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: P1502707

Luminaire Tested: GSS-SB4C-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:	P1502707
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-835-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 3500K FIXTURE w/ TYPE IV 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:	21642.6 lumens
Efficiency:	N/A
Efficacy:	106.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

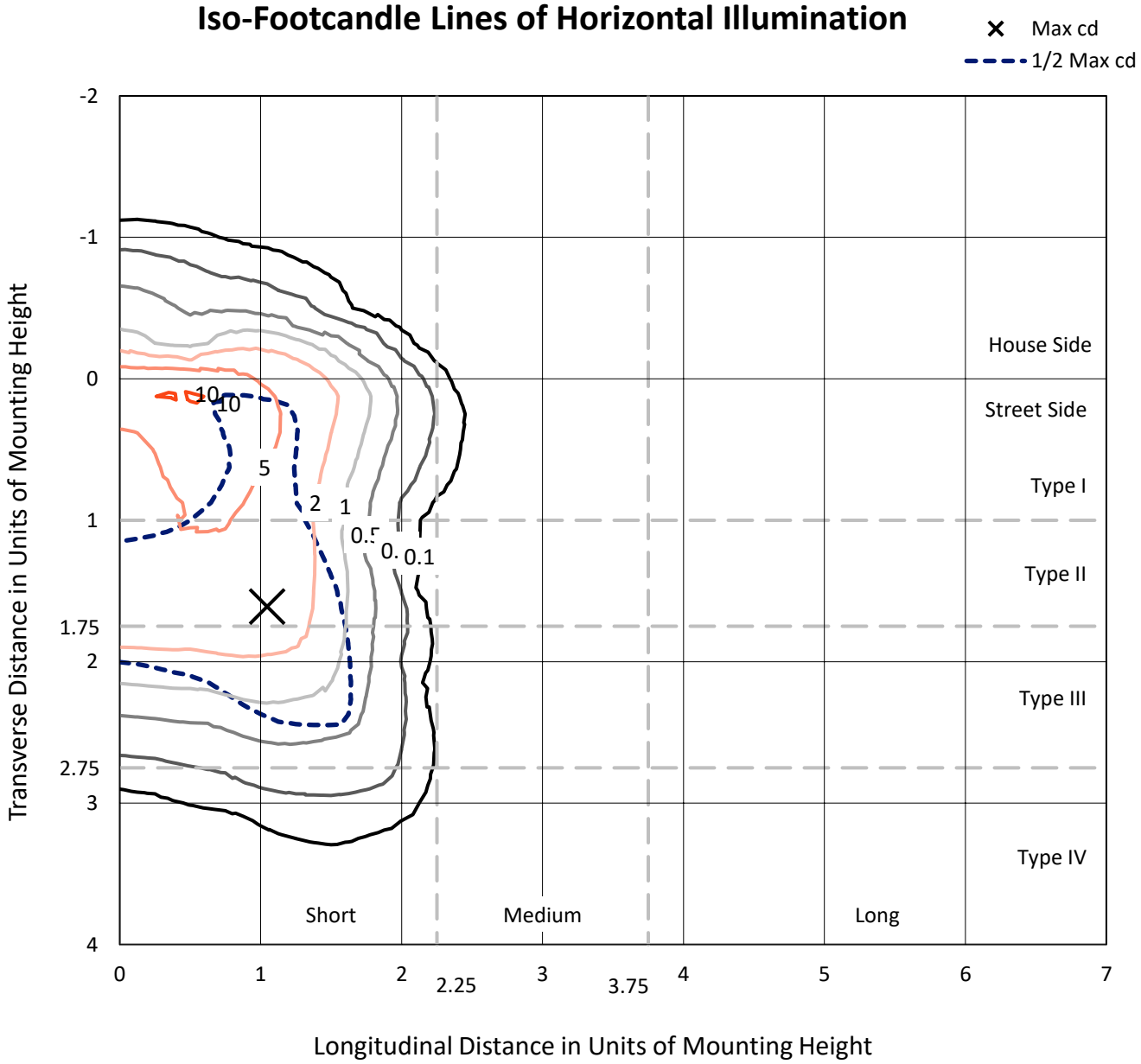
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502707
CATALOG NUMBER: GSS-SB4C-835-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



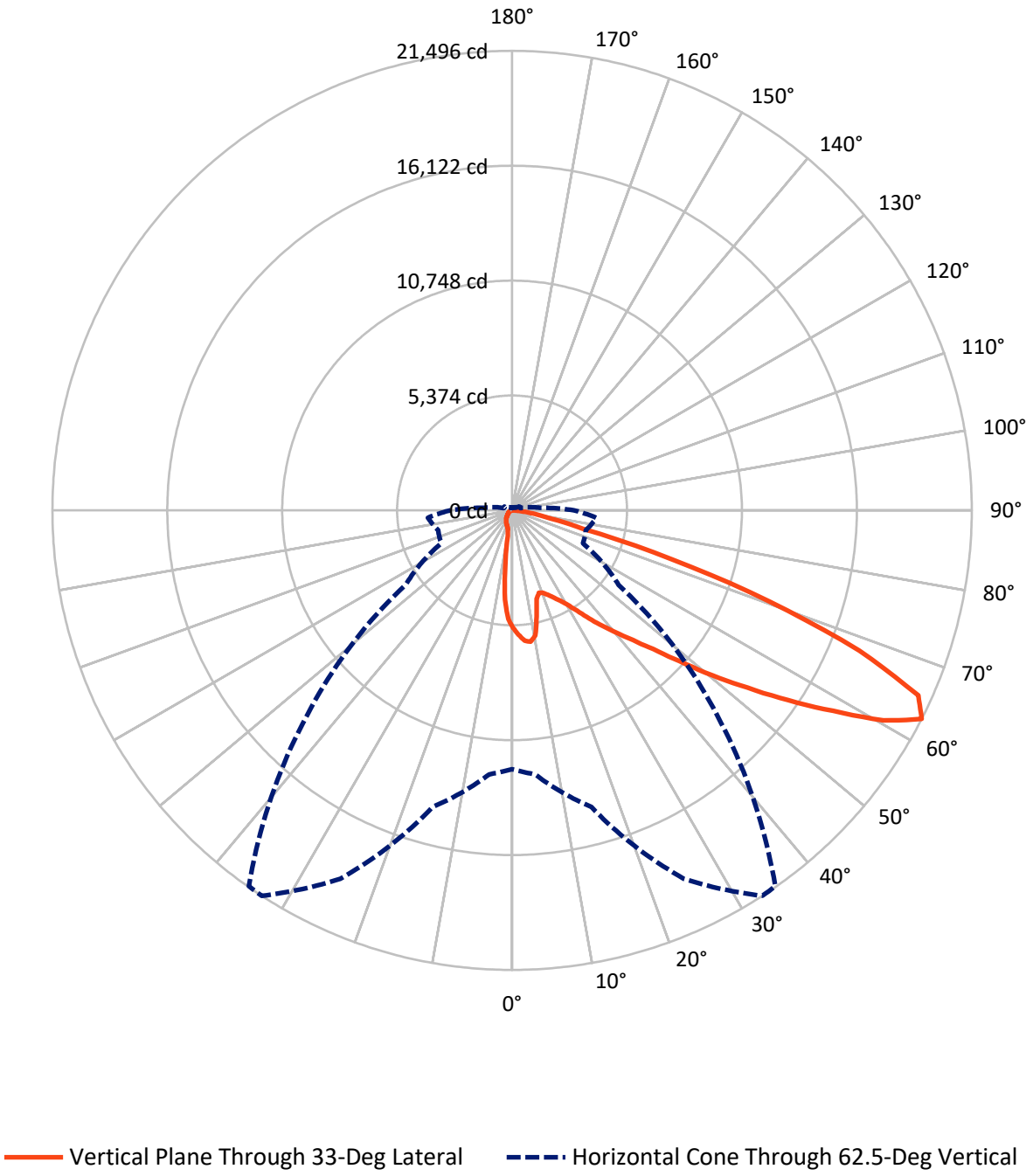
Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1502707
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Luminous Intensity Polar Plot



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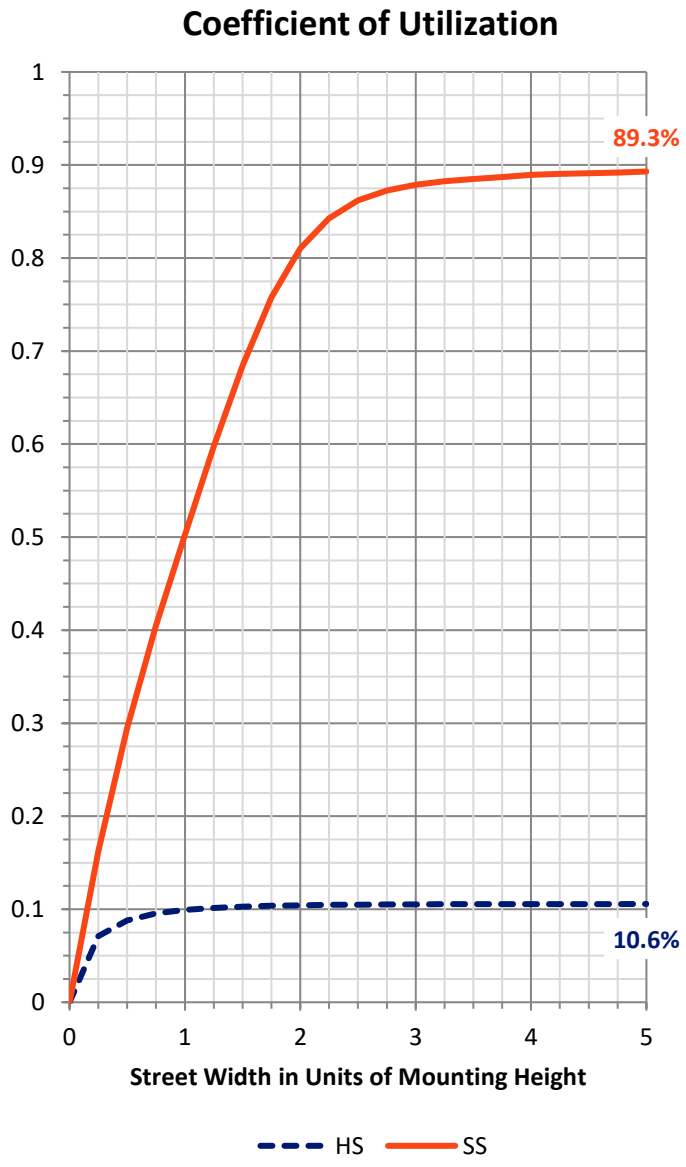
REPORT NUMBER: P1502707
CATALOG NUMBER: GSS-SB4C-835-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2302.9	0.0	2302.9
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	19339.6	0.0	19339.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	21642.6	0.0	21642.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	467.4	2.2
10°-20°	1043.0	4.8
20°-30°	1681.0	7.8
30°-40°	2796.4	12.9
40°-50°	4419.9	20.4
50°-60°	5938.0	27.4
60°-70°	4359.1	20.1
70°-80°	862.7	4.0
80°-90°	75.0	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°	21642.6	100.0
0°-180°	21642.6	100.0



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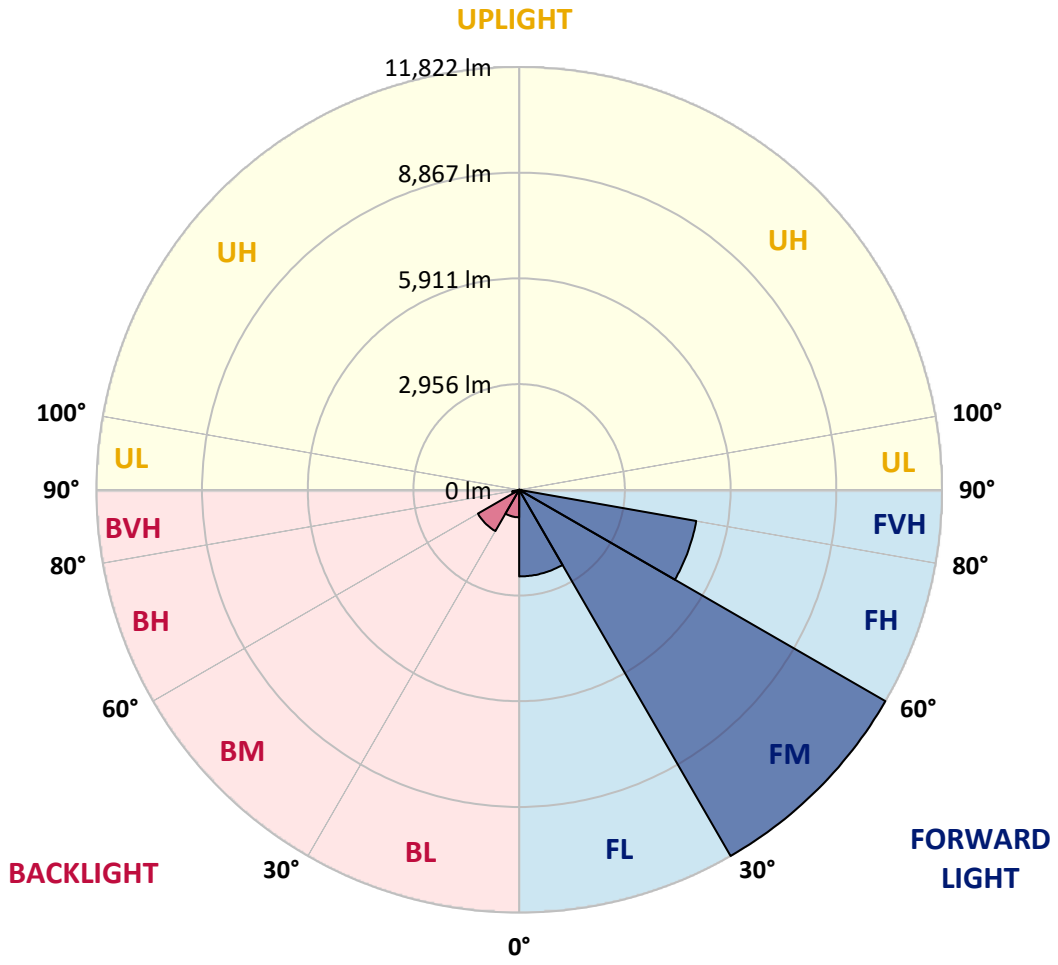
Scaled Data Report

REPORT NUMBER: P1502707
CATALOG NUMBER: GSS-SB4C-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°)	2423.0	11.2			
FM	(30°-60°)	11822.2	54.6			
FH	(60°-80°)	5025.1	23.2			G3/7500
FVH	(80°-90°)	69.3	0.3			G1/100
BL	(0°-30°)	768.4	3.6	B2/1000		
BM	(30°-60°)	1332.2	6.2	B2/2500		
BH	(60°-80°)	196.8	0.9	B1/500		G1/500
BVH	(80°-90°)	5.6	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-G3
Type III Short



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REPORT NUMBER: P1502707
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5
2.5°	5857.0	5881.4	5881.4	5832.7	5820.5	5796.1	5771.7	5765.6	5686.4	5625.4	5564.5
5°	6155.7	6149.6	6143.5	6119.1	6125.2	6094.7	6076.5	6046.0	5911.9	5820.5	5655.9
7.5°	6027.7	6082.6	6106.9	6174.0	6204.4	6198.4	6247.1	6259.3	6143.5	6015.5	5765.6
10°	5192.7	5162.2	5381.7	5668.1	5954.6	6021.6	6283.7	6423.9	6381.2	6265.4	5942.4
12.5°	4114.0	4144.4	4296.8	4632.0	5101.3	5247.6	6003.3	6557.9	6679.8	6606.7	6186.2
15°	3766.6	3766.6	3845.8	4004.2	4284.6	4424.8	5357.3	6539.7	6996.8	7002.9	6490.9
17.5°	3693.4	3705.6	3772.6	3876.3	4059.1	4120.0	4772.2	6271.5	7307.6	7417.3	6832.2
20°	3705.6	3723.9	3797.0	3943.3	4120.0	4193.2	4619.8	5930.2	7569.7	7868.3	7191.8
22.5°	3748.3	3742.2	3870.2	4065.2	4290.7	4357.7	4747.8	5790.0	7789.1	8386.4	7612.3
25°	3797.0	3803.1	3967.7	4241.9	4516.2	4595.4	5034.3	5918.0	7947.5	8941.0	8039.0
27.5°	3943.3	3961.6	4162.7	4461.4	4784.4	4888.0	5406.0	6253.2	8221.8	9477.3	8502.2
30°	4168.8	4187.1	4418.7	4778.3	5125.7	5284.1	5869.2	6673.7	8630.2	10099.0	8977.6
32.5°	4430.9	4455.3	4753.9	5168.3	5588.9	5741.2	6399.5	7313.7	9172.6	10732.8	9471.2
35°	4760.0	4827.0	5150.1	5643.7	6210.5	6356.8	7051.6	8039.0	9879.6	11299.7	9891.8
37.5°	5211.0	5265.9	5662.0	6277.6	6850.5	7045.5	7783.0	8800.8	10519.5	11805.5	10233.1
40°	5759.5	5808.3	6253.2	6923.6	7520.9	7685.5	8550.9	9568.7	11208.2	12085.9	10306.2
42.5°	6673.7	6807.8	7088.2	7655.0	8294.9	8502.2	9404.2	10312.3	11708.0	12140.7	10190.4
45°	8270.6	8313.2	8374.2	8642.3	9257.9	9440.8	10306.2	10958.3	12006.6	12152.9	10086.8
47.5°	9800.3	9946.6	10031.9	10153.8	10525.6	10592.7	11250.9	11537.3	12244.3	12110.3	10086.8
50°	11330.1	11439.8	11586.1	11732.4	12128.5	12152.9	12250.4	11927.4	12256.5	11762.9	10025.9
52.5°	12719.7	12756.3	13006.2	13286.5	13780.2	13914.3	13176.8	12213.9	11519.1	10665.8	9739.4
55°	13963.1	14011.8	14389.7	14962.6	15669.6	15846.3	14310.5	11659.2	9940.5	9245.7	9075.1
57.5°	14767.6	14883.4	15639.1	16900.7	17699.1	17619.9	15188.1	10361.1	7984.1	7563.6	7898.8
60°	14365.3	14523.8	16114.5	18528.0	19948.1	19716.5	14944.3	8526.5	5899.7	5595.0	6253.2
62.5°	12104.2	12396.7	14365.3	19009.5	21496.2	21459.6	13566.9	6082.6	3656.8	3577.6	3949.4
65°	8416.8	8922.7	11257.0	17400.5	20874.5	20929.3	11421.5	3541.0	1694.3	2102.7	2309.9
67.5°	4961.1	5320.7	7252.7	14206.8	17516.3	17010.4	7764.7	1639.5	847.2	1279.9	1225.0
70°	2181.9	2425.7	4156.6	9843.0	12762.4	11945.7	3790.9	798.4	646.0	774.0	676.5
72.5°	1200.7	1310.4	2188.0	5198.8	7764.7	7380.7	1279.9	530.2	554.6	579.0	487.6
75°	670.4	719.2	1151.9	3004.7	3413.1	3175.4	621.7	347.4	469.3	469.3	359.6
77.5°	390.1	432.7	719.2	1871.1	1871.1	1511.5	377.9	219.4	353.5	316.9	195.0
80°	182.8	207.2	396.2	1036.1	1182.4	975.2	213.3	152.4	231.6	201.1	128.0
82.5°	54.9	67.0	195.0	402.3	670.4	572.9	109.7	97.5	170.7	128.0	73.1
85°	36.6	42.7	97.5	164.6	329.1	286.5	36.6	30.5	73.1	60.9	30.5
87.5°	6.1	6.1	12.2	12.2	12.2	12.2	6.1	6.1	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: P1502707
CATALOG NUMBER: GSS-SB4C-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5	5497.5
2.5°	5527.9	5485.3	5387.8	5296.3	5247.6	5137.9	5095.2	5046.4	5022.1	5016.0	4979.4
5°	5552.3	5473.1	5229.3	4985.5	4729.5	4485.7	4235.8	4016.4	3839.7	3845.8	3851.9
7.5°	5625.4	5467.0	5040.4	4552.8	4004.2	3370.4	2693.9	2188.0	1865.0	1797.9	1737.0
10°	5723.0	5491.4	4808.8	3906.7	2828.0	1779.7	1255.5	1072.7	993.4	975.2	981.3
12.5°	5905.8	5552.3	4516.2	3016.9	1566.3	1023.9	908.1	877.6	865.5	865.5	865.5
15°	6131.3	5637.6	4059.1	1974.7	1023.9	853.3	828.9	822.8	810.6	810.6	816.7
17.5°	6320.2	5637.6	3455.7	1286.0	841.1	792.3	774.0	767.9	767.9	774.0	767.9
20°	6527.5	5595.0	2779.2	969.1	780.1	737.5	725.3	725.3	725.3	731.4	731.4
22.5°	6740.8	5521.8	2151.4	828.9	725.3	688.7	682.6	688.7	694.8	700.9	700.9
25°	6978.5	5430.4	1700.4	767.9	676.5	646.0	646.0	646.0	652.1	664.3	670.4
27.5°	7240.6	5351.2	1456.6	731.4	633.9	603.4	603.4	609.5	621.7	627.8	633.9
30°	7484.3	5351.2	1377.4	749.7	615.6	579.0	566.8	572.9	585.1	597.3	597.3
32.5°	7789.1	5412.1	1420.1	828.9	609.5	542.4	530.2	530.2	542.4	548.5	548.5
35°	8045.1	5527.9	1566.3	938.6	633.9	512.0	487.6	481.5	493.7	487.6	493.7
37.5°	8252.3	5686.4	1834.5	1084.9	682.6	475.4	444.9	426.6	426.6	426.6	426.6
40°	8313.2	5844.9	2175.8	1182.4	676.5	432.7	390.1	371.8	365.7	359.6	359.6
42.5°	8227.9	5918.0	2450.1	1176.3	603.4	402.3	347.4	323.0	304.7	298.6	298.6
45°	8160.9	5954.6	2547.6	1023.9	548.5	365.7	310.8	280.4	262.1	256.0	249.9
47.5°	8167.0	5991.1	2401.3	835.0	499.8	335.2	280.4	249.9	231.6	225.5	219.4
50°	8191.3	5930.2	2035.6	694.8	457.1	304.7	249.9	225.5	207.2	201.1	195.0
52.5°	7935.4	5607.2	1432.3	609.5	420.5	286.5	225.5	207.2	188.9	182.8	182.8
55°	7264.9	4833.1	969.1	542.4	390.1	262.1	207.2	195.0	176.7	164.6	164.6
57.5°	6192.3	3644.7	670.4	493.7	341.3	237.7	195.0	176.7	158.5	146.3	146.3
60°	4735.6	2376.9	487.6	451.0	280.4	219.4	182.8	170.7	146.3	134.1	128.0
62.5°	*2882.8*	*1334.7*	*396.2*	*396.2*	*237.7*	*207.2*	*164.6*	*152.4*	*128.0*	*109.7*	*103.6*
65°	1670.0	786.2	323.0	335.2	207.2	188.9	146.3	128.0	103.6	85.3	79.2
67.5°	804.5	457.1	256.0	237.7	182.8	158.5	128.0	109.7	91.4	73.1	67.0
70°	493.7	353.5	195.0	170.7	146.3	121.9	103.6	97.5	79.2	60.9	60.9
72.5°	402.3	286.5	152.4	121.9	109.7	85.3	85.3	79.2	60.9	48.8	42.7
75°	316.9	213.3	115.8	85.3	67.0	67.0	60.9	54.9	48.8	36.6	36.6
77.5°	170.7	146.3	85.3	48.8	36.6	42.7	42.7	36.6	30.5	24.4	24.4
80°	109.7	85.3	48.8	24.4	24.4	24.4	24.4	18.3	18.3	12.2	12.2
82.5°	54.9	42.7	24.4	6.1	12.2	12.2	12.2	12.2	12.2	6.1	6.1
85°	12.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1
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

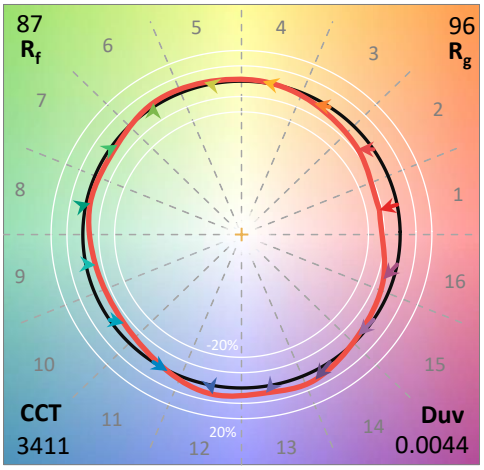
Test Information

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

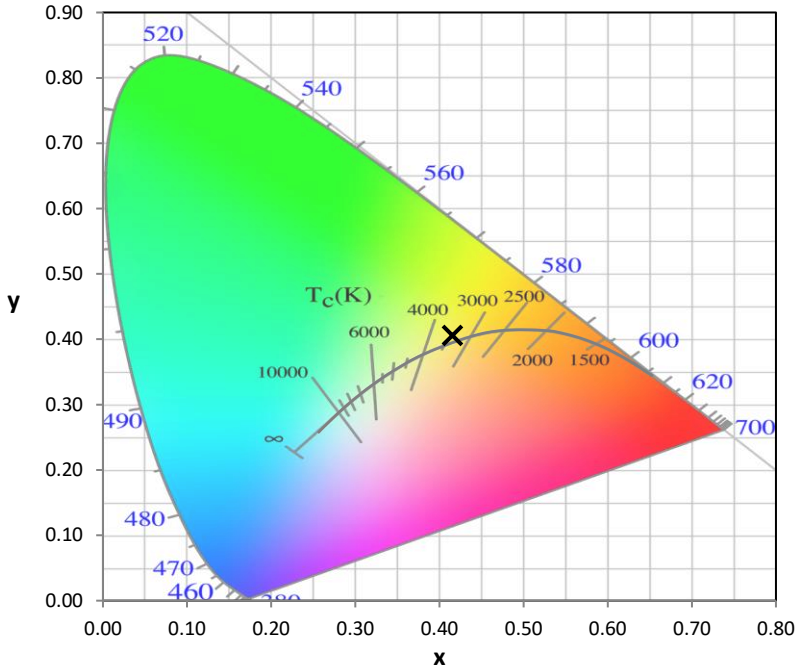
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

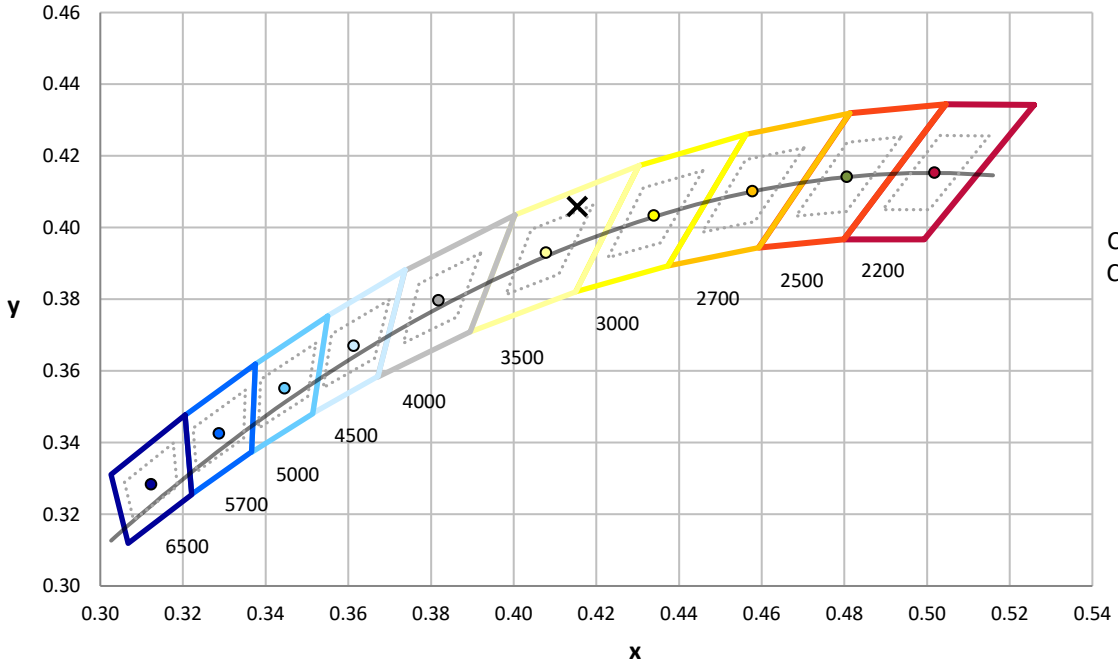
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

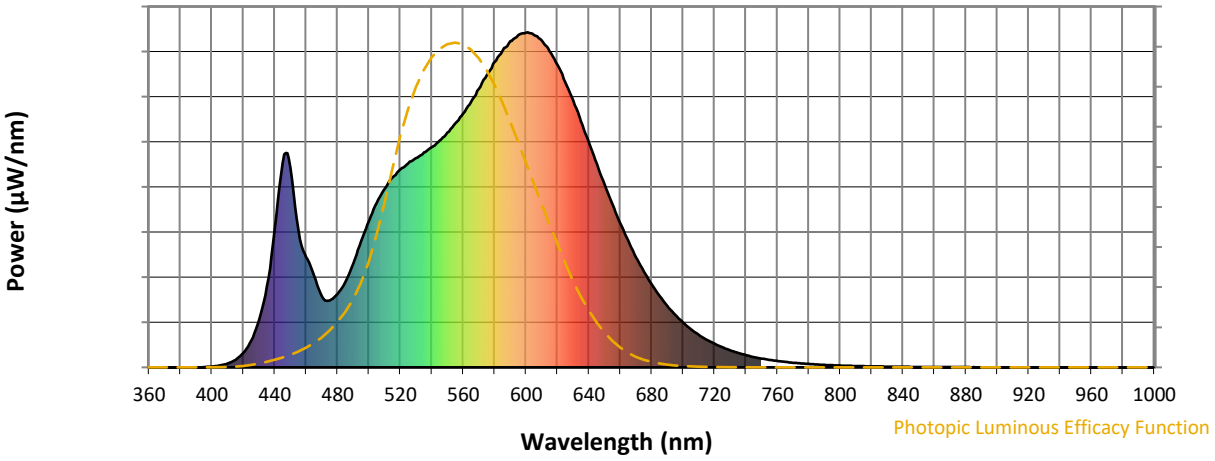


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

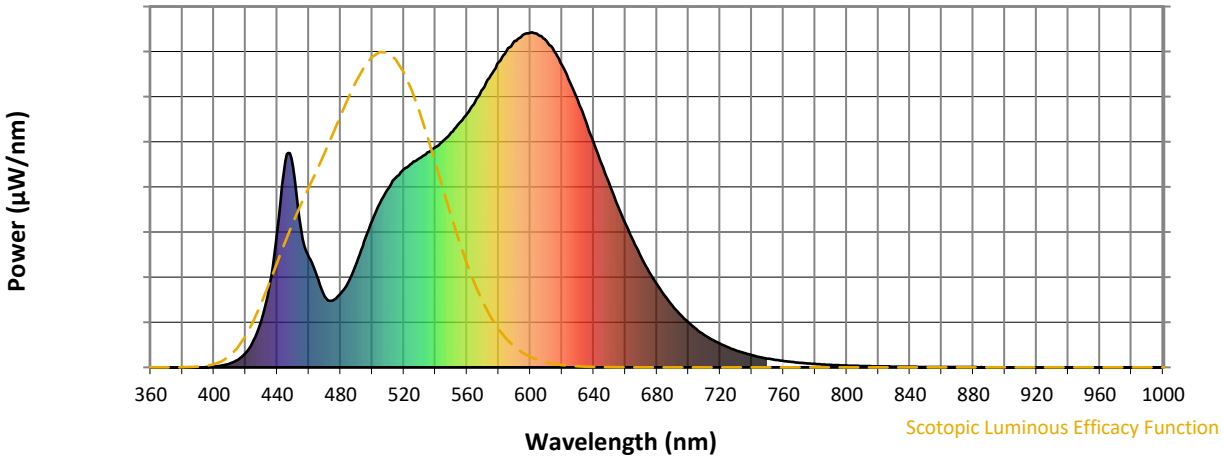


Photopic Lumens: NR

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

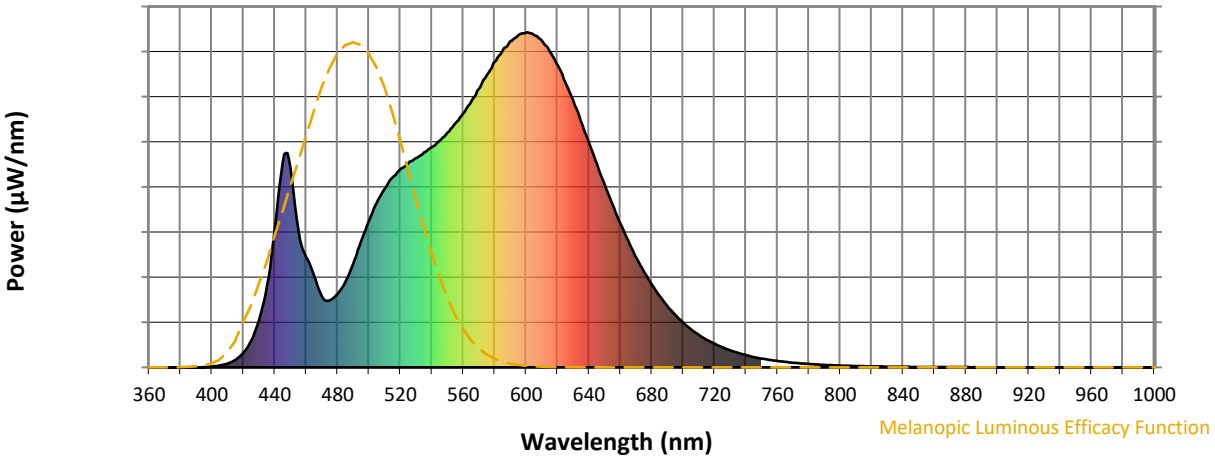


Scotopic Lumens: NR **S/P: 1.48**

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			

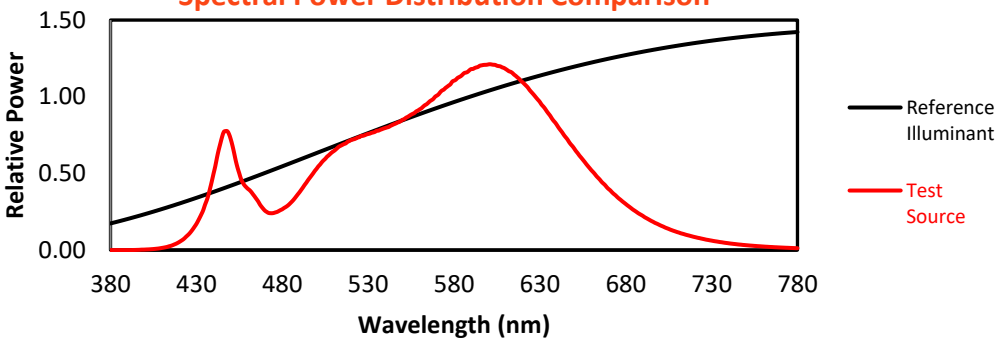
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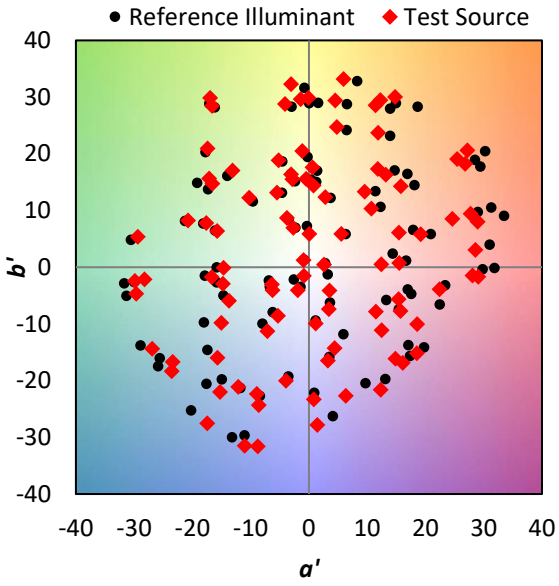
Summary

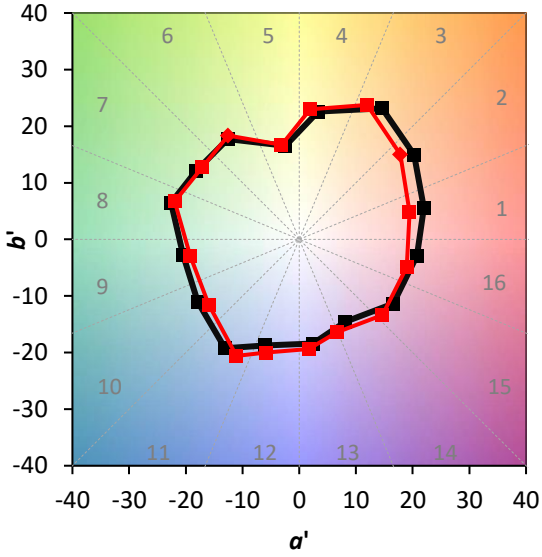
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

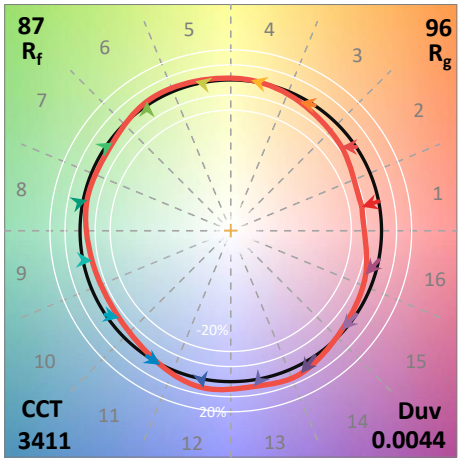
Spectral Power Distribution Comparison

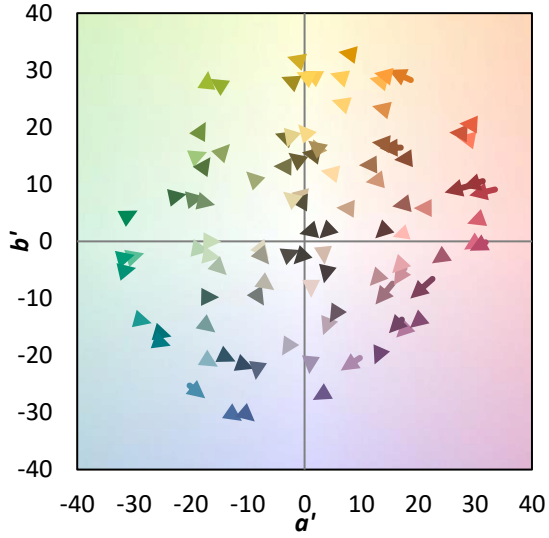


Color Vector Graphics







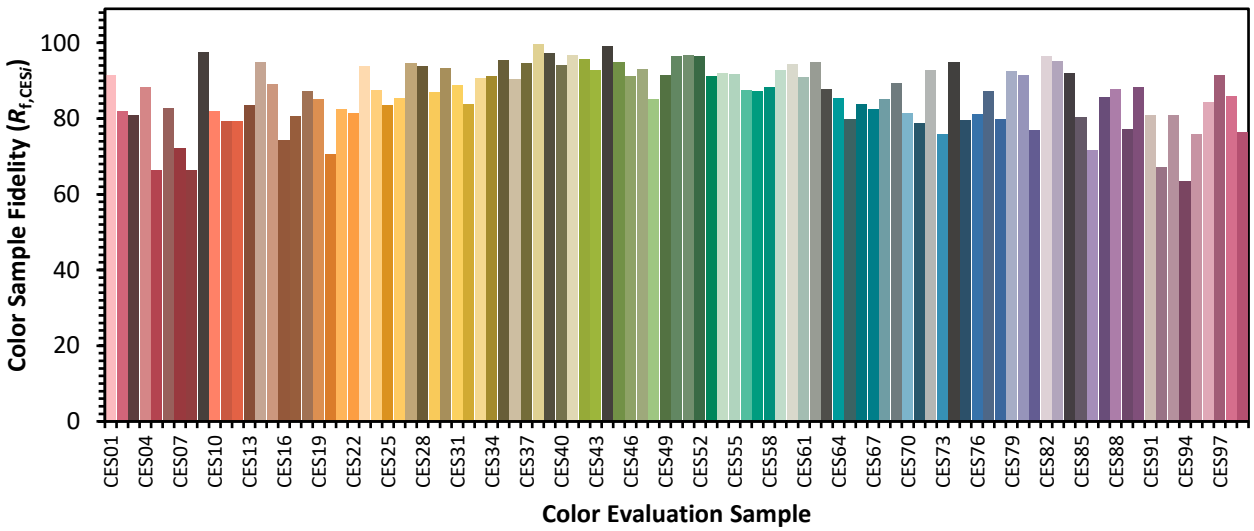


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Individual Sample Fidelity Index ($R_{f,i}$)

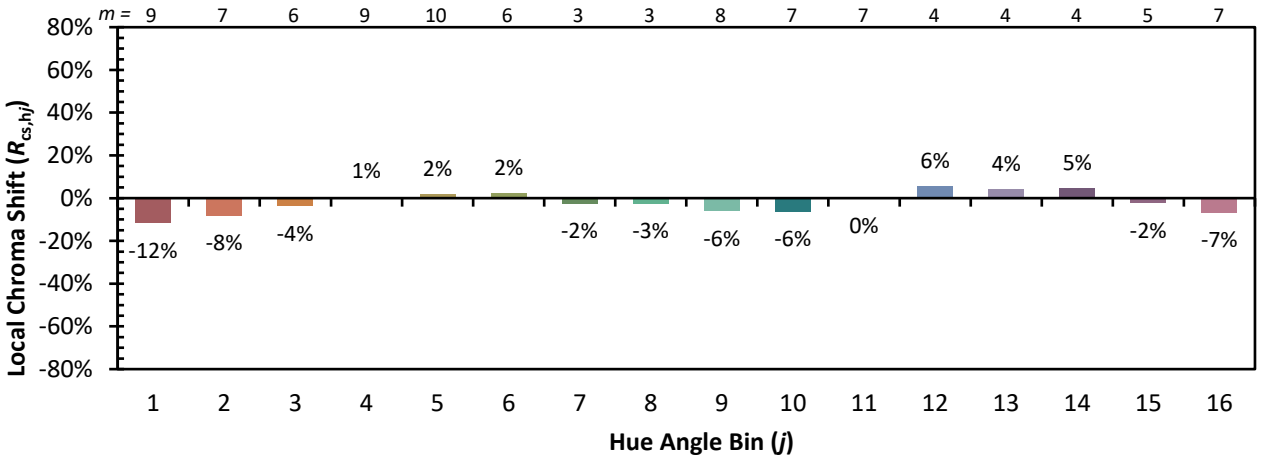
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

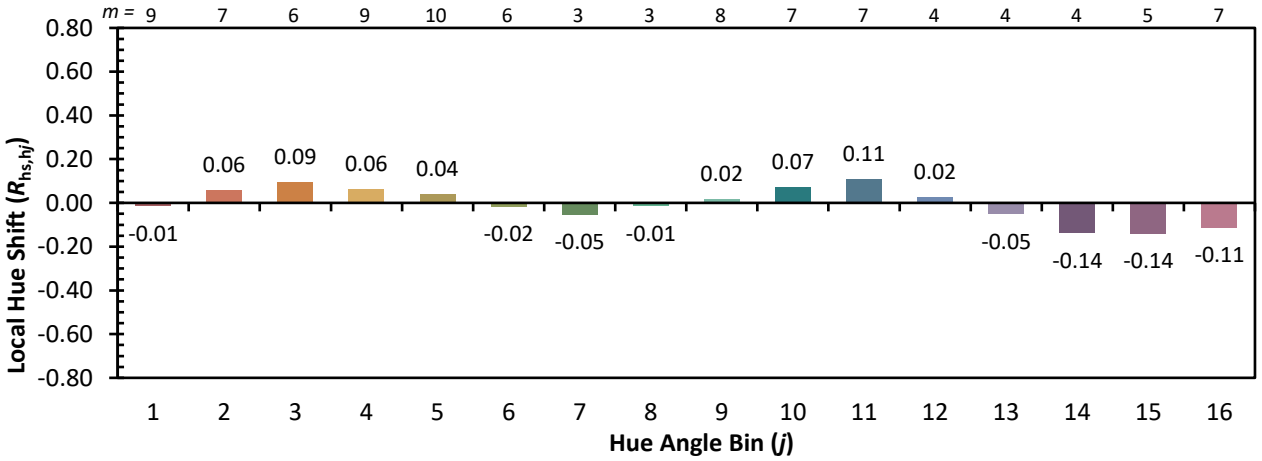


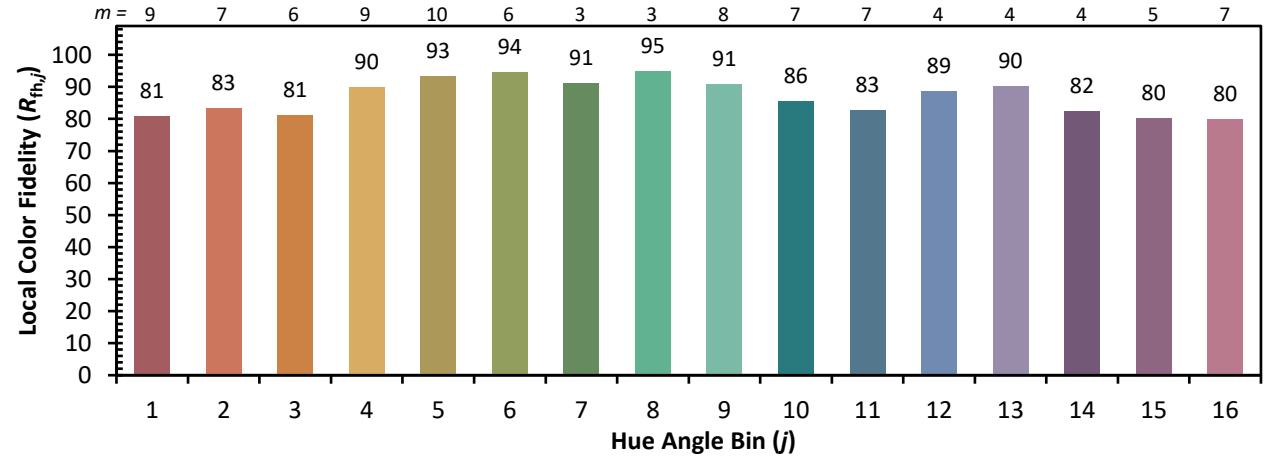
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Color Rendition by Hue-Angle Bin



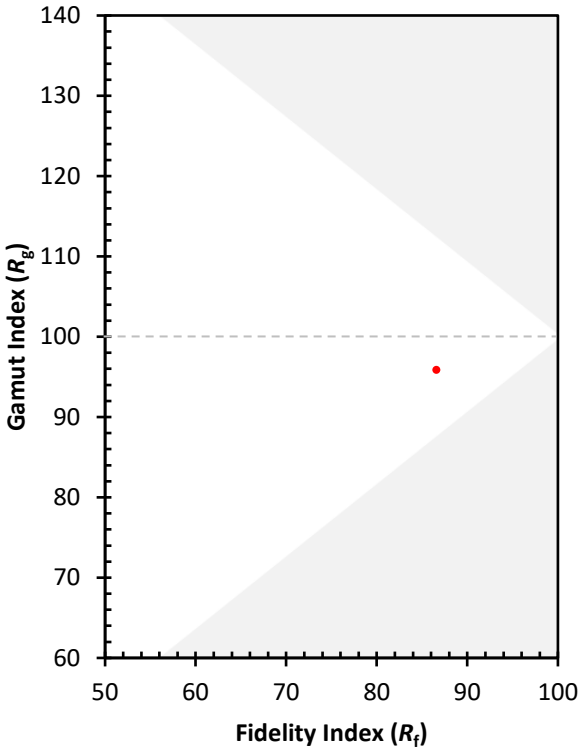


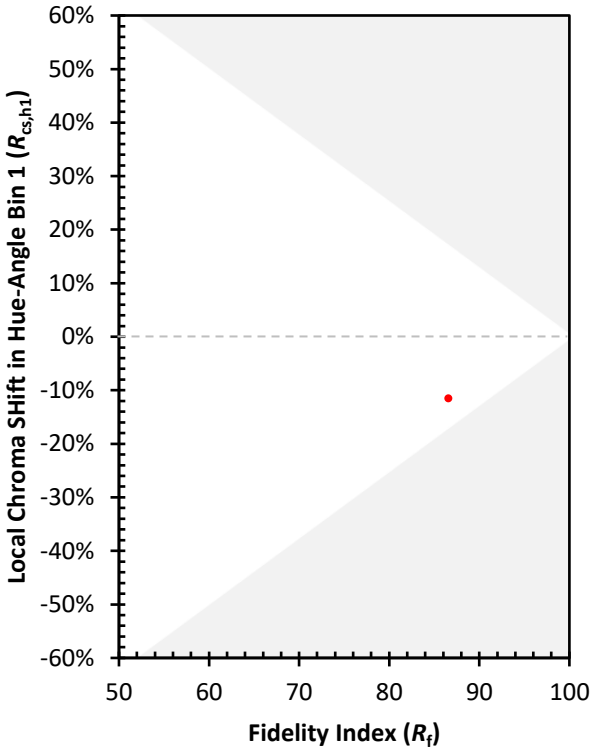


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Measure Comparisons





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