Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1500786

Luminaire Tested: GSS-SB4B-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:	P1500786
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 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:	20410.3 lumens
Efficiency:	N/A
Efficacy:	137.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

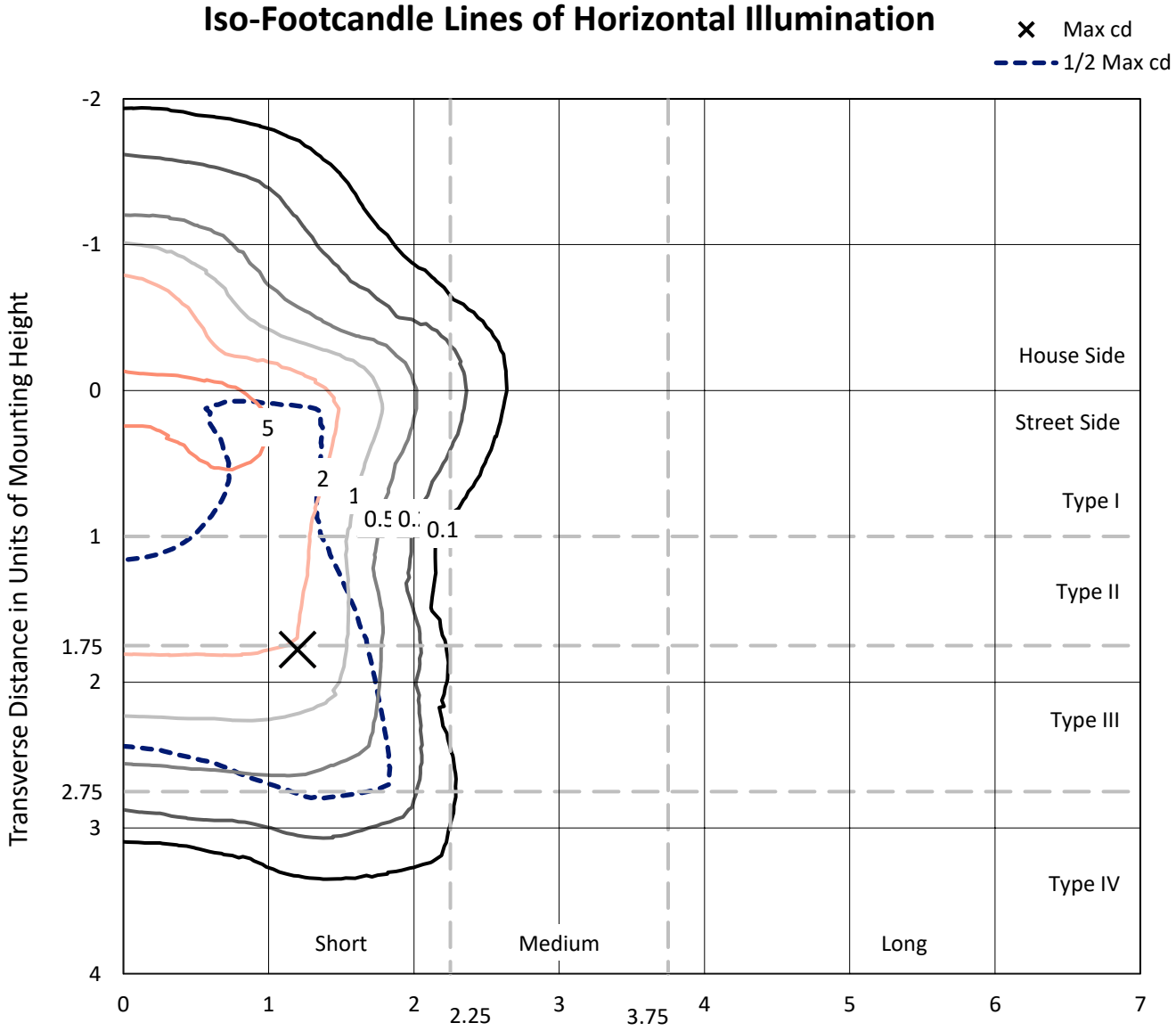
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500786
CATALOG NUMBER: GSS-SB4B-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



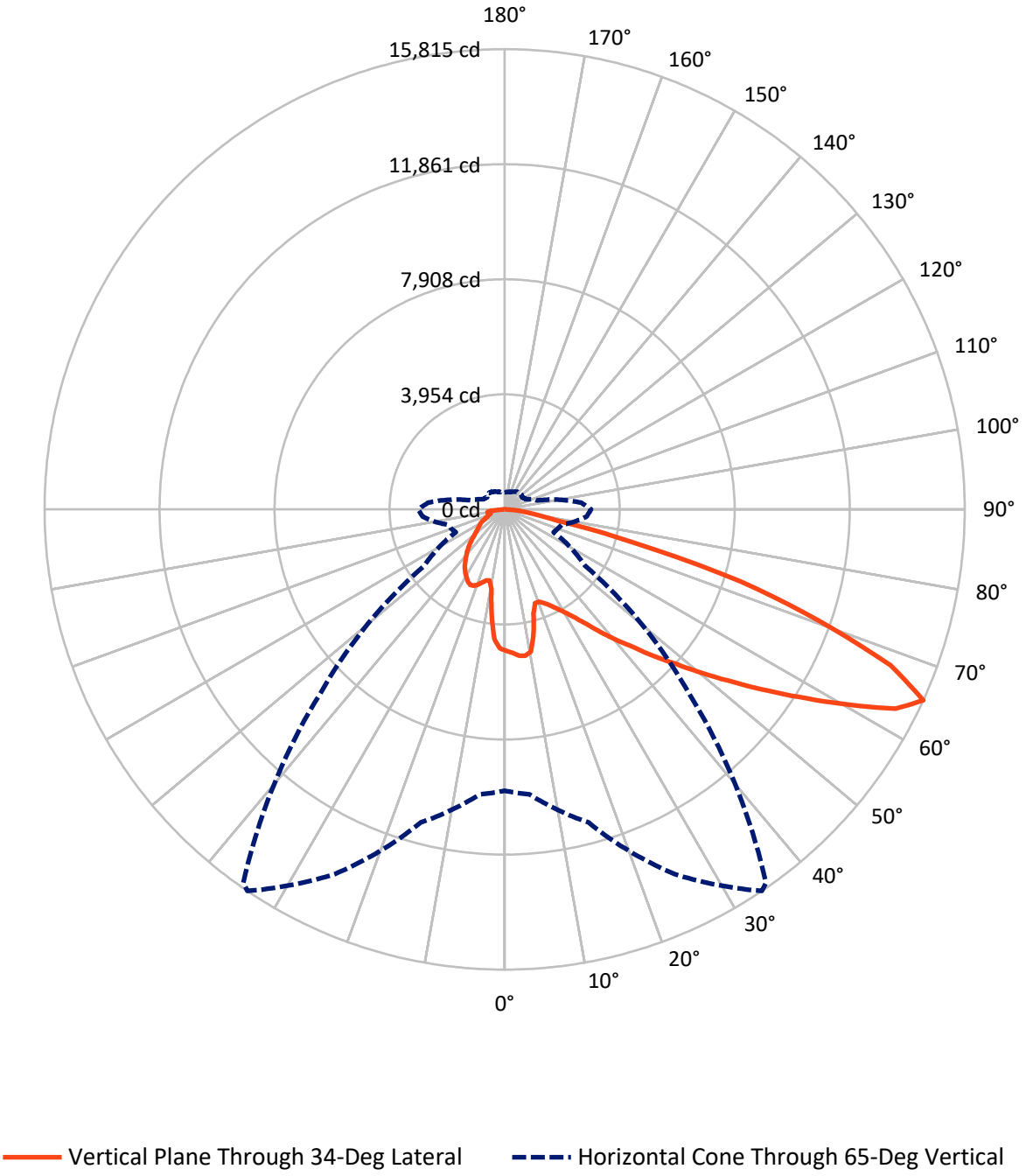
Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1500786
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Luminous Intensity Polar Plot



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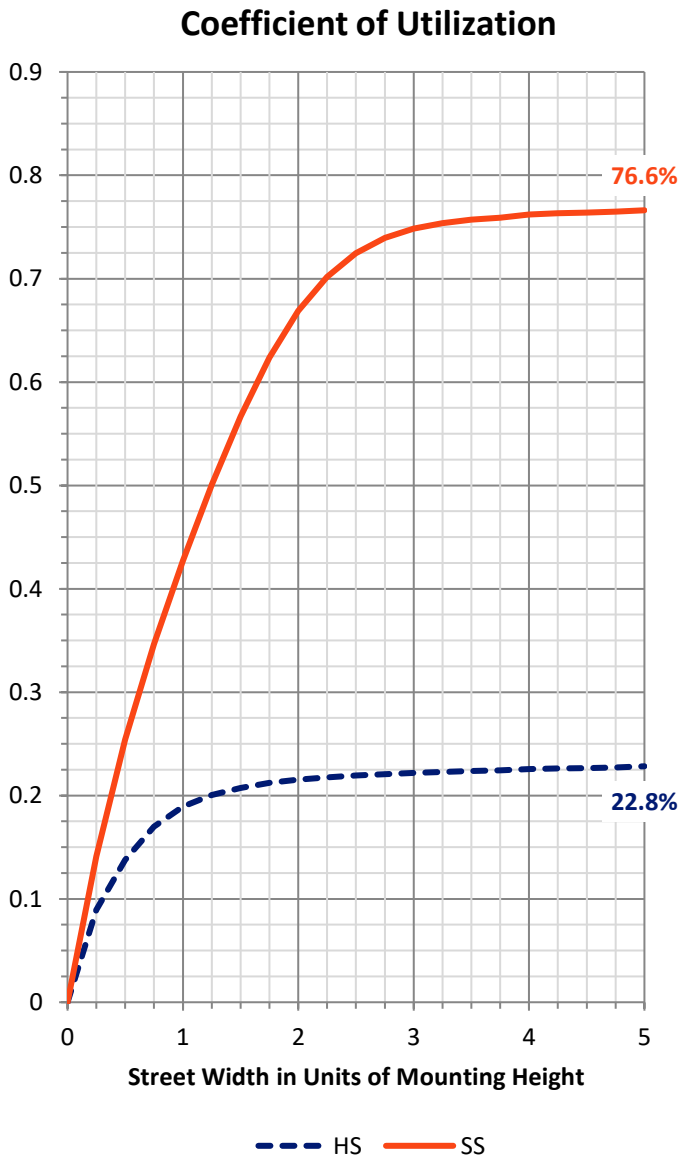
REPORT NUMBER: P1500786
CATALOG NUMBER: GSS-SB4B-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4748.6	0.0	4748.6
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	15661.8	0.0	15661.8
	% Fixture	76.7	0.0	76.7
Total	Lumens	20410.3	0.0	20410.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.5	2.1
10°-20°	1101.1	5.4
20°-30°	1825.1	8.9
30°-40°	2744.9	13.4
40°-50°	3845.5	18.8
50°-60°	4848.5	23.8
60°-70°	4170.1	20.4
70°-80°	1239.8	6.1
80°-90°	197.8	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°	20410.3	100.0
0°-180°	20410.3	100.0



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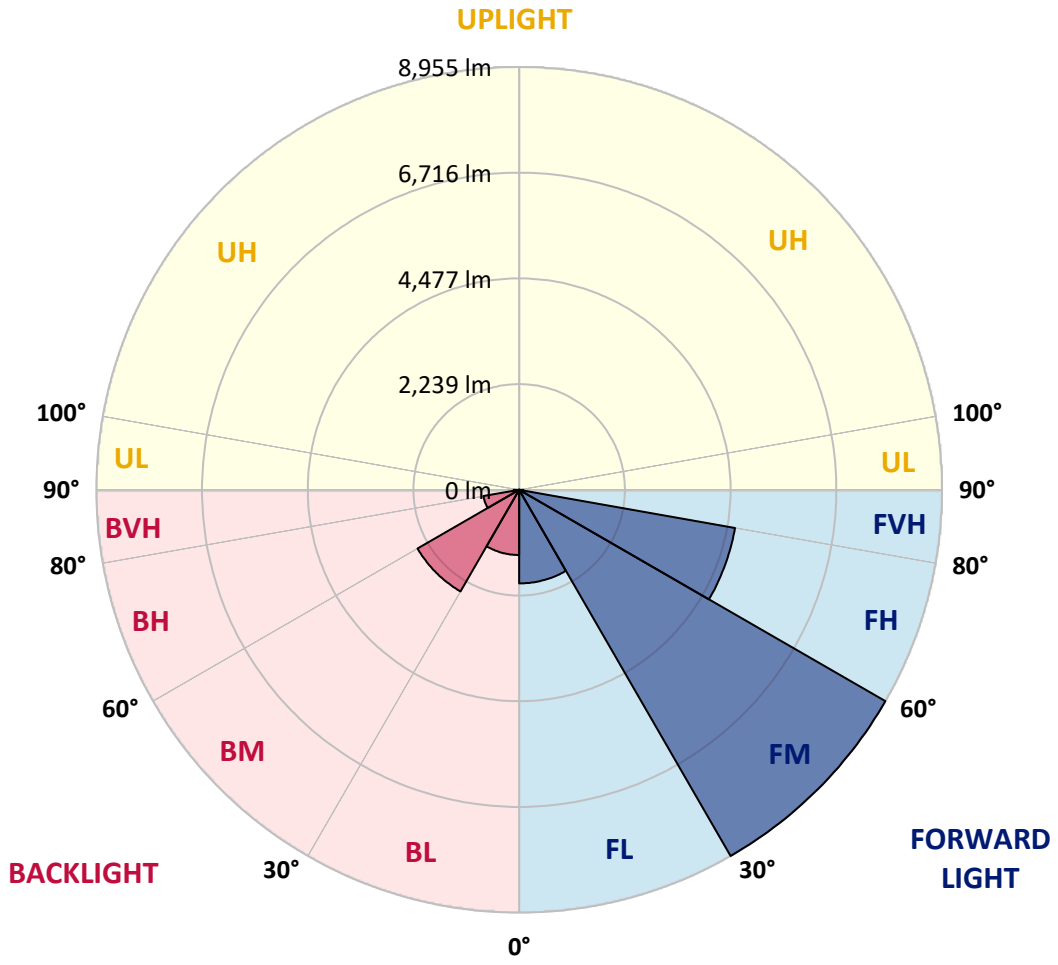
Scaled Data Report

REPORT NUMBER: P1500786
CATALOG NUMBER: GSS-SB4B-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1982.0	9.7			
FM	(30°-60°)	8954.6	43.9			
FH	(60°-80°)	4641.4	22.7			G2/5000
FVH	(80°-90°)	83.7	0.4			G1/100
BL	(0°-30°)	1381.6	6.8	B3/2500		
BM	(30°-60°)	2484.3	12.2	B2/2500		
BH	(60°-80°)	768.5	3.8	B2/1000		G2/1000
BVH	(80°-90°)	114.1	0.6			G2/225
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°	4852.6	4852.6	4852.6	4852.6	*4852.6*	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6
2.5°	4945.1	4972.8	4940.5	4926.6	*4931.2*	4935.8	4912.7	4917.3	4889.6	4889.6	4866.5
5°	5051.4	5056.0	5037.5	5051.4	*5046.8*	5042.1	5042.1	5037.5	4977.4	4963.6	4940.5
7.5°	4991.3	5009.8	5019.0	5069.9	*5083.7*	5111.5	5129.9	5139.2	5093.0	5056.0	4995.9
10°	4441.3	4455.2	4561.5	4792.6	*4968.2*	5000.5	5171.5	5268.6	5236.2	5217.7	5116.1
12.5°	3549.4	3572.5	3692.6	3993.0	*4404.4*	4492.2	5037.5	5365.6	5439.6	5444.2	5296.3
15°	3165.8	3165.8	3202.7	3373.7	*3706.5*	3775.8	4580.0	5393.4	5656.8	5689.1	5508.9
17.5°	3087.2	3082.6	3105.7	3207.4	*3383.0*	3424.6	4053.1	5250.1	5915.6	5971.1	5740.0
20°	3082.6	3068.7	3114.9	3230.5	*3383.0*	3420.0	3808.2	5000.5	6119.0	6294.6	5971.1
22.5°	3087.2	3087.2	3151.9	3318.3	*3493.9*	3526.3	3854.4	4792.6	6285.3	6631.9	6216.0
25°	3138.0	3128.8	3221.2	3424.6	*3664.9*	3688.0	4043.9	4783.3	6428.6	7010.9	6511.8
27.5°	3221.2	3225.9	3350.6	3595.6	*3868.3*	3914.5	4307.3	4982.0	6604.2	7426.9	6798.3
30°	3396.9	3401.5	3549.4	3798.9	*4113.2*	4173.3	4612.3	5277.8	6853.8	7875.2	7108.0
32.5°	3595.6	3618.7	3798.9	4090.1	*4427.5*	4459.8	4986.7	5721.5	7228.1	8323.4	7440.7
35°	3928.3	3951.4	4154.8	4459.8	*4834.2*	4880.4	5444.2	6234.5	7685.7	8776.4	7699.5
37.5°	4358.1	4376.6	4575.4	4945.1	*5342.5*	5388.7	5952.6	6779.8	8147.8	9136.8	7930.6
40°	4871.1	4912.7	5125.3	5485.8	*5887.9*	5915.6	6507.2	7306.7	8647.0	9386.4	8023.0
42.5°	5430.3	5471.9	5689.1	6086.6	*6456.3*	6539.5	7108.0	7865.9	9053.7	9497.3	7949.1
45°	6146.7	6137.4	6340.8	6756.7	*7191.2*	7223.5	7750.4	8328.1	9298.6	9404.9	7875.2
47.5°	7015.5	7024.8	7154.2	7491.6	*7939.9*	8013.8	8420.5	8725.5	9441.9	9330.9	7792.0
50°	7995.3	8018.4	8129.3	8374.3	*8854.9*	8905.8	9025.9	9002.8	9529.7	9173.8	7824.3
52.5°	8975.1	8988.9	9136.8	9395.6	*9862.4*	9899.4	9636.0	9215.4	9201.5	8540.7	7755.0
55°	9779.2	9774.6	10038.0	10435.5	*11004.0*	10980.8	10236.8	9053.7	8175.6	7556.3	7445.3
57.5°	10477.1	10504.8	10846.8	11535.4	*12251.8*	12233.3	10879.2	8198.7	6678.2	6391.6	6941.6
60°	11105.6	11170.3	11812.7	12843.3	*13633.6*	13522.7	10994.7	6909.2	5194.6	5005.2	5943.3
62.5°	10833.0	10953.1	11983.7	13994.1	*15080.2*	14835.2	10283.0	5351.8	3517.0	3346.0	4201.0
65°	*9668.3*	*9830.1*	*11138.0*	*13827.7*	*15815.0*	*15662.5*	*8988.9*	*3364.5*	*1853.2*	*2033.5*	*2828.4*
67.5°	8120.1	8314.2	9728.4	12422.8	*14308.4*	13980.2	6983.2	1770.1	864.2	1340.3	1756.2
70°	4450.6	4931.2	7034.0	10564.9	*11461.5*	11004.0	4039.2	836.5	628.5	836.5	1049.1
72.5°	1673.0	1788.5	3050.2	7103.3	*8489.8*	7926.0	1534.4	540.7	526.9	619.3	757.9
75°	804.2	859.6	1326.4	3230.5	*4635.4*	4321.2	753.3	402.1	452.9	485.3	550.0
77.5°	480.6	517.6	827.3	1876.4	*1825.5*	1677.6	462.2	309.6	365.1	346.6	323.5
80°	286.5	318.9	503.8	1067.6	*1099.9*	975.2	281.9	217.2	254.2	221.8	198.7
82.5°	166.4	180.2	263.4	480.6	*697.9*	642.4	161.8	129.4	184.9	147.9	110.9
85°	83.2	87.8	120.2	208.0	*346.6*	263.4	69.3	60.1	87.8	64.7	37.0
87.5°	18.5	18.5	18.5	23.1	*32.4*	32.4	9.2	4.6	4.6	4.6	4.6
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: P1500786
CATALOG NUMBER: GSS-SB4B-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6	4852.6
2.5°	4861.9	4871.1	4838.8	4801.8	4792.6	4764.8	4774.1	4755.6	4727.9	4732.5	4737.1
5°	4908.1	4889.6	4824.9	4741.7	4667.8	4584.6	4487.5	4376.6	4298.1	4265.7	4293.4
7.5°	4949.7	4931.2	4820.3	4635.4	4385.9	4039.2	3678.8	3350.6	3124.2	3041.0	3059.5
10°	5065.2	4991.3	4787.9	4385.9	3789.7	3133.4	2768.3	2565.0	2495.6	2458.7	2463.3
12.5°	5217.7	5116.1	4727.9	3951.4	3050.2	2634.3	2504.9	2458.7	2435.6	2426.3	2435.6
15°	5402.6	5245.5	4584.6	3406.1	2708.2	2546.5	2518.8	2523.4	2523.4	2528.0	2528.0
17.5°	5564.4	5319.4	4325.8	3013.3	2638.9	2592.7	2620.4	2643.5	2643.5	2648.2	2643.5
20°	5712.3	5356.4	3993.0	2846.9	2652.8	2675.9	2740.6	2763.7	2768.3	2763.7	2763.7
22.5°	5869.4	5379.5	3660.3	2754.5	2685.1	2754.5	2823.8	2856.1	2865.4	2870.0	2874.6
25°	6021.9	5333.3	3387.6	2680.5	2671.3	2768.3	2846.9	2888.5	2897.7	2897.7	2902.3
27.5°	6174.4	5319.4	3202.7	2583.5	2606.6	2685.1	2777.6	2833.0	2870.0	2874.6	2879.2
30°	6350.0	5277.8	3027.1	2454.1	2463.3	2560.3	2657.4	2754.5	2828.4	2860.8	2860.8
32.5°	6470.2	5236.2	2870.0	2315.4	2315.4	2417.1	2537.2	2657.4	2763.7	2828.4	2842.3
35°	6585.7	5199.3	2731.3	2176.8	2181.4	2278.4	2403.2	2532.6	2666.6	2745.2	2782.2
37.5°	6645.8	5162.3	2634.3	2070.5	2052.0	2153.7	2236.8	2343.1	2486.4	2615.8	2648.2
40°	6659.7	5162.3	2625.1	1996.5	1918.0	2033.5	2070.5	2144.4	2273.8	2412.5	2463.3
42.5°	6567.2	5111.5	2671.3	1950.3	1779.3	1862.5	1904.1	1941.1	2024.2	2139.8	2181.4
45°	6456.3	5042.1	2712.9	1885.6	1608.3	1673.0	1737.7	1742.3	1779.3	1807.0	1834.8
47.5°	6363.9	4968.2	2638.9	1765.4	1432.7	1478.9	1548.2	1548.2	1529.7	1474.3	1455.8
50°	6437.8	4991.3	2514.1	1594.4	1270.9	1303.3	1377.2	1335.6	1294.0	1178.5	1164.6
52.5°	6502.5	5079.1	2366.2	1428.1	1132.3	1164.6	1238.6	1173.9	1090.7	998.3	984.4
55°	6396.2	5083.7	2093.6	1243.2	1035.2	1063.0	1132.3	1053.7	975.2	919.7	910.4
57.5°	6077.4	4945.1	1807.0	1099.9	952.0	979.8	1044.5	965.9	892.0	887.3	910.4
60°	5374.9	4459.8	1543.6	1007.5	873.5	905.8	970.5	887.3	790.3	748.7	762.6
62.5°	4057.7	3429.2	1321.8	901.2	799.5	841.1	887.3	753.3	670.1	651.6	633.2
65°	*2967.0*	*2634.3*	*1187.7*	*818.0*	*730.2*	*781.0*	*744.1*	*670.1*	*614.7*	*596.2*	*586.9*
67.5°	1918.0	1788.5	1021.4	739.5	665.5	707.1	656.3	619.3	559.2	550.0	563.8
70°	1173.9	1215.5	855.0	651.6	600.8	591.6	600.8	563.8	499.1	513.0	531.5
72.5°	831.9	896.6	734.8	568.5	513.0	494.5	536.1	513.0	466.8	480.6	499.1
75°	596.2	665.5	605.4	466.8	434.4	425.2	499.1	513.0	480.6	489.9	503.8
77.5°	351.2	425.2	429.8	360.5	328.1	379.0	531.5	591.6	568.5	540.7	526.9
80°	226.5	254.2	305.0	231.1	231.1	328.1	582.3	721.0	619.3	550.0	540.7
82.5°	115.5	134.0	198.7	147.9	138.6	244.9	573.1	688.6	684.0	610.0	596.2
85°	32.4	41.6	92.4	64.7	55.5	129.4	429.8	517.6	462.2	337.4	342.0
87.5°	4.6	4.6	0.0	0.0	4.6	18.5	50.8	9.2	9.2	9.2	9.2
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

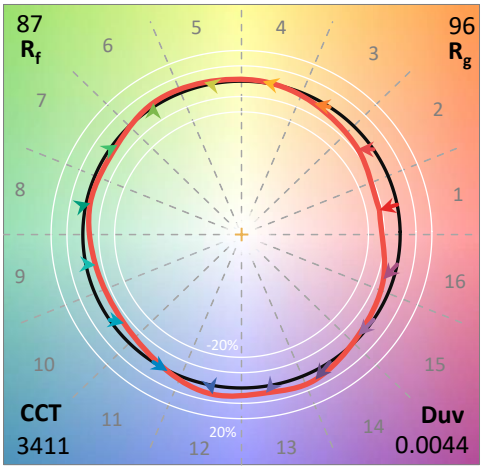
Test Information

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

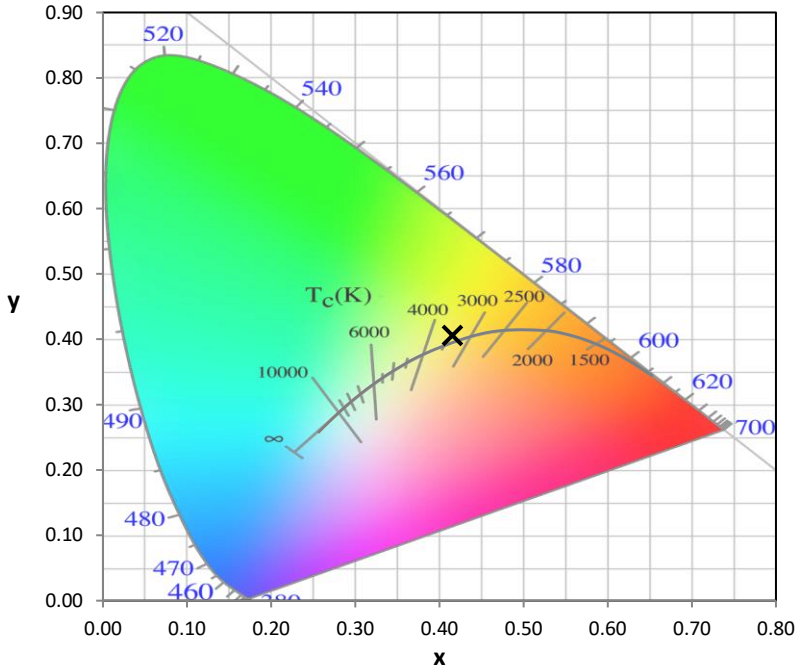
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

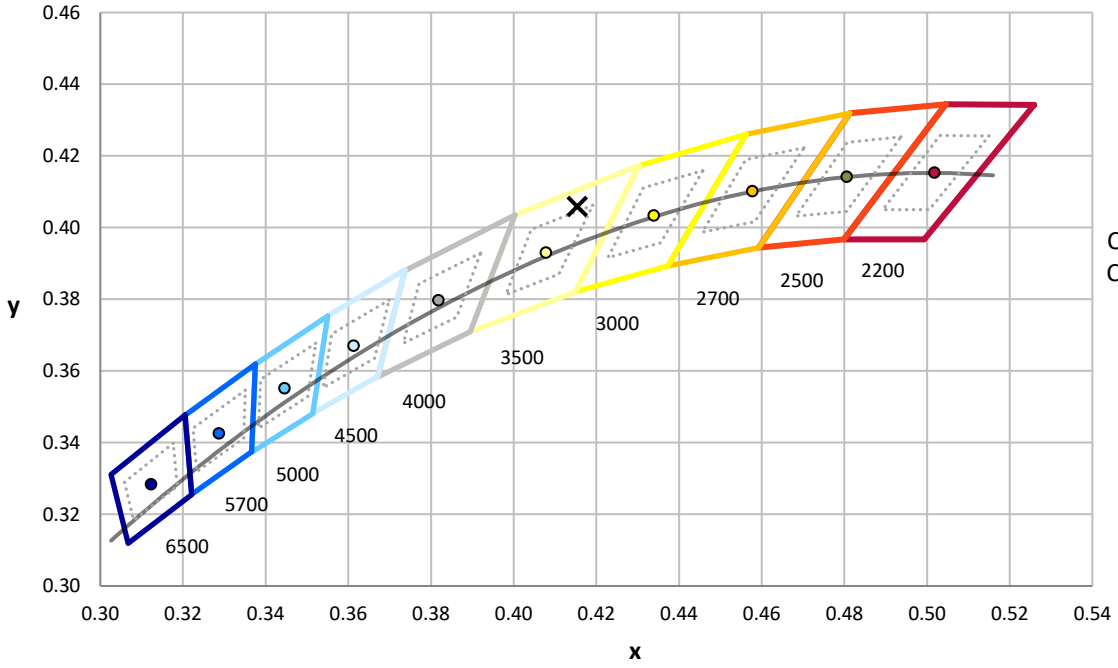
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

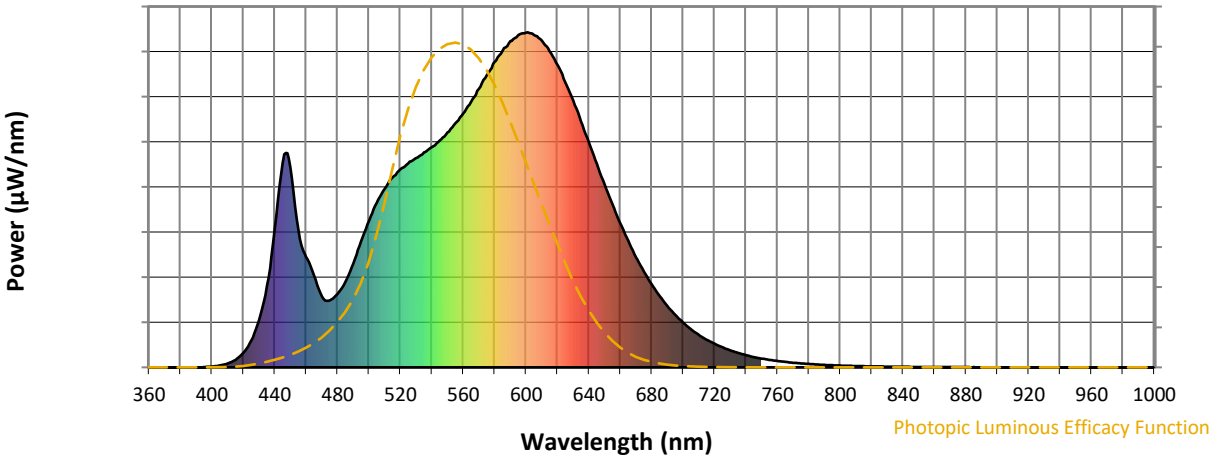


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

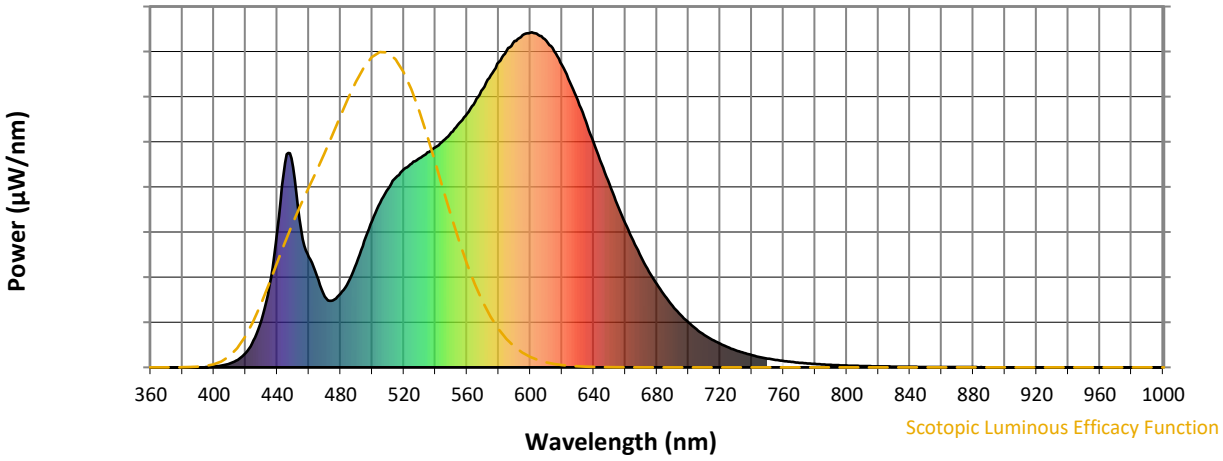


Photopic Lumens: NR

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

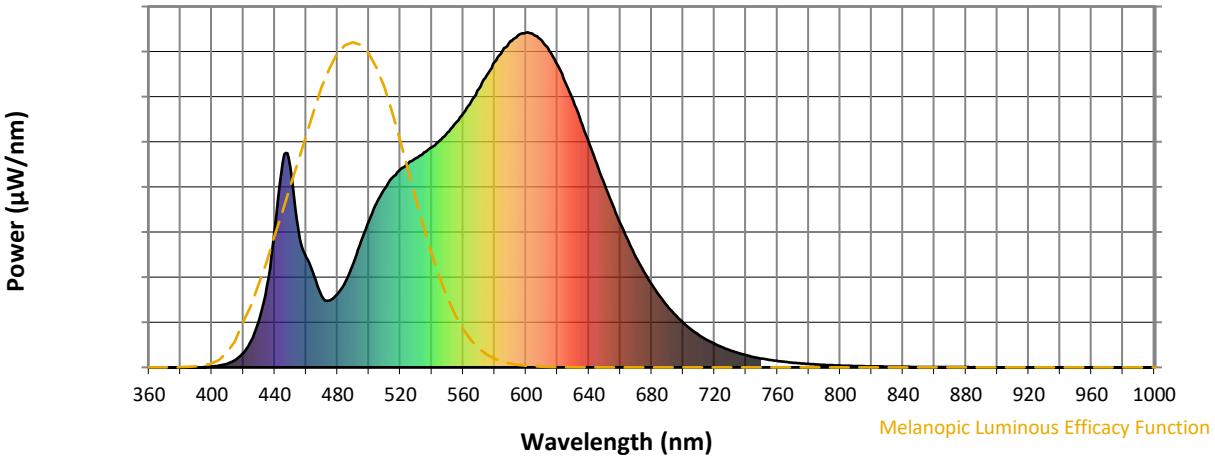


Scotopic Lumens: NR **S/P: 1.48**

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			

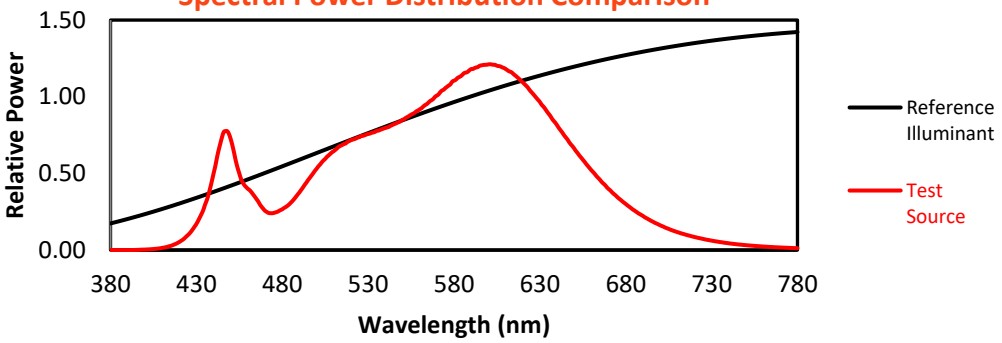
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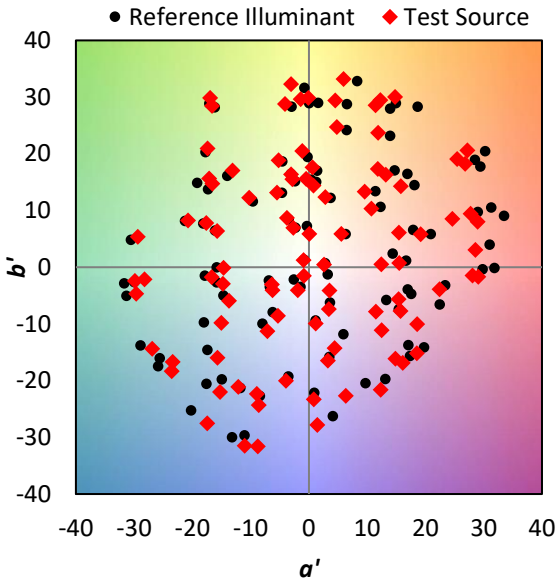
Summary

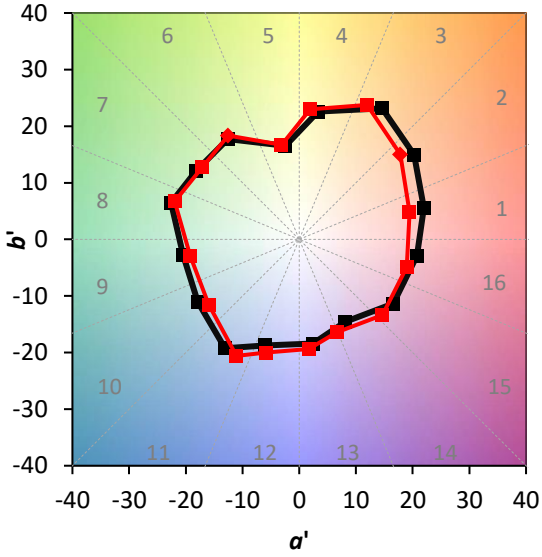
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

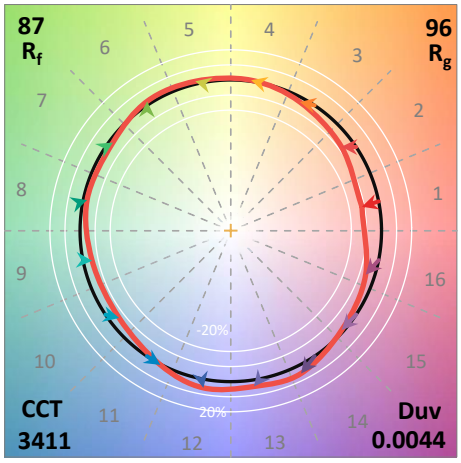
Spectral Power Distribution Comparison

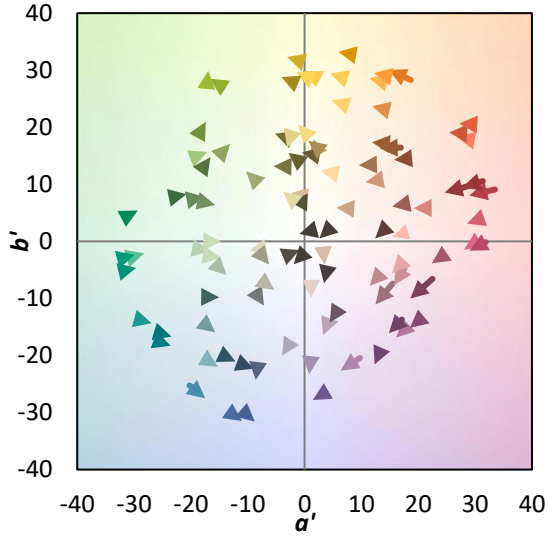


Color Vector Graphics







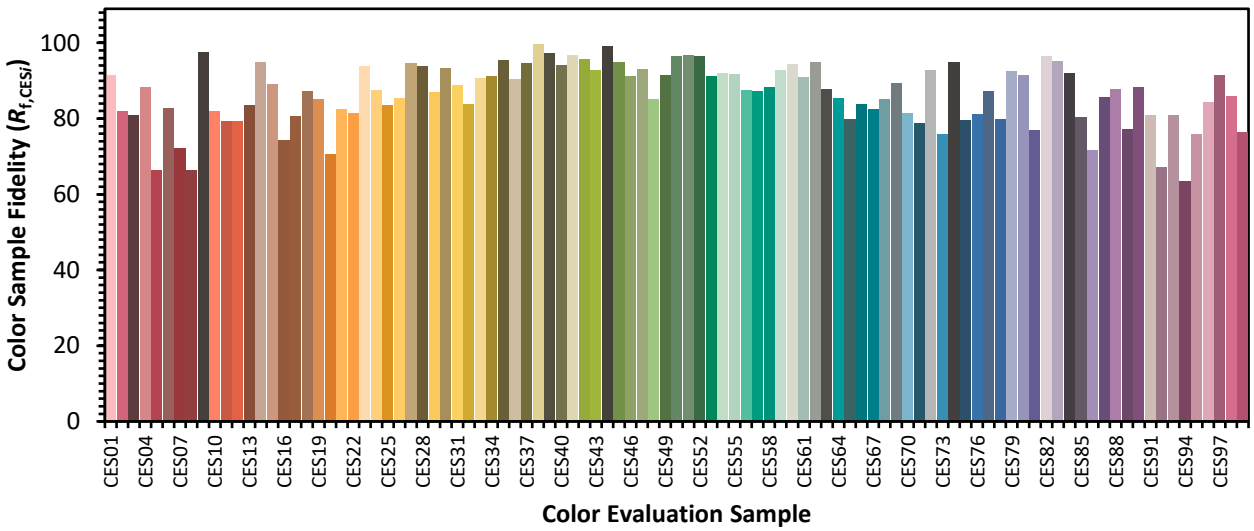


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Individual Sample Fidelity Index ($R_{f,i}$)

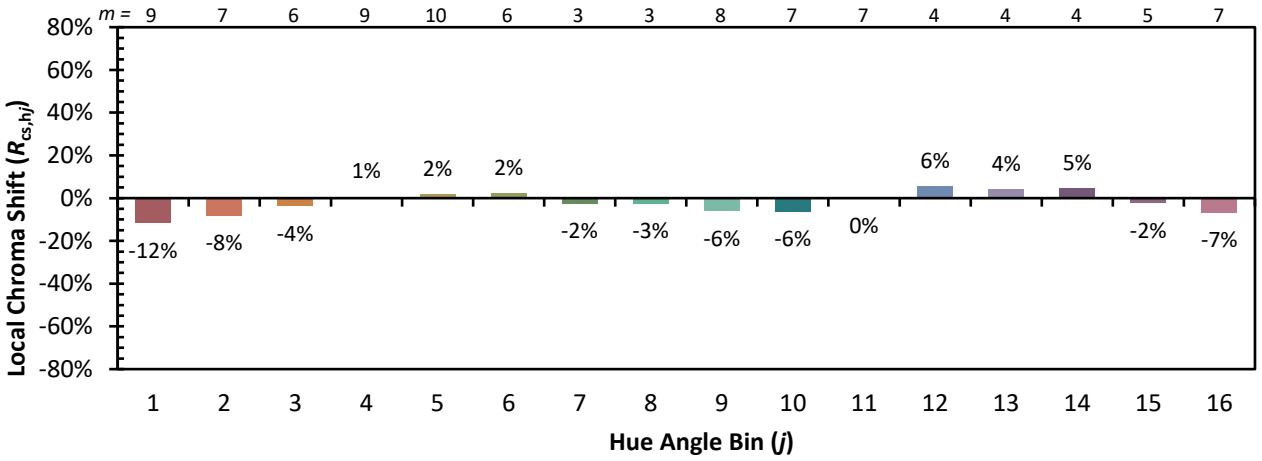
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

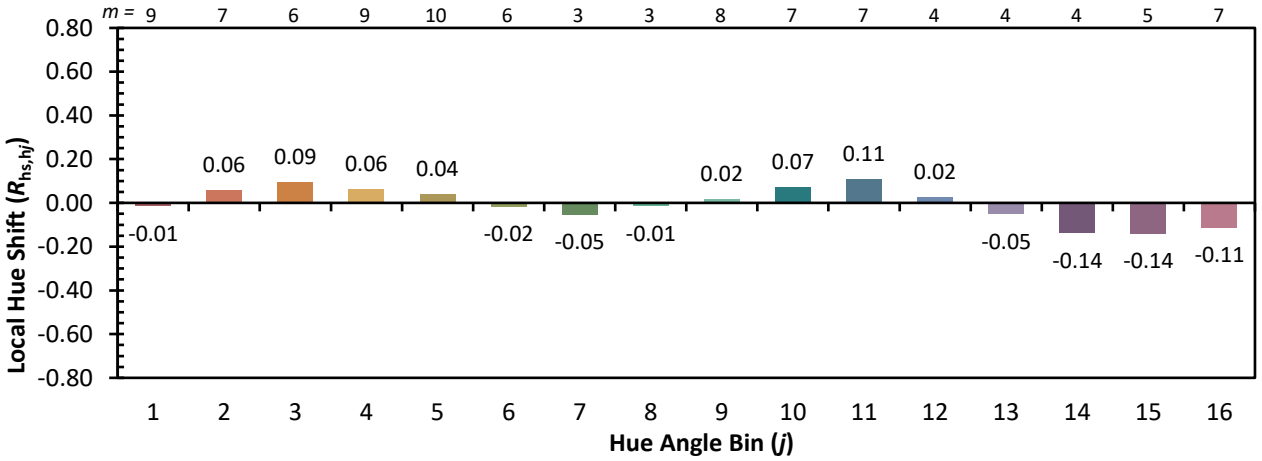


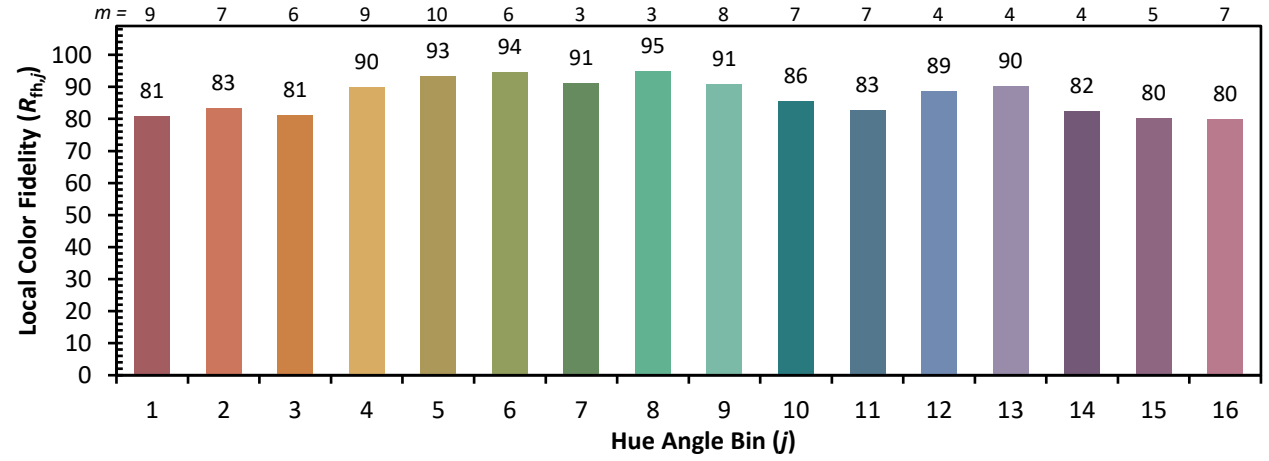
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Color Rendition by Hue-Angle Bin



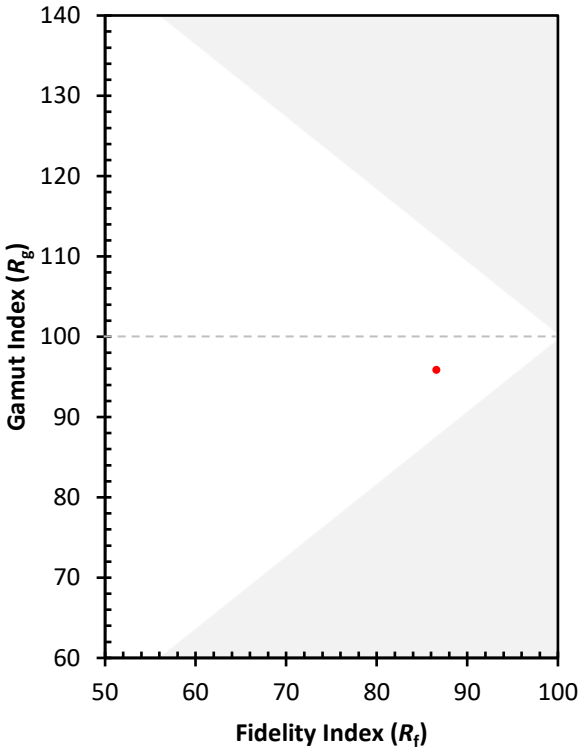


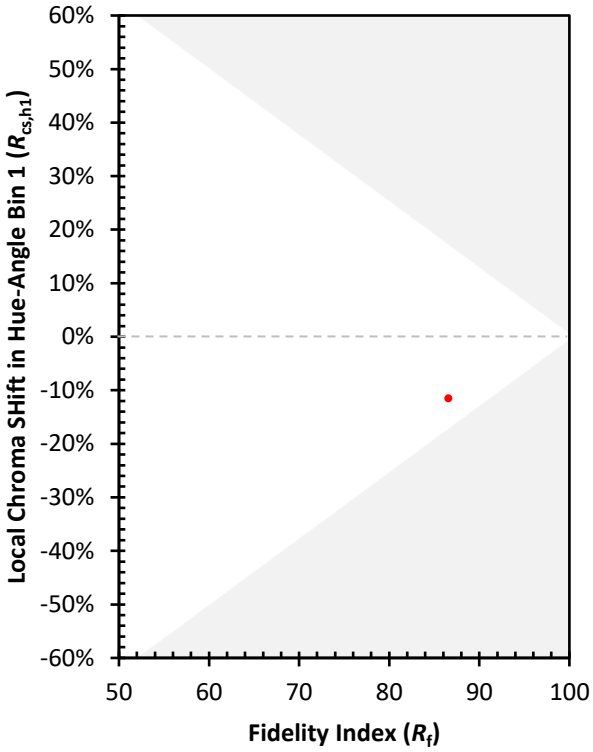


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Measure Comparisons





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