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: P1500789

Luminaire Tested: GSS-SB5A-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:	P1500789
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20239.2 lumens
Efficiency:	N/A
Efficacy:	141.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

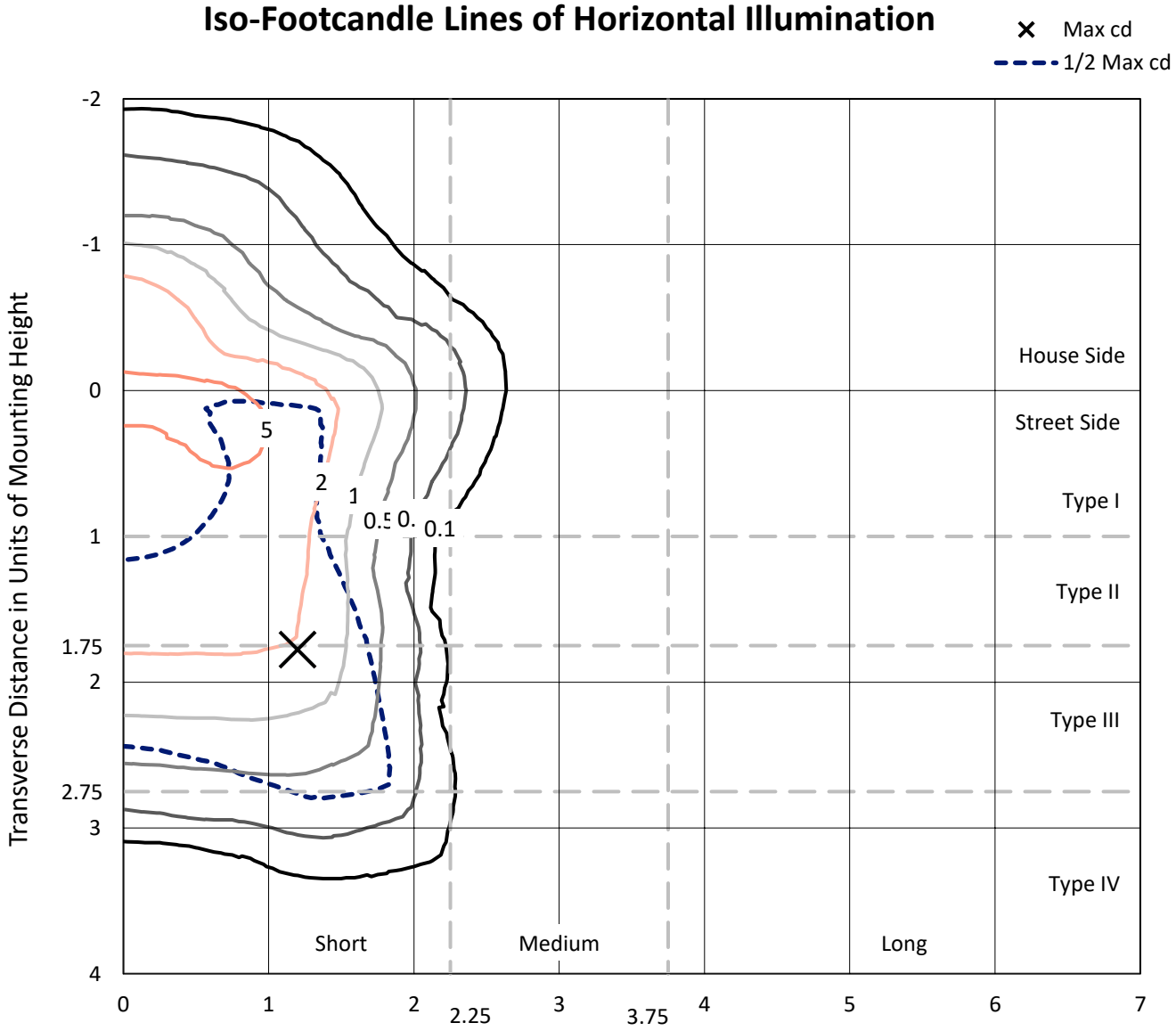
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500789
CATALOG NUMBER: GSS-SB5A-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



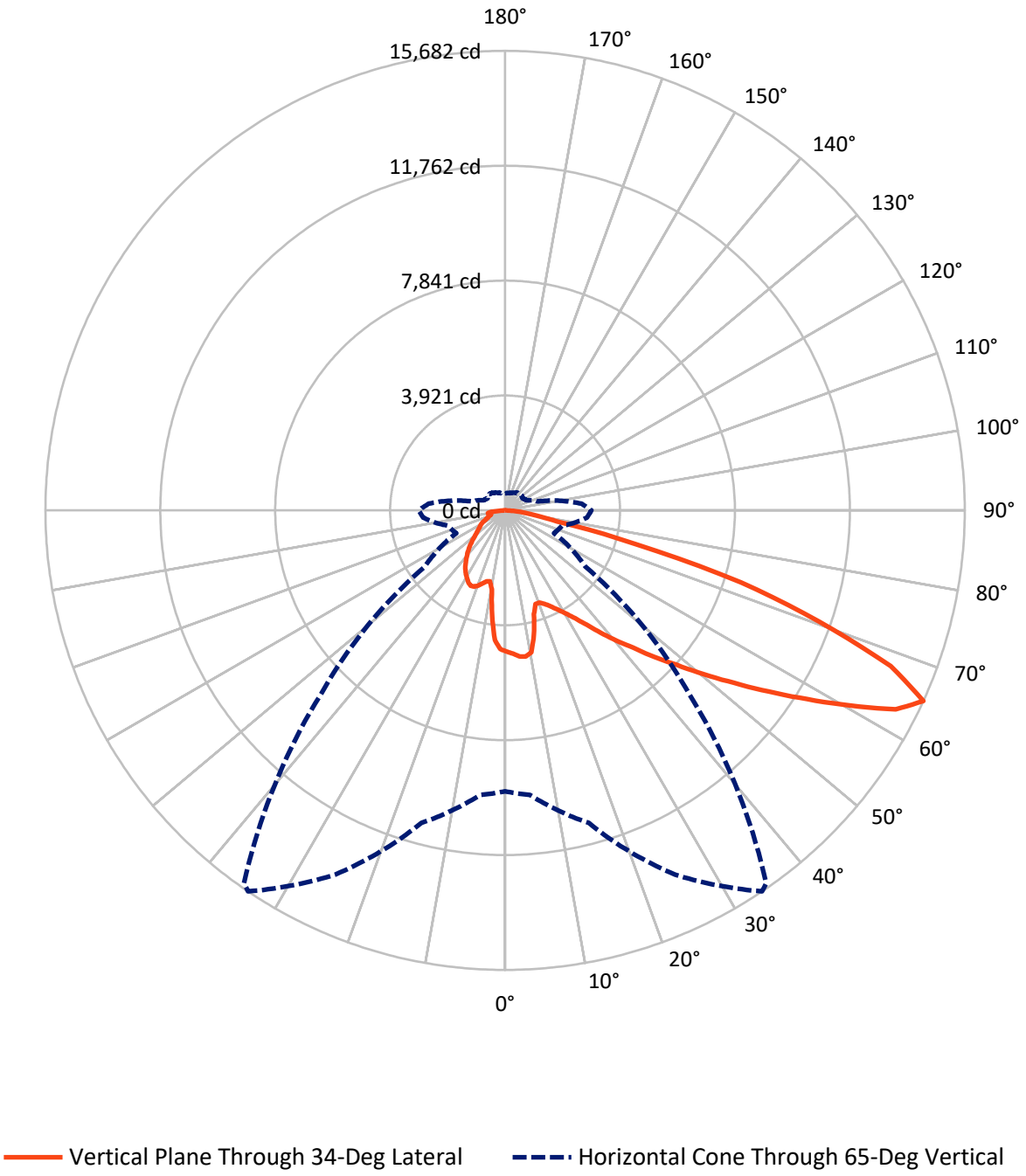
Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1500789
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Luminous Intensity Polar Plot



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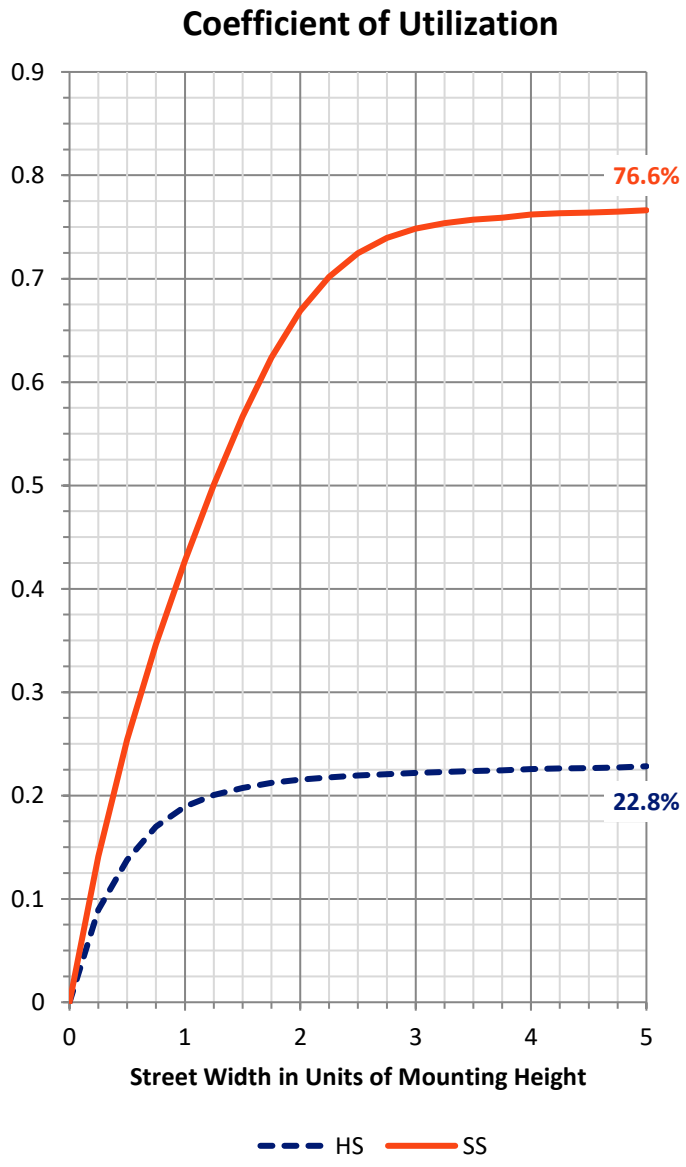
REPORT NUMBER: P1500789
CATALOG NUMBER: GSS-SB5A-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4708.8	0.0	4708.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	15530.4	0.0	15530.4
	% Fixture	76.7	0.0	76.7
Total	Lumens	20239.2	0.0	20239.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.8	2.1
10°-20°	1091.8	5.4
20°-30°	1809.8	8.9
30°-40°	2721.9	13.4
40°-50°	3813.3	18.8
50°-60°	4807.9	23.8
60°-70°	4135.2	20.4
70°-80°	1229.4	6.1
80°-90°	196.2	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°	20239.2	100.0
0°-180°	20239.2	100.0



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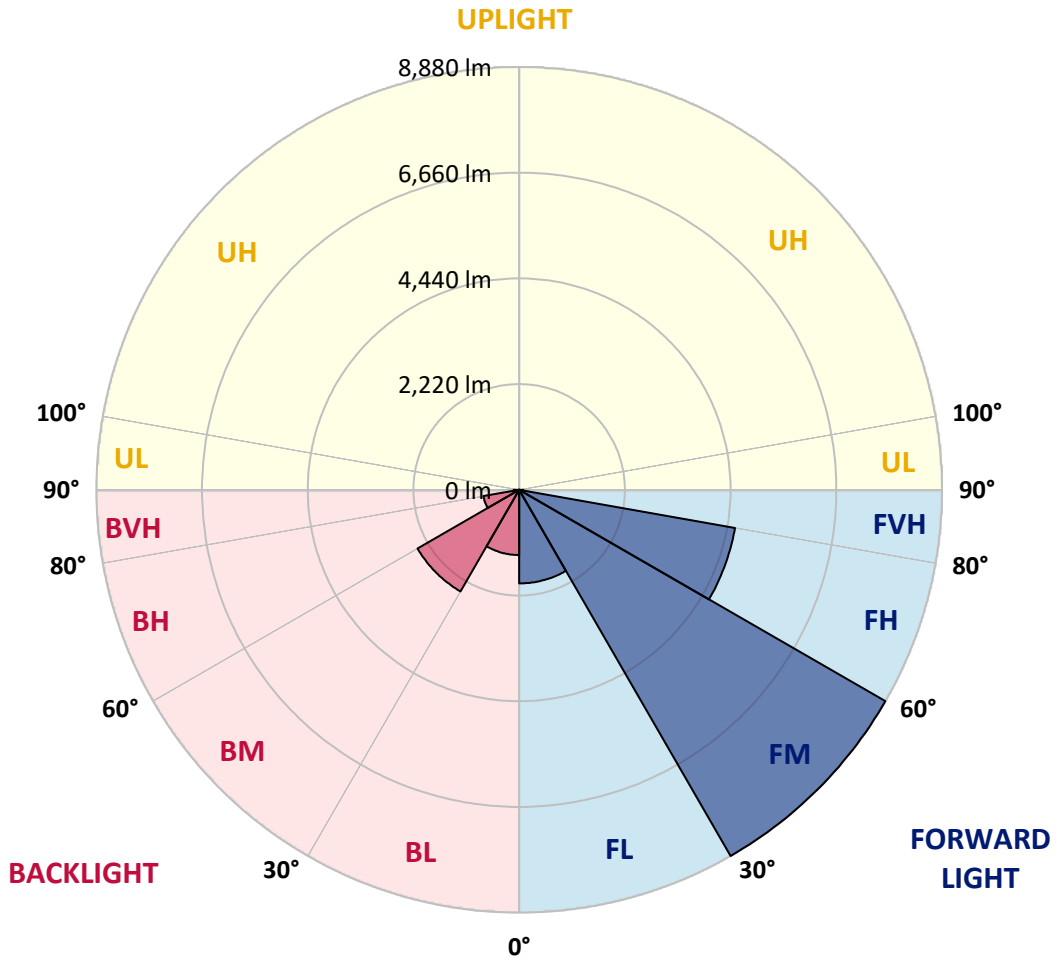
Scaled Data Report

REPORT NUMBER: P1500789
CATALOG NUMBER: GSS-SB5A-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1965.4	9.7			
FM	(30°-60°)	8879.5	43.9			
FH	(60°-80°)	4602.5	22.7			G2/5000
FVH	(80°-90°)	83.0	0.4			G1/100
BL	(0°-30°)	1370.1	6.8	B3/2500		
BM	(30°-60°)	2463.5	12.2	B2/2500		
BH	(60°-80°)	762.1	3.8	B2/1000		G2/1000
BVH	(80°-90°)	113.2	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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Scaled Data Report

REPORT NUMBER: P1500789
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0
2.5°	4903.6	4931.1	4899.0	4885.3	4889.9	4894.4	4871.5	4876.1	4848.6	4848.6	4825.7
5°	5009.0	5013.6	4995.3	5009.0	5004.4	4999.9	4999.9	4995.3	4935.7	4921.9	4899.0
7.5°	4949.4	4967.8	4976.9	5027.3	5041.1	5068.6	5086.9	5096.1	5050.3	5013.6	4954.0
10°	4404.1	4417.8	4523.2	4752.4	4926.5	4958.6	5128.2	5224.4	5192.3	5174.0	5073.2
12.5°	3519.6	3542.5	3661.7	3959.6	4367.4	4454.5	4995.3	5320.6	5394.0	5398.6	5251.9
15°	3139.2	3139.2	3175.9	3345.5	3675.4	3744.2	4541.6	5348.1	5609.4	5641.4	5462.7
17.5°	3061.3	3056.7	3079.7	3180.5	3354.6	3395.9	4019.1	5206.1	5866.0	5921.0	5691.9
20°	3056.7	3043.0	3088.8	3203.4	3354.6	3391.3	3776.2	4958.6	6067.6	6241.8	5921.0
22.5°	3061.3	3061.3	3125.5	3290.5	3464.6	3496.7	3822.1	4752.4	6232.6	6576.3	6163.9
25°	3111.7	3102.6	3194.2	3395.9	3634.2	3657.1	4010.0	4743.2	6374.7	6952.1	6457.2
27.5°	3194.2	3198.8	3322.5	3565.4	3835.8	3881.6	4271.2	4940.3	6548.8	7364.6	6741.3
30°	3368.4	3373.0	3519.6	3767.1	4078.7	4138.3	4573.7	5233.6	6796.3	7809.1	7048.4
32.5°	3565.4	3588.3	3767.1	4055.8	4390.3	4422.4	4944.9	5673.5	7167.5	8253.7	7378.3
35°	3895.4	3918.3	4120.0	4422.4	4793.6	4839.5	5398.6	6182.2	7621.2	8702.8	7635.0
37.5°	4321.6	4339.9	4537.0	4903.6	5297.7	5343.6	5902.7	6723.0	8079.5	9060.2	7864.1
40°	4830.3	4871.5	5082.3	5439.8	5838.5	5866.0	6452.6	7245.4	8574.4	9307.7	7955.8
42.5°	5384.8	5426.1	5641.4	6035.6	6402.2	6484.7	7048.4	7800.0	8977.7	9417.7	7882.4
45°	6095.1	6086.0	6287.6	6700.1	7130.9	7162.9	7685.4	8258.2	9220.6	9326.0	7809.1
47.5°	6956.7	6965.9	7094.2	7428.7	7873.3	7946.6	8349.9	8652.4	9362.7	9252.7	7726.6
50°	7928.3	7951.2	8061.2	8304.1	8780.7	8831.1	8950.2	8927.3	9449.8	9096.9	7758.7
52.5°	8899.8	8913.6	9060.2	9316.9	9779.7	9816.4	9555.2	9138.1	9124.4	8469.0	7690.0
55°	9697.2	9692.7	9953.9	10348.0	10911.7	10888.8	10150.9	8977.7	8107.0	7492.9	7382.9
57.5°	10389.2	10416.7	10755.9	11438.7	12149.0	12130.7	10788.0	8129.9	6622.2	6338.0	6883.4
60°	11012.5	11076.7	11713.7	12735.6	13519.3	13409.3	10902.5	6851.3	5151.1	4963.2	5893.5
62.5°	10742.1	10861.3	11883.2	13876.8	14953.7	14710.8	10196.8	5306.9	3487.5	3318.0	4165.8
65°	9587.3	9747.7	11044.6	13711.8	15682.4	15531.2	8913.6	3336.3	1837.7	2016.4	2804.7
67.5°	8052.0	8244.5	9646.8	12318.6	14188.4	13863.0	6924.6	1755.2	857.0	1329.0	1741.5
70°	4413.3	4889.9	6975.0	10476.3	11365.4	10911.7	4005.4	829.5	623.3	829.5	1040.3
72.5°	1659.0	1773.5	3024.7	7043.8	8418.6	7859.5	1521.5	536.2	522.4	614.1	751.6
75°	797.4	852.4	1315.3	3203.4	4596.6	4284.9	747.0	398.7	449.1	481.2	545.4
77.5°	476.6	513.3	820.3	1860.6	1810.2	1663.6	458.3	307.0	362.0	343.7	320.8
80°	284.1	316.2	499.5	1058.6	1090.7	967.0	279.6	215.4	252.1	220.0	197.1
82.5°	165.0	178.7	261.2	476.6	692.0	637.0	160.4	128.3	183.3	146.7	110.0
85°	82.5	87.1	119.2	206.2	343.7	261.2	68.7	59.6	87.1	64.2	36.7
87.5°	18.3	18.3	18.3	22.9	32.1	32.1	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: P1500789
CATALOG NUMBER: GSS-SB5A-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0
2.5°	4821.1	4830.3	4798.2	4761.5	4752.4	4724.9	4734.0	4715.7	4688.2	4692.8	4697.4
5°	4867.0	4848.6	4784.5	4702.0	4628.6	4546.2	4449.9	4339.9	4262.0	4229.9	4257.4
7.5°	4908.2	4889.9	4779.9	4596.6	4349.1	4005.4	3647.9	3322.5	3098.0	3015.5	3033.8
10°	5022.8	4949.4	4747.8	4349.1	3757.9	3107.1	2745.1	2543.5	2474.7	2438.1	2442.6
12.5°	5174.0	5073.2	4688.2	3918.3	3024.7	2612.2	2483.9	2438.1	2415.1	2406.0	2415.1
15°	5357.3	5201.5	4546.2	3377.5	2685.5	2525.1	2497.6	2502.2	2502.2	2506.8	2506.8
17.5°	5517.7	5274.8	4289.5	2988.0	2616.8	2571.0	2598.5	2621.4	2621.4	2626.0	2621.4
20°	5664.4	5311.5	3959.6	2823.0	2630.5	2653.5	2717.6	2740.5	2745.1	2740.5	2740.5
22.5°	5820.2	5334.4	3629.6	2731.4	2662.6	2731.4	2800.1	2832.2	2841.3	2845.9	2850.5
25°	5971.4	5288.6	3359.2	2658.0	2648.9	2745.1	2823.0	2864.3	2873.4	2873.4	2878.0
27.5°	6122.6	5274.8	3175.9	2561.8	2584.7	2662.6	2754.3	2809.3	2845.9	2850.5	2855.1
30°	6296.8	5233.6	3001.7	2433.5	2442.6	2538.9	2635.1	2731.4	2804.7	2836.8	2836.8
32.5°	6415.9	5192.3	2845.9	2296.0	2296.0	2396.8	2516.0	2635.1	2740.5	2804.7	2818.4
35°	6530.5	5155.7	2708.4	2158.5	2163.1	2259.3	2383.1	2511.4	2644.3	2722.2	2758.9
37.5°	6590.1	5119.0	2612.2	2053.1	2034.8	2135.6	2218.1	2323.5	2465.6	2593.9	2626.0
40°	6603.8	5119.0	2603.0	1979.8	1901.9	2016.4	2053.1	2126.4	2254.7	2392.2	2442.6
42.5°	6512.2	5068.6	2648.9	1933.9	1764.4	1846.9	1888.1	1924.8	2007.3	2121.8	2163.1
45°	6402.2	4999.9	2690.1	1869.8	1594.8	1659.0	1723.1	1727.7	1764.4	1791.9	1819.4
47.5°	6310.5	4926.5	2616.8	1750.6	1420.7	1466.5	1535.2	1535.2	1516.9	1461.9	1443.6
50°	6383.9	4949.4	2493.1	1581.1	1260.3	1292.4	1365.7	1324.4	1283.2	1168.6	1154.9
52.5°	6448.0	5036.5	2346.4	1416.1	1122.8	1154.9	1228.2	1164.0	1081.5	989.9	976.1
55°	6342.6	5041.1	2076.0	1232.8	1026.6	1054.0	1122.8	1044.9	967.0	912.0	902.8
57.5°	6026.4	4903.6	1791.9	1090.7	944.1	971.6	1035.7	957.8	884.5	879.9	902.8
60°	5329.8	4422.4	1530.7	999.1	866.2	898.2	962.4	879.9	783.7	742.4	756.2
62.5°	4023.7	3400.4	1310.7	893.6	792.8	834.1	879.9	747.0	664.5	646.2	627.8
65°	*2942.2*	*2612.2*	*1177.8*	*811.2*	*724.1*	*774.5*	*737.8*	*664.5*	*609.5*	*591.2*	*582.0*
67.5°	1901.9	1773.5	1012.8	733.3	659.9	701.2	650.8	614.1	554.5	545.4	559.1
70°	1164.0	1205.3	847.8	646.2	595.8	586.6	595.8	559.1	494.9	508.7	527.0
72.5°	824.9	889.1	728.7	563.7	508.7	490.4	531.6	508.7	462.9	476.6	494.9
75°	591.2	659.9	600.3	462.9	430.8	421.6	494.9	508.7	476.6	485.8	499.5
77.5°	348.3	421.6	426.2	357.5	325.4	375.8	527.0	586.6	563.7	536.2	522.4
80°	224.6	252.1	302.5	229.1	229.1	325.4	577.4	714.9	614.1	545.4	536.2
82.5°	114.6	132.9	197.1	146.7	137.5	242.9	568.3	682.8	678.3	604.9	591.2
85°	32.1	41.2	91.7	64.2	55.0	128.3	426.2	513.3	458.3	334.5	339.1
87.5°	4.6	4.6	0.0	0.0	4.6	18.3	50.4	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

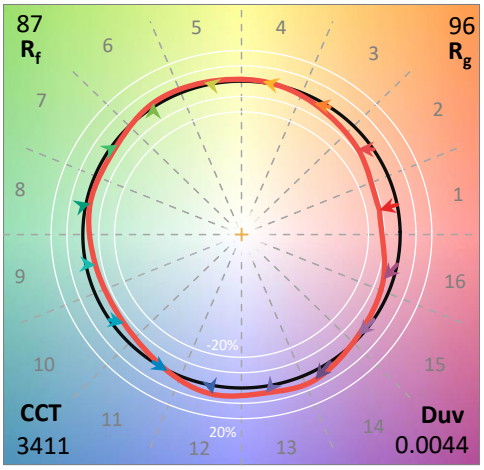
Test Information

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

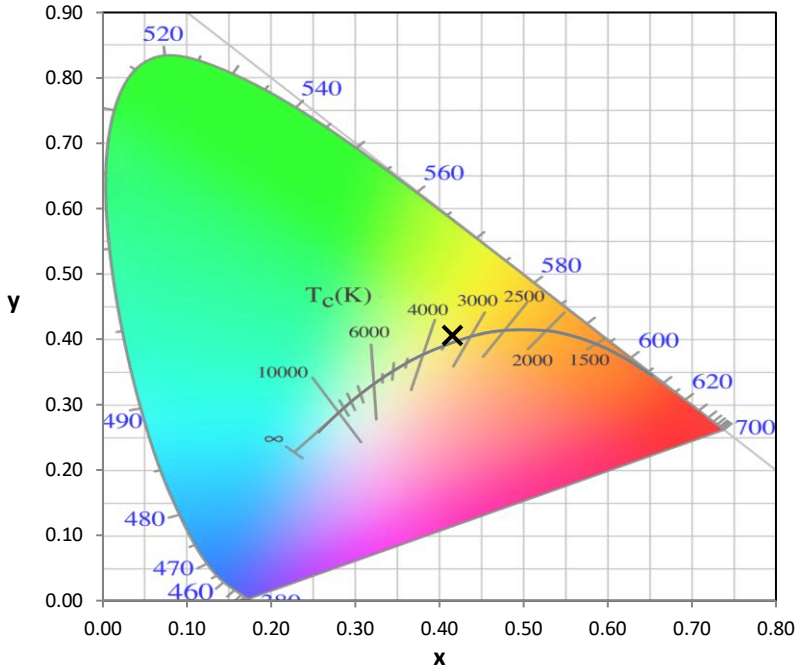
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

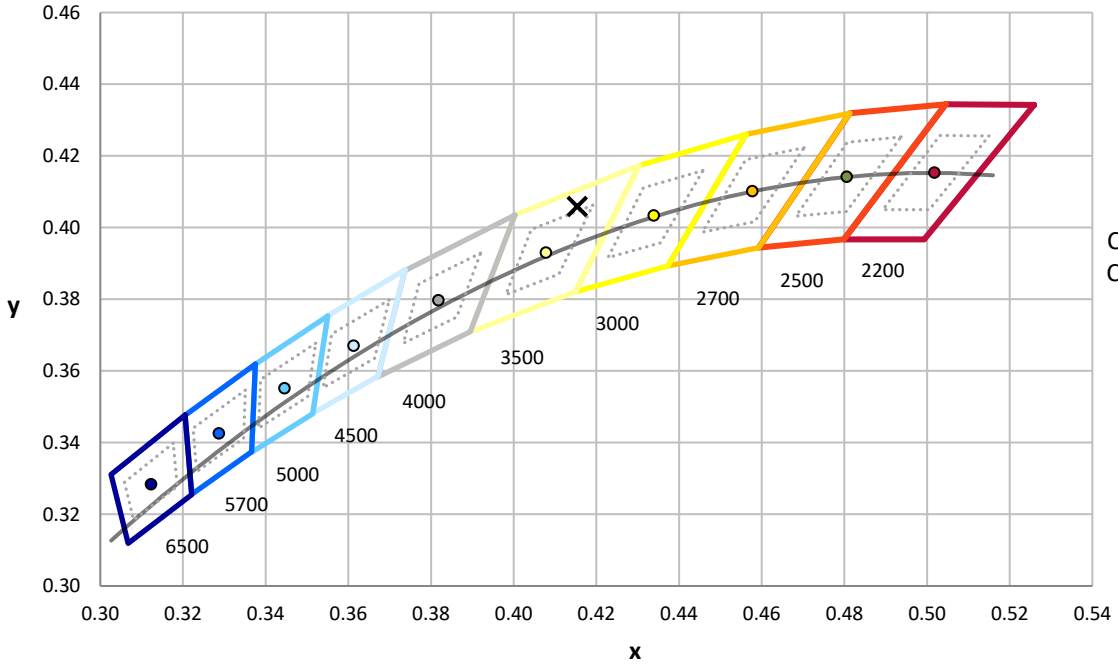
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

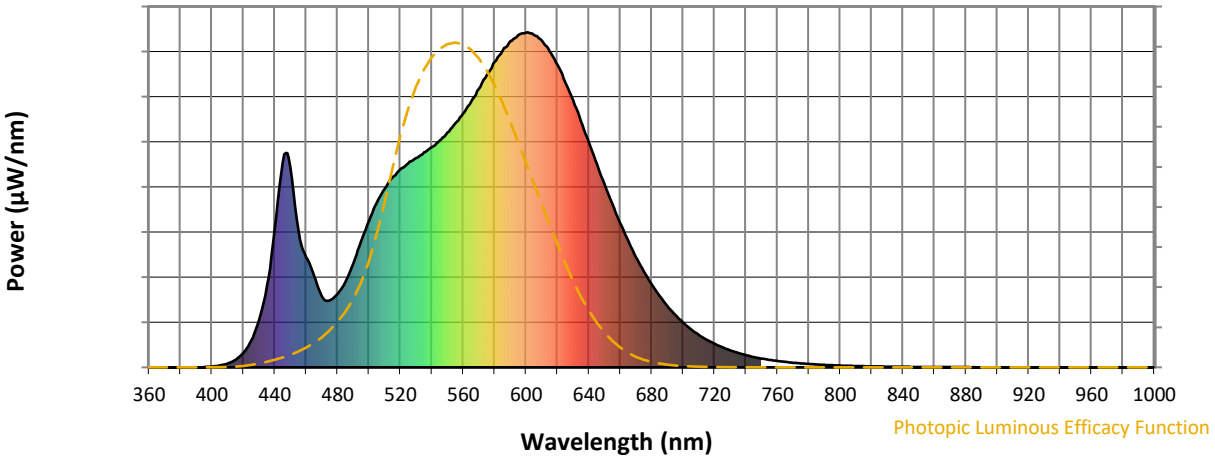


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

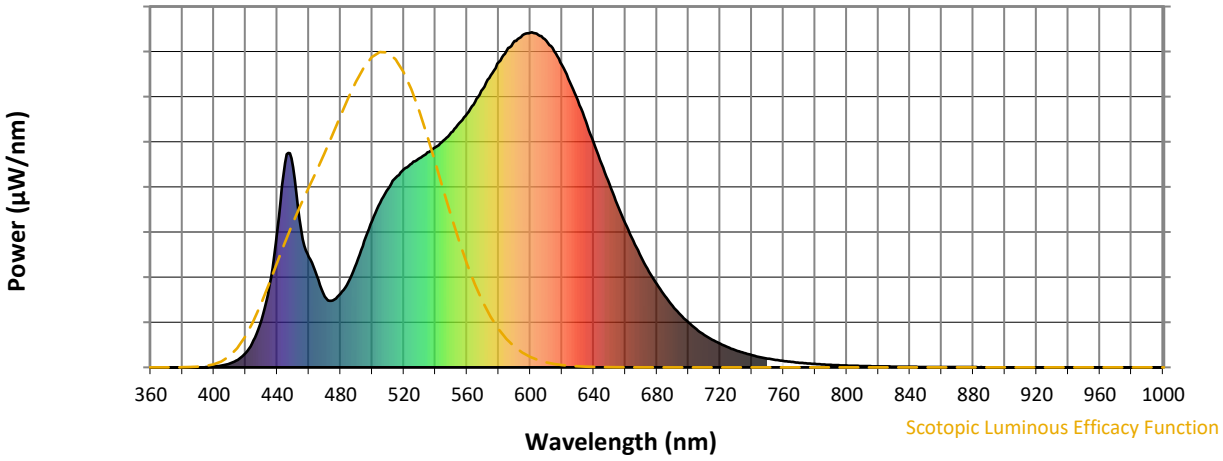


Photopic Lumens: NR

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

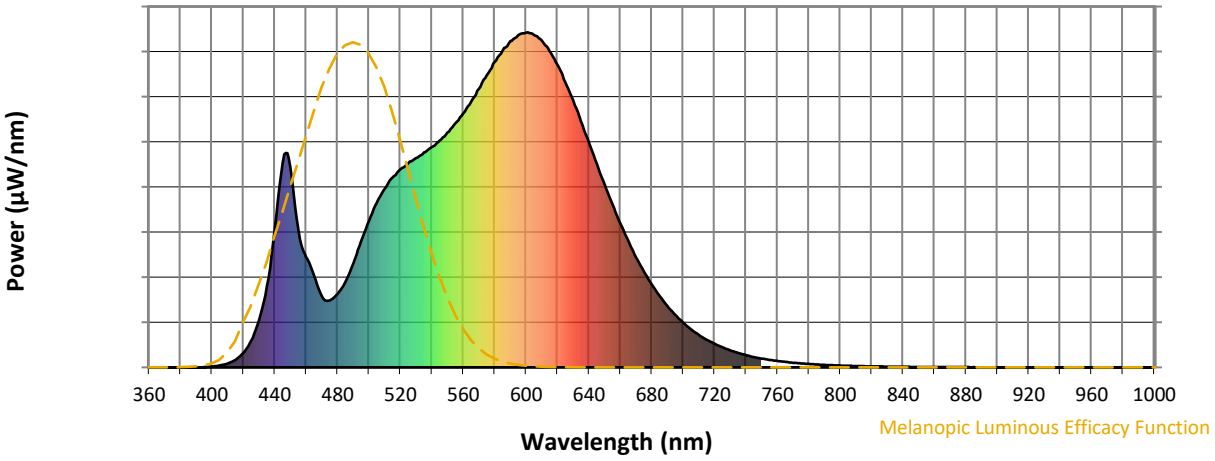


Scotopic Lumens: NR **S/P: 1.48**

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			

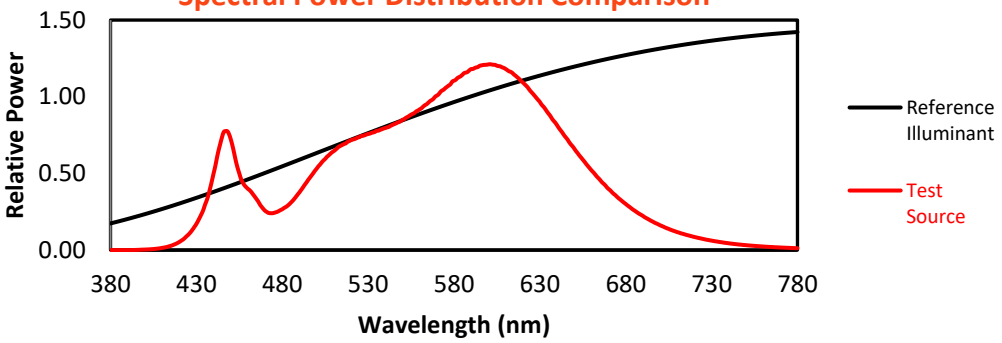
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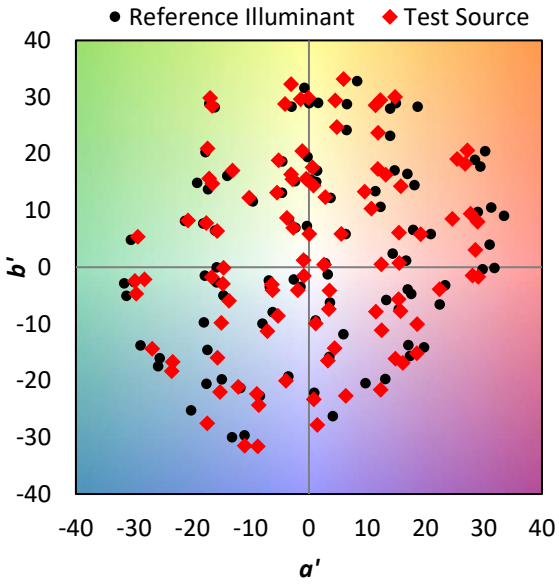
Summary

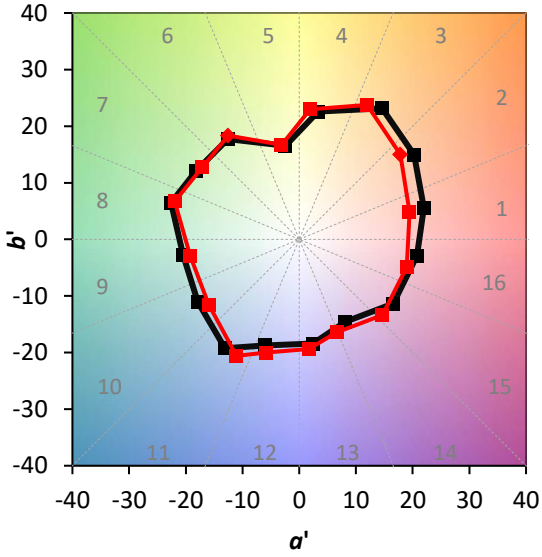
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

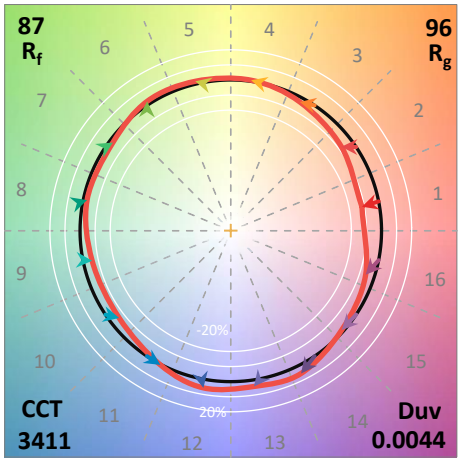
Spectral Power Distribution Comparison

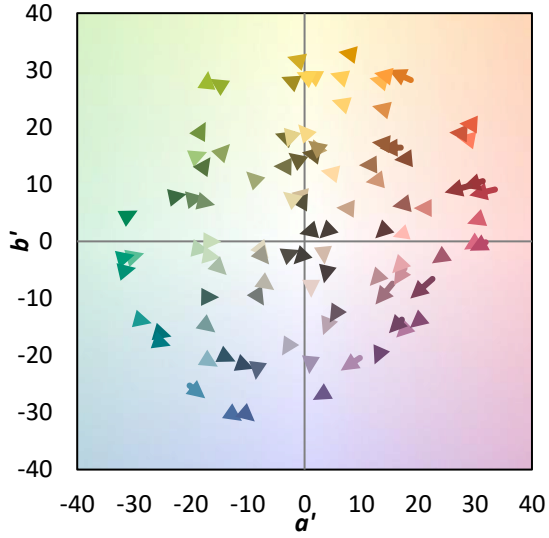


Color Vector Graphics







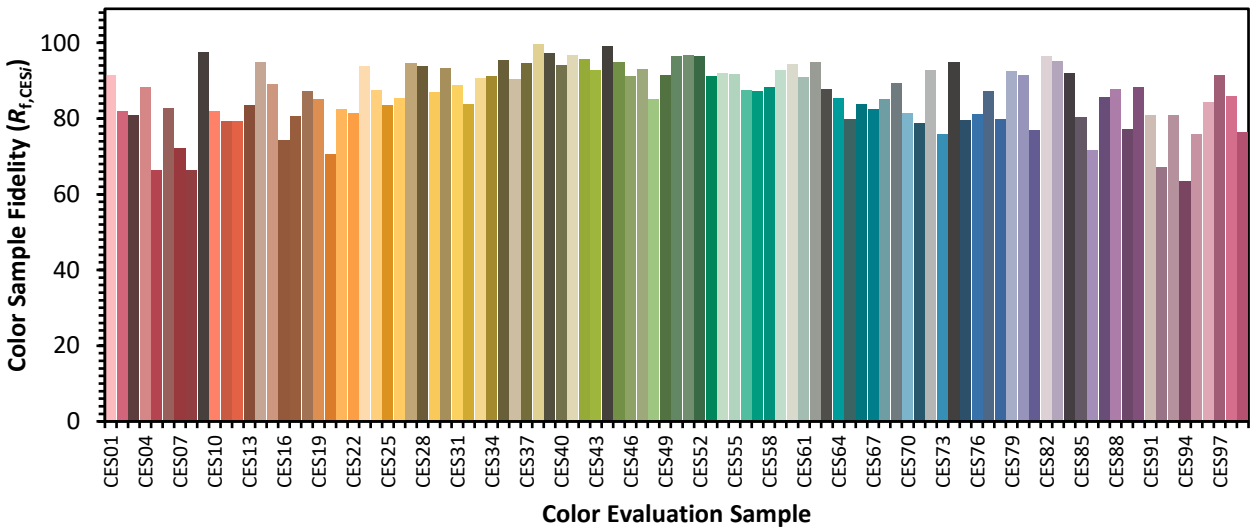


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Individual Sample Fidelity Index ($R_{f,i}$)

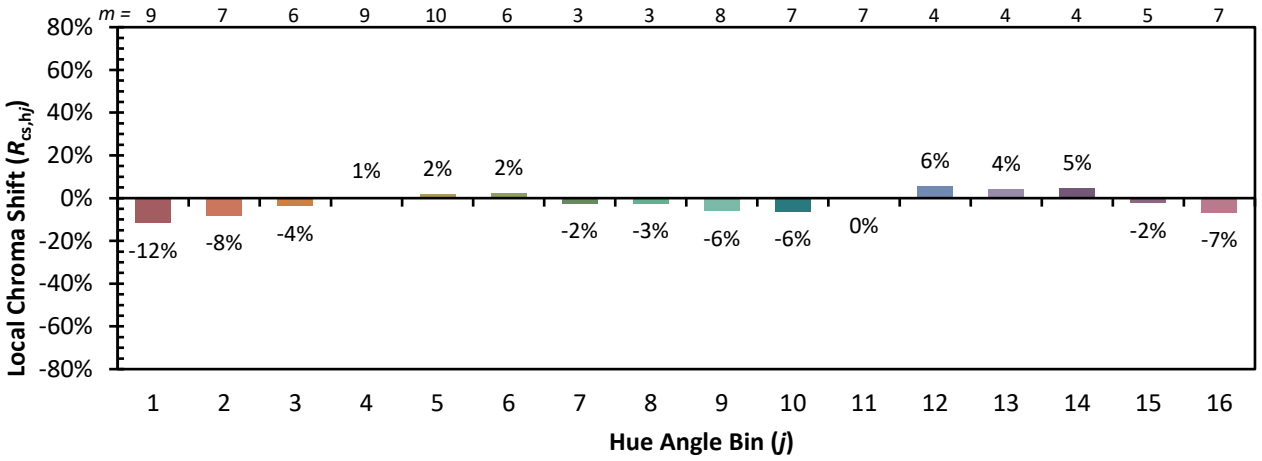
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

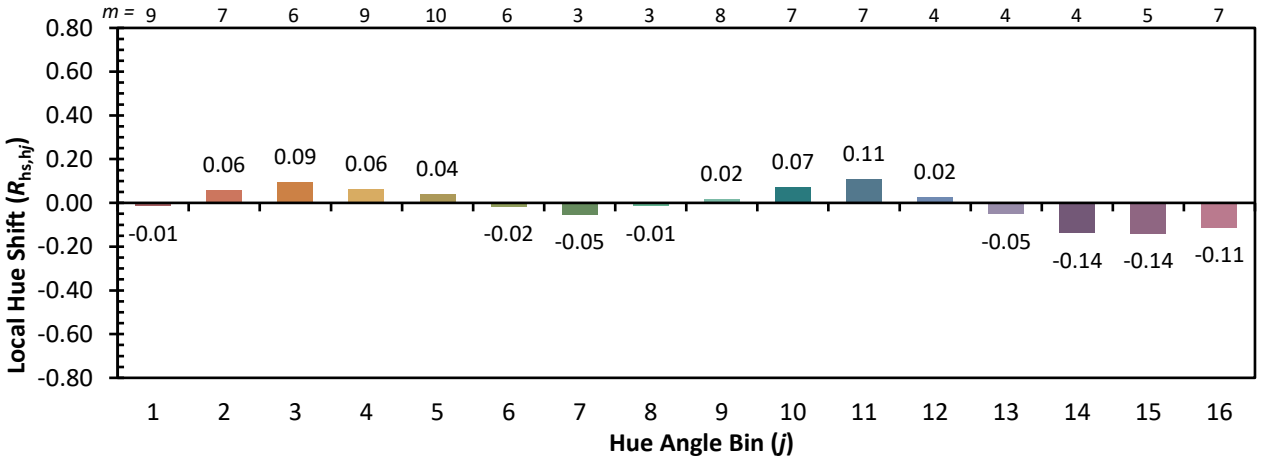


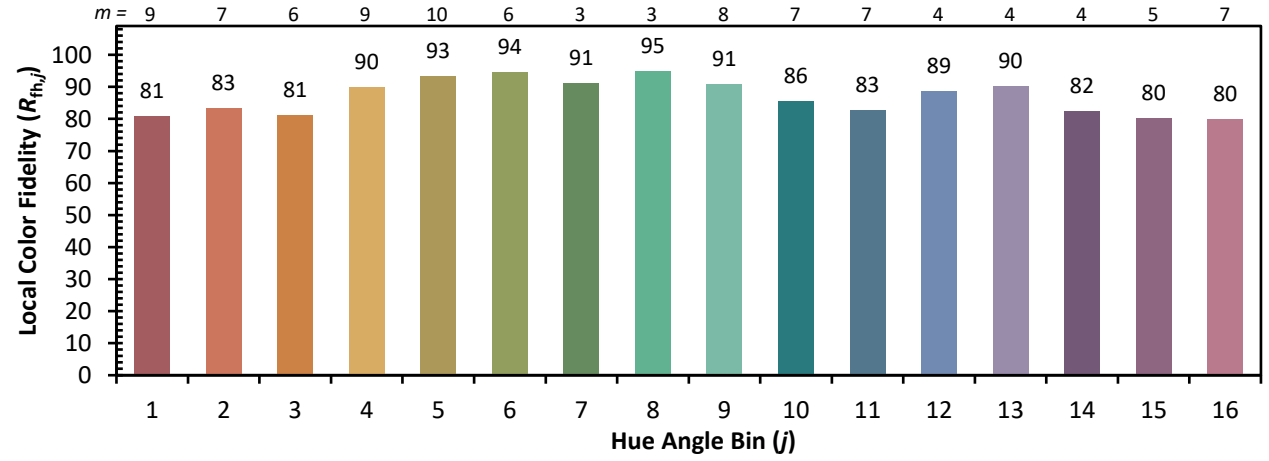
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Color Rendition by Hue-Angle Bin



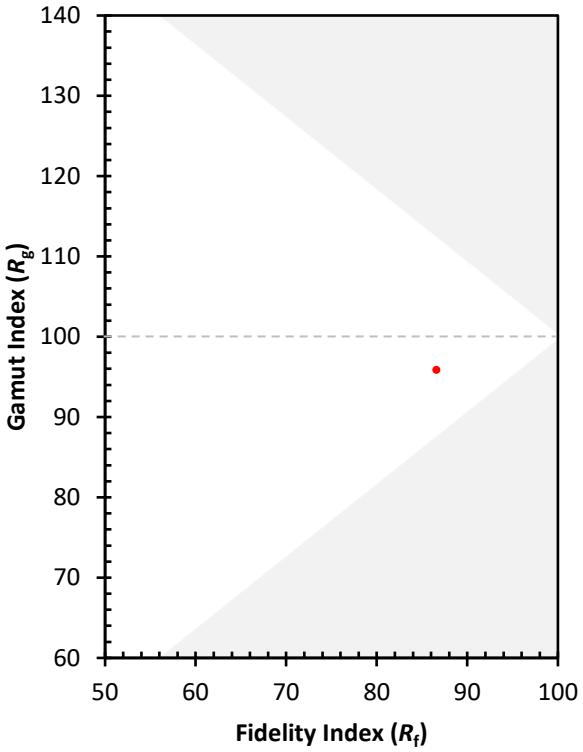


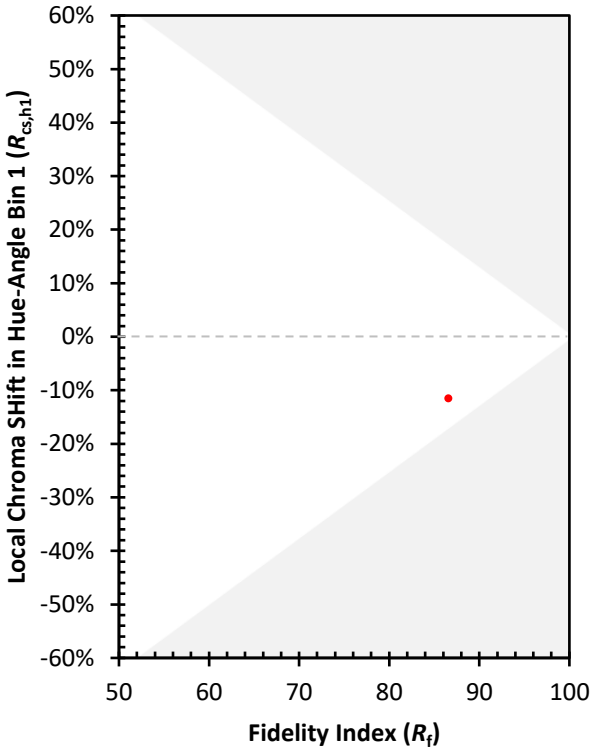


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Measure Comparisons





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