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: P1502322

Luminaire Tested: GSS-SB4B-835-U-T3LG-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:	P1502322
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-835-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17039.6 lumens
Efficiency:	N/A
Efficacy:	115.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

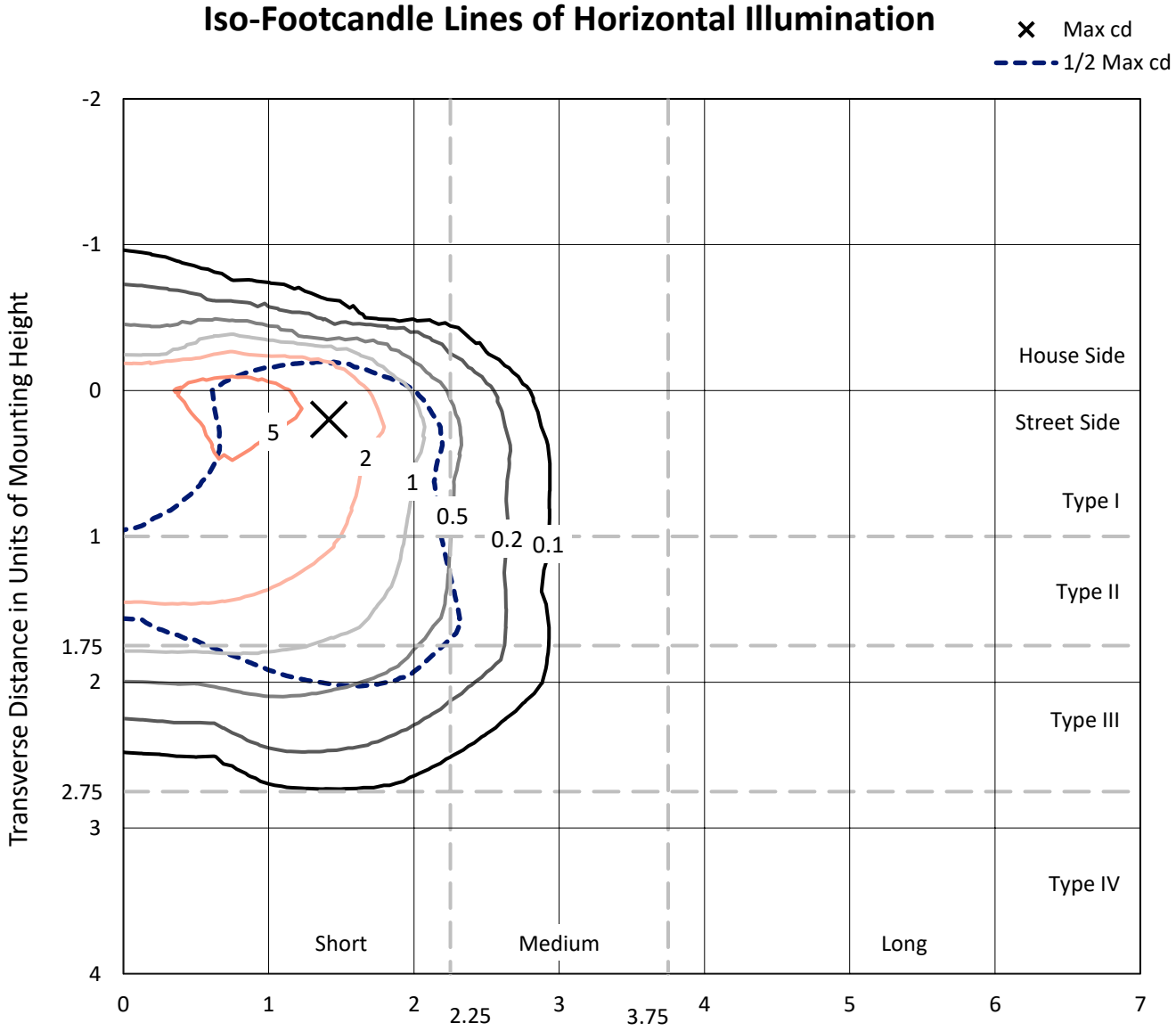
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502322
CATALOG NUMBER: GSS-SB4B-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



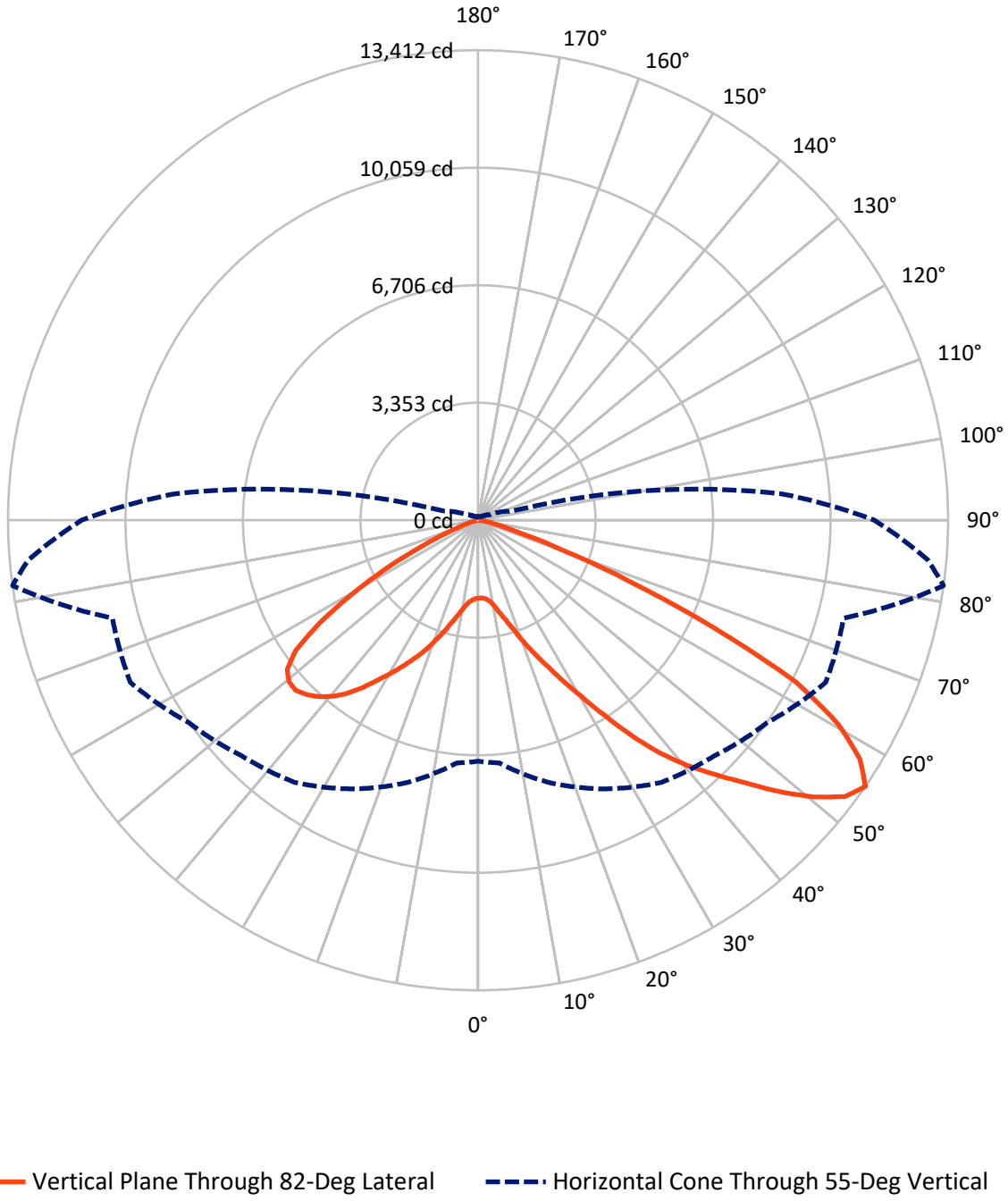
Based on 25 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1502322
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Luminous Intensity Polar Plot



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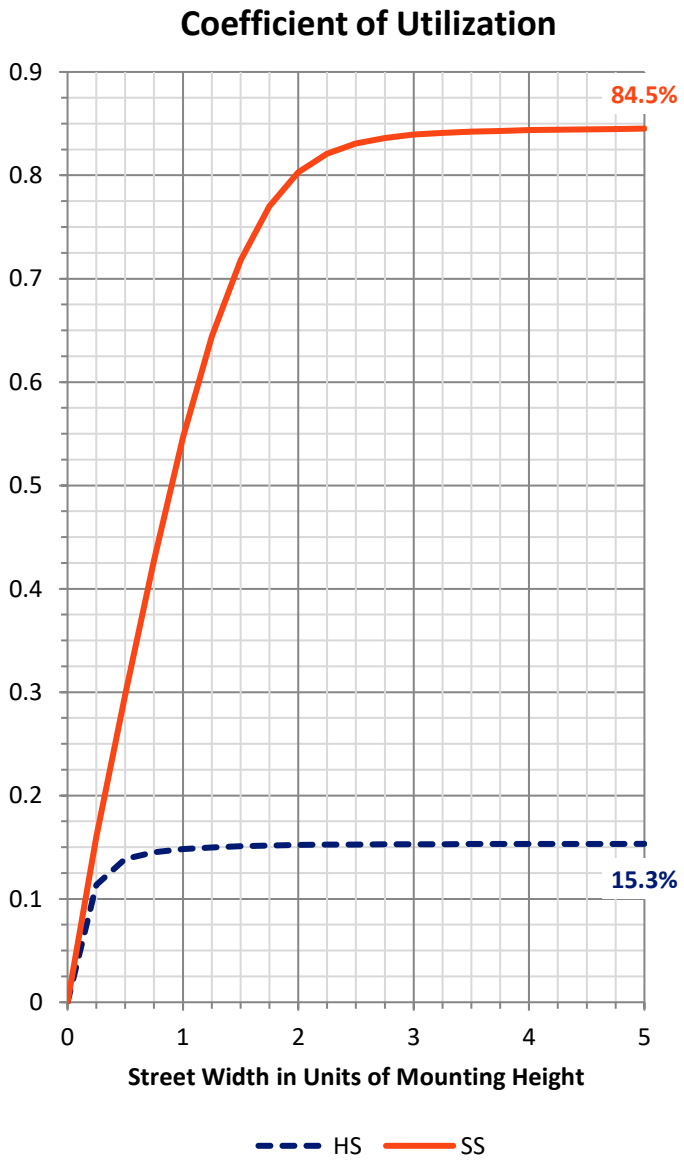
REPORT NUMBER: P1502322
CATALOG NUMBER: GSS-SB4B-835-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2633.7	0.0	2633.7
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	14405.8	0.0	14405.8
	% Fixture	84.5	0.0	84.5
Total	Lumens	17039.6	0.0	17039.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.7	1.2
10°-20°	545.9	3.2
20°-30°	1091.3	6.4
30°-40°	2259.8	13.3
40°-50°	3775.0	22.2
50°-60°	4787.9	28.1
60°-70°	3579.2	21.0
70°-80°	758.1	4.4
80°-90°	40.8	0.2
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°	17039.6	100.0
0°-180°	17039.6	100.0



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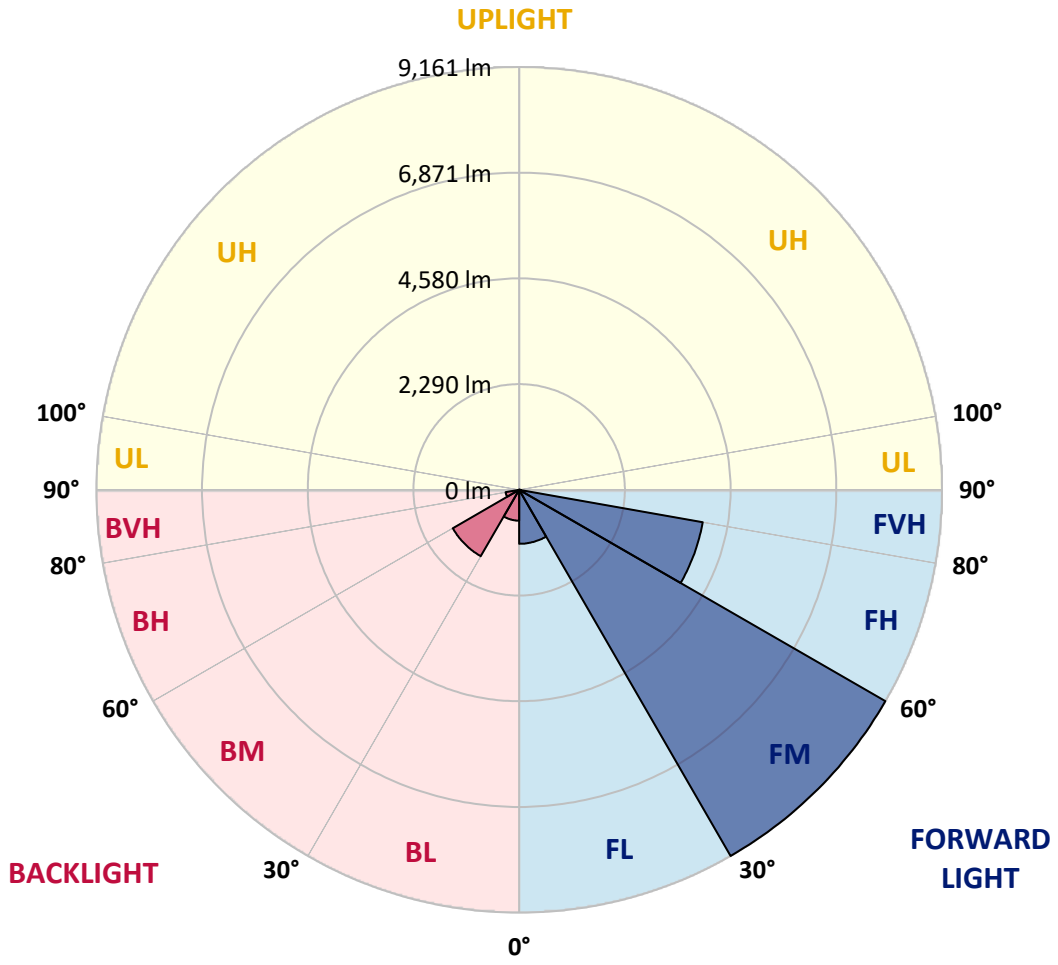
Scaled Data Report

REPORT NUMBER: P1502322
CATALOG NUMBER: GSS-SB4B-835-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1170.2	6.9			
FM	(30°-60°)	9160.8	53.8			
FH	(60°-80°)	4038.3	23.7			G2/5000
FVH	(80°-90°)	36.5	0.2			G1/100
BL	(0°-30°)	668.6	3.9	B2/1000		
BM	(30°-60°)	1661.8	9.8	B2/2500		
BH	(60°-80°)	299.0	1.8	B1/500		G1/500
BVH	(80°-90°)	4.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	*2224.5*	2224.5
2.5°	2164.4	2169.0	2159.8	2164.4	2173.6	2169.0	2187.5	2201.4	2215.3	*2219.9*	2224.5
5°	1974.8	1979.4	1984.0	2021.0	2044.1	2099.6	2150.5	2182.9	2229.1	*2252.3*	2256.9
7.5°	1748.2	1748.2	1766.7	1812.9	1873.0	1979.4	2095.0	2187.5	2275.4	*2321.6*	2330.9
10°	1706.5	1711.2	1711.2	1743.5	1794.4	1900.8	2048.8	2233.8	2391.0	*2460.4*	2483.5
12.5°	1715.8	1720.4	1725.0	1757.4	1808.3	1900.8	2090.4	2330.9	2576.0	*2691.6*	2705.5
15°	1738.9	1748.2	1762.0	1803.7	1859.2	1979.4	2178.3	2469.6	2798.0	*2946.0*	2983.0
17.5°	1808.3	1812.9	1836.0	1882.3	1970.2	2090.4	2307.8	2650.0	3107.8	*3269.7*	3339.1
20°	1914.7	1923.9	1956.3	2021.0	2122.8	2275.4	2515.9	2885.9	3440.8	*3690.6*	3746.1
22.5°	2048.8	2048.8	2095.0	2196.8	2340.1	2511.2	2802.6	3200.3	3847.8	*4139.2*	4231.7
25°	2270.8	2266.1	2303.1	2418.8	2589.9	2839.6	3135.6	3574.9	4273.3	*4620.1*	4717.3
27.5°	2779.5	2765.6	2751.7	2756.4	2904.4	3223.5	3565.7	4046.7	4800.5	*5207.5*	5281.5
30°	3371.5	3390.0	3371.5	3325.2	3348.3	3644.3	4069.8	4624.8	5392.5	*5850.3*	5947.5
32.5°	3889.4	3898.7	3977.3	4028.2	4046.7	4185.4	4652.5	5323.1	6146.3	*6645.8*	6770.7
35°	4453.7	4467.5	4555.4	4661.8	4828.3	4953.1	5383.2	6132.4	6914.0	*7543.0*	7635.5
37.5°	5110.4	5133.5	5249.1	5401.7	5633.0	5919.7	6150.9	6867.8	7695.6	*8421.7*	8518.8
40°	5688.5	5762.5	5961.3	6155.6	6400.7	6724.4	6877.0	7510.6	8273.7	*9198.7*	9360.5
42.5°	6234.2	6275.8	6594.9	6895.5	7186.9	7450.5	7598.5	8014.7	8787.1	*9920.1*	10100.5
45°	6687.4	6719.8	7075.9	7473.6	7834.4	8098.0	8121.1	8504.9	9295.8	*10683.2*	10822.0
47.5°	6964.9	7015.8	7473.6	7926.9	8324.6	8569.7	8532.7	9129.3	9850.8	*11571.2*	11589.7
50°	7131.4	7163.8	7630.9	8218.2	8708.4	8879.6	8958.2	9725.9	10354.9	*12412.9*	12301.9
52.5°	7251.6	7302.5	7760.4	8384.7	8935.1	9166.3	9448.4	10396.5	10752.6	*13102.0*	12806.0
55°	*6877.0*	*6951.0*	*7741.9*	*8458.7*	*9129.3*	*9517.8*	*10072.7*	*10946.8*	*10798.8*	*13411.8*	*12870.7*
57.5°	6456.2	6470.1	7251.6	8435.6	9346.7	9887.8	10646.2	10988.5	10368.7	*12847.6*	12214.0
60°	5836.5	5919.7	6719.8	8135.0	9383.7	10183.7	11034.7	10484.4	9582.5	*11802.4*	10849.7
62.5°	4097.5	4227.0	5272.2	7344.1	9120.0	10345.6	10970.0	9605.6	8597.4	*10188.4*	9120.0
65°	2293.9	2404.9	3260.5	5924.3	8394.0	10308.6	10304.0	8431.0	7015.8	*7362.6*	6520.9
67.5°	1257.9	1345.8	1692.7	4458.3	6659.7	9517.8	8902.7	6433.1	4703.4	*4675.6*	4069.8
70°	878.7	883.3	1068.3	3010.7	4786.6	6641.2	6960.3	4314.9	2918.2	*2580.6*	2178.3
72.5°	430.1	434.7	531.8	1419.8	2927.5	3681.3	4772.8	2243.0	1637.2	*1281.1*	1091.4
75°	217.4	212.7	291.4	531.8	1211.7	1794.4	2104.3	1123.8	952.7	*703.0*	624.3
77.5°	138.7	143.4	171.1	291.4	545.7	698.3	647.5	610.5	559.6	*411.6*	356.1
80°	92.5	92.5	115.6	185.0	268.2	333.0	198.9	282.1	328.4	*240.5*	208.1
82.5°	27.7	27.7	69.4	101.7	129.5	134.1	87.9	129.5	185.0	*134.1*	101.7
85°	18.5	18.5	37.0	50.9	55.5	46.2	27.7	55.5	87.9	*60.1*	50.9
87.5°	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	*4.6*	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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REPORT NUMBER: P1502322
CATALOG NUMBER: GSS-SB4B-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5	2224.5
2.5°	2229.1	2233.8	2247.6	2252.3	2261.5	2266.1	2266.1	2266.1	2261.5	2266.1	2275.4
5°	2266.1	2289.3	2307.8	2303.1	2303.1	2280.0	2261.5	2224.5	2206.0	2201.4	2206.0
7.5°	2358.6	2377.1	2395.6	2367.9	2298.5	2192.1	2076.5	1984.0	1905.4	1868.4	1882.3
10°	2525.1	2548.2	2548.2	2418.8	2224.5	1974.8	1766.7	1595.5	1466.1	1396.7	1429.1
12.5°	2765.6	2784.1	2737.9	2465.0	2095.0	1683.4	1336.6	1049.8	883.3	800.1	781.6
15°	3043.1	3070.8	2913.6	2455.8	1891.5	1257.9	832.5	624.3	564.2	545.7	550.3
17.5°	3399.2	3413.1	3107.8	2381.8	1540.0	823.2	592.0	531.8	518.0	508.7	508.7
20°	3838.6	3796.9	3265.1	2256.9	1123.8	647.5	545.7	499.5	485.6	481.0	485.6
22.5°	4310.3	4245.5	3394.6	2021.0	851.0	610.5	522.6	471.7	453.2	448.6	448.6
25°	4805.1	4657.1	3496.3	1674.2	795.5	601.2	494.9	430.1	411.6	402.4	402.4
27.5°	5369.4	5115.0	3551.8	1401.3	809.3	587.3	462.5	393.1	365.4	356.1	356.1
30°	5993.7	5623.7	3556.4	1345.8	837.1	568.8	430.1	351.5	323.7	309.9	314.5
32.5°	6752.2	6141.7	3542.6	1433.7	855.6	555.0	393.1	309.9	286.7	272.9	272.9
35°	7538.4	6770.7	3487.1	1600.2	864.8	513.3	346.9	272.9	245.1	240.5	245.1
37.5°	8320.0	7367.3	3408.5	1692.7	818.6	420.9	282.1	235.9	217.4	217.4	217.4
40°	9032.2	7885.2	3302.1	1614.0	652.1	305.2	231.2	203.5	194.2	189.6	194.2
42.5°	9564.0	8347.7	3107.8	1359.7	462.5	245.1	203.5	180.4	171.1	171.1	175.7
45°	10146.7	8791.7	2733.2	999.0	351.5	212.7	175.7	157.2	152.6	152.6	157.2
47.5°	10734.1	9147.8	2372.5	666.0	305.2	189.6	157.2	143.4	138.7	134.1	138.7
50°	11182.7	9318.9	1900.8	485.6	277.5	171.1	143.4	134.1	124.9	120.2	120.2
52.5°	11501.8	9272.7	1392.1	416.2	254.4	157.2	134.1	124.9	111.0	111.0	111.0
55°	*11307.6*	*8680.7*	*1003.6*	*374.6*	*235.9*	*148.0*	*129.5*	*115.6*	*106.4*	*101.7*	*101.7*
57.5°	10364.1	7399.6	726.1	337.6	208.1	138.7	124.9	111.0	97.1	92.5	92.5
60°	9009.0	5762.5	541.1	296.0	180.4	134.1	111.0	106.4	92.5	83.2	83.2
62.5°	7362.6	4194.7	420.9	254.4	161.9	115.6	106.4	97.1	83.2	74.0	69.4
65°	5110.4	2677.7	323.7	208.1	152.6	101.7	97.1	83.2	69.4	55.5	55.5
67.5°	3154.1	1590.9	249.7	161.9	120.2	87.9	83.2	74.0	60.1	46.2	46.2
70°	1743.5	841.7	171.1	120.2	92.5	69.4	64.7	64.7	50.9	41.6	37.0
72.5°	837.1	457.9	115.6	101.7	69.4	46.2	50.9	50.9	41.6	32.4	32.4
75°	504.1	272.9	78.6	78.6	46.2	37.0	37.0	41.6	32.4	23.1	23.1
77.5°	286.7	161.9	46.2	60.1	32.4	23.1	27.7	23.1	18.5	13.9	13.9
80°	161.9	92.5	27.7	41.6	18.5	13.9	13.9	9.2	9.2	4.6	4.6
82.5°	78.6	50.9	13.9	13.9	9.2	4.6	4.6	4.6	4.6	0.0	0.0
85°	37.0	9.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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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

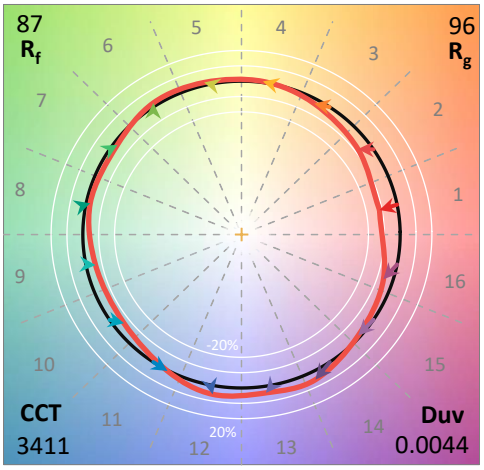
Test Information

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

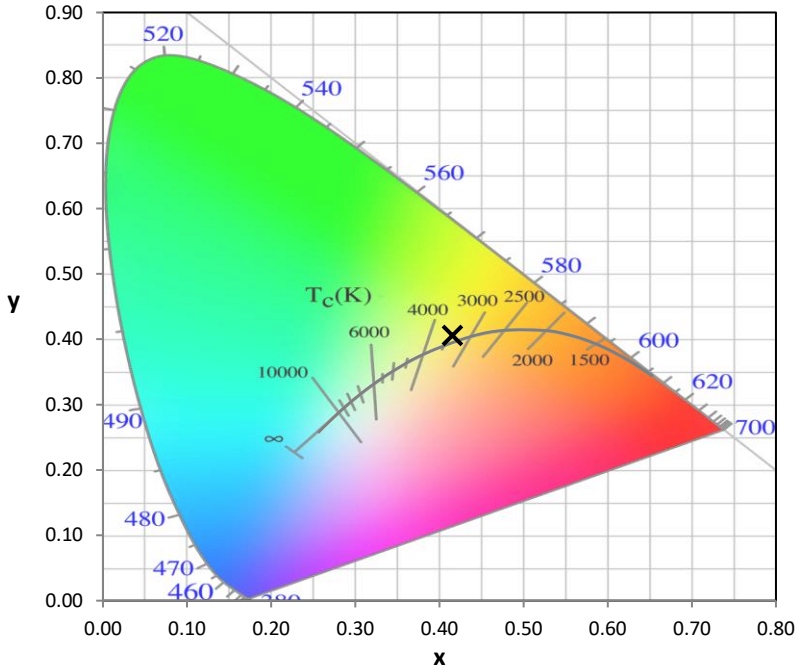
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

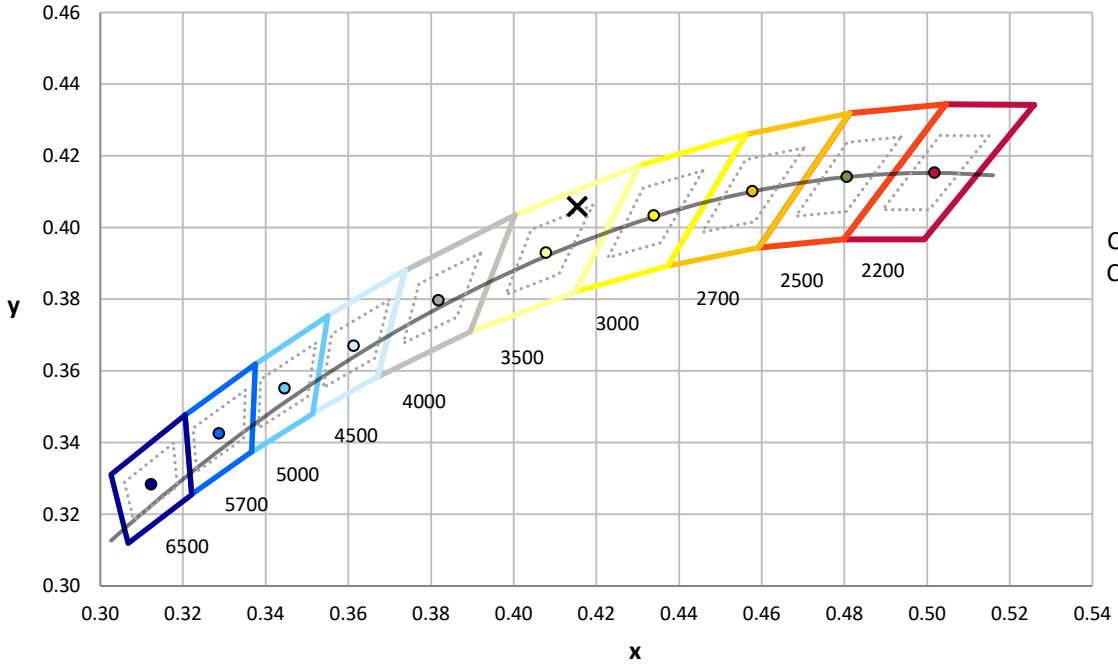
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

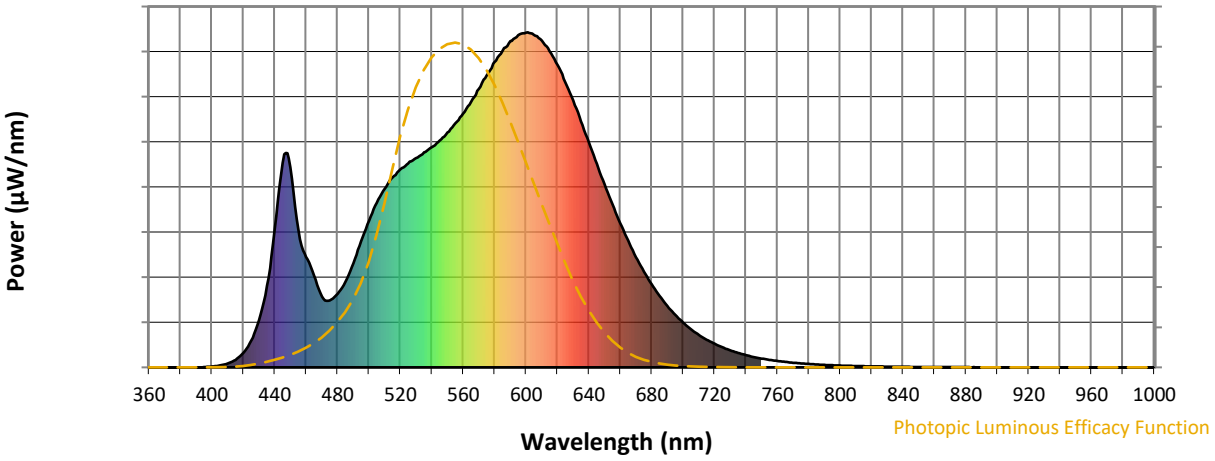


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

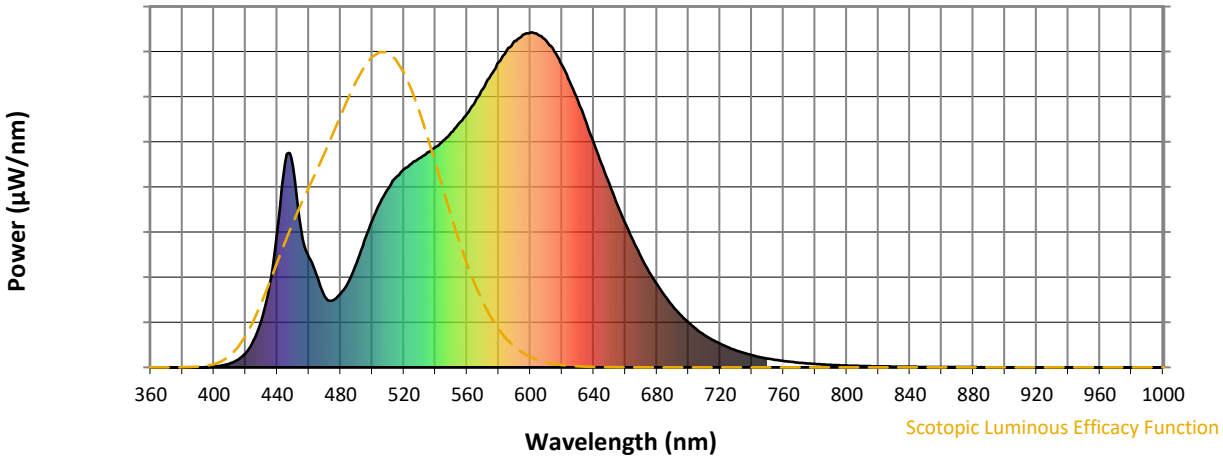


Photopic Lumens: NR

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

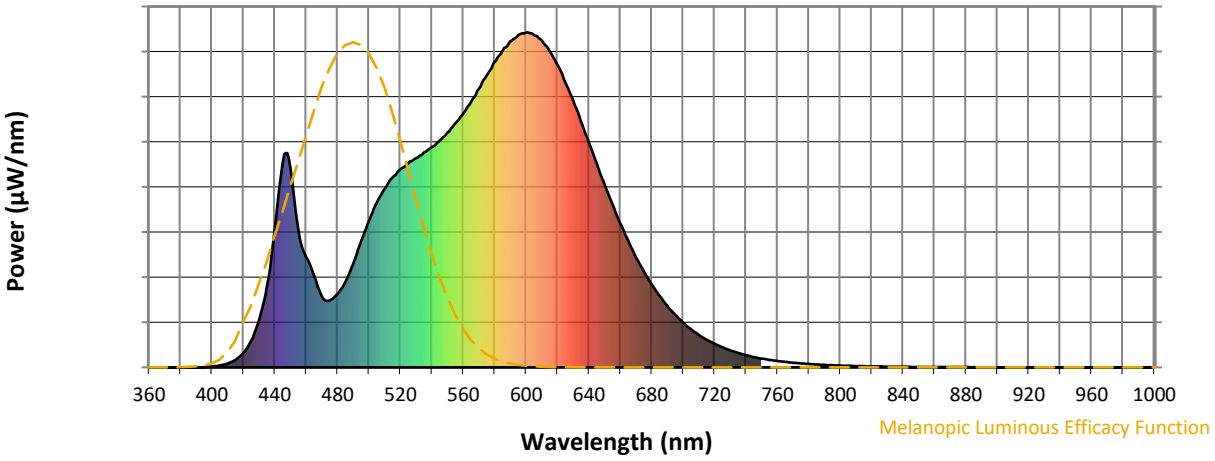


Scotopic Lumens: NR **S/P: 1.48**

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			

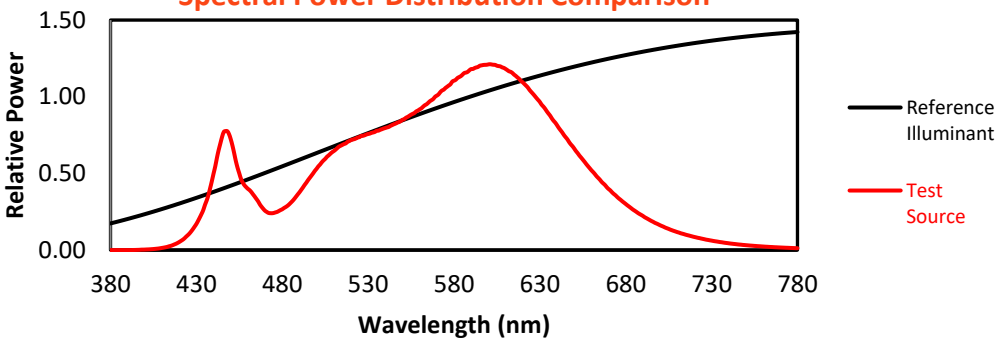
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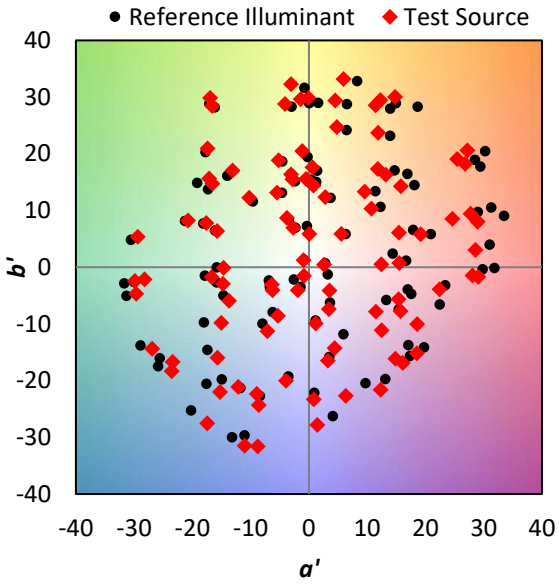
Summary

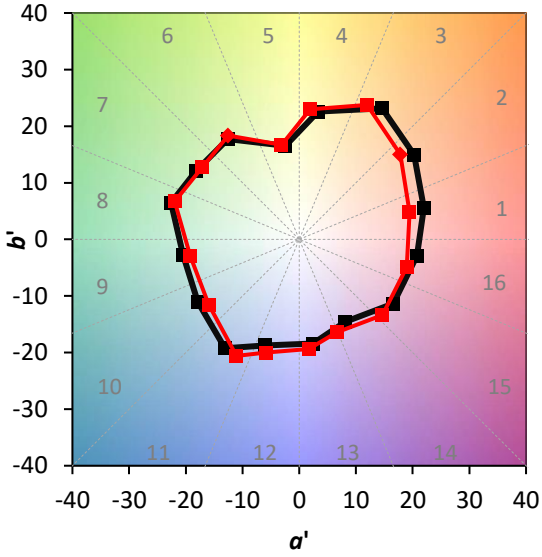
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

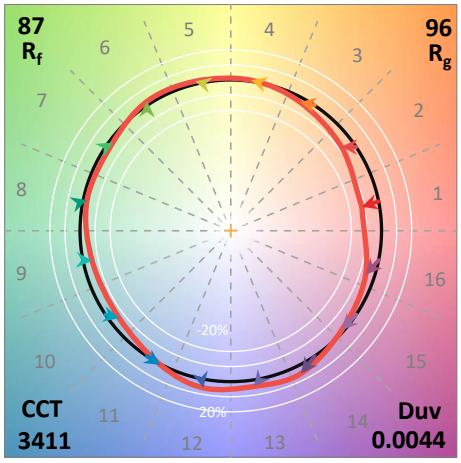
Spectral Power Distribution Comparison

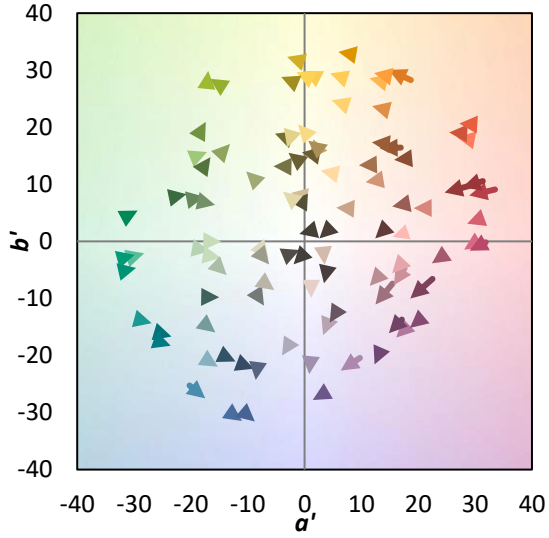


Color Vector Graphics







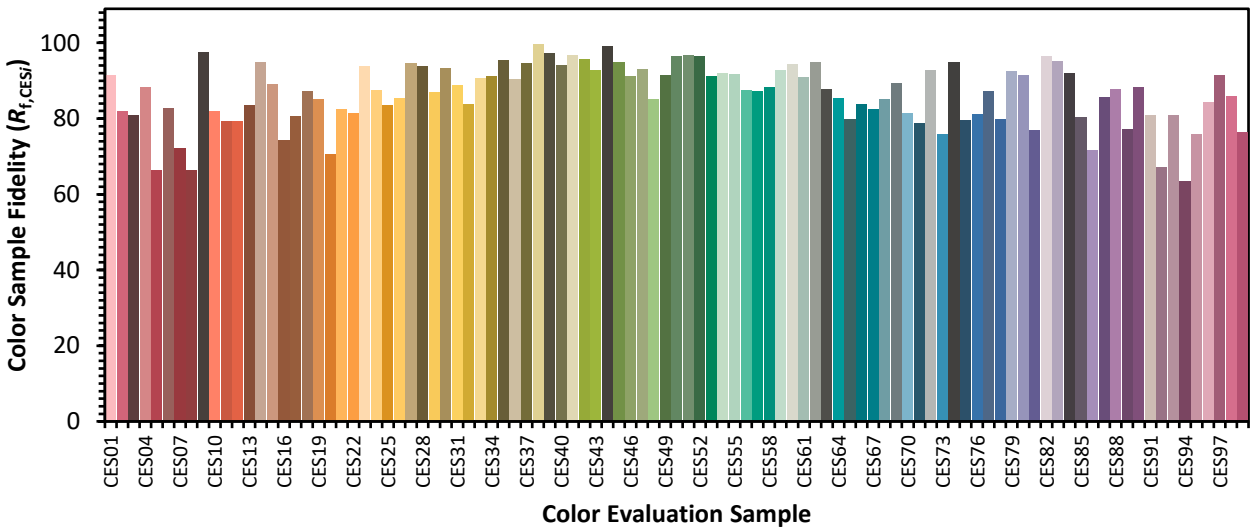


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Individual Sample Fidelity Index ($R_{f,i}$)

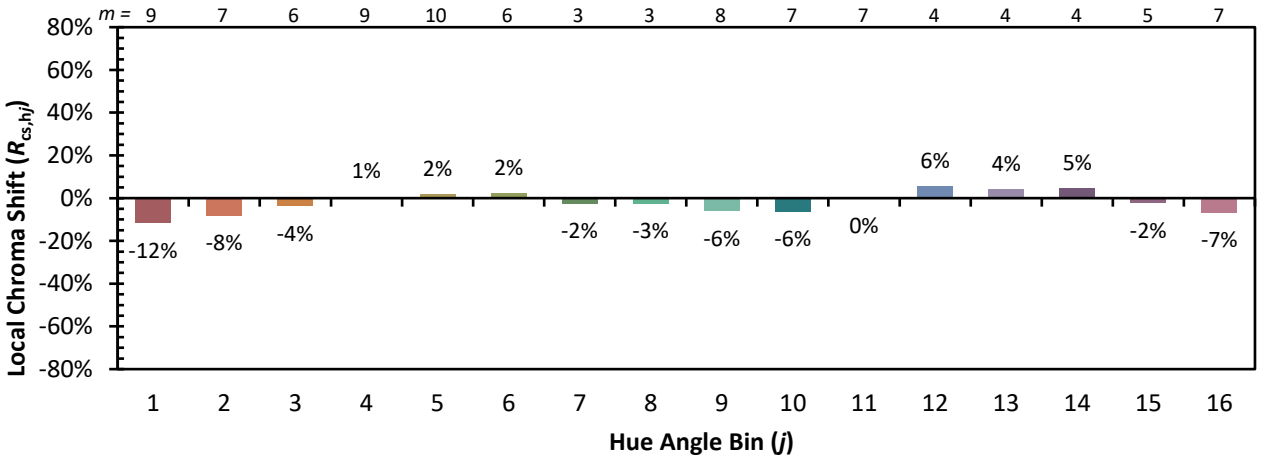
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

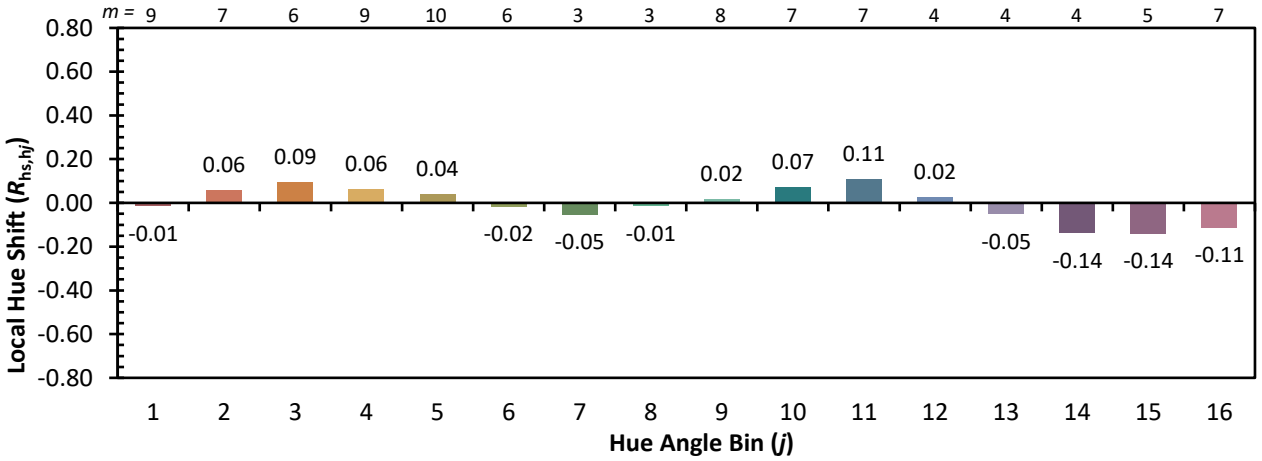


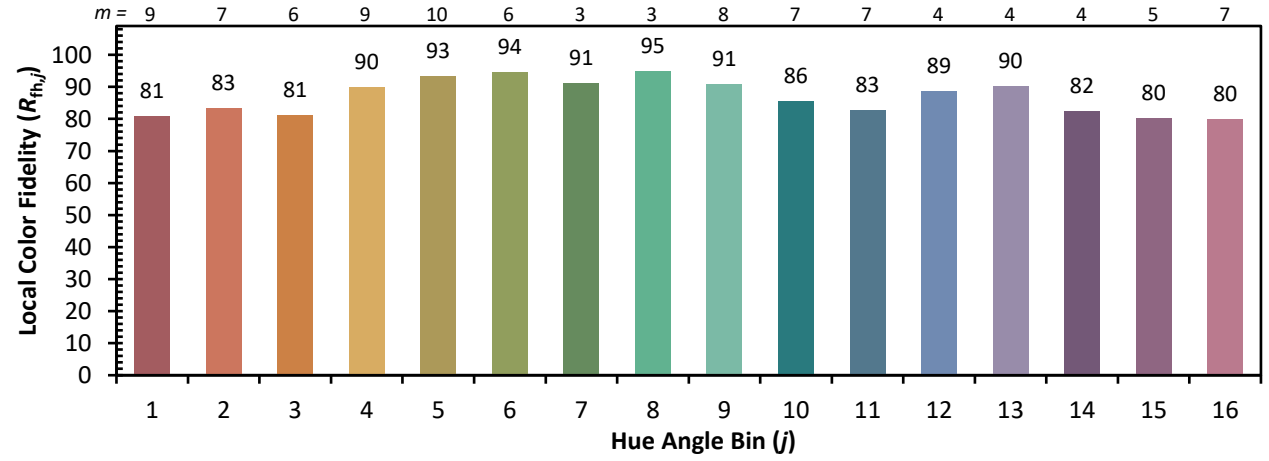
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Color Rendition by Hue-Angle Bin



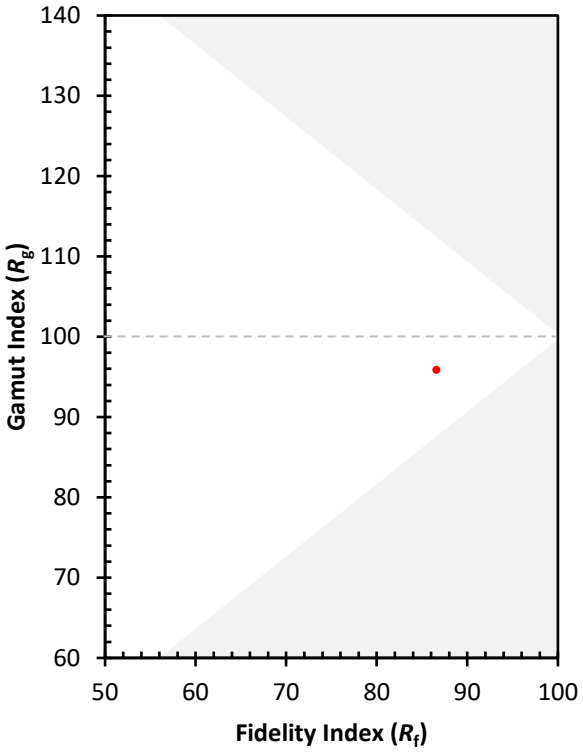


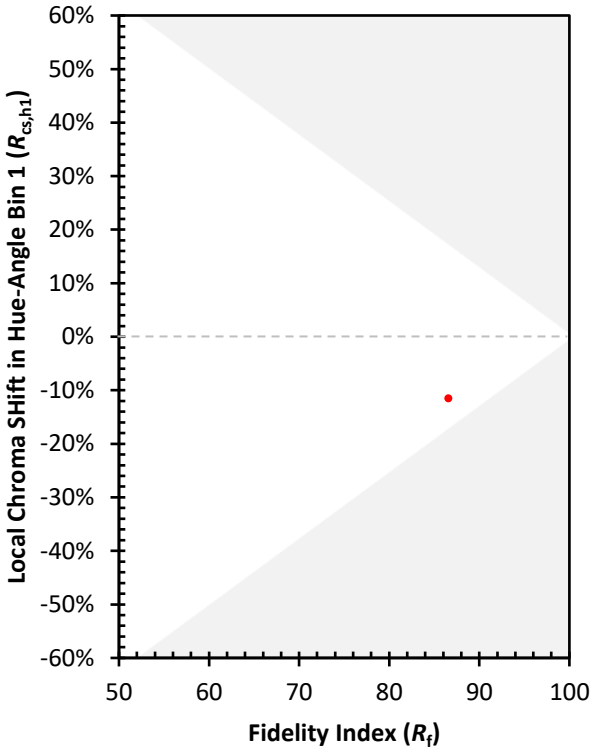


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Measure Comparisons





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