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: P1500782

Luminaire Tested: GSS-SB3B-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:	P1500782
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 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:	14681.3 lumens
Efficiency:	N/A
Efficacy:	134.7 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

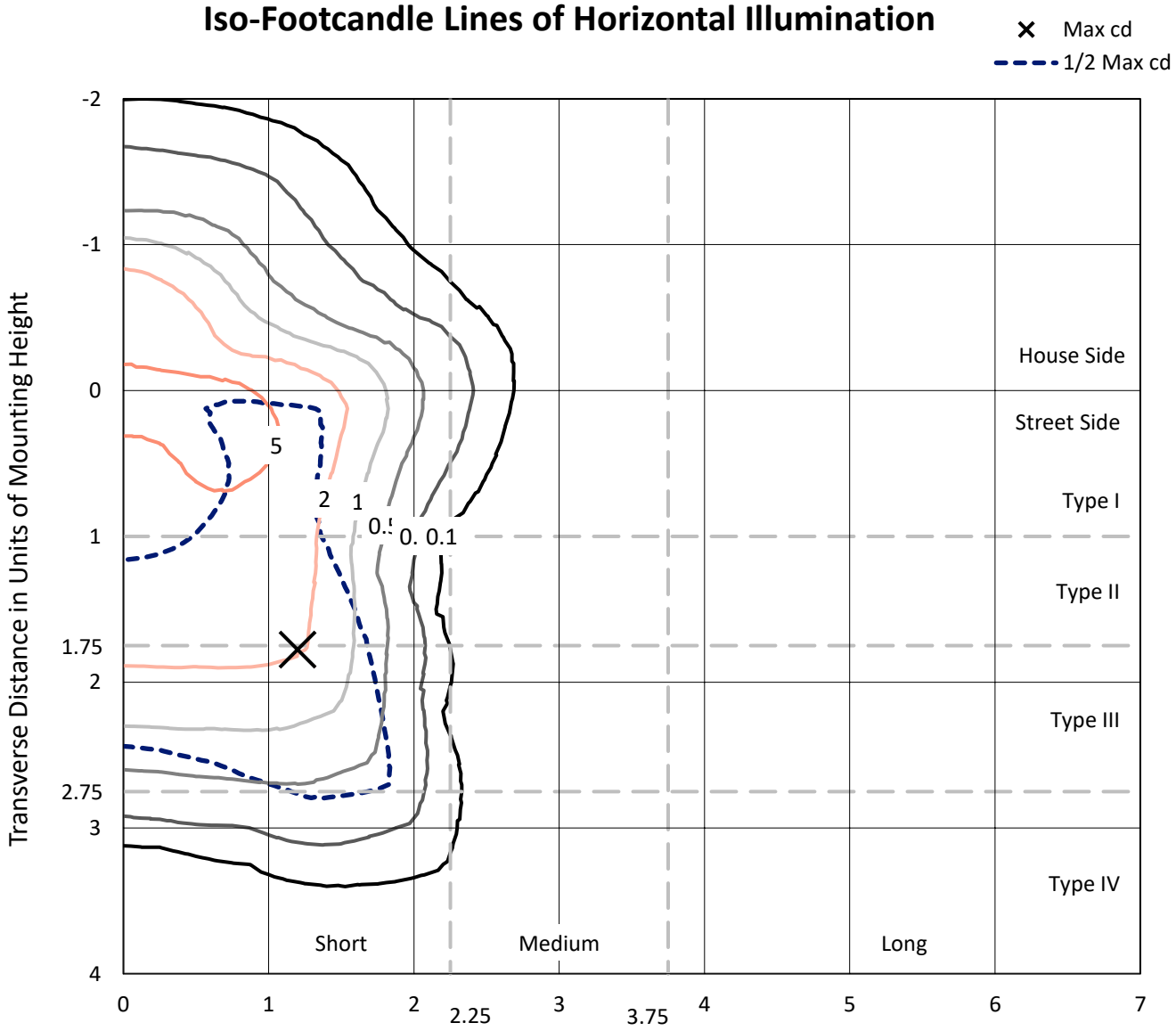
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500782
CATALOG NUMBER: GSS-SB3B-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



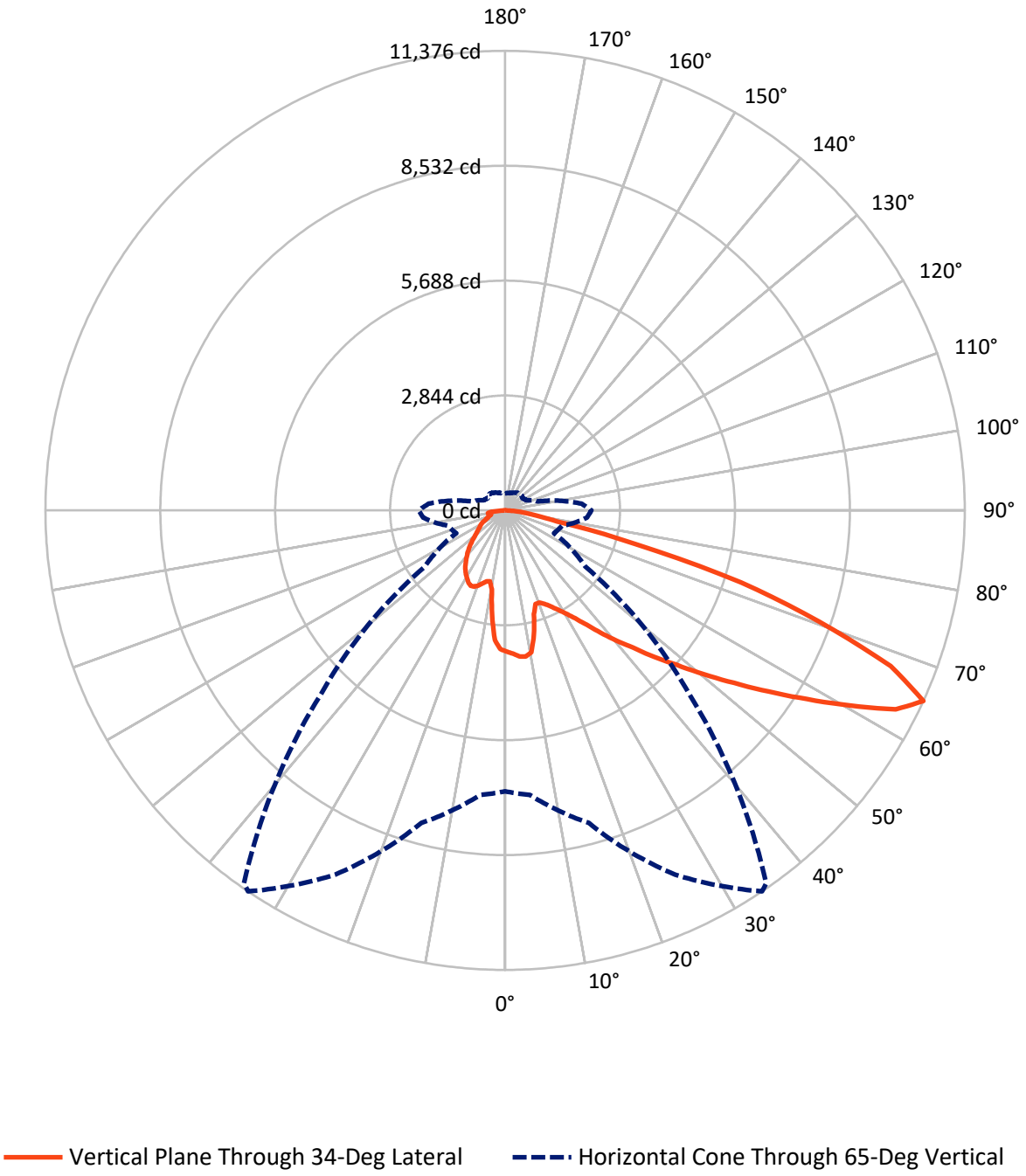
Based on 20 foot mounting height. Maximum calculated value = 9.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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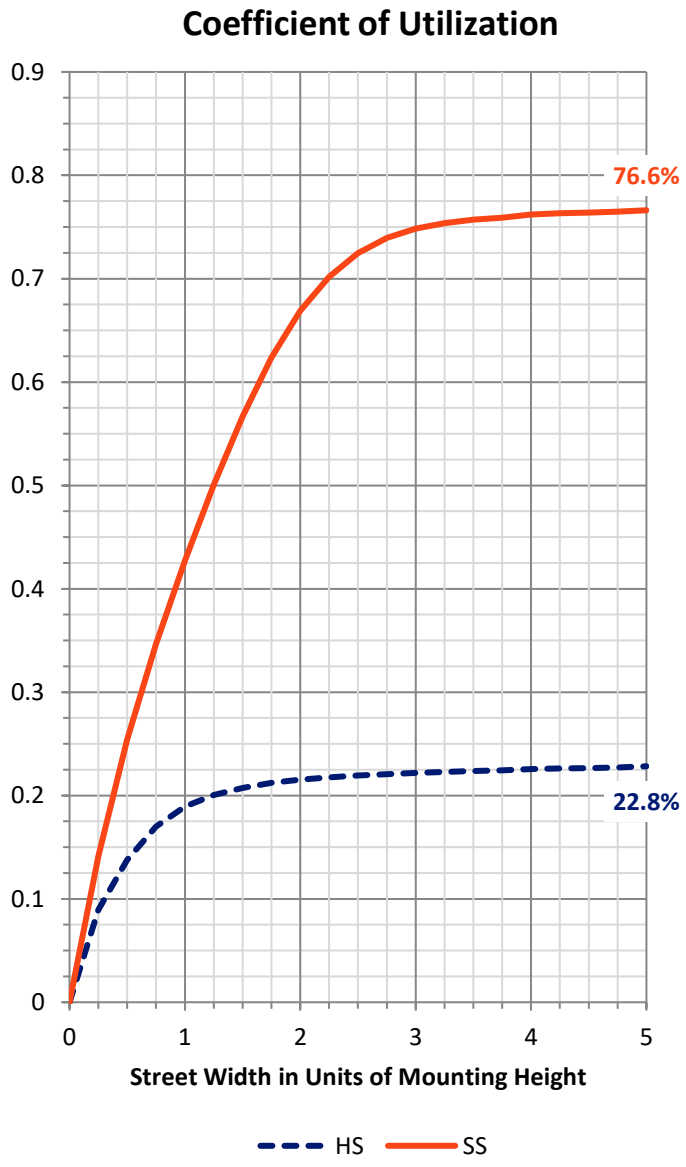
REPORT NUMBER: P1500782
CATALOG NUMBER: GSS-SB3B-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3415.7	0.0	3415.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	11265.6	0.0	11265.6
	% Fixture	76.7	0.0	76.7
Total	Lumens	14681.3	0.0	14681.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	314.7	2.1
10°-20°	792.0	5.4
20°-30°	1312.8	8.9
30°-40°	1974.4	13.4
40°-50°	2766.1	18.8
50°-60°	3487.6	23.8
60°-70°	2999.6	20.4
70°-80°	891.8	6.1
80°-90°	142.3	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°	14681.3	100.0
0°-180°	14681.3	100.0



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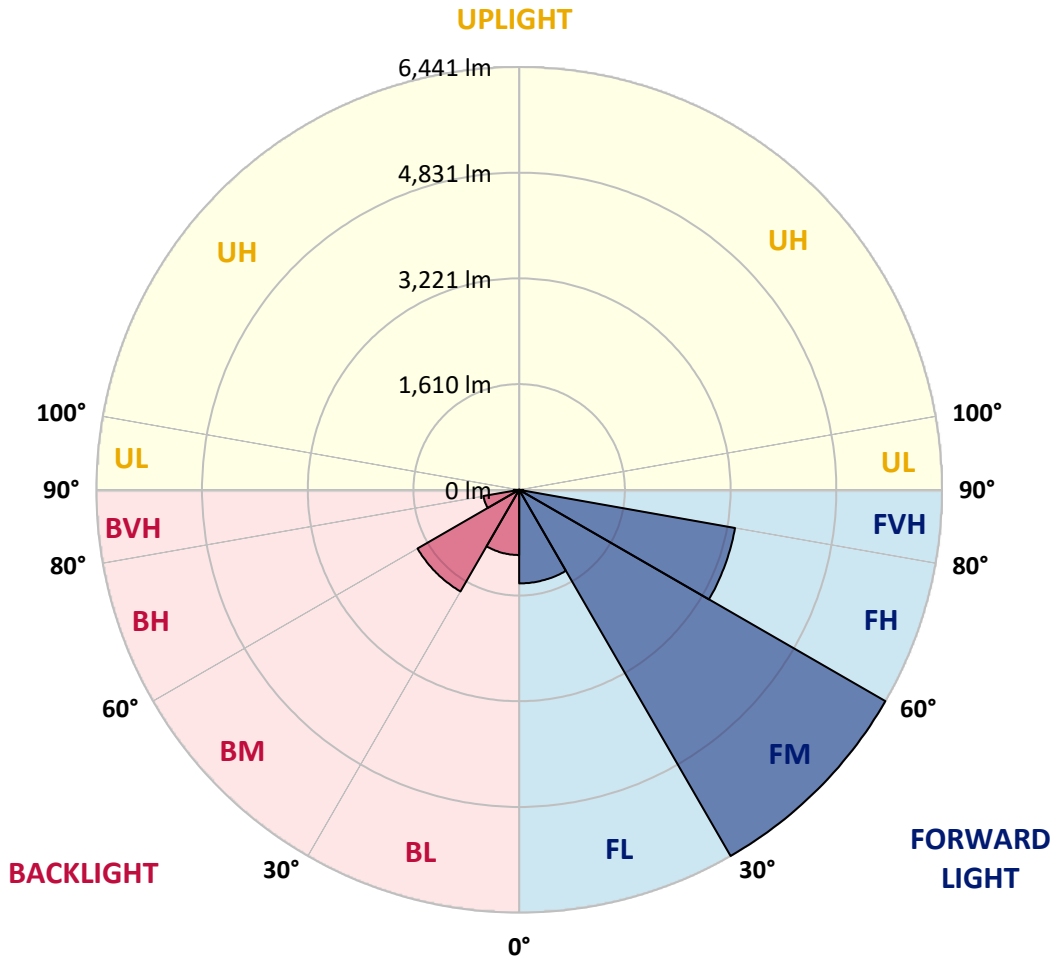
Scaled Data Report

REPORT NUMBER: P1500782
CATALOG NUMBER: GSS-SB3B-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1425.7	9.7			
FM	(30°-60°)	6441.1	43.9			
FH	(60°-80°)	3338.6	22.7			G2/5000
FVH	(80°-90°)	60.2	0.4			G1/100
BL	(0°-30°)	993.8	6.8	B2/1000		
BM	(30°-60°)	1787.0	12.2	B2/2500		
BH	(60°-80°)	552.8	3.8	B2/1000		G2/1000
BVH	(80°-90°)	82.1	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5
2.5°	3557.0	3577.0	3553.7	3543.7	3547.1	3550.4	3533.8	3537.1	3517.1	3517.1	3500.5
5°	3633.5	3636.8	3623.5	3633.5	3630.2	3626.8	3626.8	3623.5	3580.3	3570.3	3553.7
7.5°	3590.3	3603.6	3610.2	3646.8	3656.8	3676.7	3690.0	3696.6	3663.4	3636.8	3593.6
10°	3194.7	3204.6	3281.1	3447.3	3573.6	3596.9	3719.9	3789.7	3766.5	3753.2	3680.0
12.5°	2553.1	2569.7	2656.1	2872.2	3168.1	3231.2	3623.5	3859.5	3912.7	3916.1	3809.7
15°	2277.2	2277.2	2303.8	2426.8	2666.1	2716.0	3294.4	3879.5	4069.0	4092.2	3962.6
17.5°	2220.6	2217.3	2233.9	2307.1	2433.4	2463.3	2915.4	3776.4	4255.1	4295.0	4128.8
20°	2217.3	2207.4	2240.6	2323.7	2433.4	2460.0	2739.2	3596.9	4401.4	4527.7	4295.0
22.5°	2220.6	2220.6	2267.2	2386.9	2513.2	2536.5	2772.5	3447.3	4521.1	4770.4	4471.2
25°	2257.2	2250.6	2317.1	2463.3	2636.2	2652.8	2908.8	3440.7	4624.1	5043.0	4684.0
27.5°	2317.1	2320.4	2410.1	2586.3	2782.5	2815.7	3098.3	3583.6	4750.5	5342.2	4890.1
30°	2443.4	2446.7	2553.1	2732.6	2958.6	3001.9	3317.7	3796.4	4930.0	5664.6	5112.8
32.5°	2586.3	2602.9	2732.6	2942.0	3184.7	3208.0	3586.9	4115.5	5199.2	5987.1	5352.2
35°	2825.7	2842.3	2988.6	3208.0	3477.2	3510.5	3916.1	4484.5	5528.4	6312.9	5538.3
37.5°	3134.8	3148.1	3291.1	3557.0	3842.9	3876.2	4281.7	4876.8	5860.8	6572.2	5704.5
40°	3503.8	3533.8	3686.7	3946.0	4235.2	4255.1	4680.6	5255.8	6219.8	6751.7	5771.0
42.5°	3906.1	3936.0	4092.2	4378.1	4644.1	4703.9	5112.8	5658.0	6512.4	6831.5	5717.8
45°	4421.4	4414.7	4561.0	4860.2	5172.6	5195.9	5574.9	5990.4	6688.5	6765.0	5664.6
47.5°	5046.3	5053.0	5146.1	5388.7	5711.2	5764.4	6056.9	6276.3	6791.6	6711.8	5604.8
50°	5751.1	5767.7	5847.5	6023.7	6369.4	6406.0	6492.4	6475.8	6854.8	6598.8	5628.1
52.5°	6455.8	6465.8	6572.2	6758.4	7094.1	7120.7	6931.2	6628.7	6618.7	6143.4	5578.2
55°	7034.3	7030.9	7220.4	7506.3	7915.2	7898.6	7363.4	6512.4	5880.7	5435.3	5355.5
57.5°	7536.2	7556.2	7802.2	8297.5	8812.8	8799.5	7825.5	5897.4	4803.6	4597.5	4993.1
60°	7988.4	8034.9	8497.0	9238.3	9806.8	9727.0	7908.6	4969.9	3736.5	3600.2	4275.1
62.5°	7792.2	7878.6	8620.0	10066.1	10847.3	10671.1	7396.6	3849.6	2529.8	2406.8	3021.8
65°	6954.5	7070.8	8011.6	9946.4	11375.8	11266.1	6465.8	2420.1	1333.1	1462.7	2034.5
67.5°	5840.8	5980.5	6997.7	8935.8	10292.1	10056.1	5023.1	1273.2	621.6	964.1	1263.2
70°	3201.3	3547.1	5059.6	7599.4	8244.3	7915.2	2905.5	601.7	452.1	601.7	754.6
72.5°	1203.4	1286.5	2194.1	5109.5	6106.8	5701.2	1103.7	388.9	379.0	445.5	545.2
75°	578.4	618.3	954.1	2323.7	3334.3	3108.2	541.9	289.2	325.8	349.1	395.6
77.5°	345.7	372.3	595.1	1349.7	1313.1	1206.7	332.4	222.7	262.6	249.3	232.7
80°	206.1	229.4	362.4	767.9	791.2	701.4	202.8	156.2	182.8	159.6	142.9
82.5°	119.7	129.6	189.5	345.7	502.0	462.1	116.4	93.1	133.0	106.4	79.8
85°	59.8	63.2	86.4	149.6	249.3	189.5	49.9	43.2	63.2	46.5	26.6
87.5°	13.3	13.3	13.3	16.6	23.3	23.3	6.6	3.3	3.3	3.3	3.3
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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Scaled Data Report

REPORT NUMBER: P1500782
CATALOG NUMBER: GSS-SB3B-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5	3490.5
2.5°	3497.2	3503.8	3480.6	3454.0	3447.3	3427.4	3434.0	3420.7	3400.8	3404.1	3407.4
5°	3530.4	3517.1	3470.6	3410.8	3357.6	3297.7	3227.9	3148.1	3091.6	3068.4	3088.3
7.5°	3560.4	3547.1	3467.3	3334.3	3154.8	2905.5	2646.2	2410.1	2247.2	2187.4	2200.7
10°	3643.5	3590.3	3444.0	3154.8	2725.9	2253.9	1991.3	1845.0	1795.1	1768.5	1771.9
12.5°	3753.2	3680.0	3400.8	2842.3	2194.1	1894.9	1801.8	1768.5	1751.9	1745.3	1751.9
15°	3886.1	3773.1	3297.7	2450.0	1948.1	1831.7	1811.8	1815.1	1815.1	1818.4	1818.4
17.5°	4002.5	3826.3	3111.6	2167.5	1898.2	1864.9	1884.9	1901.5	1901.5	1904.8	1901.5
20°	4108.9	3852.9	2872.2	2047.8	1908.2	1924.8	1971.3	1987.9	1991.3	1987.9	1987.9
22.5°	4221.9	3869.5	2632.9	1981.3	1931.4	1981.3	2031.2	2054.4	2061.1	2064.4	2067.7
25°	4331.6	3836.3	2436.7	1928.1	1921.5	1991.3	2047.8	2077.7	2084.4	2084.4	2087.7
27.5°	4441.3	3826.3	2303.8	1858.3	1874.9	1931.4	1997.9	2037.8	2064.4	2067.7	2071.1
30°	4567.6	3796.4	2177.4	1765.2	1771.9	1841.7	1911.5	1981.3	2034.5	2057.8	2057.8
32.5°	4654.1	3766.5	2064.4	1665.5	1665.5	1738.6	1825.1	1911.5	1987.9	2034.5	2044.5
35°	4737.2	3739.9	1964.7	1565.8	1569.1	1638.9	1728.6	1821.7	1918.1	1974.6	2001.2
37.5°	4780.4	3713.3	1894.9	1489.3	1476.0	1549.1	1609.0	1685.4	1788.5	1881.6	1904.8
40°	4790.4	3713.3	1888.2	1436.1	1379.6	1462.7	1489.3	1542.5	1635.6	1735.3	1771.9
42.5°	4723.9	3676.7	1921.5	1402.9	1279.9	1339.7	1369.6	1396.2	1456.1	1539.2	1569.1
45°	4644.1	3626.8	1951.4	1356.3	1156.9	1203.4	1249.9	1253.3	1279.9	1299.8	1319.8
47.5°	4577.6	3573.6	1898.2	1269.9	1030.5	1063.8	1113.6	1113.6	1100.4	1060.5	1047.2
50°	4630.8	3590.3	1808.4	1146.9	914.2	937.5	990.6	960.7	930.8	847.7	837.7
52.5°	4677.3	3653.4	1702.1	1027.2	814.5	837.7	890.9	844.4	784.5	718.1	708.1
55°	4600.9	3656.8	1505.9	894.2	744.6	764.6	814.5	757.9	701.4	661.5	654.9
57.5°	4371.5	3557.0	1299.8	791.2	684.8	704.8	751.3	694.8	641.6	638.3	654.9
60°	3866.2	3208.0	1110.3	724.7	628.3	651.6	698.1	638.3	568.5	538.5	548.5
62.5°	2918.8	2466.6	950.8	648.2	575.1	605.0	638.3	541.9	482.0	468.7	455.4
65°	*2134.2*	*1894.9*	*854.4*	*588.4*	*525.2*	*561.8*	*535.2*	*482.0*	*442.1*	*428.8*	*422.2*
67.5°	1379.6	1286.5	734.7	531.9	478.7	508.6	472.1	445.5	402.2	395.6	405.6
70°	844.4	874.3	615.0	468.7	432.2	425.5	432.2	405.6	359.0	369.0	382.3
72.5°	598.4	644.9	528.6	408.9	369.0	355.7	385.6	369.0	335.8	345.7	359.0
75°	428.8	478.7	435.5	335.8	312.5	305.8	359.0	369.0	345.7	352.4	362.4
77.5°	252.6	305.8	309.2	259.3	236.0	272.6	382.3	425.5	408.9	388.9	379.0
80°	162.9	182.8	219.4	166.2	166.2	236.0	418.9	518.6	445.5	395.6	388.9
82.5°	83.1	96.4	142.9	106.4	99.7	176.2	412.2	495.3	492.0	438.8	428.8
85°	23.3	29.9	66.5	46.5	39.9	93.1	309.2	372.3	332.4	242.7	246.0
87.5°	3.3	3.3	0.0	0.0	3.3	13.3	36.6	6.6	6.6	6.6	6.6
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: SP1-2407-184-10

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

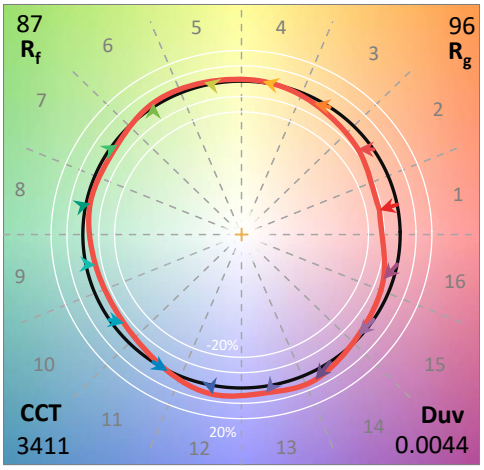
Test Information

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

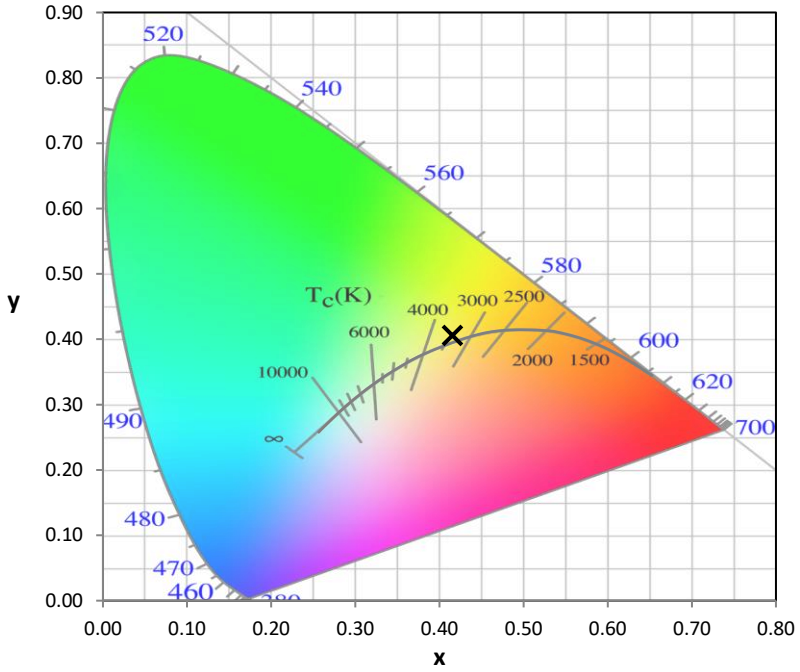
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

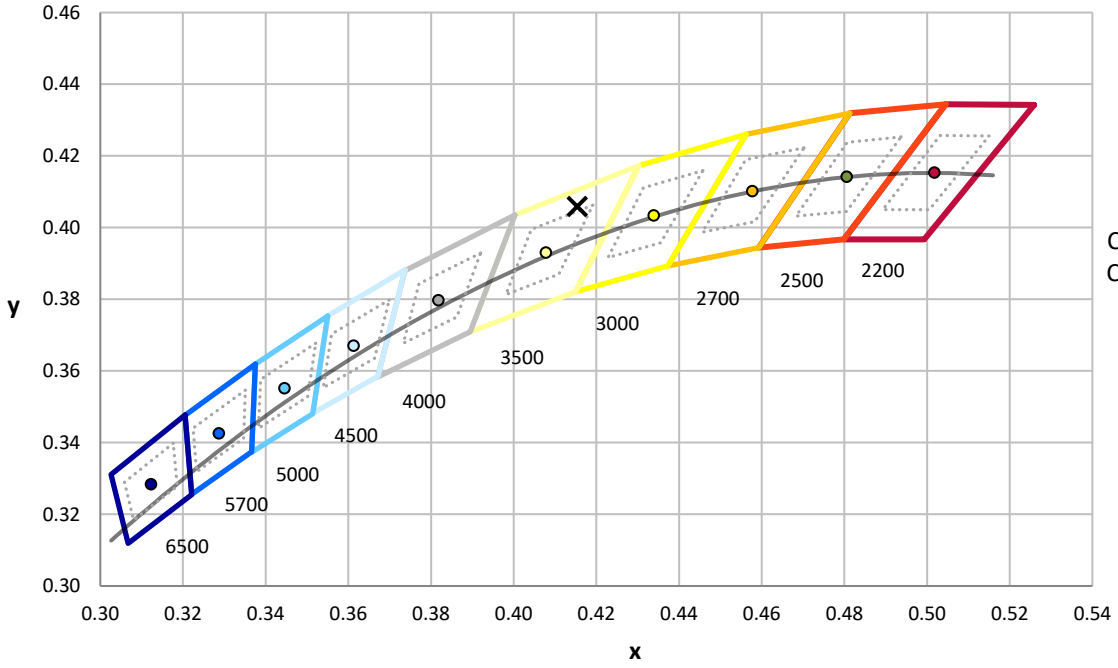
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

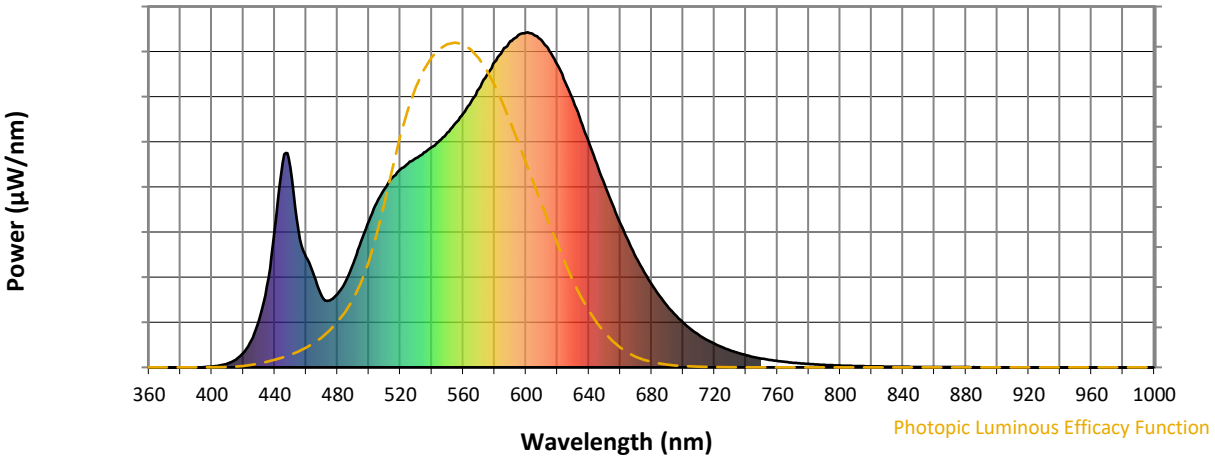


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

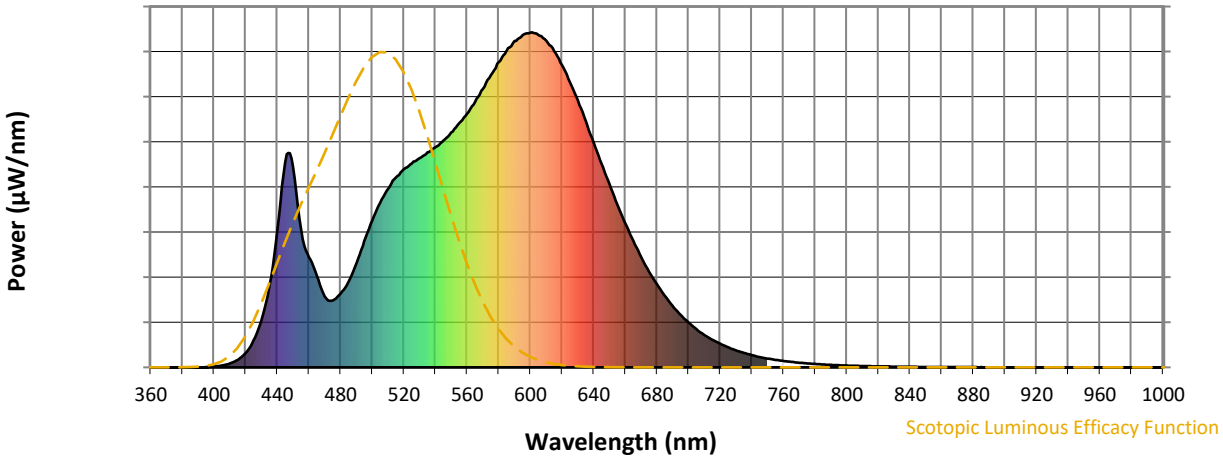


Photopic Lumens: NR

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

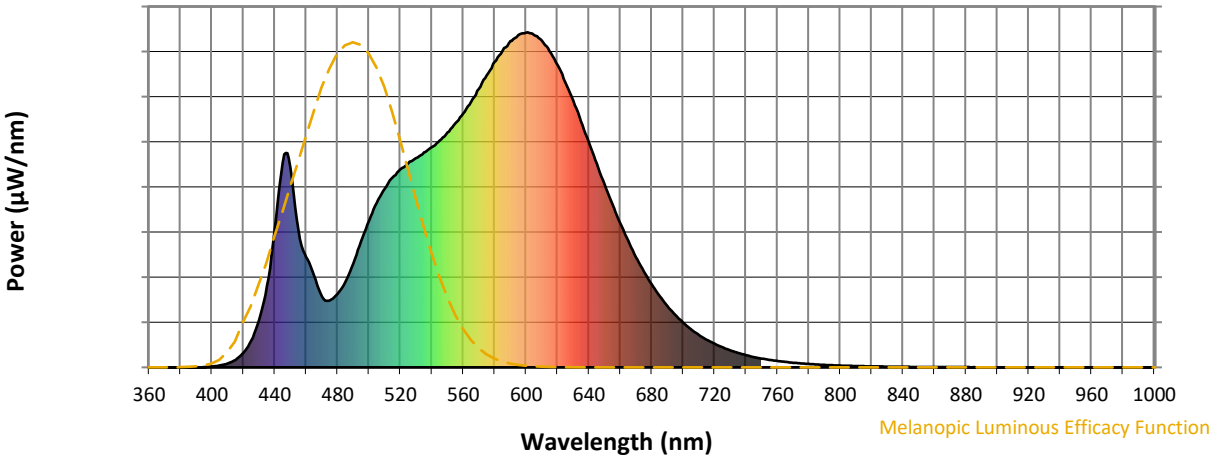


Scotopic Lumens: NR **S/P: 1.48**

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			

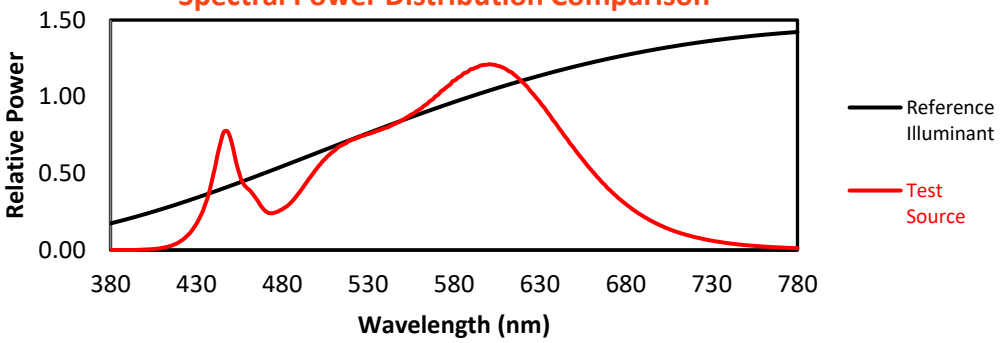
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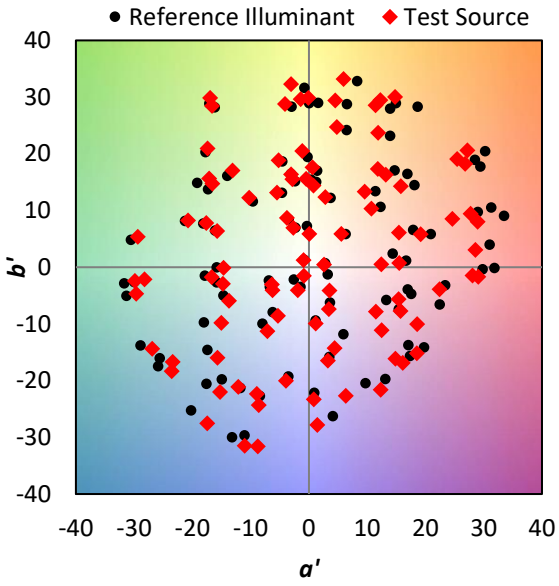
Summary

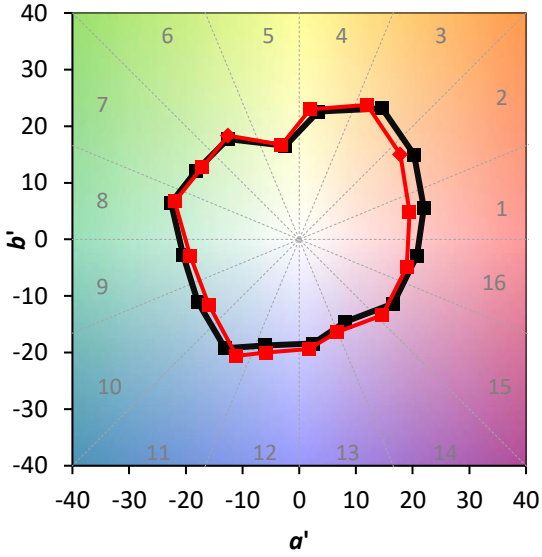
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

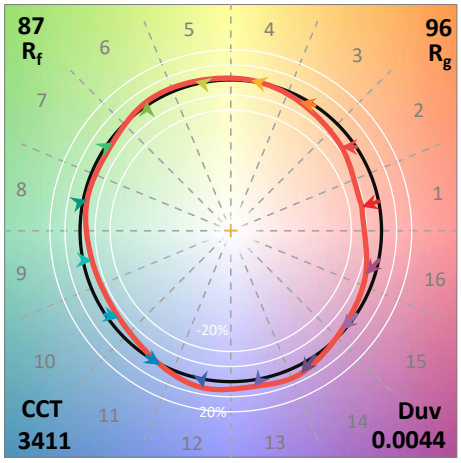
Spectral Power Distribution Comparison

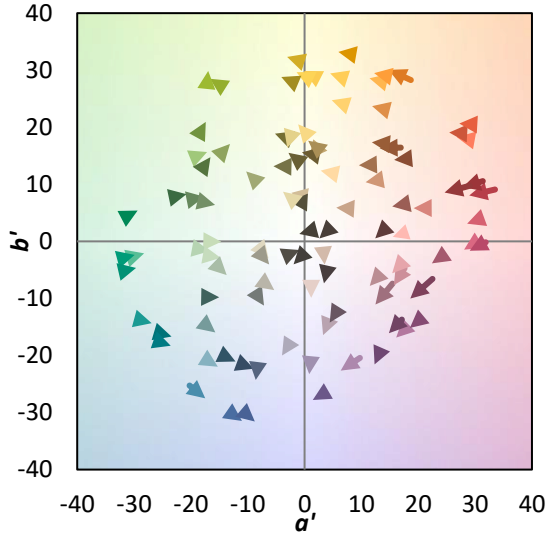


Color Vector Graphics







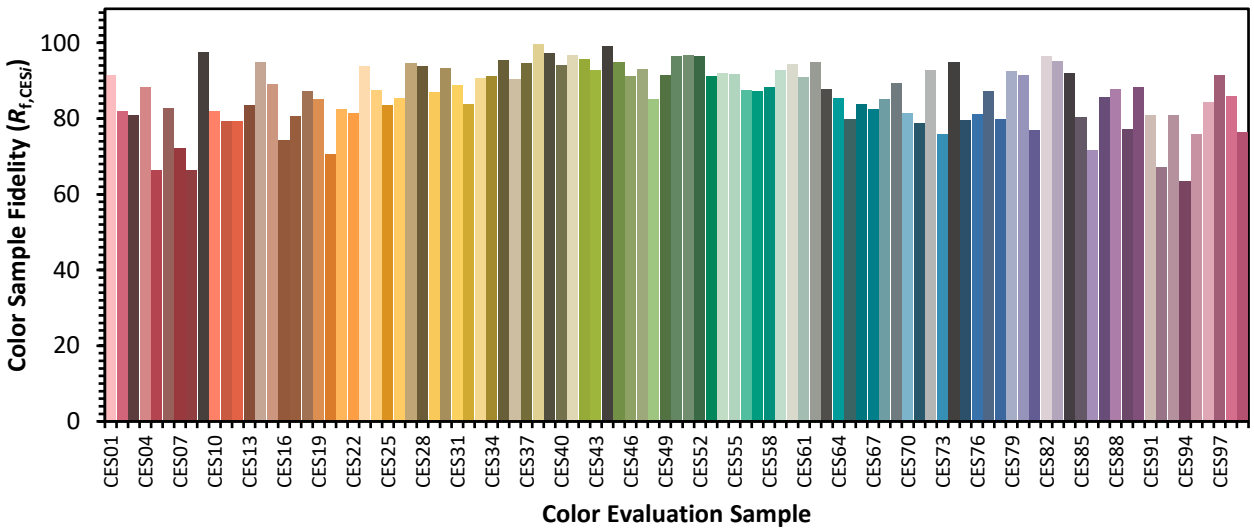


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Individual Sample Fidelity Index ($R_{f,i}$)

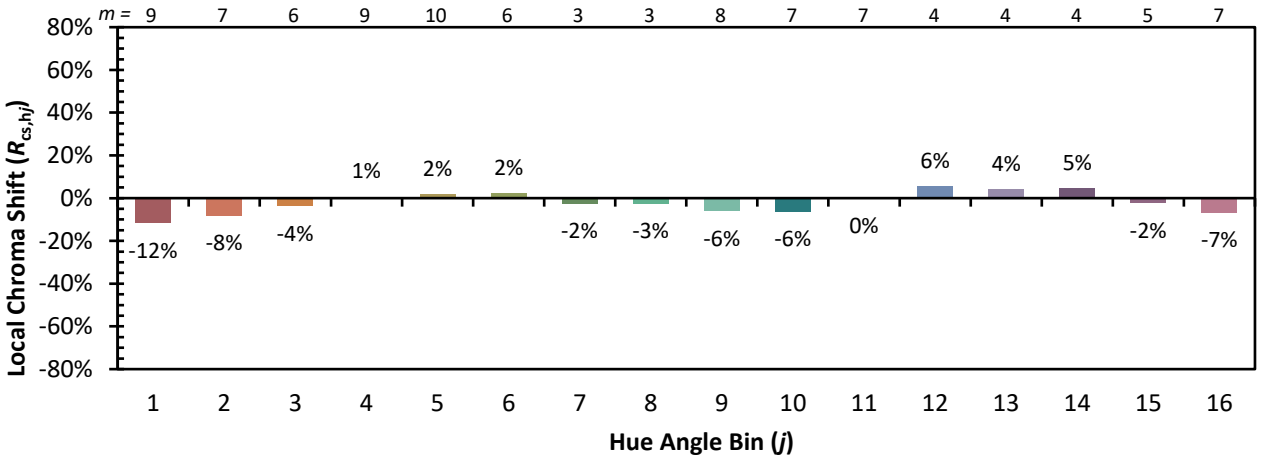
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

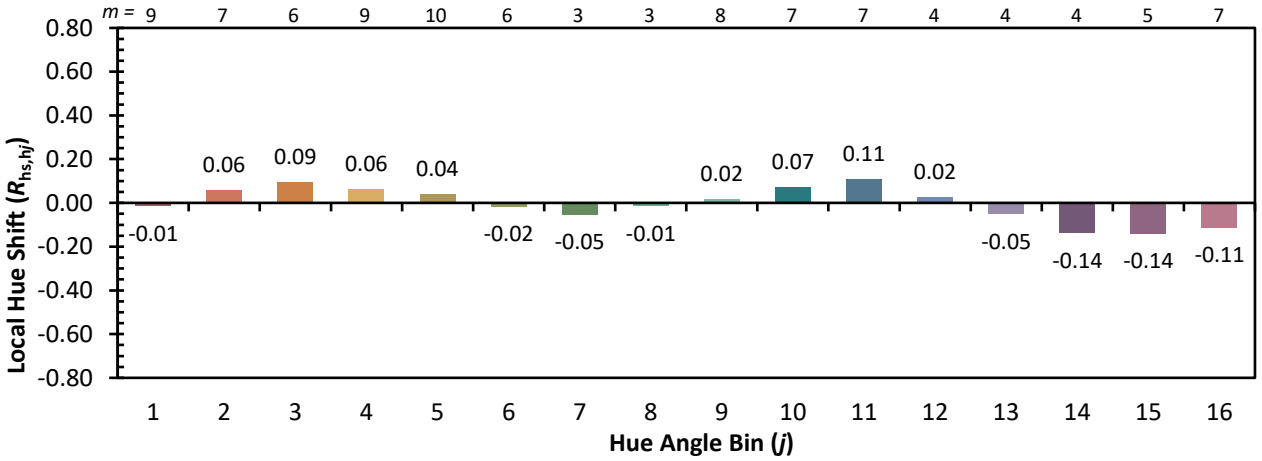


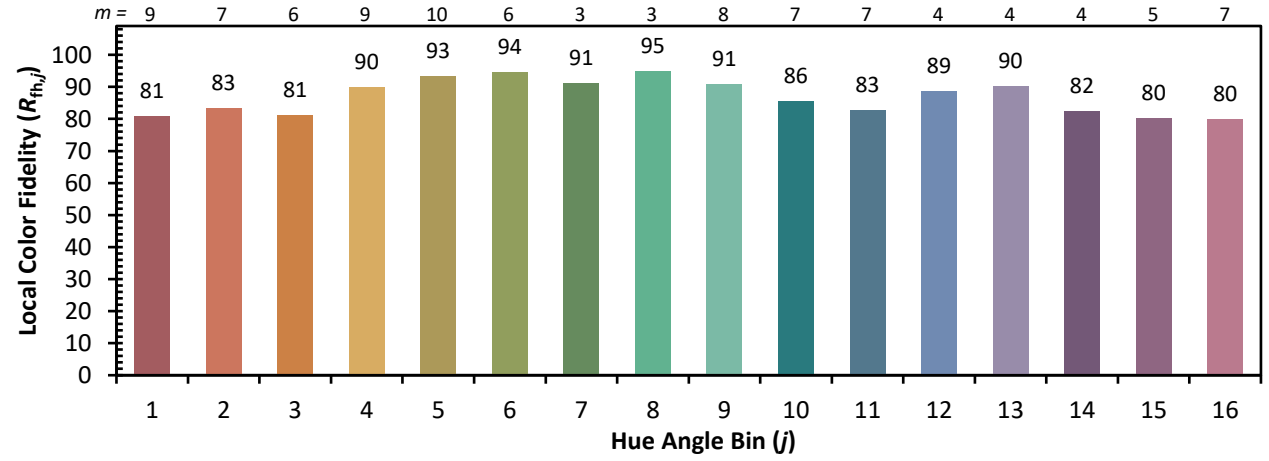
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Color Rendition by Hue-Angle Bin



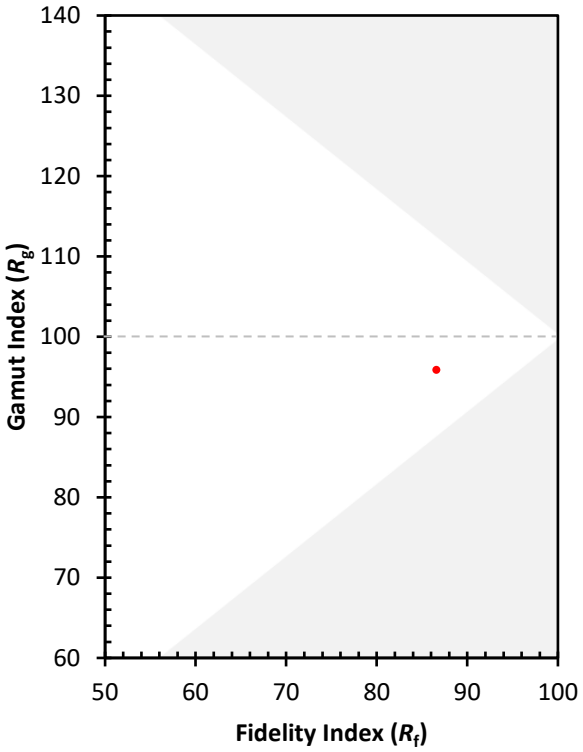


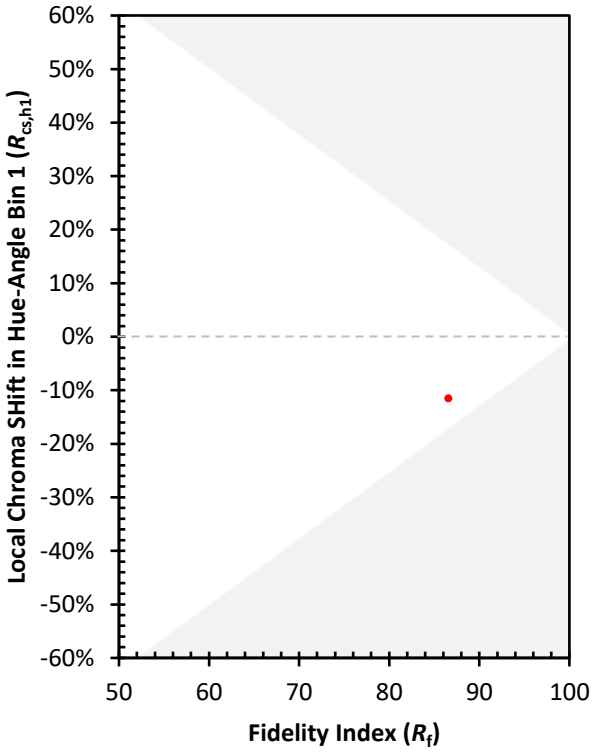


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Measure Comparisons





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