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: P1502709

Luminaire Tested: GSS-SB5A-835-U-T4LG-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:	P1502709
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-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16274.3 lumens
Efficiency:	N/A
Efficacy:	113.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

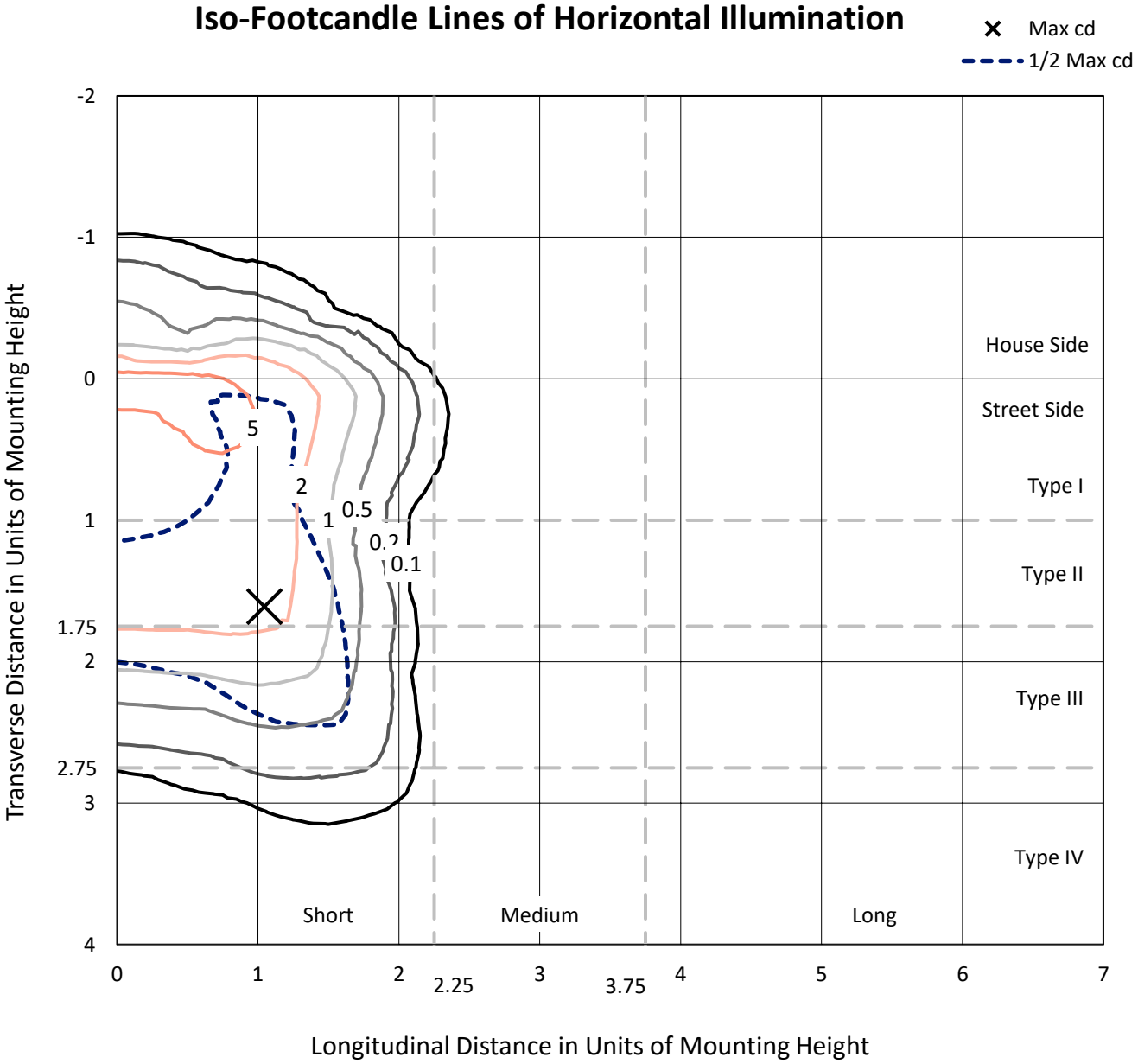
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502709
CATALOG NUMBER: GSS-SB5A-835-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



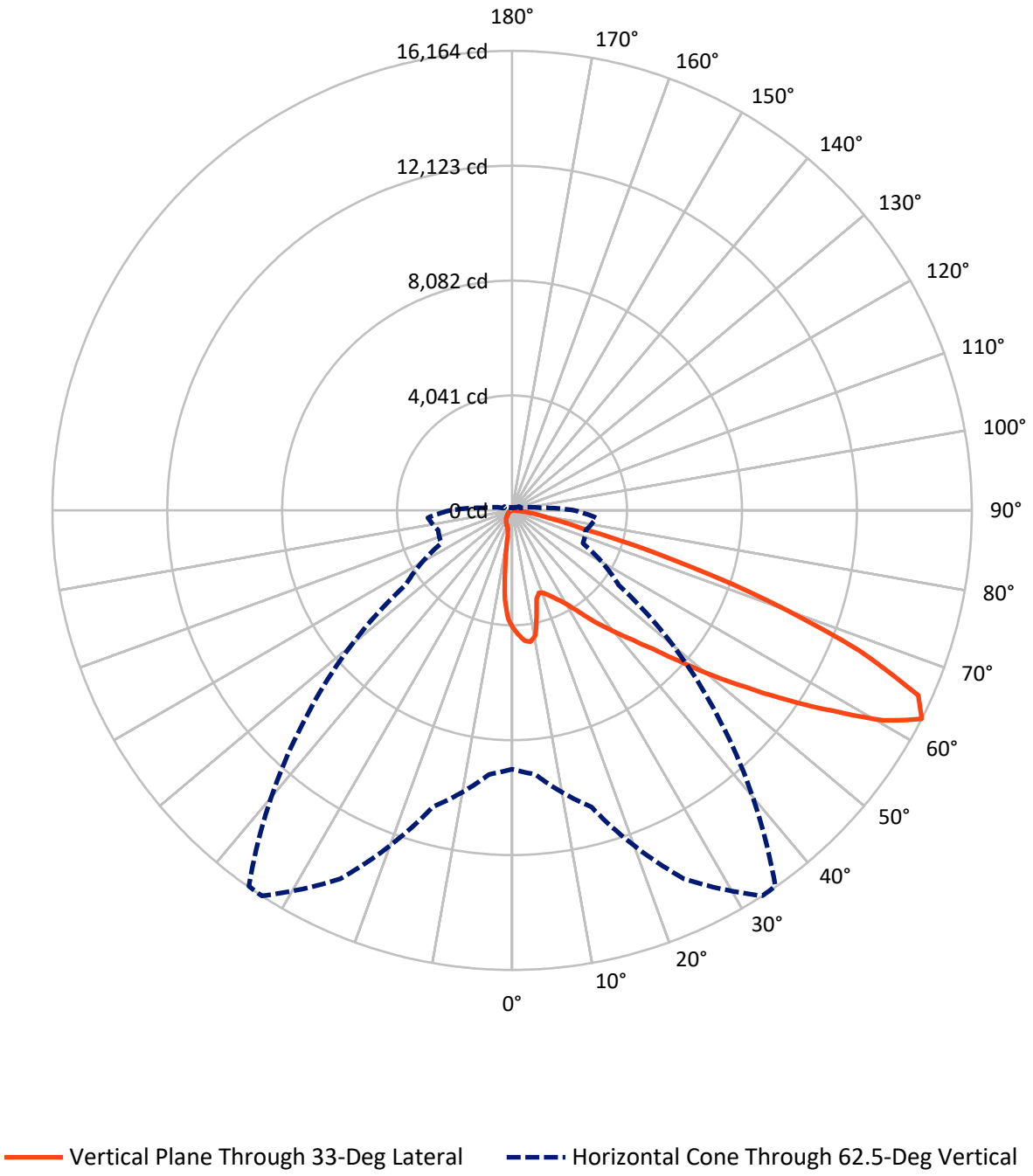
Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

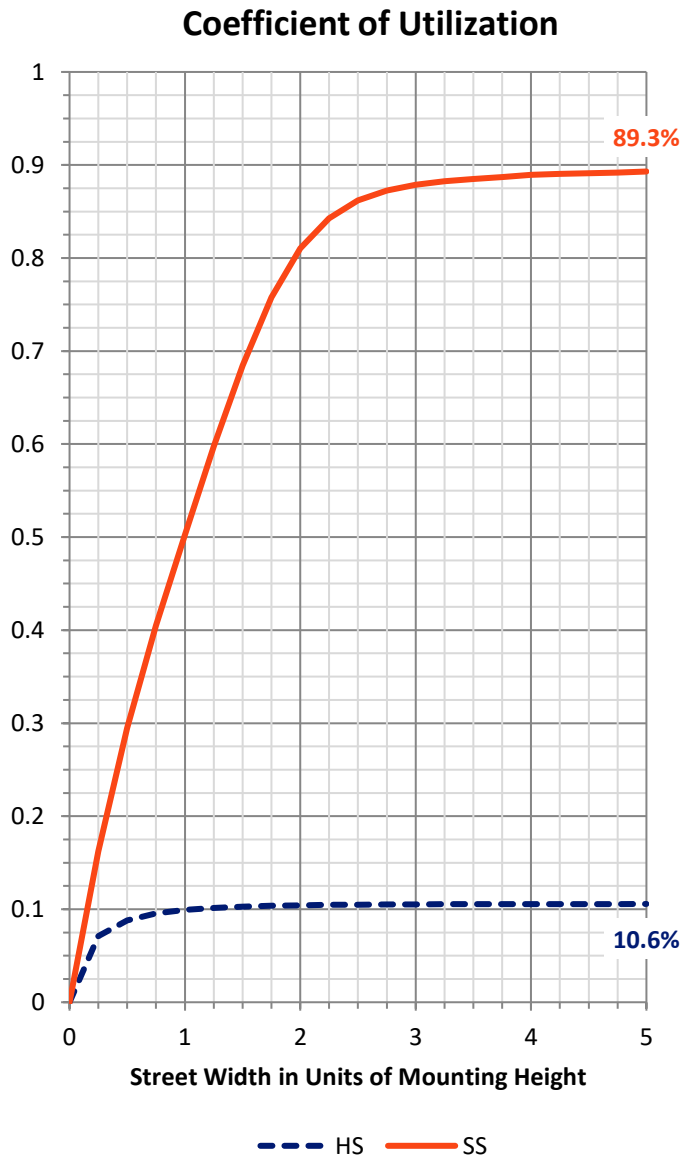
REPORT NUMBER: P1502709
CATALOG NUMBER: GSS-SB5A-835-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1731.7	0.0	1731.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14542.6	0.0	14542.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	16274.3	0.0	16274.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.5	2.2
10°-20°	784.3	4.8
20°-30°	1264.0	7.8
30°-40°	2102.8	12.9
40°-50°	3323.6	20.4
50°-60°	4465.2	27.4
60°-70°	3277.9	20.1
70°-80°	648.7	4.0
80°-90°	56.4	0.3
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°	16274.3	100.0
0°-180°	16274.3	100.0



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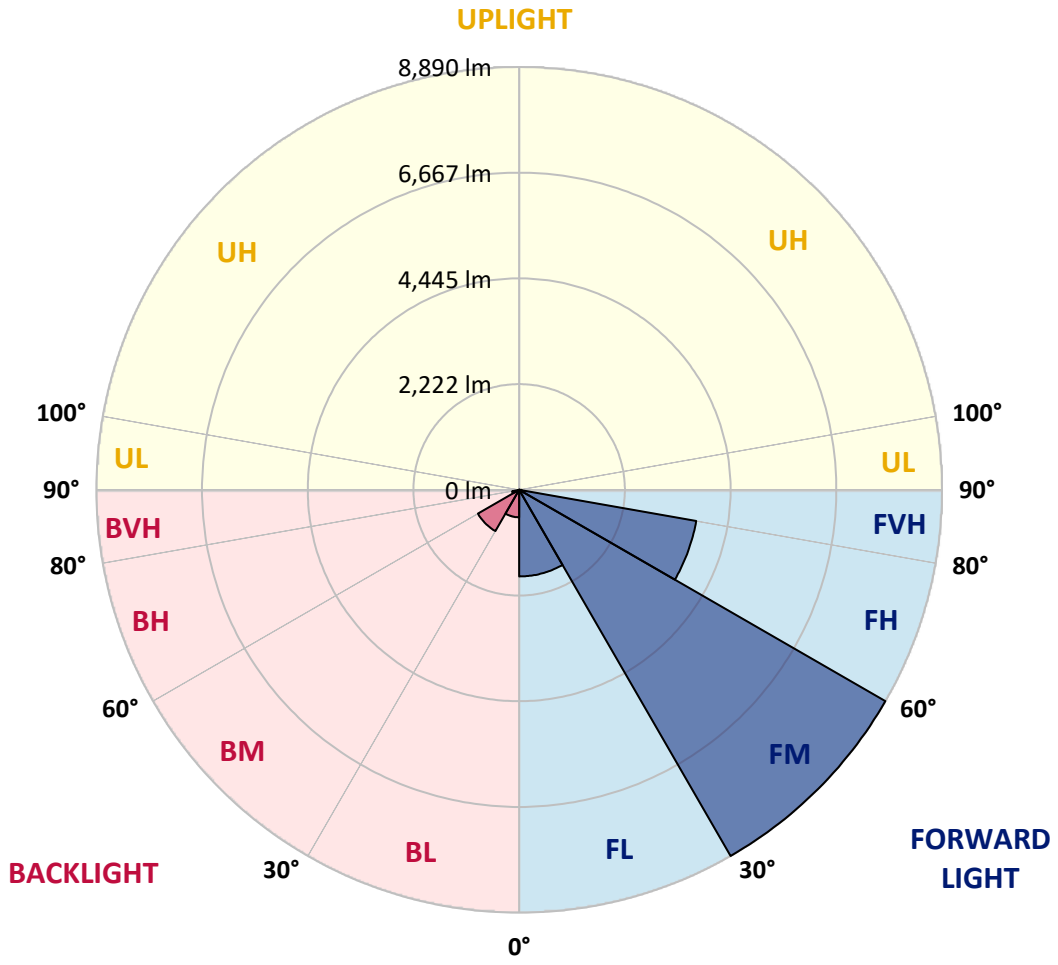
Scaled Data Report

REPORT NUMBER: P1502709
CATALOG NUMBER: GSS-SB5A-835-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1822.0	11.2			
FM	(30°-60°)	8889.8	54.6			
FH	(60°-80°)	3778.7	23.2			G2/5000
FVH	(80°-90°)	52.1	0.3			G1/100
BL	(0°-30°)	577.8	3.6	B2/1000		
BM	(30°-60°)	1001.7	6.2	B2/2500		
BH	(60°-80°)	148.0	0.9	B1/500		G1/500
BVH	(80°-90°)	4.2	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°	33°	35°	45°	55°	65°	75°	85°
0°	4133.9	4133.9	4133.9	4133.9	*4133.9*	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9
2.5°	4404.3	4422.6	4422.6	4385.9	*4376.8*	4358.4	4340.1	4335.5	4275.9	4230.1	4184.3
5°	4628.8	4624.3	4619.7	4601.3	*4605.9*	4583.0	4569.3	4546.3	4445.5	4376.8	4253.0
7.5°	4532.6	4573.8	4592.2	4642.6	*4665.5*	4660.9	4697.6	4706.7	4619.7	4523.4	4335.5
10°	3904.7	3881.8	4046.8	4262.2	*4477.6*	4528.0	4725.1	4830.5	4798.4	4711.3	4468.4
12.5°	3093.5	3116.4	3231.0	3483.1	*3836.0*	3946.0	4514.3	4931.3	5023.0	4968.0	4651.7
15°	2832.3	2832.3	2891.9	3011.0	*3221.9*	3327.3	4028.5	4917.6	5261.3	5265.9	4880.9
17.5°	2777.3	2786.5	2836.9	2914.8	*3052.3*	3098.1	3588.5	4715.9	5495.0	5577.5	5137.5
20°	2786.5	2800.2	2855.2	2965.2	*3098.1*	3153.1	3473.9	4459.3	5692.1	5916.7	5407.9
22.5°	2818.5	2814.0	2910.2	3056.9	*3226.4*	3276.8	3570.2	4353.9	5857.1	6306.2	5724.2
25°	2855.2	2859.8	2983.5	3189.8	*3396.0*	3455.6	3785.6	4450.1	5976.2	6723.3	6045.0
27.5°	2965.2	2979.0	3130.2	3354.8	*3597.7*	3675.6	4065.1	4702.2	6182.5	7126.6	6393.3
30°	3134.8	3148.5	3322.7	3593.1	*3854.3*	3973.5	4413.4	5018.4	6489.5	7594.0	6750.8
32.5°	3331.8	3350.2	3574.7	3886.4	*4202.6*	4317.2	4812.2	5499.6	6897.4	8070.7	7122.0
35°	3579.3	3629.7	3872.6	4243.9	*4670.1*	4780.1	5302.5	6045.0	7429.0	8496.9	7438.2
37.5°	3918.5	3959.7	4257.6	4720.5	*5151.3*	5298.0	5852.5	6617.9	7910.3	8877.3	7694.9
40°	4330.9	4367.6	4702.2	5206.3	*5655.4*	5779.2	6430.0	7195.3	8428.1	9088.1	7749.9
42.5°	5018.4	5119.2	5330.0	5756.3	*6237.5*	6393.3	7071.6	7754.4	8804.0	9129.3	7662.8
45°	6219.1	6251.2	6297.0	6498.7	*6961.6*	7099.1	7749.9	8240.2	9028.5	9138.5	7584.9
47.5°	7369.5	7479.5	7543.6	7635.3	*7914.8*	7965.3	8460.2	8675.6	9207.3	9106.4	7584.9
50°	8519.8	8602.3	8712.3	8822.3	*9120.2*	9138.5	9211.8	8968.9	9216.4	8845.2	7539.0
52.5°	9564.7	9592.2	9780.1	9990.9	*10362.2*	10463.0	9908.5	9184.3	8661.9	8020.3	7323.6
55°	10499.7	10536.3	10820.5	11251.3	*11782.9*	11915.8	10760.9	8767.3	7474.9	6952.4	6824.1
57.5°	11104.6	11191.7	11760.0	12708.7	*13309.0*	13249.5	11420.8	7791.1	6003.7	5687.5	5939.6
60°	10802.1	10921.3	12117.5	13932.3	*15000.2*	14826.0	11237.5	6411.6	4436.3	4207.2	4702.2
62.5°	*9101.8*	*9321.8*	*10802.1*	*14294.4*	*16164.3*	*16136.8*	*10201.8*	*4573.8*	*2749.8*	*2690.2*	*2969.8*
65°	6329.1	6709.5	8464.8	13084.5	*15696.8*	15738.0	8588.5	2662.7	1274.1	1581.1	1737.0
67.5°	3730.6	4001.0	5453.8	10683.0	*13171.6*	12791.2	5838.7	1232.8	637.0	962.4	921.2
70°	1640.7	1824.0	3125.6	7401.6	*9596.8*	8982.7	2850.6	600.4	485.8	582.0	508.7
72.5°	902.9	985.3	1645.3	3909.3	*5838.7*	5550.0	962.4	398.7	417.1	435.4	366.6
75°	504.1	540.8	866.2	2259.4	*2566.5*	2387.7	467.5	261.2	352.9	352.9	270.4
77.5°	293.3	325.4	540.8	1407.0	*1407.0*	1136.6	284.1	165.0	265.8	238.3	146.7
80°	137.5	155.8	297.9	779.1	*889.1*	733.3	160.4	114.6	174.2	151.2	96.2
82.5°	41.2	50.4	146.7	302.5	*504.1*	430.8	82.5	73.3	128.3	96.2	55.0
85°	27.5	32.1	73.3	123.7	*247.5*	215.4	27.5	22.9	55.0	45.8	22.9
87.5°	4.6	4.6	9.2	9.2	*9.2*	9.2	4.6	4.6	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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Scaled Data Report

REPORT NUMBER: P1502709
CATALOG NUMBER: GSS-SB5A-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9	4133.9
2.5°	4156.8	4124.7	4051.4	3982.6	3946.0	3863.5	3831.4	3794.7	3776.4	3771.8	3744.3
5°	4175.1	4115.5	3932.2	3748.9	3556.4	3373.1	3185.2	3020.2	2887.3	2891.9	2896.5
7.5°	4230.1	4111.0	3790.1	3423.5	3011.0	2534.4	2025.7	1645.3	1402.4	1352.0	1306.2
10°	4303.4	4129.3	3616.0	2937.7	2126.5	1338.2	944.1	806.6	747.0	733.3	737.9
12.5°	4440.9	4175.1	3396.0	2268.6	1177.8	769.9	682.9	660.0	650.8	650.8	650.8
15°	4610.5	4239.3	3052.3	1484.9	769.9	641.6	623.3	618.7	609.5	609.5	614.1
17.5°	4752.6	4239.3	2598.6	967.0	632.5	595.8	582.0	577.5	577.5	582.0	577.5
20°	4908.4	4207.2	2089.8	728.7	586.6	554.5	545.4	545.4	545.4	550.0	550.0
22.5°	5068.8	4152.2	1617.8	623.3	545.4	517.9	513.3	517.9	522.5	527.0	527.0
25°	5247.5	4083.5	1278.7	577.5	508.7	485.8	485.8	485.8	490.4	499.5	504.1
27.5°	5444.6	4023.9	1095.3	550.0	476.6	453.7	453.7	458.3	467.5	472.0	476.6
30°	5627.9	4023.9	1035.8	563.7	462.9	435.4	426.2	430.8	440.0	449.1	449.1
32.5°	5857.1	4069.7	1067.8	623.3	458.3	407.9	398.7	398.7	407.9	412.5	412.5
35°	6049.6	4156.8	1177.8	705.8	476.6	385.0	366.6	362.1	371.2	366.6	371.2
37.5°	6205.4	4275.9	1379.5	815.8	513.3	357.5	334.6	320.8	320.8	320.8	320.8
40°	6251.2	4395.1	1636.1	889.1	508.7	325.4	293.3	279.6	275.0	270.4	270.4
42.5°	6187.1	4450.1	1842.4	884.5	453.7	302.5	261.2	242.9	229.2	224.6	224.6
45°	6136.6	4477.6	1915.7	769.9	412.5	275.0	233.7	210.8	197.1	192.5	187.9
47.5°	6141.2	4505.1	1805.7	627.9	375.8	252.1	210.8	187.9	174.2	169.6	165.0
50°	6159.6	4459.3	1530.7	522.5	343.7	229.2	187.9	169.6	155.8	151.2	146.7
52.5°	5967.1	4216.4	1077.0	458.3	316.2	215.4	169.6	155.8	142.1	137.5	137.5
55°	5462.9	3634.3	728.7	407.9	293.3	197.1	155.8	146.7	132.9	123.7	123.7
57.5°	4656.3	2740.6	504.1	371.2	256.6	178.7	146.7	132.9	119.2	110.0	110.0
60°	3561.0	1787.4	366.6	339.1	210.8	165.0	137.5	128.3	110.0	100.8	96.2
62.5°	*2167.8*	*1003.7*	*297.9*	*297.9*	*178.7*	*155.8*	*123.7*	*114.6*	*96.2*	*82.5*	*77.9*
65°	1255.7	591.2	242.9	252.1	155.8	142.1	110.0	96.2	77.9	64.2	59.6
67.5°	605.0	343.7	192.5	178.7	137.5	119.2	96.2	82.5	68.7	55.0	50.4
70°	371.2	265.8	146.7	128.3	110.0	91.7	77.9	73.3	59.6	45.8	45.8
72.5°	302.5	215.4	114.6	91.7	82.5	64.2	64.2	59.6	45.8	36.7	32.1
75°	238.3	160.4	87.1	64.2	50.4	50.4	45.8	41.2	36.7	27.5	27.5
77.5°	128.3	110.0	64.2	36.7	27.5	32.1	32.1	27.5	22.9	18.3	18.3
80°	82.5	64.2	36.7	18.3	18.3	18.3	18.3	13.7	13.7	9.2	9.2
82.5°	41.2	32.1	18.3	4.6	9.2	9.2	9.2	9.2	9.2	4.6	4.6
85°	9.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
87.5°	0.0	0.0	0.0	0.0	0.0	4.6	4.6	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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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

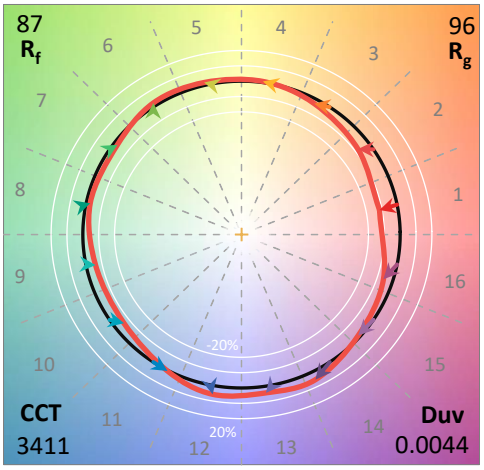
Test Information

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

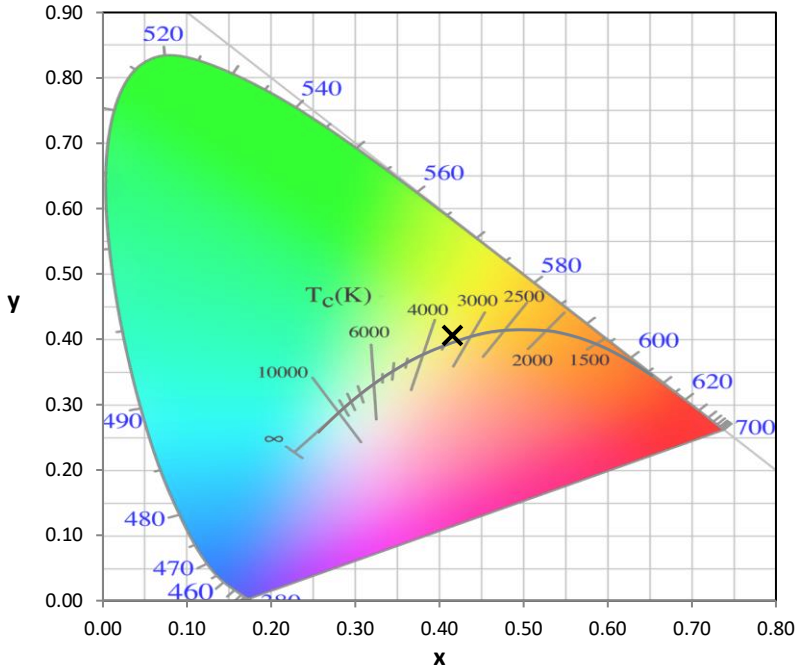
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

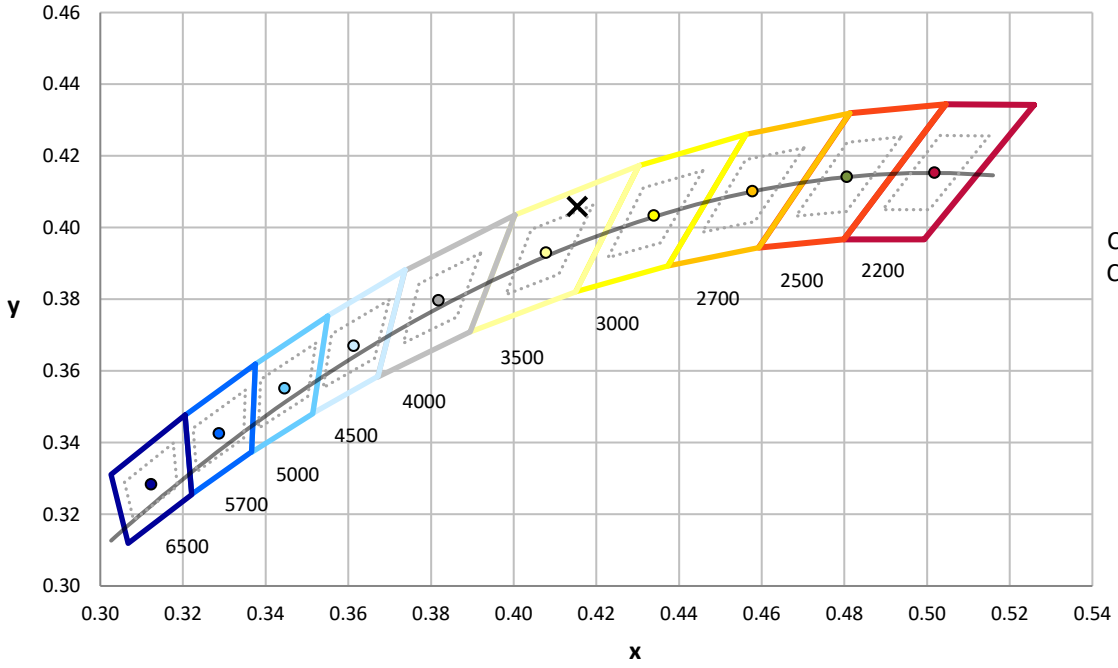
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

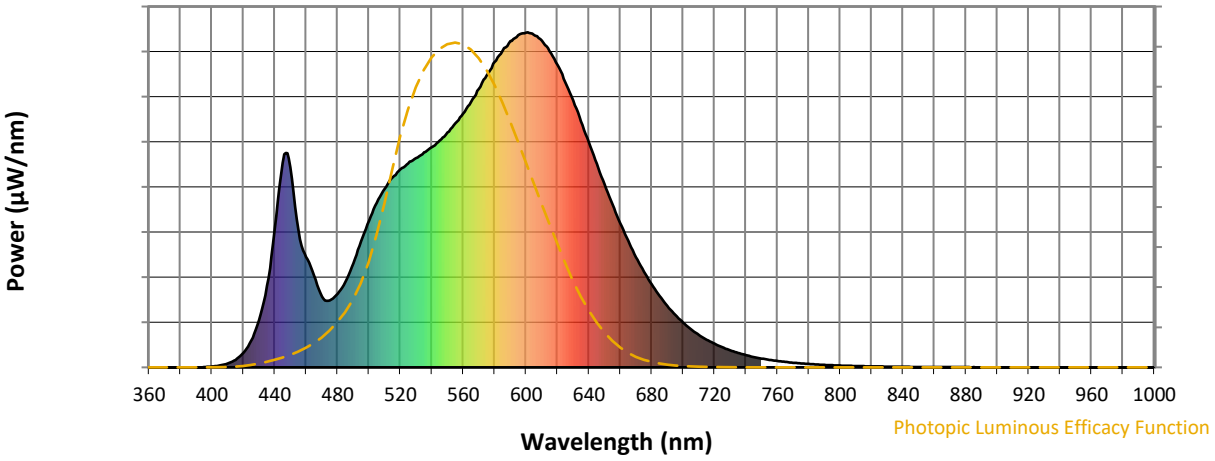


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

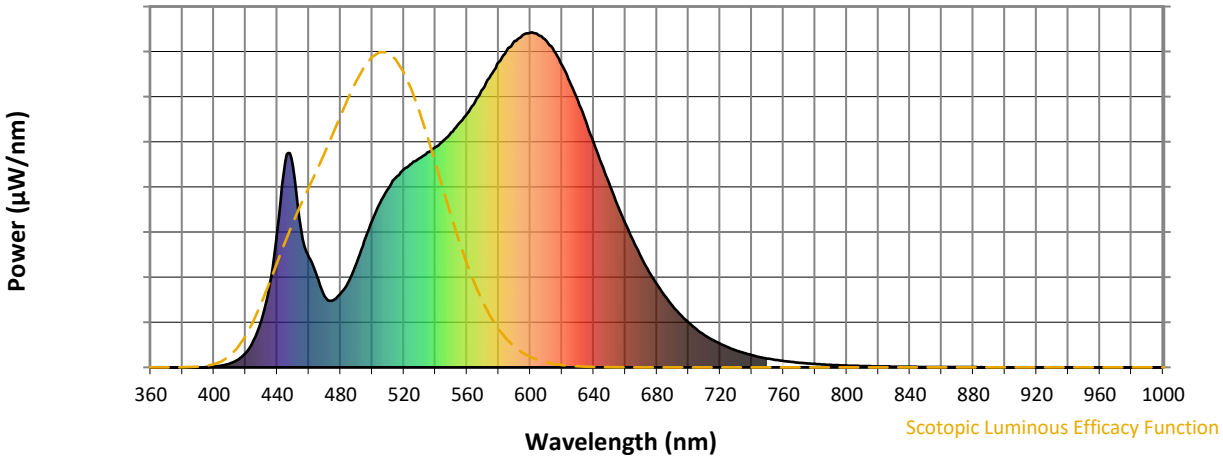


Photopic Lumens: NR

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

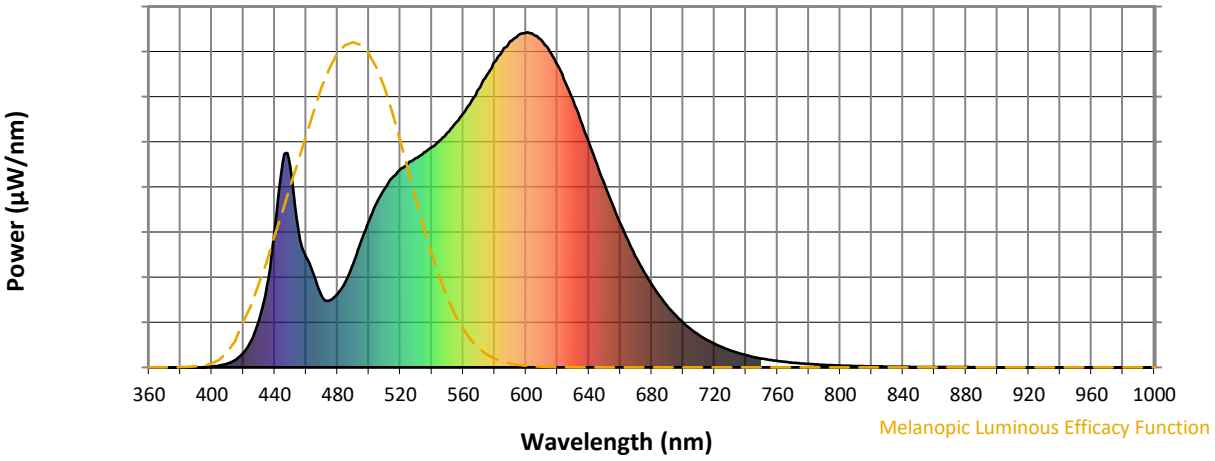


Scotopic Lumens: NR **S/P: 1.48**

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			

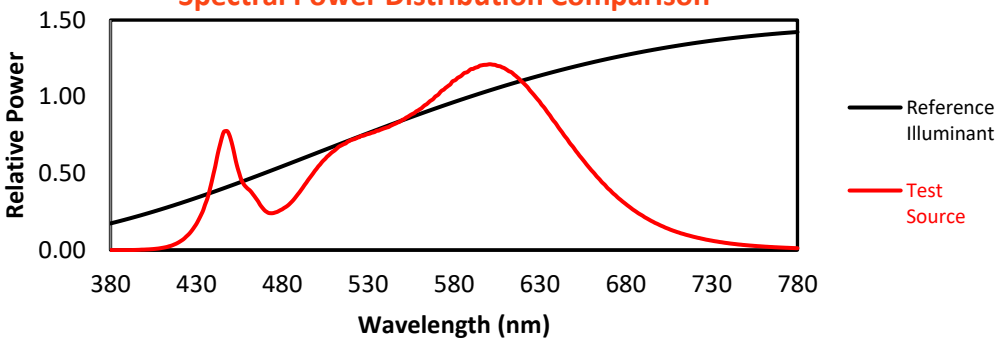
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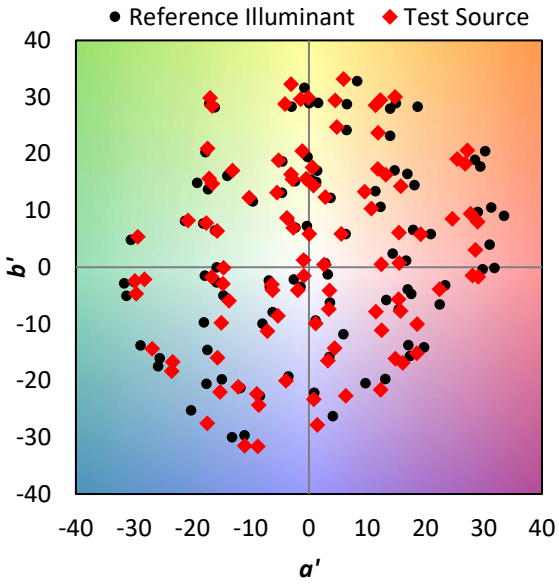
Summary

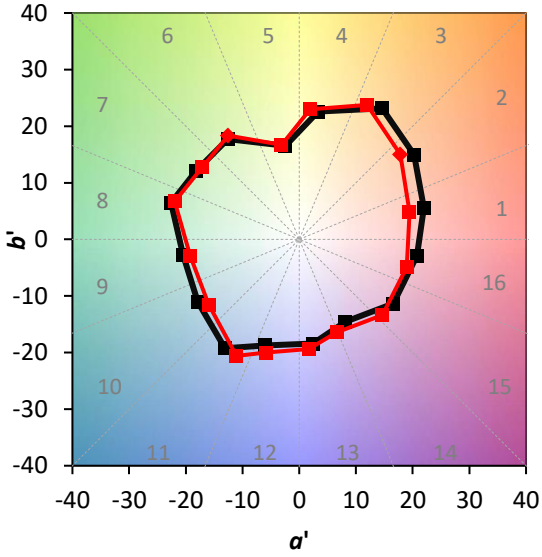
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

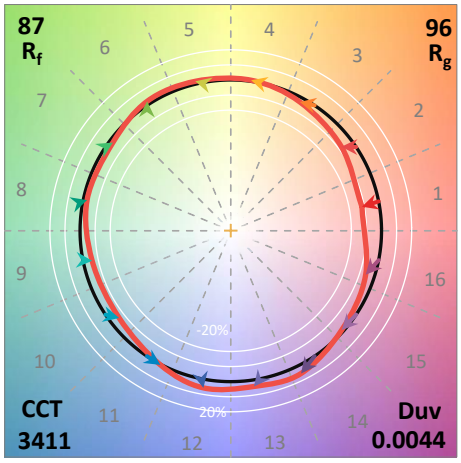
Spectral Power Distribution Comparison

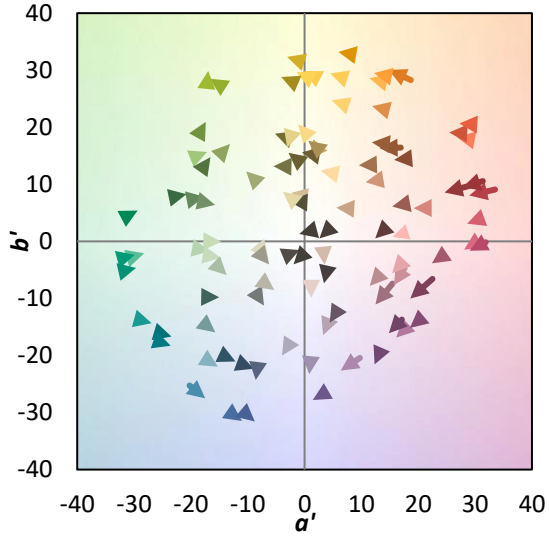


Color Vector Graphics







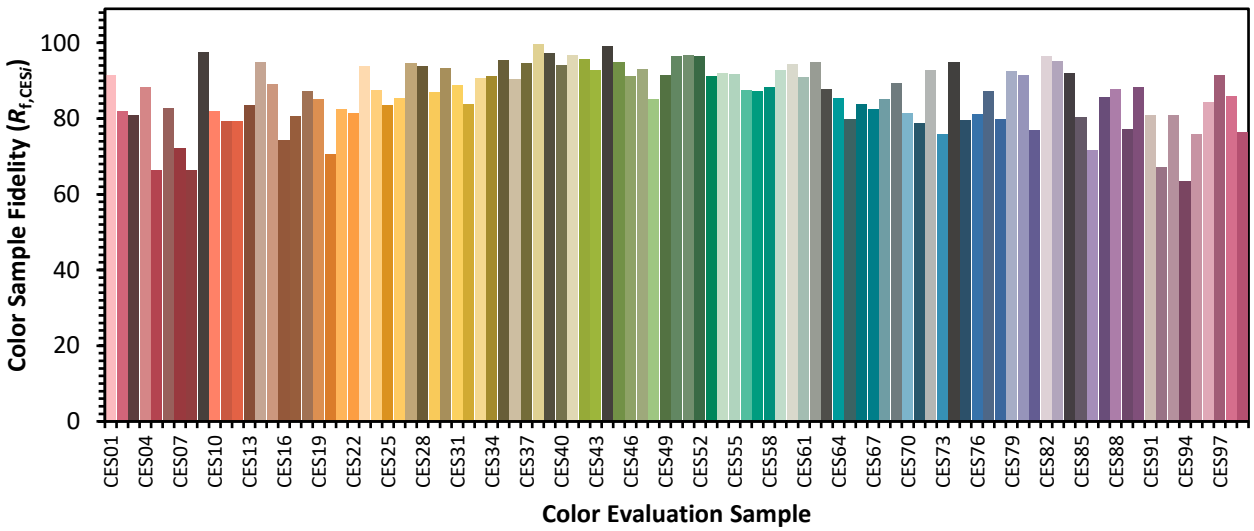


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Individual Sample Fidelity Index ($R_{f,i}$)

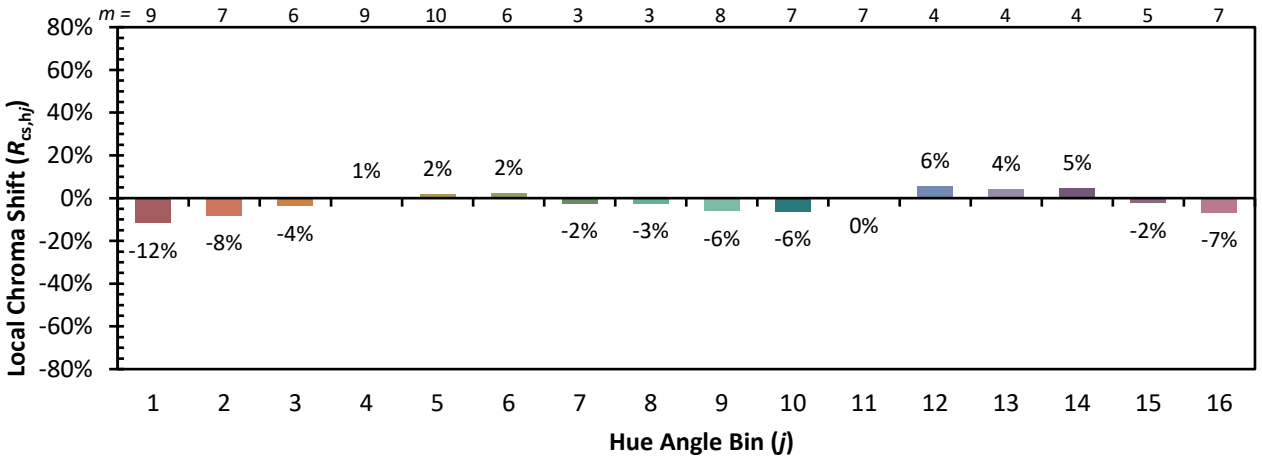
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

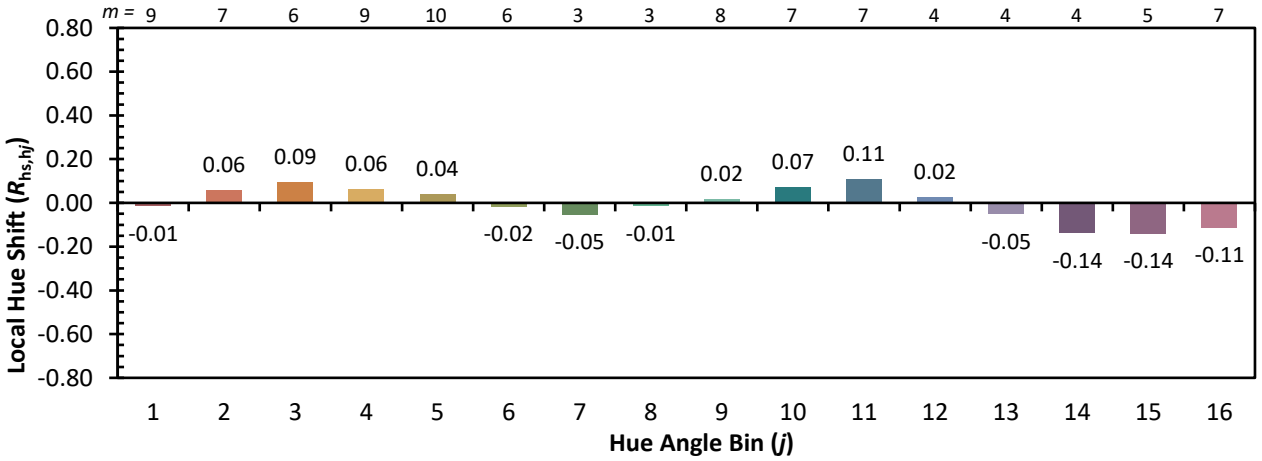


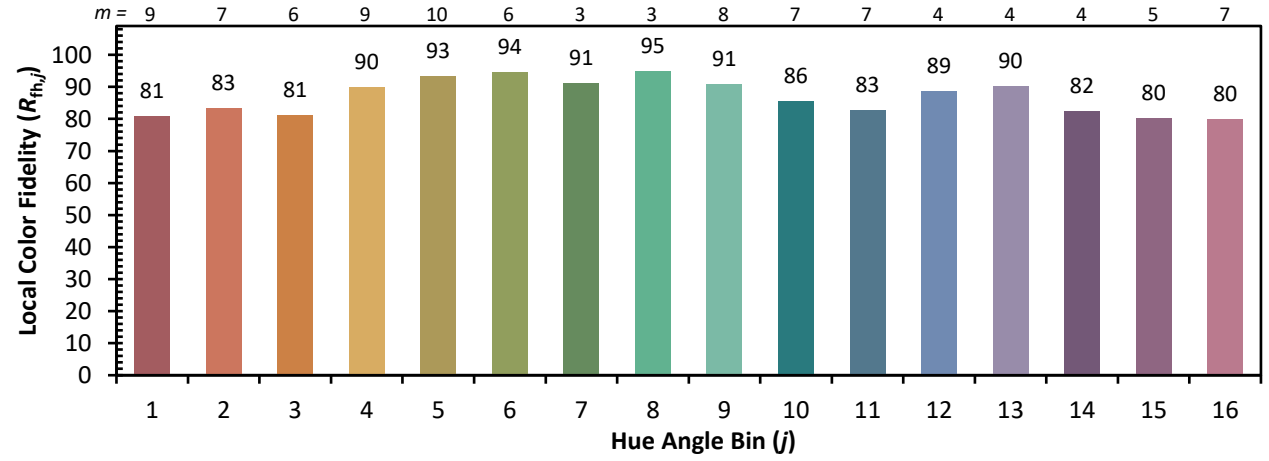
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Color Rendition by Hue-Angle Bin



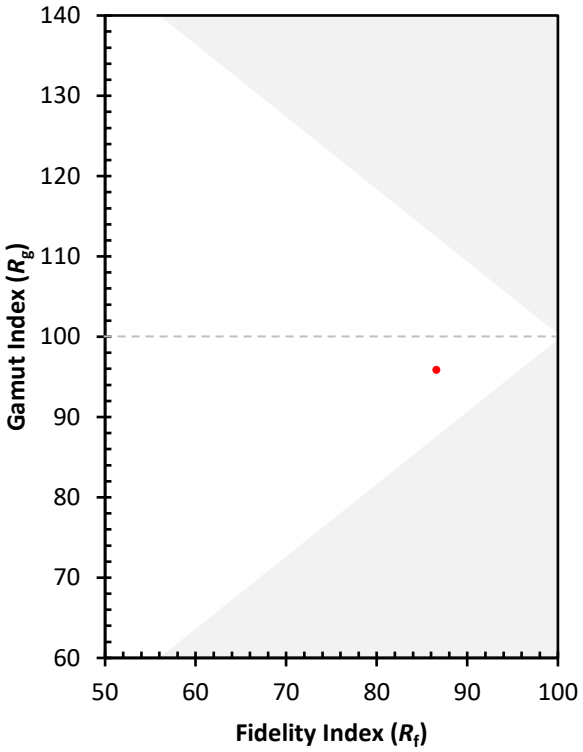


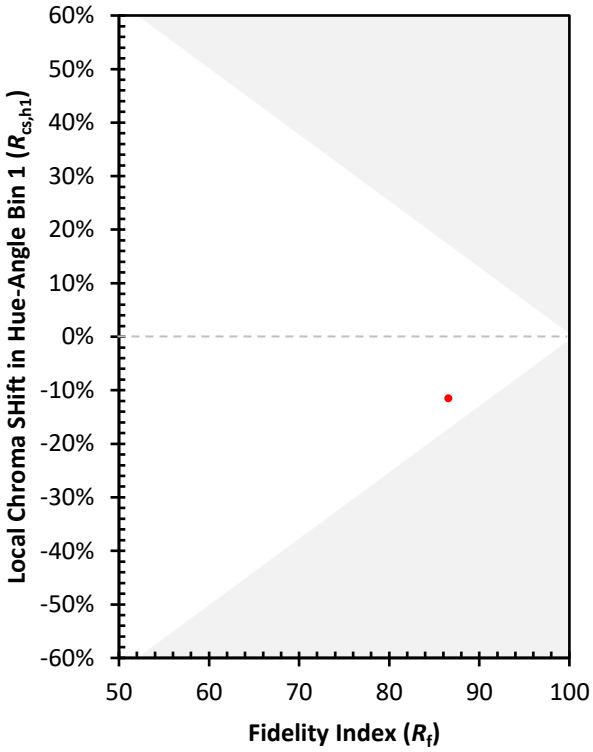


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Measure Comparisons





(END OF REPORT)