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: P1502327

Luminaire Tested: GSS-SB5C-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:	P1502327
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-835-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 80CRI 3500K FIXTURE w/ TYPE III 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:	28072.6 lumens
Efficiency:	N/A
Efficacy:	111.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

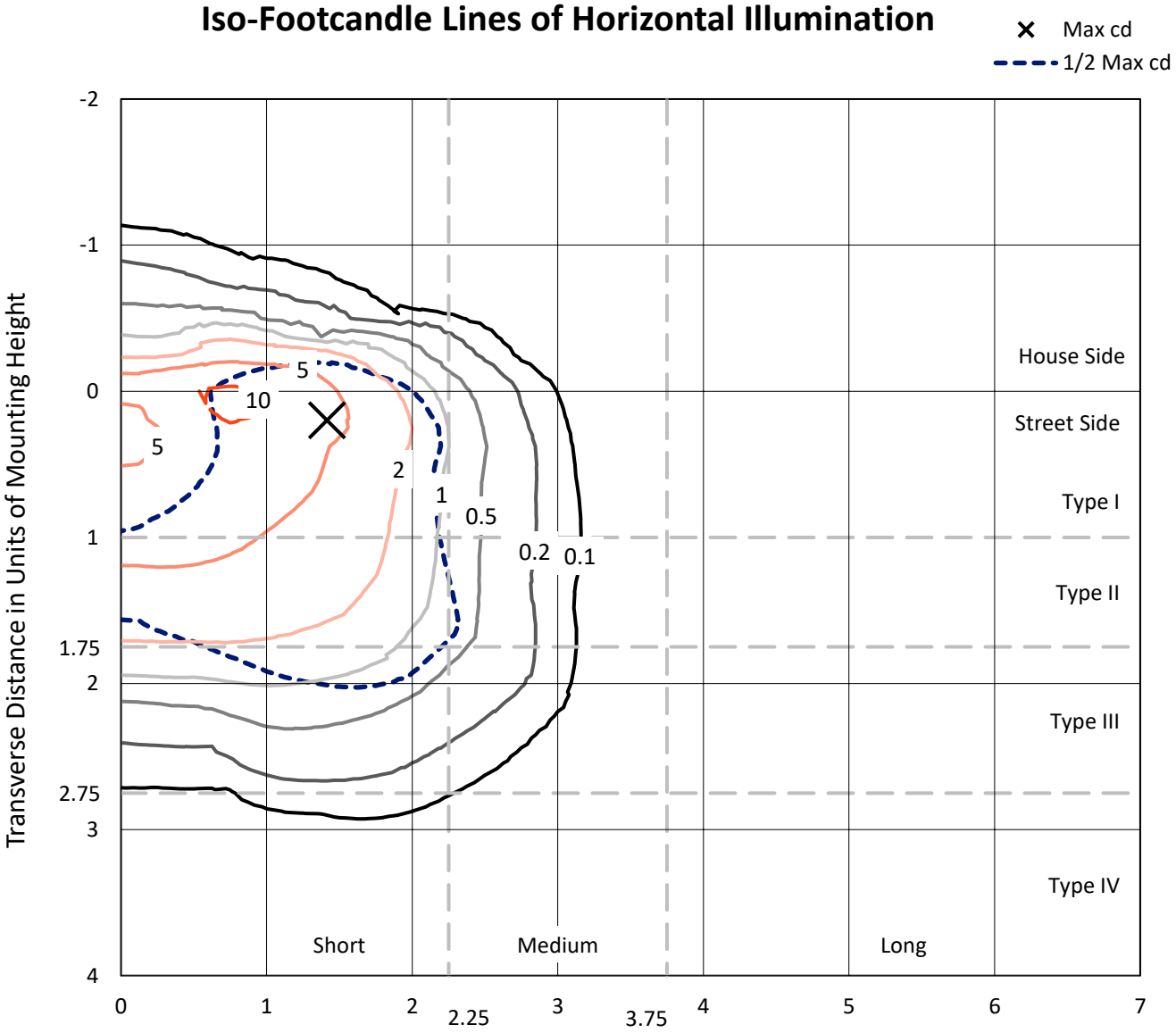
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502327
CATALOG NUMBER: GSS-SB5C-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



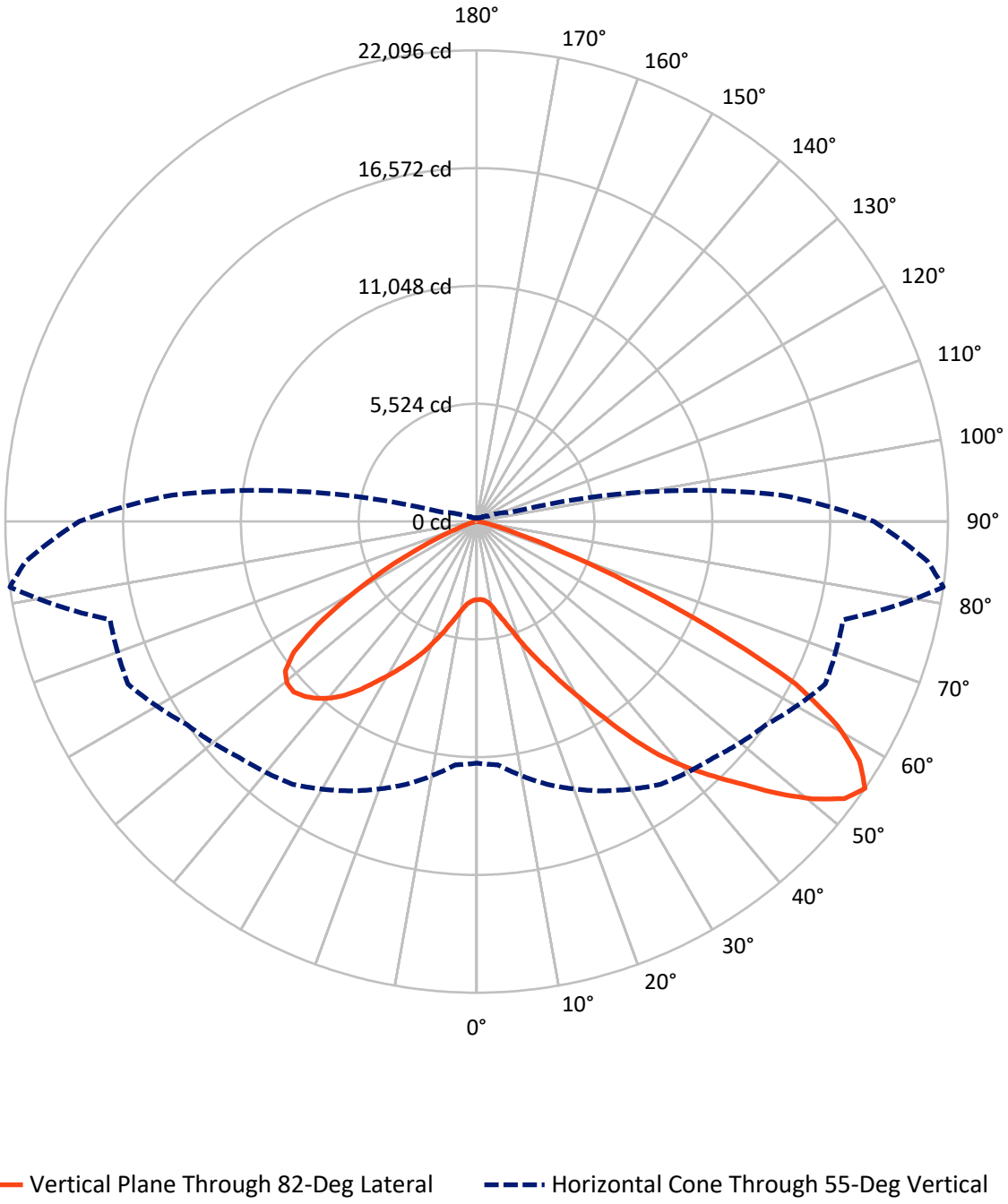
Based on 25 foot mounting height. Maximum calculated value = 11 fc
Type III - Short - N/A

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REPORT NUMBER: P1502327
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Luminous Intensity Polar Plot



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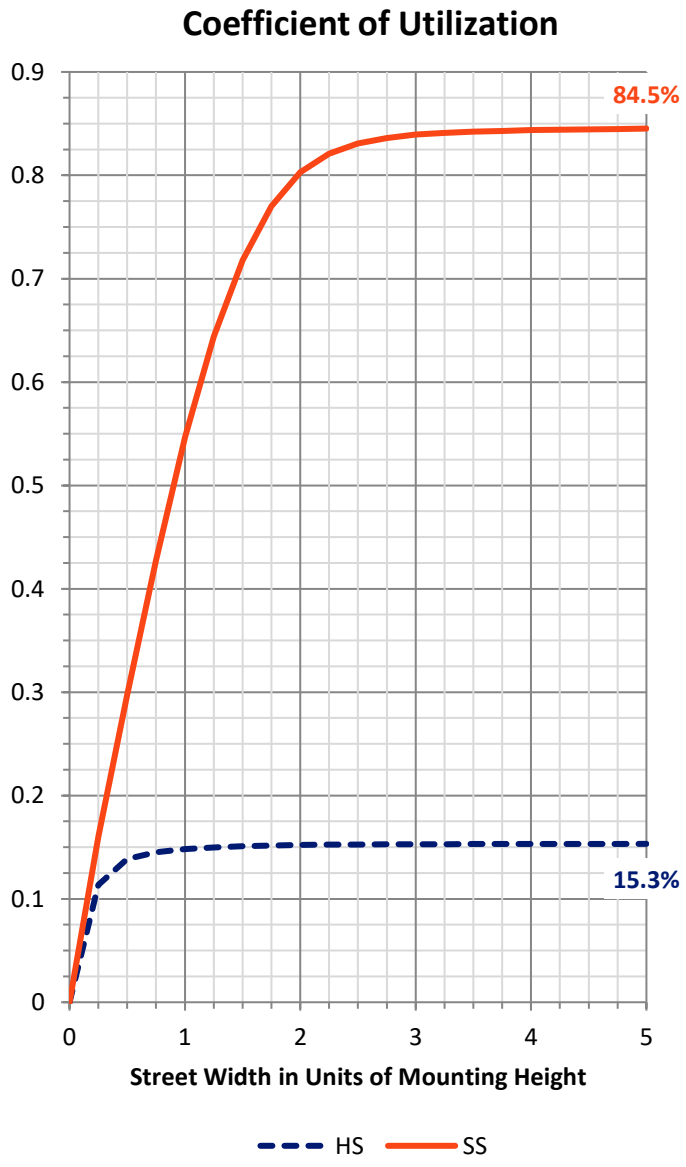
REPORT NUMBER: P1502327
CATALOG NUMBER: GSS-SB5C-835-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4339.1	0.0	4339.1
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	23733.5	0.0	23733.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	28072.6	0.0	28072.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.3	1.2
10°-20°	899.3	3.2
20°-30°	1797.8	6.4
30°-40°	3722.9	13.3
40°-50°	6219.3	22.2
50°-60°	7888.0	28.1
60°-70°	5896.8	21.0
70°-80°	1249.0	4.4
80°-90°	67.3	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°	28072.6	100.0
0°-180°	28072.6	100.0



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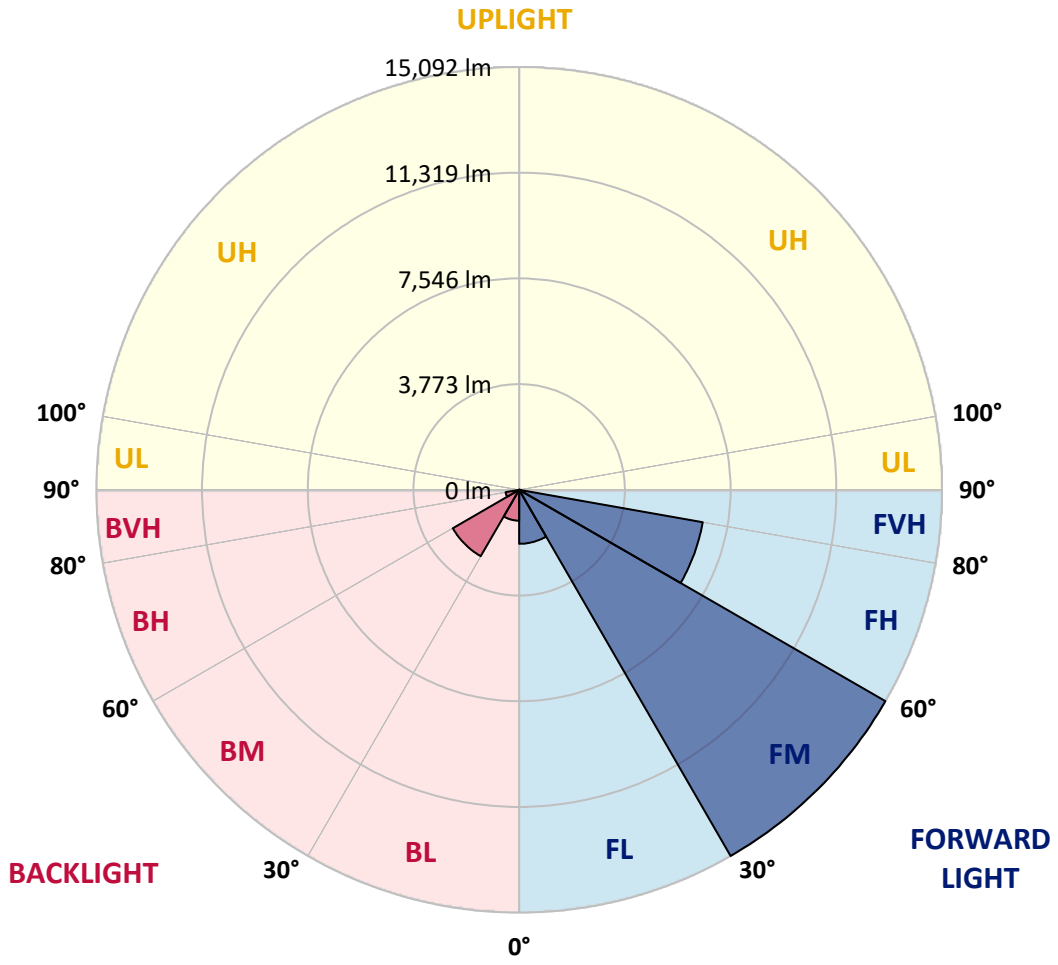
Scaled Data Report

REPORT NUMBER: P1502327
CATALOG NUMBER: GSS-SB5C-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°)	1927.9	6.9			
FM	(30°-60°)	15092.3	53.8			
FH	(60°-80°)	6653.1	23.7			G3/7500
FVH	(80°-90°)	60.1	0.2			G1/100
BL	(0°-30°)	1101.5	3.9	B3/2500		
BM	(30°-60°)	2737.8	9.8	B3/5000		
BH	(60°-80°)	492.7	1.8	B1/500		G1/500
BVH	(80°-90°)	7.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1502327
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	*3664.9*	3664.9
2.5°	3565.8	3573.4	3558.2	3565.8	3581.1	3573.4	3603.9	3626.8	3649.6	*3657.3*	3664.9
5°	3253.4	3261.0	3268.7	3329.6	3367.7	3459.2	3543.0	3596.3	3672.5	*3710.6*	3718.2
7.5°	2880.1	2880.1	2910.6	2986.8	3085.8	3261.0	3451.5	3603.9	3748.7	*3824.9*	3840.1
10°	2811.5	2819.1	2819.1	2872.5	2956.3	3131.5	3375.3	3680.1	3939.2	*4053.5*	4091.6
12.5°	2826.8	2834.4	2842.0	2895.3	2979.1	3131.5	3443.9	3840.1	4243.9	*4434.4*	4457.3
15°	2864.8	2880.1	2902.9	2971.5	3062.9	3261.0	3588.7	4068.7	4609.7	*4853.5*	4914.4
17.5°	2979.1	2986.8	3024.9	3101.0	3245.8	3443.9	3802.0	4365.8	5120.2	*5386.8*	5501.1
20°	3154.4	3169.6	3223.0	3329.6	3497.2	3748.7	4144.9	4754.4	5668.7	*6080.2*	6171.6
22.5°	3375.3	3375.3	3451.5	3619.2	3855.4	4137.3	4617.3	5272.5	6339.2	*6819.3*	6971.6
25°	3741.1	3733.4	3794.4	3984.9	4266.8	4678.2	5165.9	5889.7	7040.2	*7611.7*	7771.7
27.5°	4579.2	4556.3	4533.5	4541.1	4784.9	5310.6	5874.5	6666.9	7908.8	*8579.3*	8701.2
30°	5554.5	5584.9	5554.5	5478.3	5516.4	6004.0	6705.0	7619.3	8884.1	*9638.4*	9798.4
32.5°	6407.8	6423.0	6552.6	6636.4	6666.9	6895.4	7665.0	8769.8	10126.0	*10948.9*	11154.6
35°	7337.4	7360.2	7505.0	7680.2	7954.5	8160.2	8868.8	10103.2	11390.8	*12427.0*	12579.4
37.5°	8419.3	8457.4	8647.9	8899.3	9280.3	9752.7	10133.6	11314.6	12678.5	*13874.7*	14034.7
40°	9371.7	9493.6	9821.2	10141.3	10545.1	11078.4	11329.9	12373.7	13630.9	*15154.7*	15421.4
42.5°	10270.8	10339.4	10865.1	11360.3	11840.4	12274.7	12518.5	13204.2	14476.6	*16343.3*	16640.5
45°	11017.5	11070.8	11657.5	12312.7	12907.1	13341.4	13379.4	14011.8	15314.7	*17600.5*	17829.1
47.5°	11474.6	11558.4	12312.7	13059.4	13714.7	14118.5	14057.6	15040.4	16229.1	*19063.4*	19093.9
50°	11748.9	11802.3	12571.8	13539.5	14347.1	14629.0	14758.5	16023.3	17059.6	*20450.1*	20267.3
52.5°	11947.0	12030.8	12785.1	13813.7	14720.4	15101.4	15566.2	17128.1	17714.8	*21585.4*	21097.8
55°	*11329.9*	*11451.8*	*12754.7*	*13935.7*	*15040.4*	*15680.5*	*16594.8*	*18034.8*	*17791.0*	*22095.9*	*21204.4*
57.5°	10636.5	10659.4	11947.0	13897.6	15398.6	16290.0	17539.6	18103.4	17082.4	*21166.3*	20122.5
60°	9615.5	9752.7	11070.8	13402.3	15459.5	16777.6	18179.6	17272.9	15787.1	*19444.4*	17874.8
62.5°	6750.7	6964.0	8686.0	12099.4	15025.2	17044.3	18072.9	15825.2	14164.2	*16785.3*	15025.2
65°	3779.2	3962.0	5371.6	9760.3	13829.0	16983.4	16975.7	13889.9	11558.4	*12129.9*	10743.2
67.5°	2072.4	2217.2	2788.7	7345.0	10971.8	15680.5	14667.1	10598.4	7748.8	*7703.1*	6705.0
70°	1447.7	1455.3	1760.1	4960.1	7885.9	10941.3	11467.0	7108.8	4807.8	*4251.6*	3588.7
72.5°	708.6	716.2	876.2	2339.1	4823.0	6064.9	7863.1	3695.3	2697.2	*2110.5*	1798.1
75°	358.1	350.5	480.0	876.2	1996.3	2956.3	3466.8	1851.5	1569.6	*1158.1*	1028.6
77.5°	228.6	236.2	281.9	480.0	899.1	1150.5	1066.7	1005.7	921.9	*678.1*	586.7
80°	152.4	152.4	190.5	304.8	441.9	548.6	327.6	464.8	541.0	*396.2*	342.9
82.5°	45.7	45.7	114.3	167.6	213.3	221.0	144.8	213.3	304.8	*221.0*	167.6
85°	30.5	30.5	61.0	83.8	91.4	76.2	45.7	91.4	144.8	*99.1*	83.8
87.5°	0.0	0.0	0.0	7.6	7.6	7.6	7.6	7.6	7.6	*7.6*	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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Scaled Data Report

REPORT NUMBER: P1502327
CATALOG NUMBER: GSS-SB5C-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9	3664.9
2.5°	3672.5	3680.1	3703.0	3710.6	3725.8	3733.4	3733.4	3733.4	3725.8	3733.4	3748.7
5°	3733.4	3771.5	3802.0	3794.4	3794.4	3756.3	3725.8	3664.9	3634.4	3626.8	3634.4
7.5°	3885.8	3916.3	3946.8	3901.1	3786.8	3611.5	3421.1	3268.7	3139.1	3078.2	3101.0
10°	4160.1	4198.2	4198.2	3984.9	3664.9	3253.4	2910.6	2628.6	2415.3	2301.0	2354.4
12.5°	4556.3	4586.8	4510.6	4061.1	3451.5	2773.4	2202.0	1729.6	1455.3	1318.1	1287.7
15°	5013.5	5059.2	4800.1	4045.8	3116.3	2072.4	1371.5	1028.6	929.6	899.1	906.7
17.5°	5600.2	5623.0	5120.2	3923.9	2537.2	1356.2	975.3	876.2	853.4	838.1	838.1
20°	6324.0	6255.4	5379.2	3718.2	1851.5	1066.7	899.1	822.9	800.0	792.4	800.0
22.5°	7101.2	6994.5	5592.5	3329.6	1401.9	1005.7	861.0	777.2	746.7	739.1	739.1
25°	7916.4	7672.6	5760.2	2758.2	1310.5	990.5	815.3	708.6	678.1	662.9	662.9
27.5°	8846.0	8426.9	5851.6	2308.6	1333.4	967.6	761.9	647.6	601.9	586.7	586.7
30°	9874.6	9265.0	5859.2	2217.2	1379.1	937.2	708.6	579.1	533.3	510.5	518.1
32.5°	11124.1	10118.4	5836.4	2362.0	1409.6	914.3	647.6	510.5	472.4	449.5	449.5
35°	12419.4	11154.6	5744.9	2636.3	1424.8	845.7	571.4	449.5	403.8	396.2	403.8
37.5°	13707.1	12137.5	5615.4	2788.7	1348.6	693.4	464.8	388.6	358.1	358.1	358.1
40°	14880.4	12990.9	5440.2	2659.1	1074.3	502.9	381.0	335.2	320.0	312.4	320.0
42.5°	15756.7	13752.8	5120.2	2240.1	761.9	403.8	335.2	297.2	281.9	281.9	289.5
45°	16716.7	14484.2	4503.0	1645.8	579.1	350.5	289.5	259.1	251.4	251.4	259.1
47.5°	17684.3	15070.9	3908.7	1097.2	502.9	312.4	259.1	236.2	228.6	221.0	228.6
50°	18423.4	15352.8	3131.5	800.0	457.2	281.9	236.2	221.0	205.7	198.1	198.1
52.5°	18949.1	15276.6	2293.4	685.7	419.1	259.1	221.0	205.7	182.9	182.9	182.9
55°	*18629.1*	*14301.4*	*1653.4*	*617.2*	*388.6*	*243.8*	*213.3*	*190.5*	*175.2*	*167.6*	*167.6*
57.5°	17074.8	12190.8	1196.2	556.2	342.9	228.6	205.7	182.9	160.0	152.4	152.4
60°	14842.3	9493.6	891.5	487.6	297.2	221.0	182.9	175.2	152.4	137.1	137.1
62.5°	12129.9	6910.7	693.4	419.1	266.7	190.5	175.2	160.0	137.1	121.9	114.3
65°	8419.3	4411.6	533.3	342.9	251.4	167.6	160.0	137.1	114.3	91.4	91.4
67.5°	5196.3	2621.0	411.4	266.7	198.1	144.8	137.1	121.9	99.1	76.2	76.2
70°	2872.5	1386.7	281.9	198.1	152.4	114.3	106.7	106.7	83.8	68.6	61.0
72.5°	1379.1	754.3	190.5	167.6	114.3	76.2	83.8	83.8	68.6	53.3	53.3
75°	830.5	449.5	129.5	129.5	76.2	61.0	61.0	68.6	53.3	38.1	38.1
77.5°	472.4	266.7	76.2	99.1	53.3	38.1	45.7	38.1	30.5	22.9	22.9
80°	266.7	152.4	45.7	68.6	30.5	22.9	22.9	15.2	15.2	7.6	7.6
82.5°	129.5	83.8	22.9	22.9	15.2	7.6	7.6	7.6	7.6	0.0	0.0
85°	61.0	15.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	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

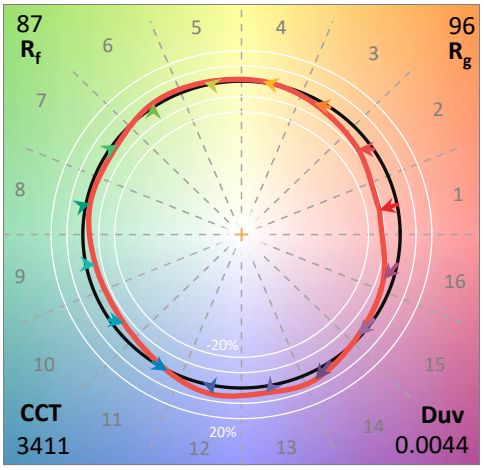
Test Information

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

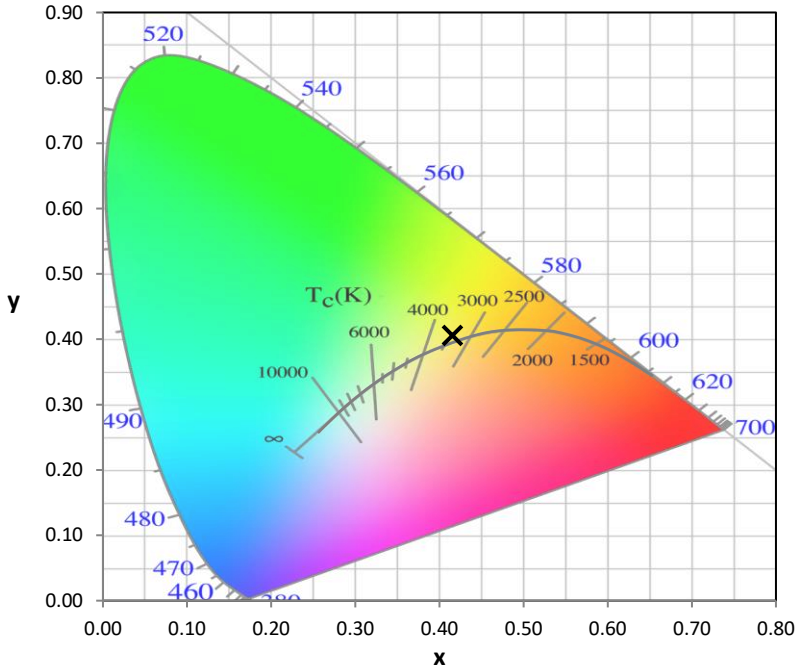
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

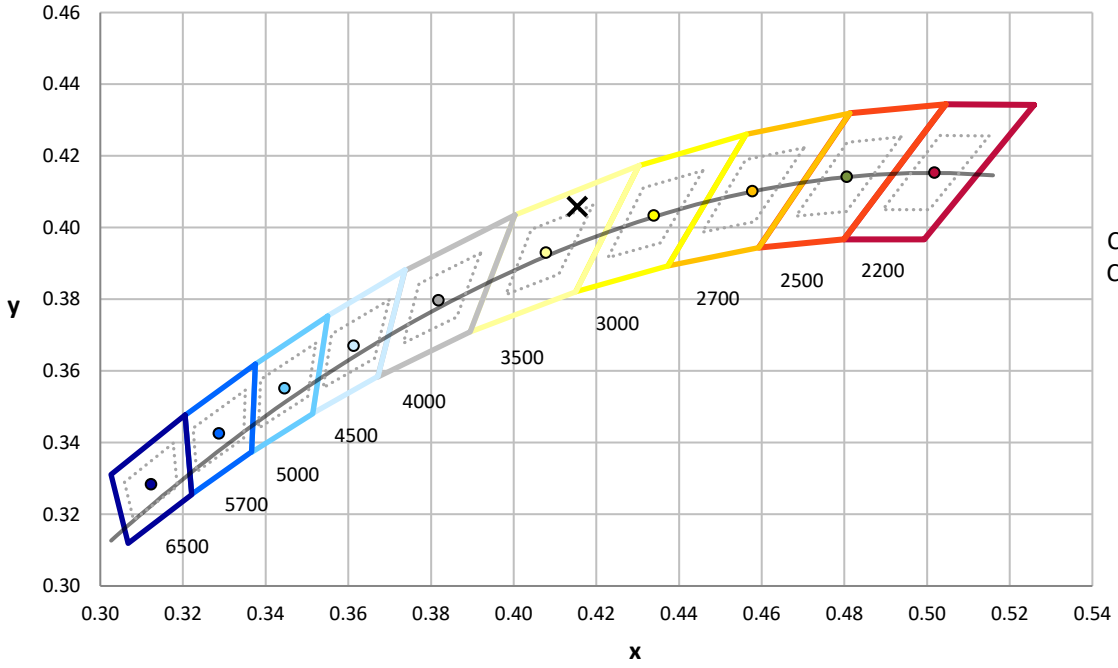
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

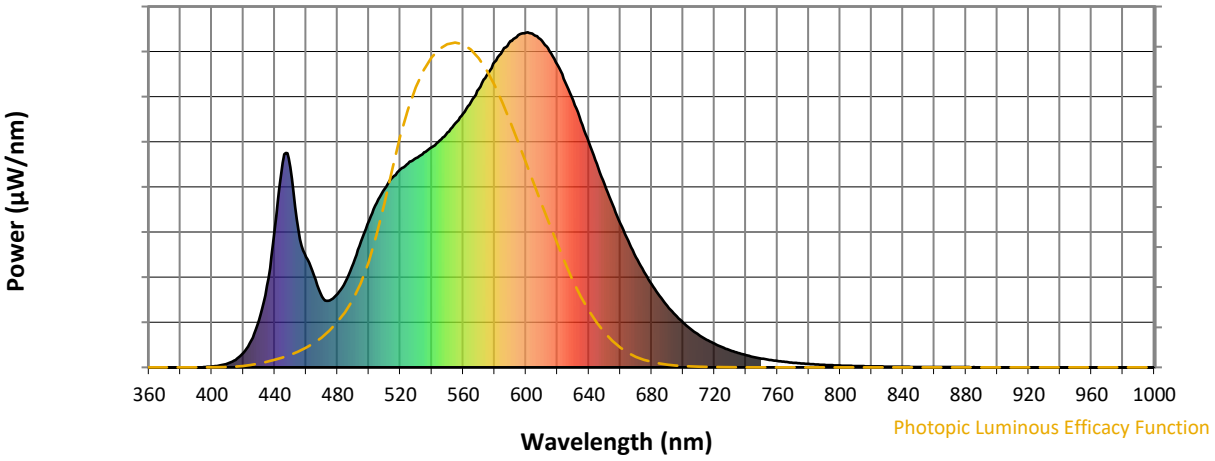


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

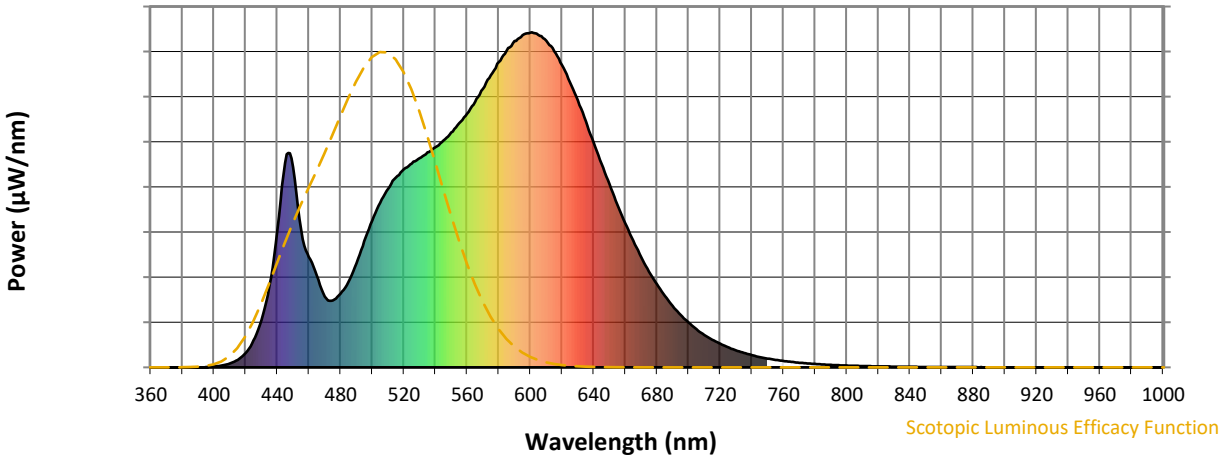


Photopic Lumens: NR

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

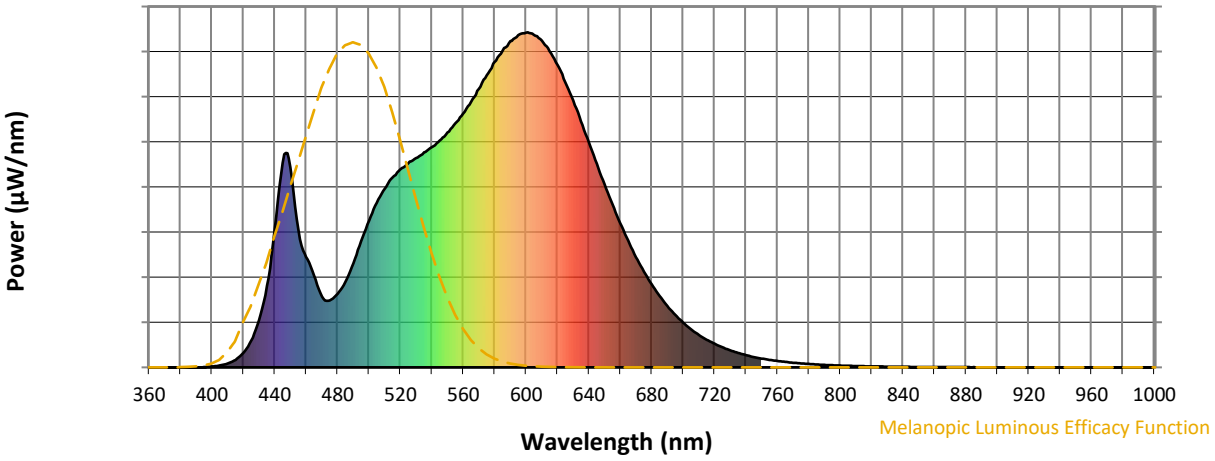


Scotopic Lumens: NR **S/P: 1.48**

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			

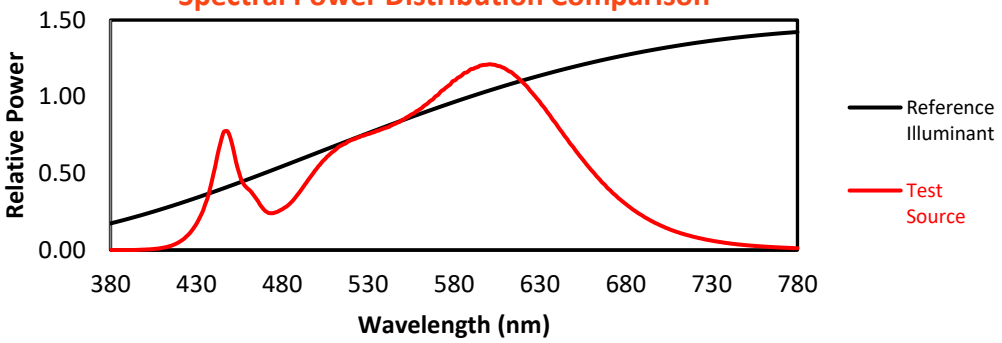
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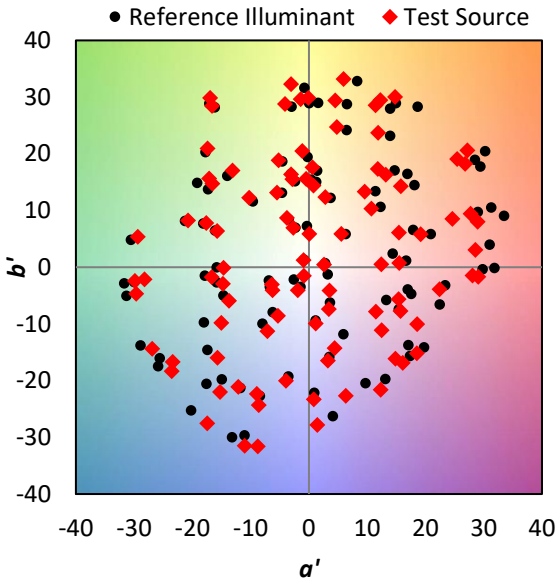
Summary

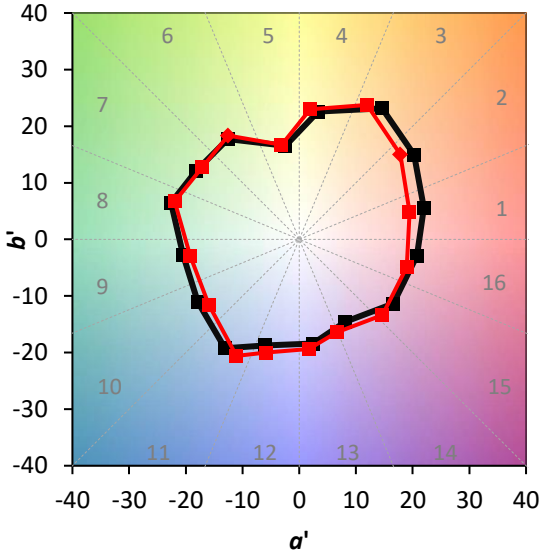
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

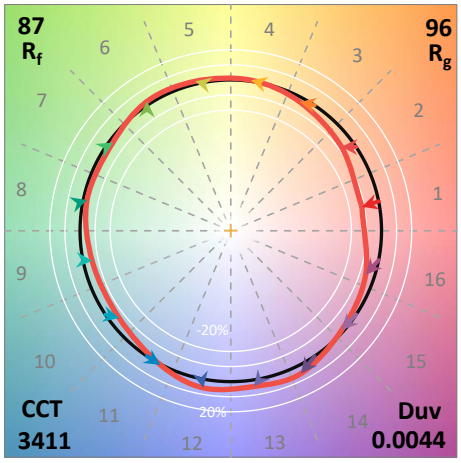
Spectral Power Distribution Comparison

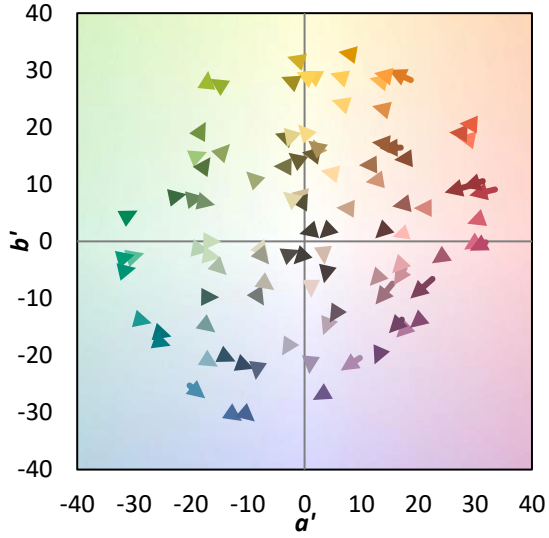


Color Vector Graphics







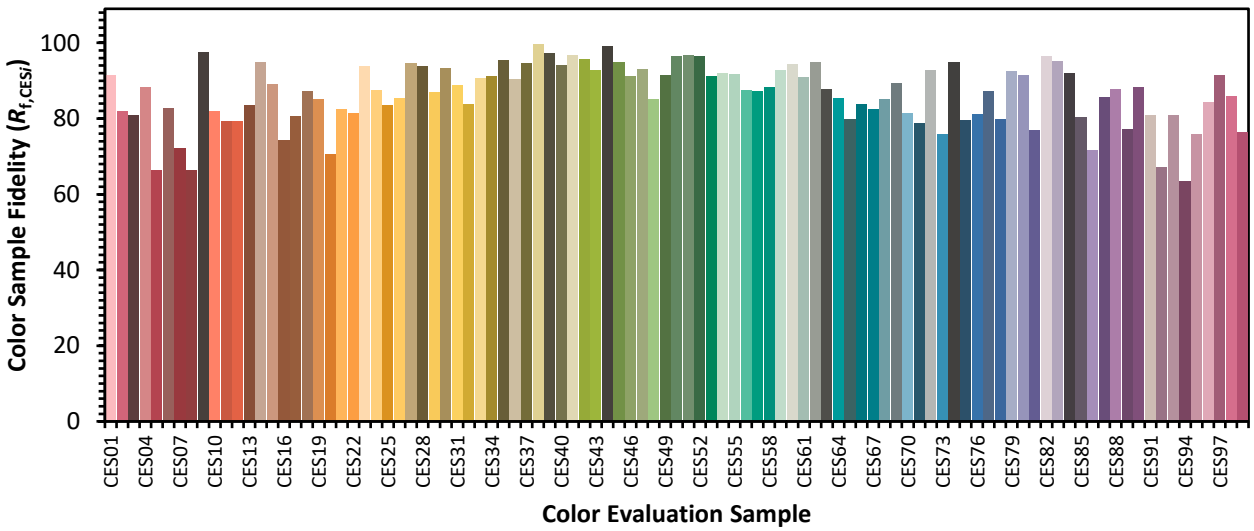


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Individual Sample Fidelity Index ($R_{f,i}$)

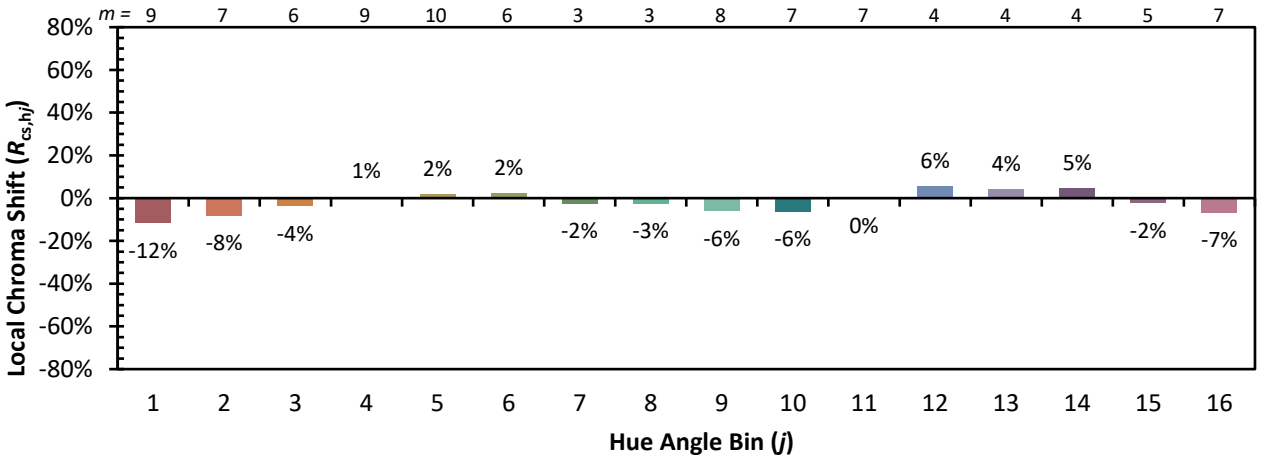
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

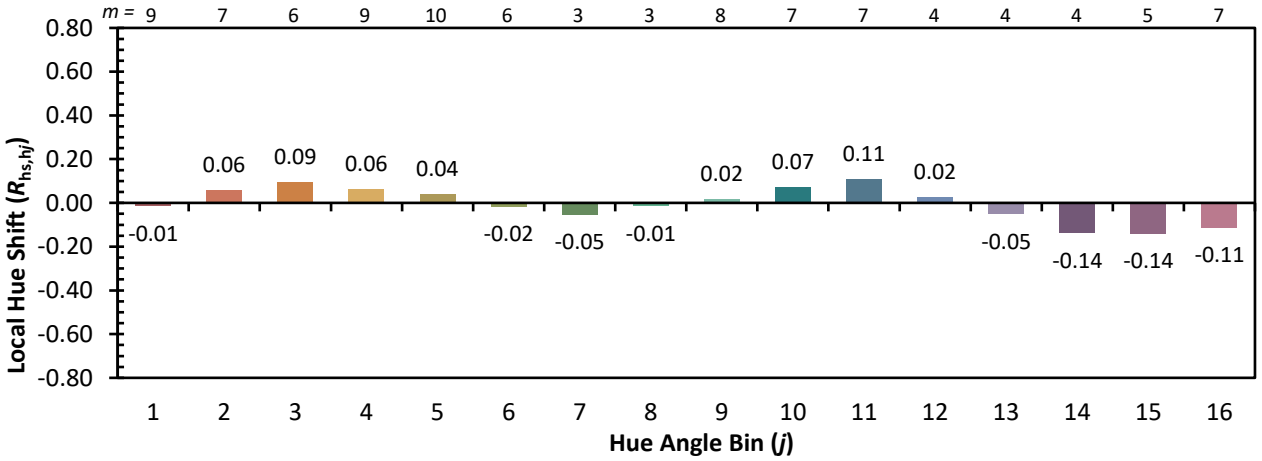


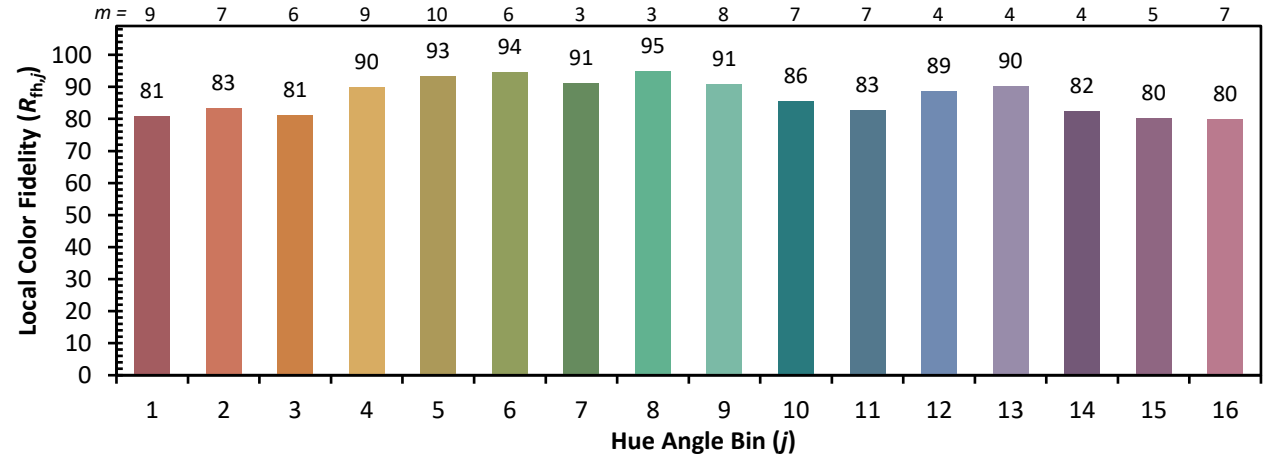
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Color Rendition by Hue-Angle Bin



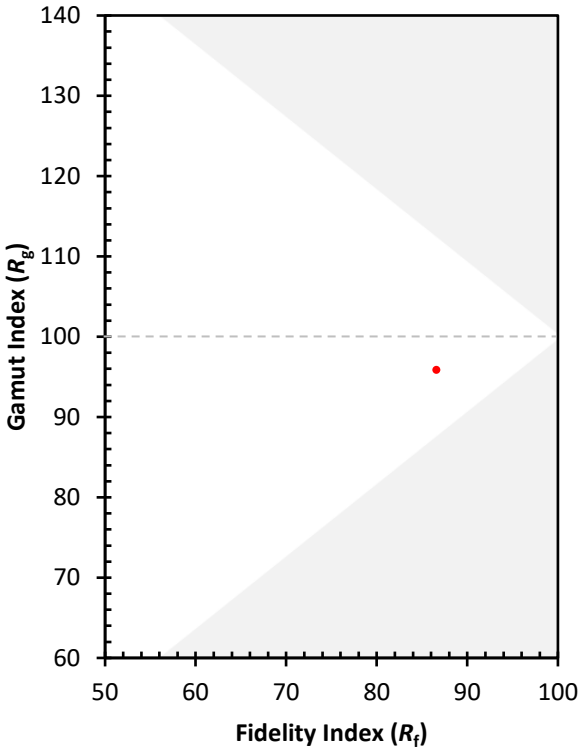


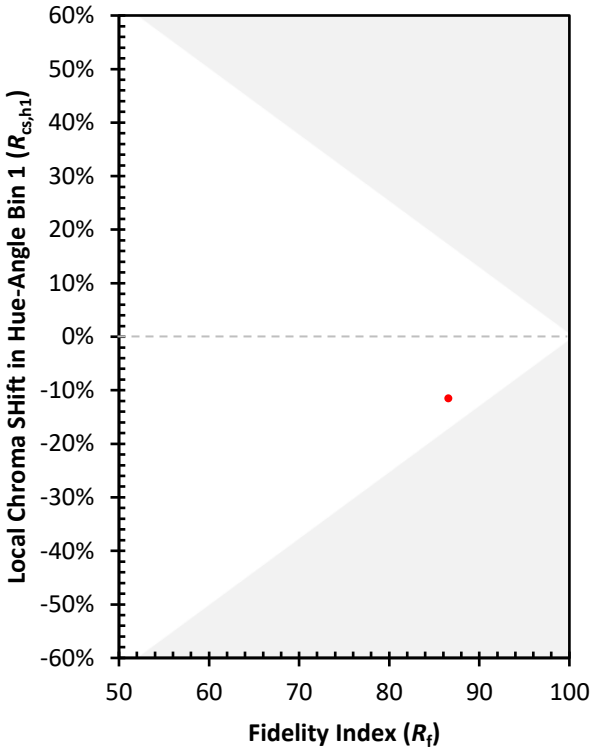


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Measure Comparisons





(END OF REPORT)