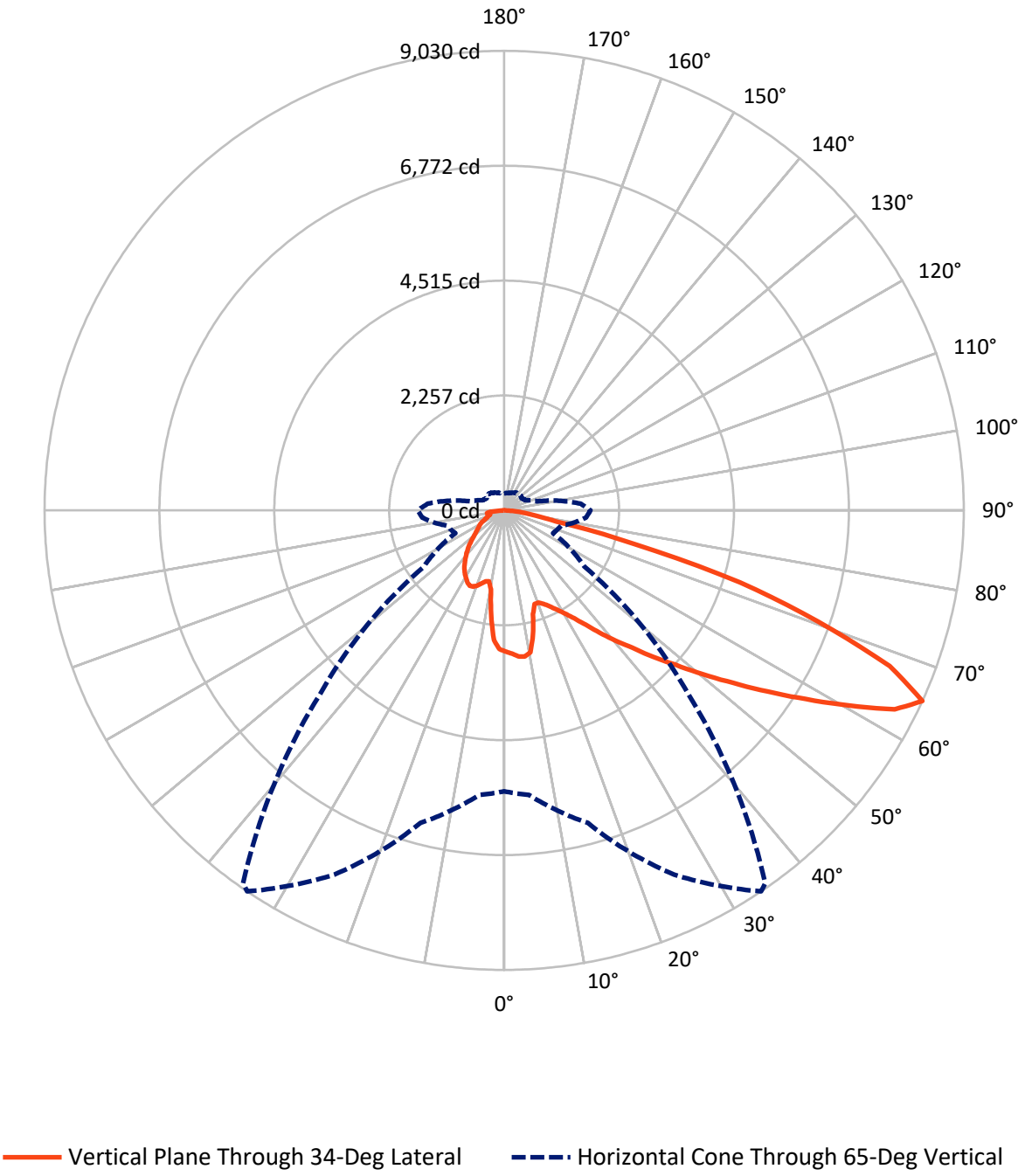
Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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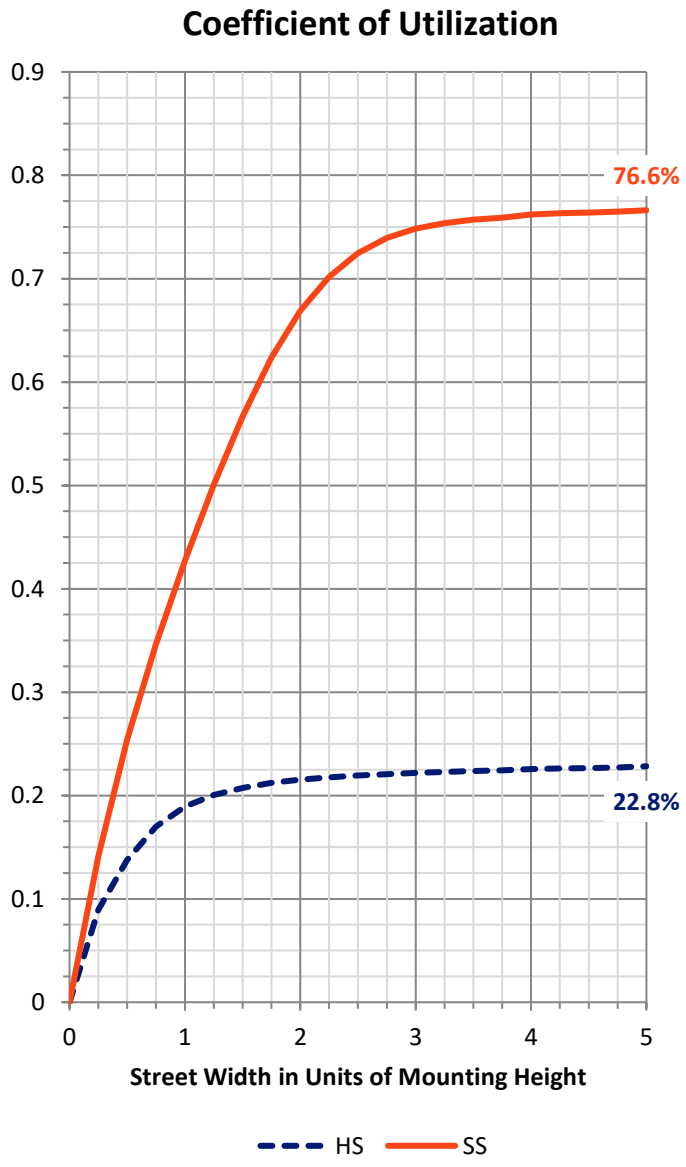
REPORT NUMBER: P1500781
CATALOG NUMBER: GSS-SB3A-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2711.2	0.0	2711.2
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	8942.0	0.0	8942.0
	% Fixture	76.7	0.0	76.7
Total	Lumens	11653.2	0.0	11653.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.8	2.1
10°-20°	628.6	5.4
20°-30°	1042.0	8.9
30°-40°	1567.2	13.4
40°-50°	2195.6	18.8
50°-60°	2768.3	23.8
60°-70°	2380.9	20.4
70°-80°	707.9	6.1
80°-90°	112.9	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°	11653.2	100.0
0°-180°	11653.2	100.0



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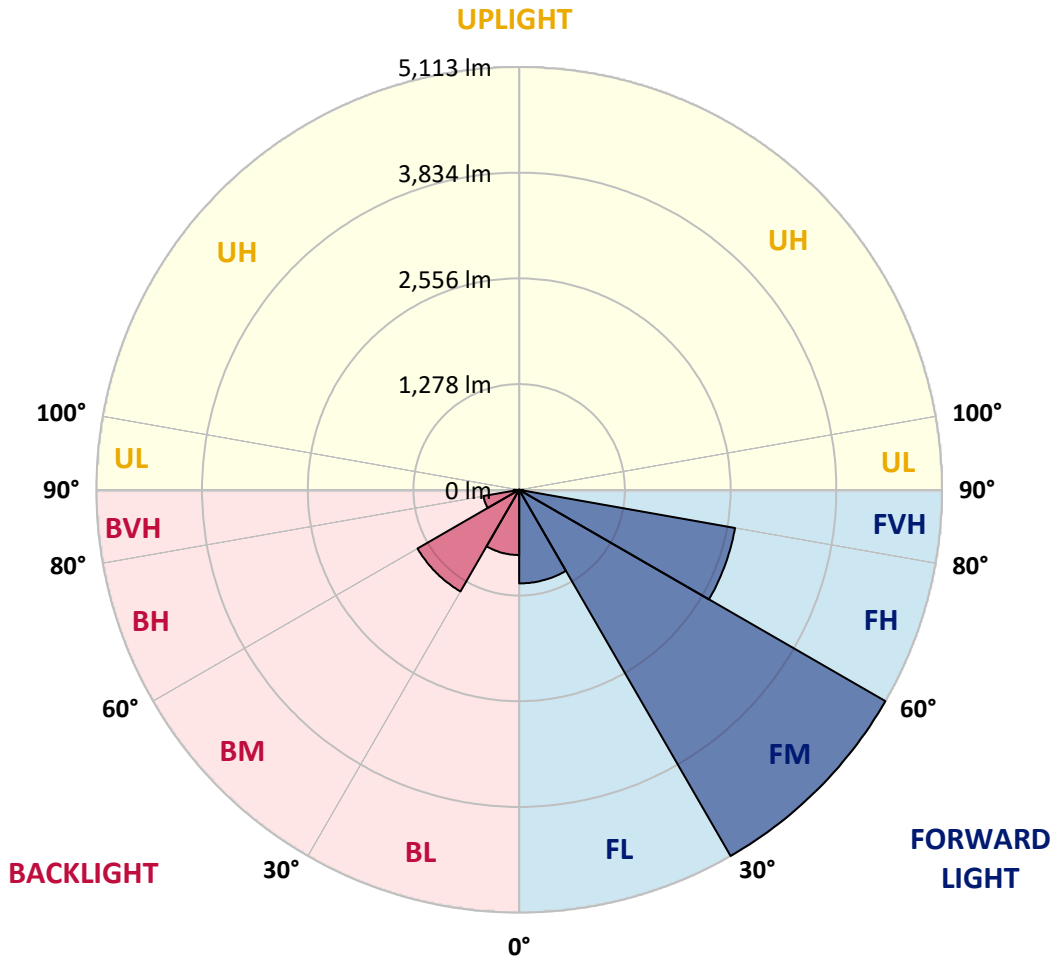
Scaled Data Report

REPORT NUMBER: P1500781
CATALOG NUMBER: GSS-SB3A-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1131.6	9.7			
FM	(30°-60°)	5112.6	43.9			
FH	(60°-80°)	2650.0	22.7			G2/5000
FVH	(80°-90°)	47.8	0.4			G1/100
BL	(0°-30°)	788.8	6.8	B2/1000		
BM	(30°-60°)	1418.4	12.2	B2/2500		
BH	(60°-80°)	438.8	3.8	B1/500		G1/500
BVH	(80°-90°)	65.2	0.6			G1/100
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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REPORT NUMBER: P1500781
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	2770.6	2770.6	2770.6	2770.6	*2770.6*	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6
2.5°	2823.4	2839.2	2820.7	2812.8	*2815.4*	2818.1	2804.9	2807.5	2791.7	2791.7	2778.5
5°	2884.1	2886.7	2876.1	2884.1	*2881.4*	2878.8	2878.8	2876.1	2841.8	2833.9	2820.7
7.5°	2849.8	2860.3	2865.6	2894.6	*2902.5*	2918.4	2928.9	2934.2	2907.8	2886.7	2852.4
10°	2535.8	2543.7	2604.4	2736.3	*2836.6*	2855.0	2952.7	3008.1	2989.6	2979.0	2921.0
12.5°	2026.5	2039.7	2108.3	2279.8	*2514.6*	2564.8	2876.1	3063.5	3105.7	3108.3	3023.9
15°	1807.5	1807.5	1828.6	1926.2	*2116.2*	2155.8	2614.9	3079.3	3229.7	3248.2	3145.3
17.5°	1762.6	1760.0	1773.2	1831.2	*1931.5*	1955.2	2314.1	2997.5	3377.5	3409.1	3277.2
20°	1760.0	1752.1	1778.5	1844.4	*1931.5*	1952.6	2174.3	2855.0	3493.6	3593.9	3409.1
22.5°	1762.6	1762.6	1799.6	1894.6	*1994.8*	2013.3	2200.6	2736.3	3588.6	3786.5	3549.0
25°	1791.6	1786.4	1839.1	1955.2	*2092.5*	2105.6	2308.8	2731.0	3670.4	4002.8	3717.9
27.5°	1839.1	1841.8	1913.0	2052.9	*2208.6*	2234.9	2459.2	2844.5	3770.6	4240.3	3881.5
30°	1939.4	1942.1	2026.5	2169.0	*2348.4*	2382.7	2633.4	3013.3	3913.1	4496.3	4058.3
32.5°	2052.9	2066.1	2169.0	2335.2	*2527.8*	2546.3	2847.1	3266.7	4126.9	4752.2	4248.2
35°	2242.9	2256.1	2372.2	2546.3	*2760.0*	2786.4	3108.3	3559.5	4388.1	5010.8	4396.0
37.5°	2488.3	2498.8	2612.3	2823.4	*3050.3*	3076.7	3398.6	3870.9	4652.0	5216.6	4527.9
40°	2781.1	2804.9	2926.3	3132.1	*3361.7*	3377.5	3715.2	4171.7	4936.9	5359.1	4580.7
42.5°	3100.4	3124.2	3248.2	3475.1	*3686.2*	3733.7	4058.3	4491.0	5169.1	5422.4	4538.5
45°	3509.4	3504.1	3620.2	3857.7	*4105.8*	4124.2	4425.0	4754.9	5309.0	5369.7	4496.3
47.5°	4005.5	4010.8	4084.6	4277.3	*4533.2*	4575.4	4807.6	4981.8	5390.8	5327.5	4448.8
50°	4564.9	4578.1	4641.4	4781.2	*5055.7*	5084.7	5153.3	5140.1	5440.9	5237.7	4467.2
52.5°	5124.3	5132.2	5216.6	5364.4	*5630.9*	5652.0	5501.6	5261.5	5253.6	4876.2	4427.7
55°	5583.4	5580.8	5731.2	5958.1	*6282.6*	6269.5	5844.6	5169.1	4667.8	4314.2	4250.9
57.5°	5981.8	5997.7	6192.9	6586.1	*6995.1*	6984.5	6211.4	4681.0	3812.9	3649.3	3963.3
60°	6340.7	6377.6	6744.4	7332.8	*7784.0*	7720.7	6277.4	3944.8	2965.9	2857.7	3393.3
62.5°	6185.0	6253.6	6842.0	7989.9	*8609.9*	8470.1	5871.0	3055.6	2008.0	1910.4	2398.5
65°	*5520.1*	*5612.4*	*6359.2*	*7894.9*	*9029.5*	*8942.4*	*5132.2*	*1920.9*	*1058.1*	*1161.0*	*1614.9*
67.5°	4636.1	4746.9	5554.4	7092.7	*8169.3*	7981.9	3987.0	1010.6	493.4	765.2	1002.7
70°	2541.0	2815.4	4016.0	6032.0	*6543.9*	6282.6	2306.2	477.6	358.9	477.6	599.0
72.5°	955.2	1021.2	1741.5	4055.6	*4847.2*	4525.3	876.0	308.7	300.8	353.6	432.7
75°	459.1	490.8	757.3	1844.4	*2646.6*	2467.1	430.1	229.6	258.6	277.1	314.0
77.5°	274.4	295.5	472.3	1071.3	*1042.3*	957.8	263.9	176.8	208.5	197.9	184.7
80°	163.6	182.1	287.6	609.5	*628.0*	556.8	161.0	124.0	145.1	126.7	113.5
82.5°	95.0	102.9	150.4	274.4	*398.4*	366.8	92.4	73.9	105.5	84.4	63.3
85°	47.5	50.1	68.6	118.7	*197.9*	150.4	39.6	34.3	50.1	36.9	21.1
87.5°	10.6	10.6	10.6	13.2	*18.5*	18.5	5.3	2.6	2.6	2.6	2.6
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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Scaled Data Report

REPORT NUMBER: P1500781
CATALOG NUMBER: GSS-SB3A-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6	2770.6
2.5°	2775.9	2781.1	2762.7	2741.6	2736.3	2720.5	2725.7	2715.2	2699.3	2702.0	2704.6
5°	2802.3	2791.7	2754.8	2707.3	2665.0	2617.5	2562.1	2498.8	2454.0	2435.5	2451.3
7.5°	2826.0	2815.4	2752.1	2646.6	2504.1	2306.2	2100.4	1913.0	1783.7	1736.2	1746.8
10°	2892.0	2849.8	2733.6	2504.1	2163.7	1789.0	1580.6	1464.5	1424.9	1403.8	1406.4
12.5°	2979.0	2921.0	2699.3	2256.1	1741.5	1504.0	1430.2	1403.8	1390.6	1385.3	1390.6
15°	3084.6	2994.9	2617.5	1944.7	1546.3	1453.9	1438.1	1440.7	1440.7	1443.3	1443.3
17.5°	3176.9	3037.1	2469.8	1720.4	1506.7	1480.3	1496.1	1509.3	1509.3	1512.0	1509.3
20°	3261.4	3058.2	2279.8	1625.4	1514.6	1527.8	1564.7	1577.9	1580.6	1577.9	1577.9
22.5°	3351.1	3071.4	2089.8	1572.6	1533.1	1572.6	1612.2	1630.7	1636.0	1638.6	1641.2
25°	3438.2	3045.0	1934.1	1530.4	1525.1	1580.6	1625.4	1649.2	1654.4	1654.4	1657.1
27.5°	3525.2	3037.1	1828.6	1475.0	1488.2	1533.1	1585.8	1617.5	1638.6	1641.2	1643.9
30°	3625.5	3013.3	1728.3	1401.1	1406.4	1461.8	1517.2	1572.6	1614.9	1633.3	1633.3
32.5°	3694.1	2989.6	1638.6	1322.0	1322.0	1380.0	1448.6	1517.2	1577.9	1614.9	1622.8
35°	3760.1	2968.5	1559.4	1242.8	1245.4	1300.9	1372.1	1446.0	1522.5	1567.4	1588.5
37.5°	3794.4	2947.4	1504.0	1182.1	1171.6	1229.6	1277.1	1337.8	1419.6	1493.5	1512.0
40°	3802.3	2947.4	1498.8	1139.9	1095.0	1161.0	1182.1	1224.3	1298.2	1377.4	1406.4
42.5°	3749.5	2918.4	1525.1	1113.5	1015.9	1063.4	1087.1	1108.2	1155.7	1221.7	1245.4
45°	3686.2	2878.8	1548.9	1076.6	918.3	955.2	992.1	994.8	1015.9	1031.7	1047.5
47.5°	3633.4	2836.6	1506.7	1008.0	818.0	844.4	884.0	884.0	873.4	841.7	831.2
50°	3675.7	2849.8	1435.4	910.3	725.6	744.1	786.3	762.6	738.8	672.9	664.9
52.5°	3712.6	2899.9	1351.0	815.3	646.5	664.9	707.2	670.2	622.7	570.0	562.0
55°	3651.9	2902.5	1195.3	709.8	591.1	606.9	646.5	601.6	556.8	525.1	519.8
57.5°	3469.8	2823.4	1031.7	628.0	543.6	559.4	596.3	551.5	509.3	506.6	519.8
60°	3068.8	2546.3	881.3	575.2	498.7	517.2	554.1	506.6	451.2	427.5	435.4
62.5°	2316.7	1957.9	754.7	514.5	456.5	480.2	506.6	430.1	382.6	372.1	361.5
65°	*1694.0*	*1504.0*	*678.1*	*467.0*	*416.9*	*445.9*	*424.8*	*382.6*	*350.9*	*340.4*	*335.1*
67.5°	1095.0	1021.2	583.1	422.2	380.0	403.7	374.7	353.6	319.3	314.0	321.9
70°	670.2	694.0	488.2	372.1	343.0	337.7	343.0	321.9	285.0	292.9	303.4
72.5°	475.0	511.9	419.5	324.6	292.9	282.3	306.1	292.9	266.5	274.4	285.0
75°	340.4	380.0	345.7	266.5	248.0	242.8	285.0	292.9	274.4	279.7	287.6
77.5°	200.5	242.8	245.4	205.8	187.3	216.4	303.4	337.7	324.6	308.7	300.8
80°	129.3	145.1	174.2	131.9	131.9	187.3	332.5	411.6	353.6	314.0	308.7
82.5°	66.0	76.5	113.5	84.4	79.2	139.8	327.2	393.2	390.5	348.3	340.4
85°	18.5	23.7	52.8	36.9	31.7	73.9	245.4	295.5	263.9	192.6	195.3
87.5°	2.6	2.6	0.0	0.0	2.6	10.6	29.0	5.3	5.3	5.3	5.3
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

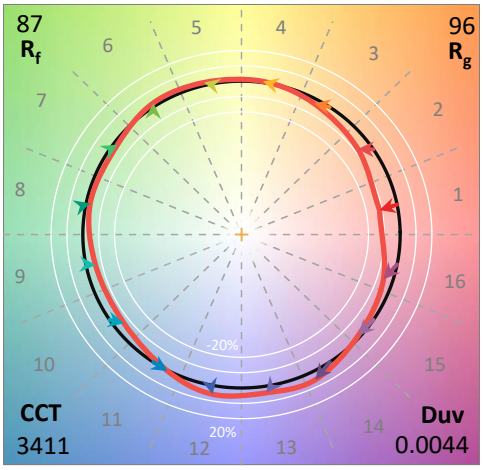
Test Information

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

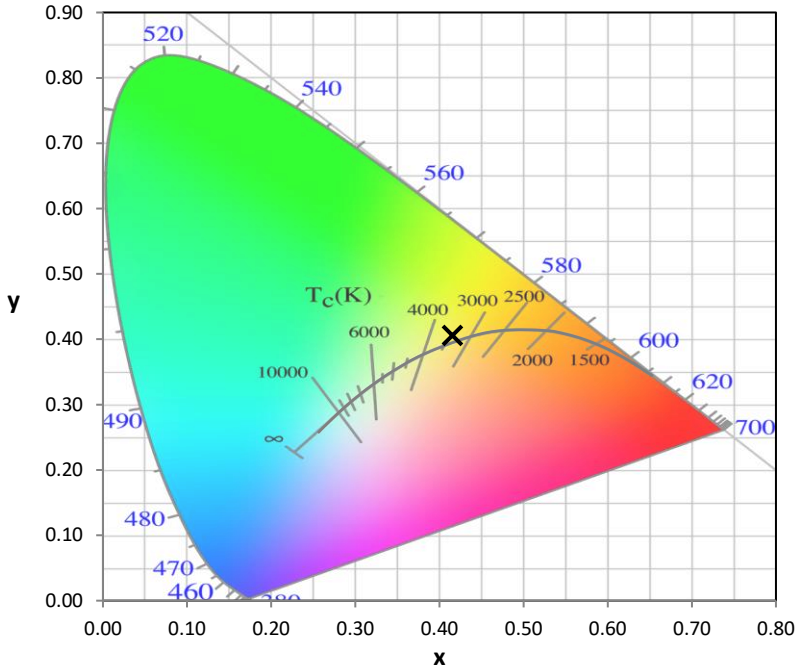
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

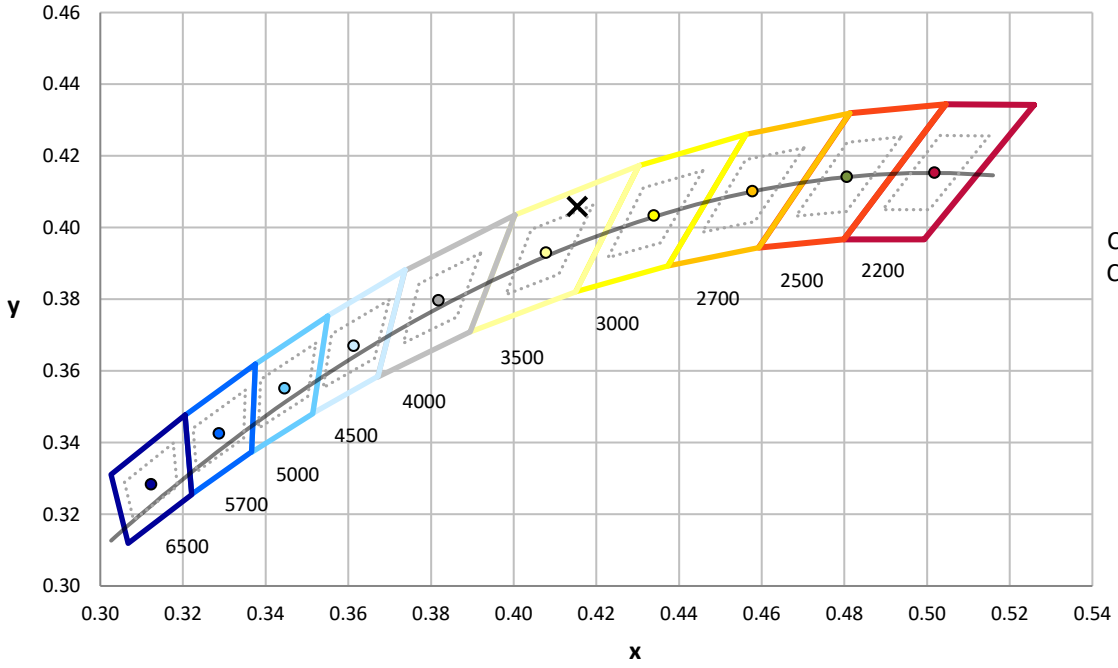
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

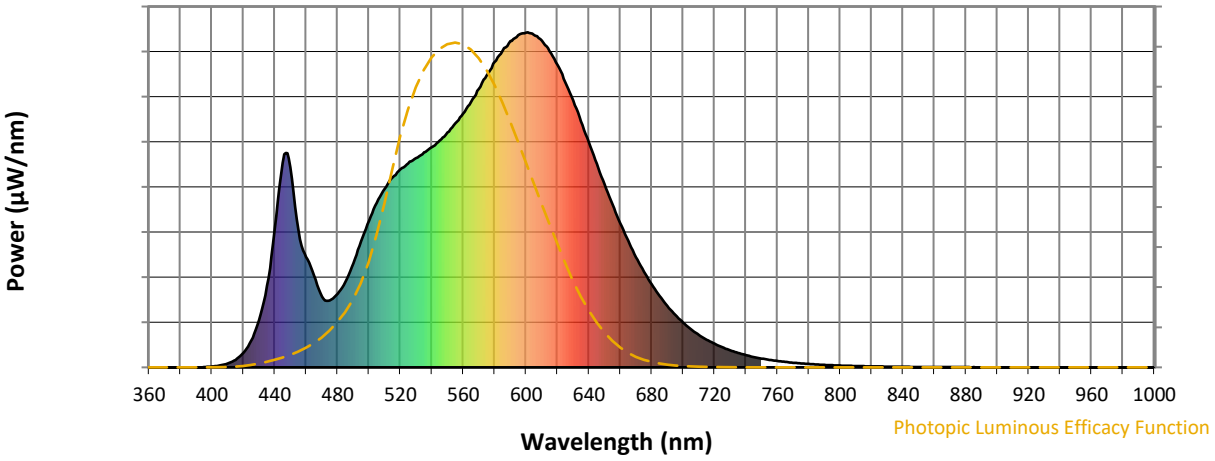


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

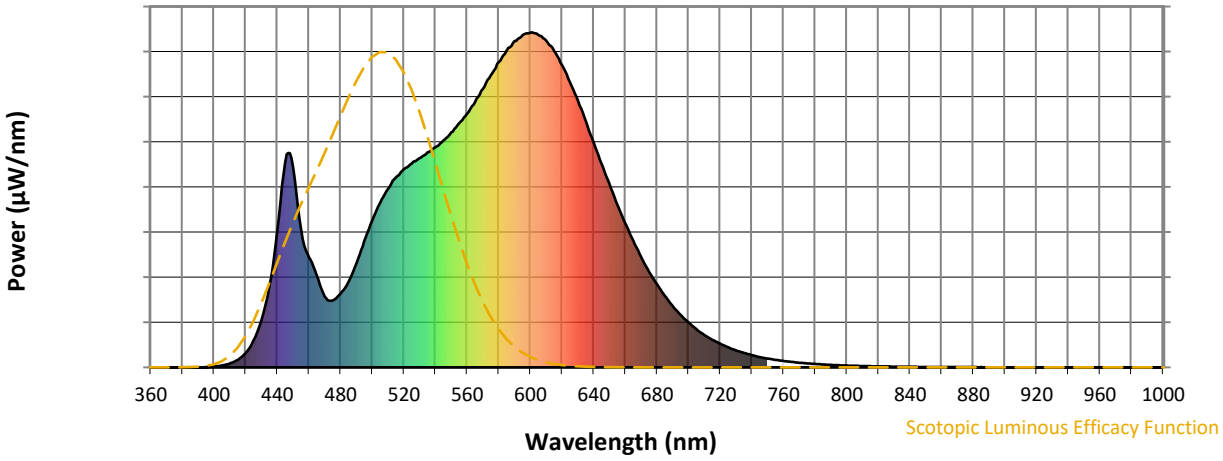


Photopic Lumens: NR

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

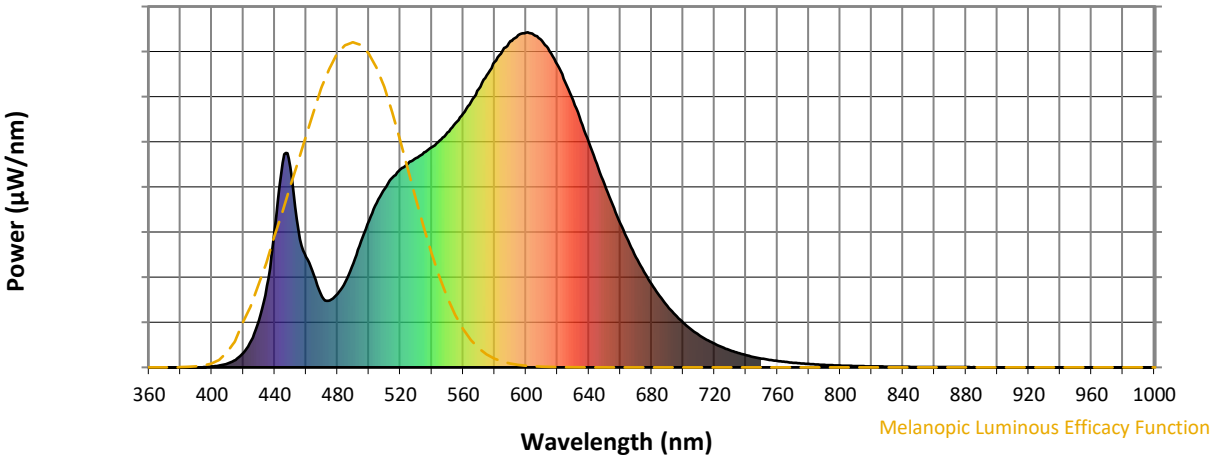


Scotopic Lumens: NR **S/P: 1.48**

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			

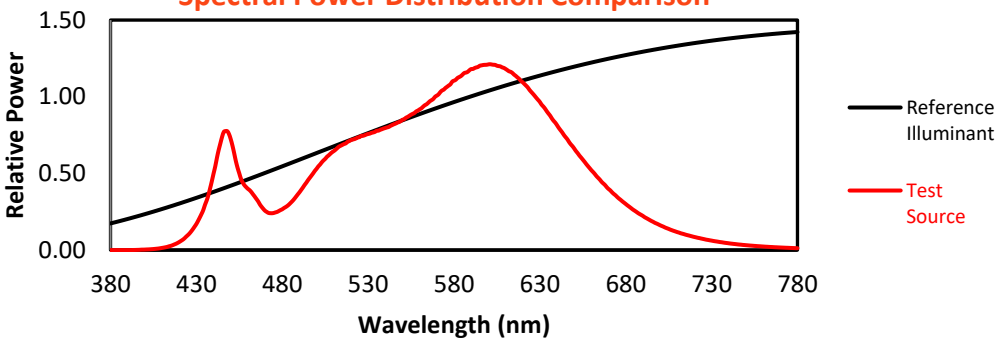
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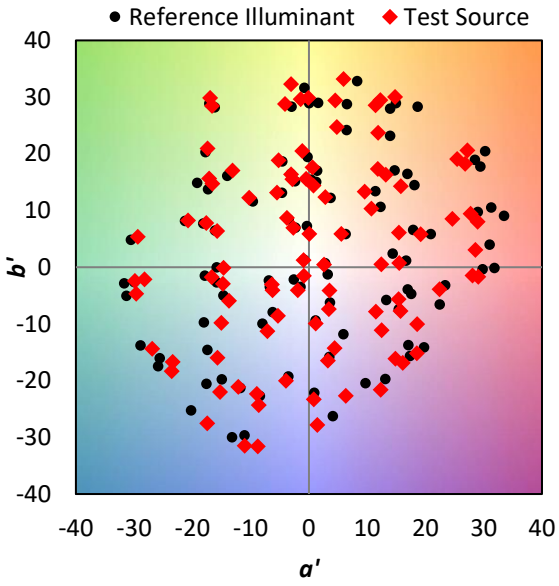
Summary

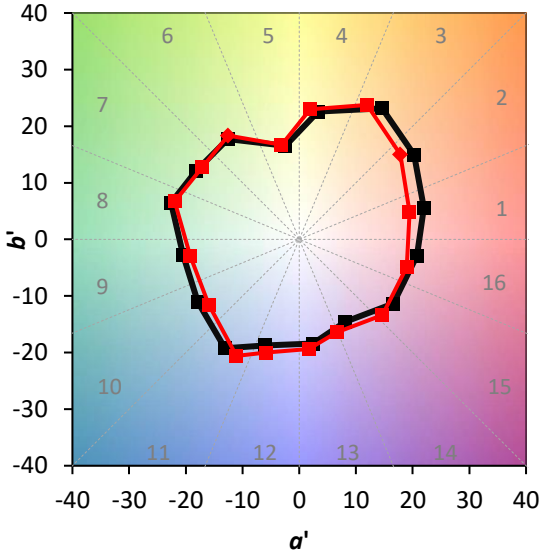
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

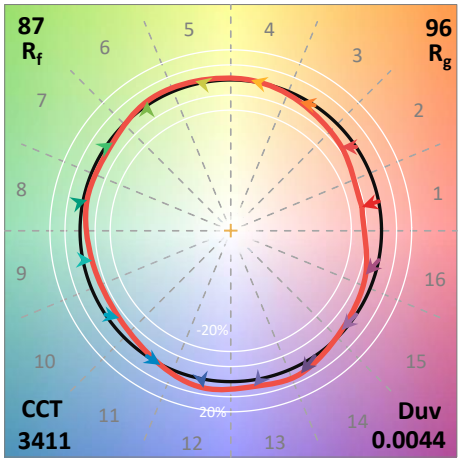
Spectral Power Distribution Comparison

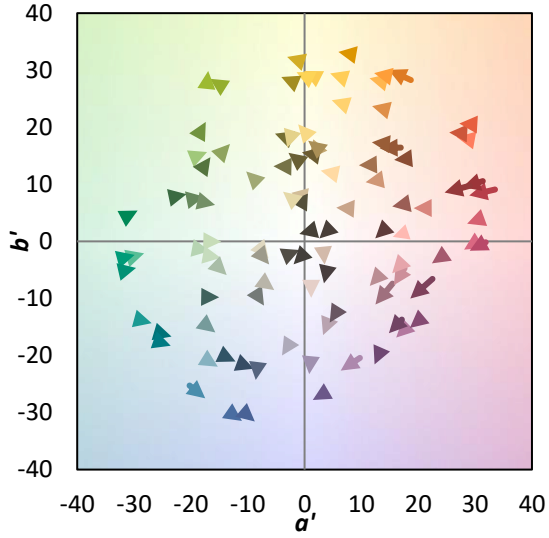


Color Vector Graphics







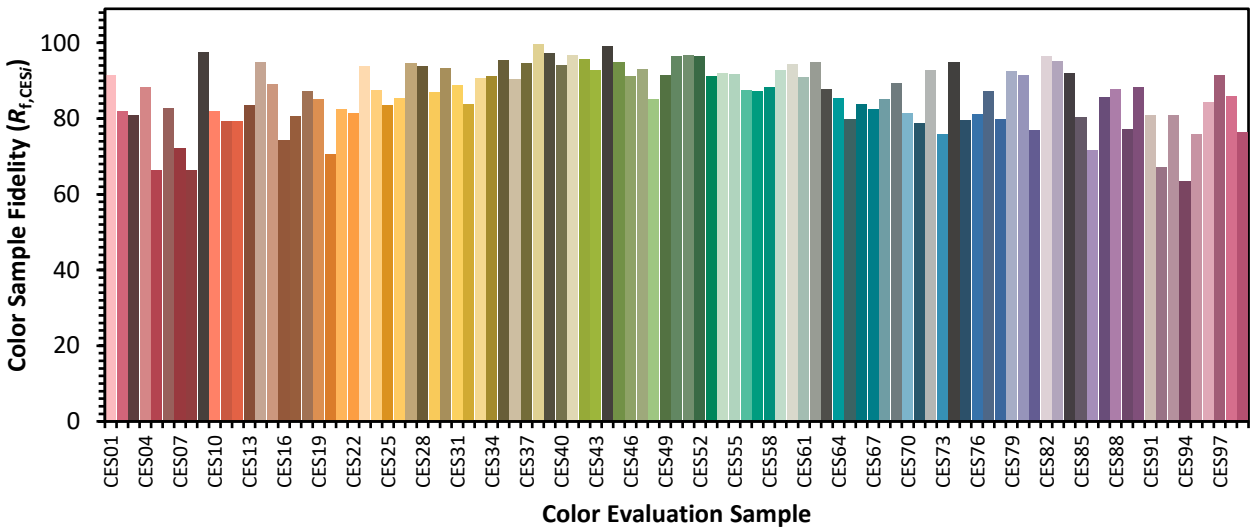


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Individual Sample Fidelity Index ($R_{f,i}$)

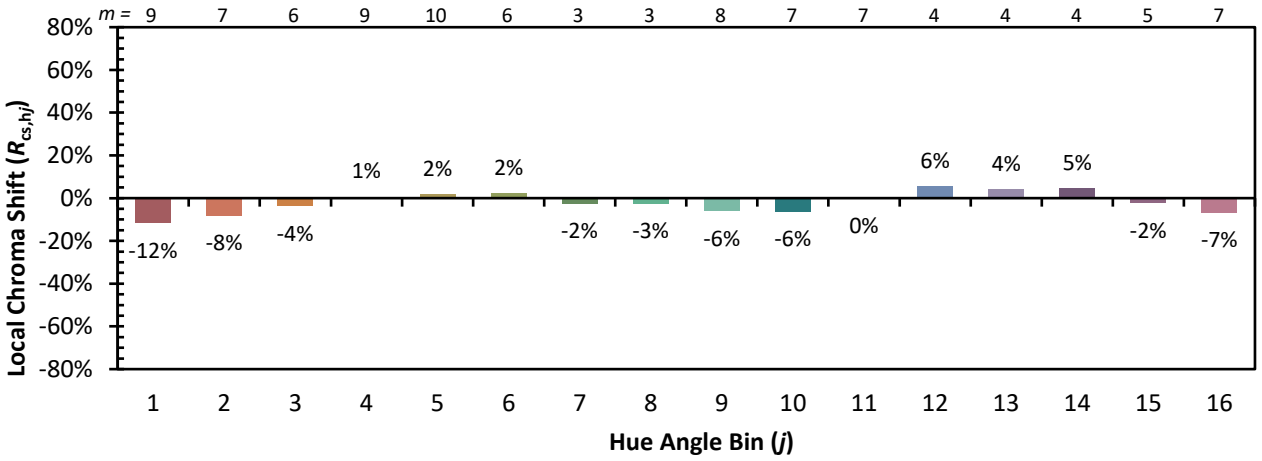
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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	

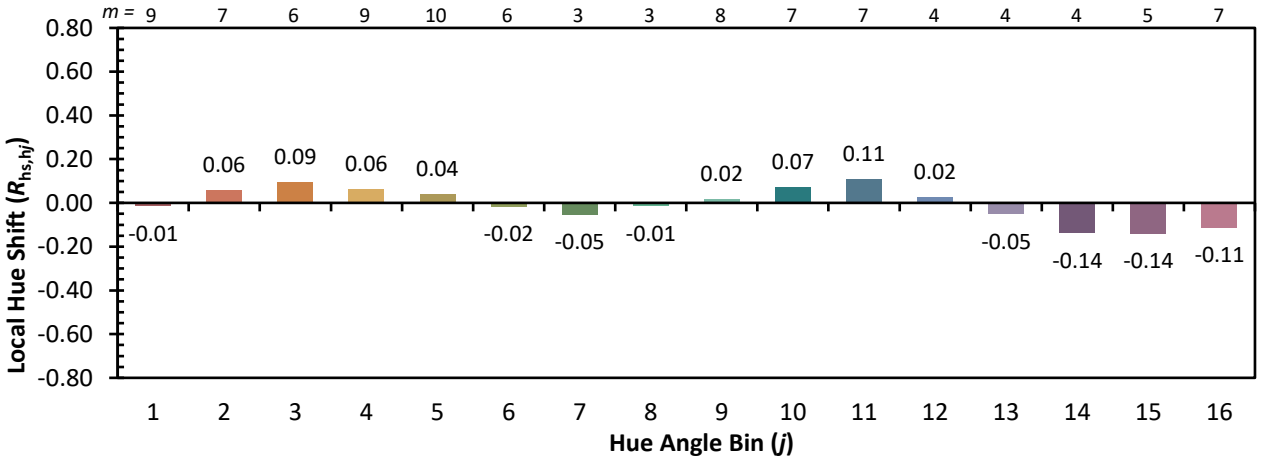


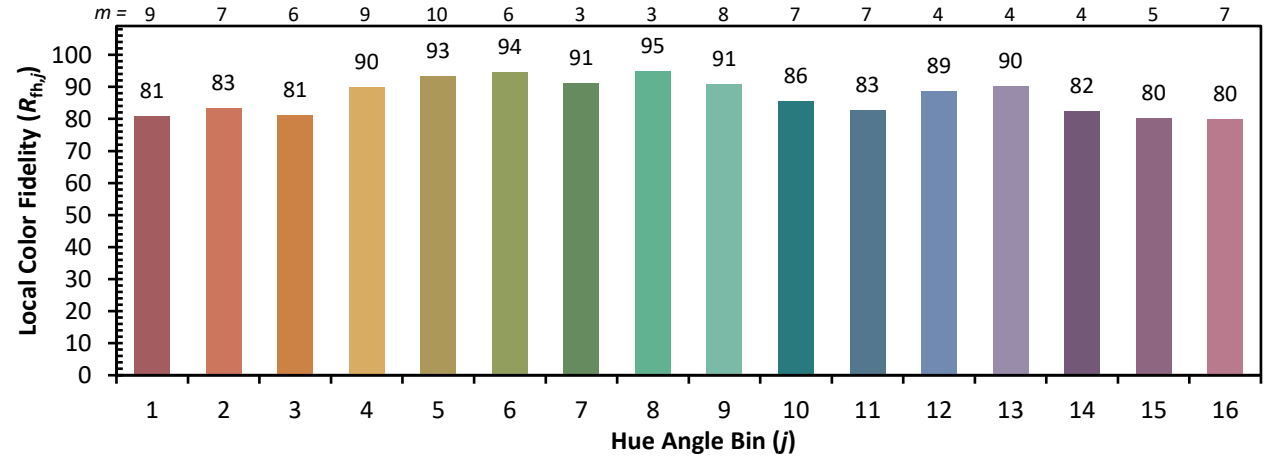
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Color Rendition by Hue-Angle Bin



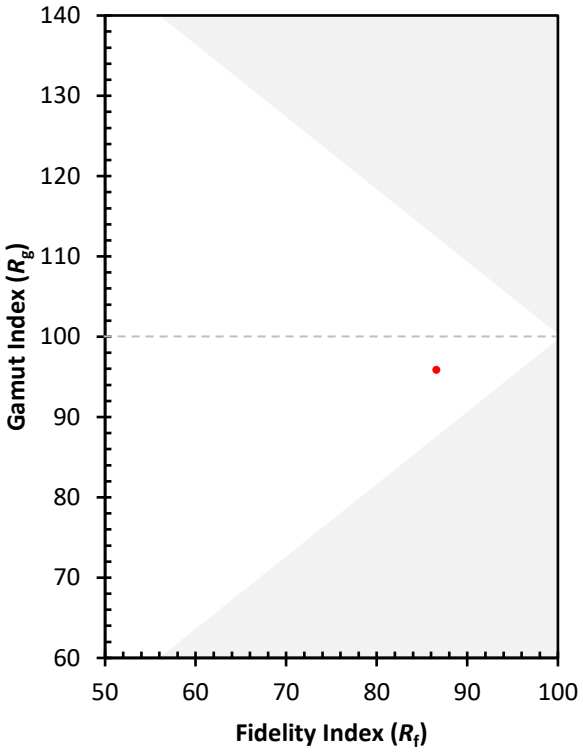


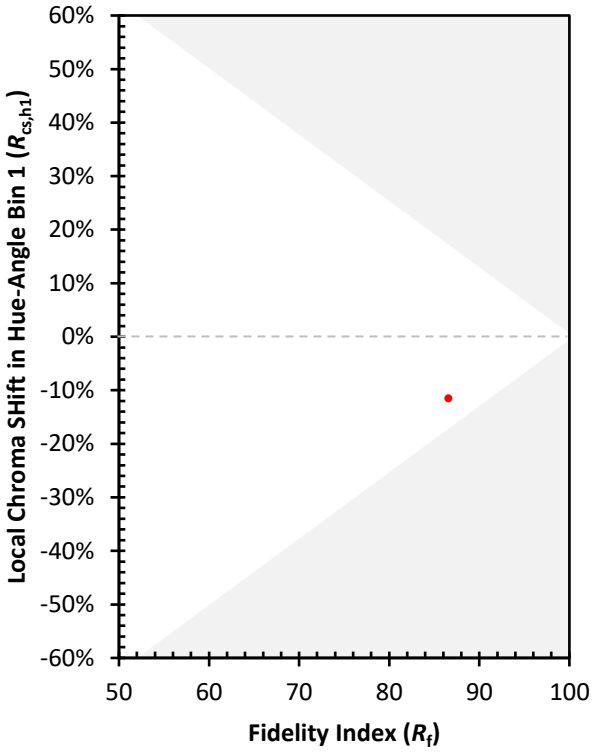


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Measure Comparisons





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