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: P1502661

Luminaire Tested: GSS-SB5A-827-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:	P1502661
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15253.7 lumens
Efficiency:	N/A
Efficacy:	106.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

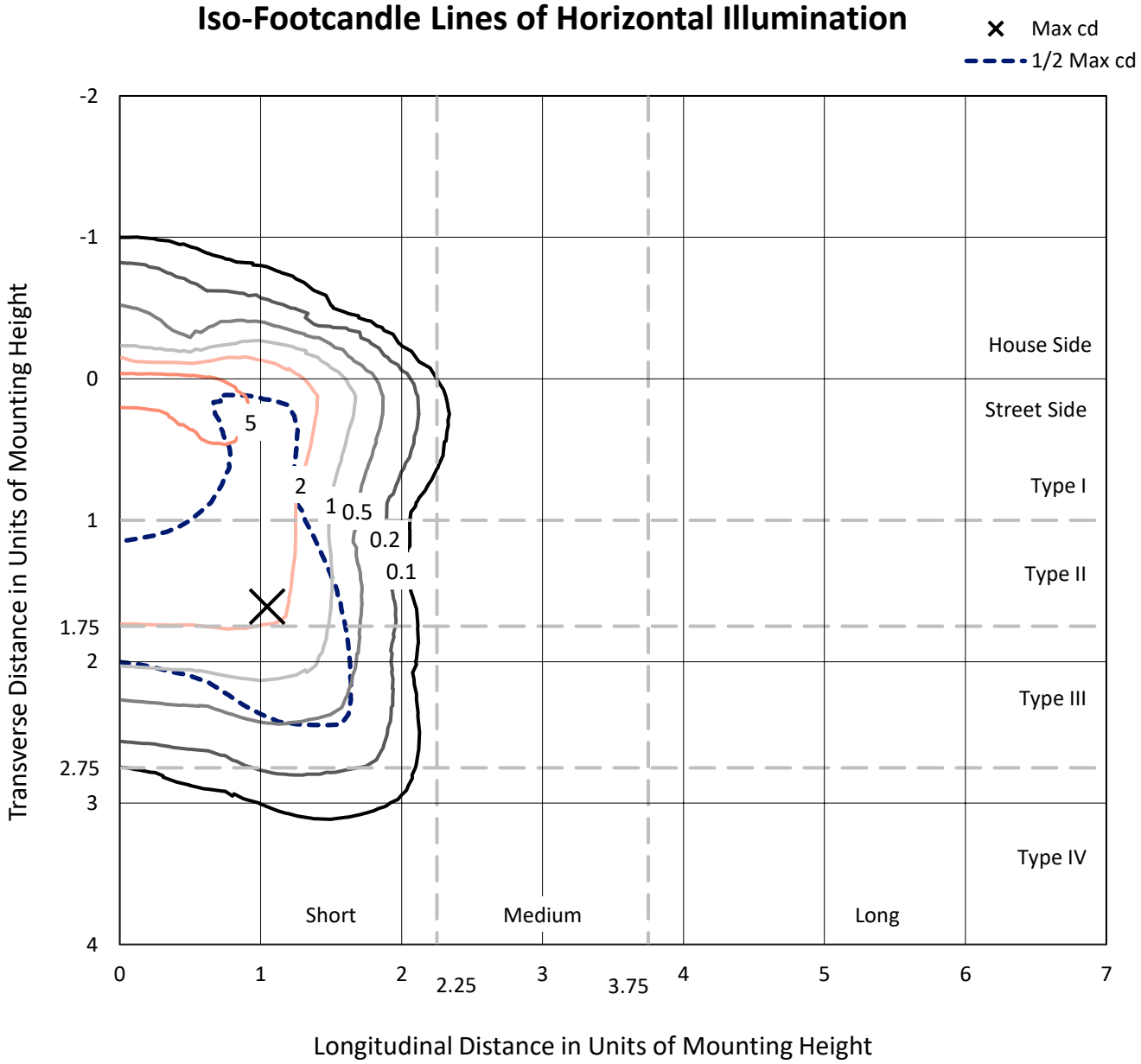
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502661
CATALOG NUMBER: GSS-SB5A-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



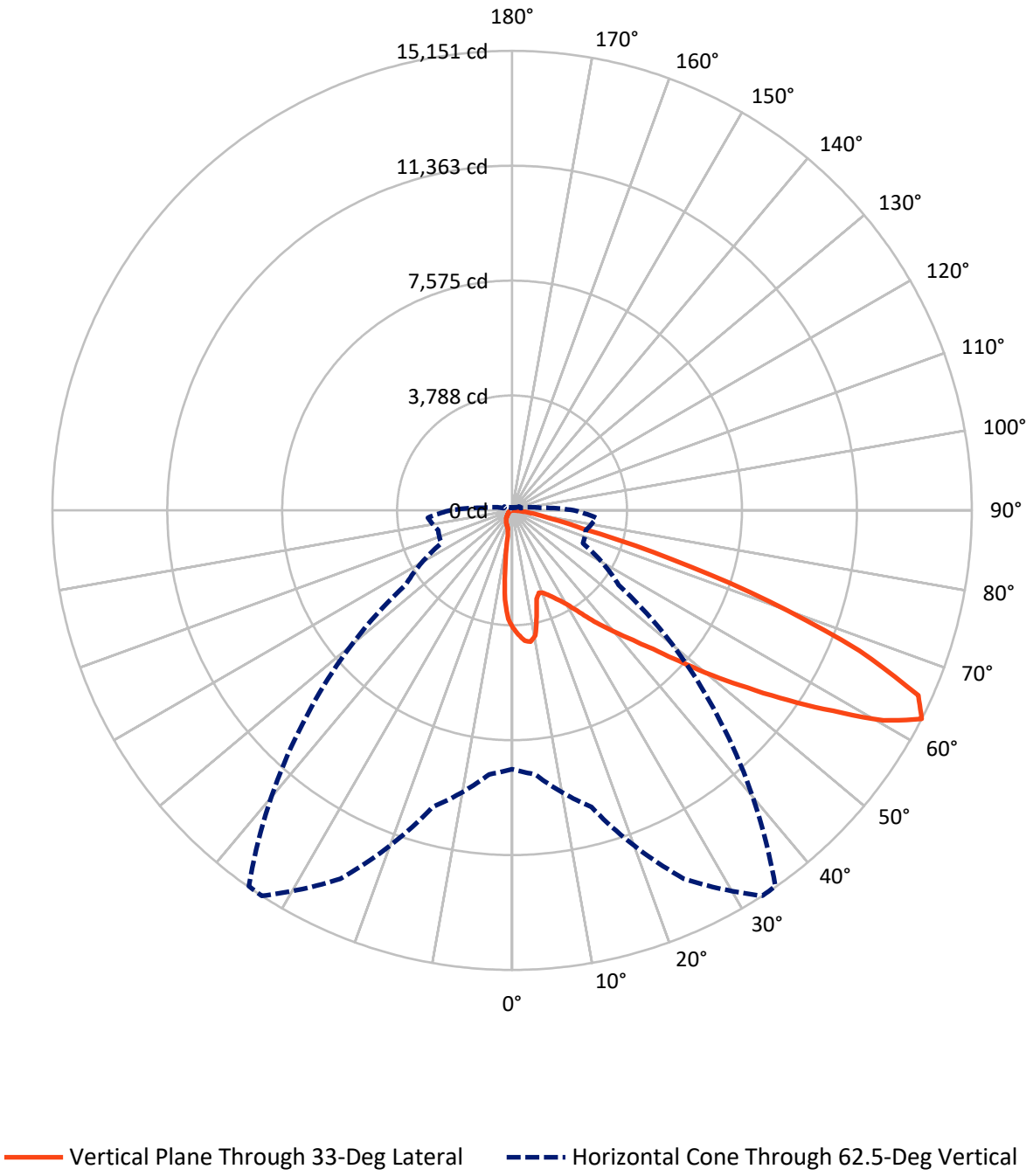
Based on 25 foot mounting height. Maximum calculated value = 7.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1502661
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Luminous Intensity Polar Plot



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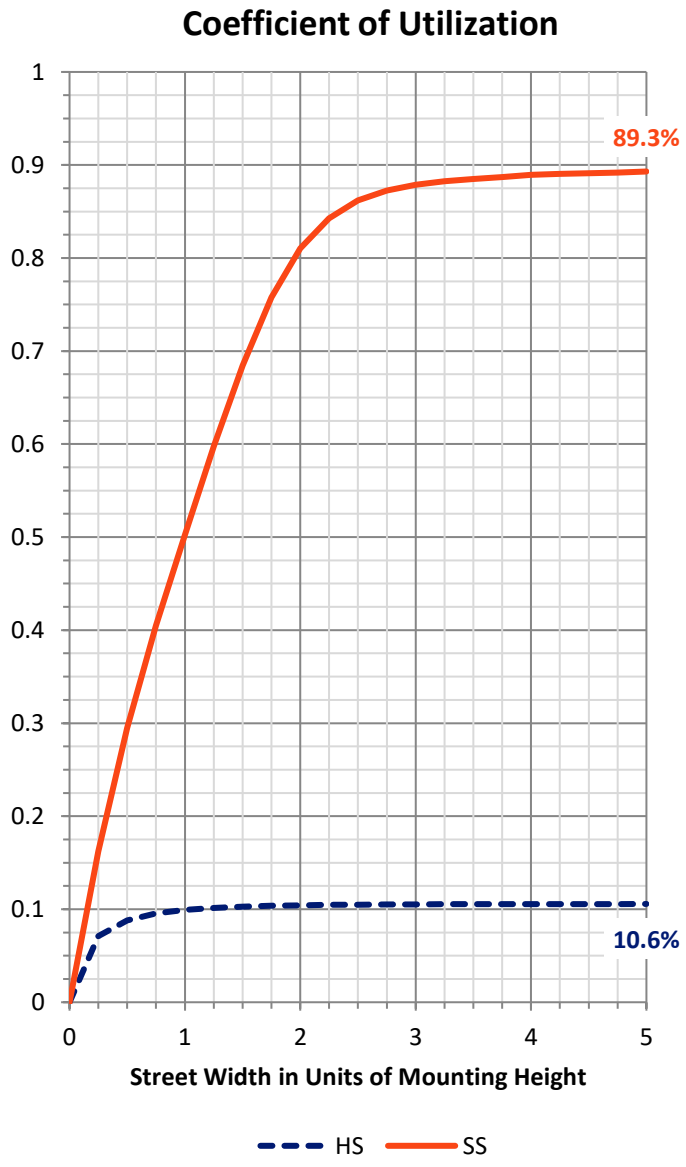
REPORT NUMBER: P1502661
CATALOG NUMBER: GSS-SB5A-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1623.1	0.0	1623.1
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	13630.6	0.0	13630.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	15253.7	0.0	15253.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.4	2.2
10°-20°	735.1	4.8
20°-30°	1184.8	7.8
30°-40°	1970.9	12.9
40°-50°	3115.1	20.4
50°-60°	4185.1	27.4
60°-70°	3072.3	20.1
70°-80°	608.1	4.0
80°-90°	52.8	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°	15253.7	100.0
0°-180°	15253.7	100.0



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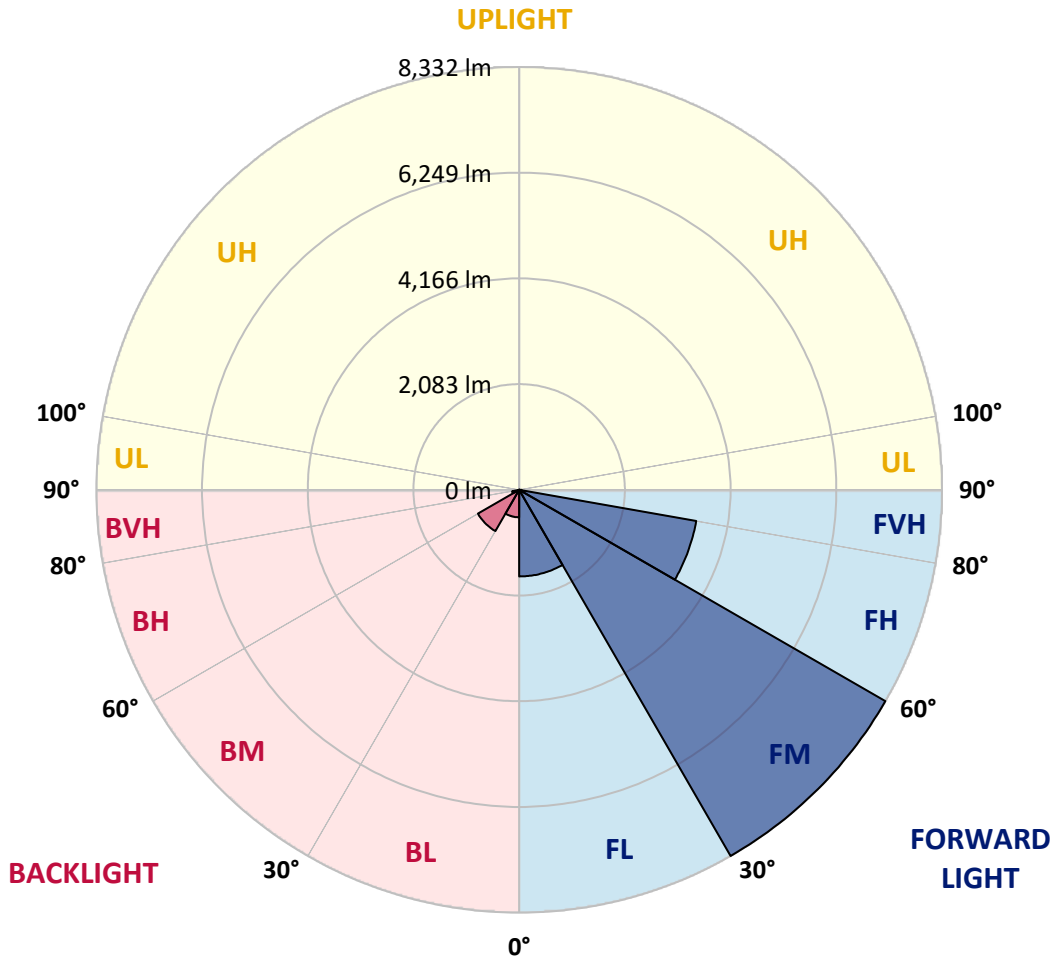
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1707.7	11.2			
FM	(30°-60°)	8332.3	54.6			
FH	(60°-80°)	3541.7	23.2			G2/5000
FVH	(80°-90°)	48.9	0.3			G1/100
BL	(0°-30°)	541.5	3.6	B2/1000		
BM	(30°-60°)	938.9	6.2	B1/1000		
BH	(60°-80°)	138.7	0.9	B1/500		G1/500
BVH	(80°-90°)	4.0	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°	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6
2.5°	4128.1	4145.2	4145.2	4110.9	4102.3	4085.1	4067.9	4063.6	4007.8	3964.8	3921.9
5°	4338.5	4334.2	4330.0	4312.8	4317.1	4295.6	4282.7	4261.2	4166.7	4102.3	3986.3
7.5°	4248.3	4287.0	4304.2	4351.4	4372.9	4368.6	4403.0	4411.6	4330.0	4239.7	4063.6
10°	3659.8	3638.4	3793.0	3994.9	4196.8	4244.0	4428.7	4527.5	4497.5	4415.9	4188.2
12.5°	2899.5	2921.0	3028.4	3264.6	3595.4	3698.5	4231.2	4622.1	4708.0	4656.4	4360.0
15°	2654.7	2654.7	2710.5	2822.2	3019.8	3118.6	3775.8	4609.2	4931.3	4935.6	4574.8
17.5°	2603.1	2611.7	2659.0	2732.0	2860.9	2903.8	3363.4	4420.2	5150.4	5227.7	4815.4
20°	2611.7	2624.6	2676.2	2779.2	2903.8	2955.4	3256.1	4179.6	5335.1	5545.6	5068.8
22.5°	2641.8	2637.5	2727.7	2865.2	3024.1	3071.3	3346.3	4080.8	5489.8	5910.7	5365.2
25°	2676.2	2680.4	2796.4	2989.7	3183.0	3238.9	3548.2	4171.0	5601.4	6301.6	5665.9
27.5°	2779.2	2792.1	2933.9	3144.4	3372.0	3445.1	3810.2	4407.3	5794.7	6679.6	5992.3
30°	2938.2	2951.1	3114.3	3367.7	3612.6	3724.3	4136.6	4703.7	6082.6	7117.8	6327.4
32.5°	3122.9	3140.1	3350.6	3642.7	3939.1	4046.4	4510.4	5154.7	6464.9	7564.5	6675.3
35°	3354.9	3402.1	3629.8	3977.7	4377.2	4480.3	4970.0	5665.9	6963.1	7964.0	6971.7
37.5°	3672.7	3711.4	3990.6	4424.5	4828.2	4965.7	5485.5	6202.8	7414.2	8320.6	7212.3
40°	4059.3	4093.7	4407.3	4879.8	5300.8	5416.7	6026.7	6744.1	7899.6	8518.1	7263.8
42.5°	4703.7	4798.2	4995.8	5395.3	5846.3	5992.3	6628.1	7268.1	8251.8	8556.8	7182.2
45°	5829.1	5859.2	5902.1	6091.1	6525.0	6653.9	7263.8	7723.5	8462.3	8565.4	7109.2
47.5°	6907.3	7010.4	7070.5	7156.4	7418.5	7465.7	7929.7	8131.5	8629.8	8535.3	7109.2
50°	7985.5	8062.8	8165.9	8269.0	8548.2	8565.4	8634.1	8406.5	8638.4	8290.5	7066.2
52.5°	8964.9	8990.7	9166.8	9364.4	9712.3	9806.8	9287.1	8608.4	8118.7	7517.3	6864.3
55°	9841.2	9875.6	10141.9	10545.7	11044.0	11168.5	10086.0	8217.5	7006.1	6516.4	6396.1
57.5°	10408.2	10489.8	11022.5	11911.7	12474.4	12418.5	10704.6	7302.5	5627.2	5330.8	5567.1
60°	10124.7	10236.4	11357.5	13058.6	14059.5	13896.2	10532.8	6009.5	4158.1	3943.3	4407.3
62.5°	8531.0	8737.2	10124.7	13397.9	15150.5	15124.8	9562.0	4287.0	2577.4	2521.5	2783.5
65°	5932.2	6288.7	7933.9	12263.9	14712.4	14751.0	8049.9	2495.7	1194.2	1482.0	1628.0
67.5°	3496.6	3750.0	5111.7	10013.0	12345.5	11989.0	5472.6	1155.5	597.1	902.1	863.4
70°	1537.8	1709.6	2929.6	6937.4	8995.0	8419.3	2671.9	562.7	455.3	545.5	476.8
72.5°	846.2	923.6	1542.1	3664.1	5472.6	5202.0	902.1	373.7	390.9	408.1	343.6
75°	472.5	506.9	811.9	2117.7	2405.5	2238.0	438.1	244.8	330.8	330.8	253.4
77.5°	274.9	305.0	506.9	1318.7	1318.7	1065.3	266.3	154.6	249.1	223.4	137.5
80°	128.9	146.0	279.2	730.2	833.3	687.3	150.3	107.4	163.2	141.8	90.2
82.5°	38.7	47.3	137.5	283.5	472.5	403.8	77.3	68.7	120.3	90.2	51.5
85°	25.8	30.1	68.7	116.0	232.0	201.9	25.8	21.5	51.5	43.0	21.5
87.5°	4.3	4.3	8.6	8.6	8.6	8.6	4.3	4.3	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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REPORT NUMBER: P1502661
CATALOG NUMBER: GSS-SB5A-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6	3874.6
2.5°	3896.1	3866.0	3797.3	3732.9	3698.5	3621.2	3591.1	3556.7	3539.6	3535.3	3509.5
5°	3913.3	3857.4	3685.6	3513.8	3333.4	3161.6	2985.4	2830.8	2706.2	2710.5	2714.8
7.5°	3964.8	3853.1	3552.5	3208.8	2822.2	2375.5	1898.6	1542.1	1314.4	1267.2	1224.2
10°	4033.6	3870.3	3389.2	2753.5	1993.2	1254.3	884.9	756.0	700.2	687.3	691.6
12.5°	4162.4	3913.3	3183.0	2126.3	1104.0	721.7	640.0	618.6	610.0	610.0	610.0
15°	4321.4	3973.4	2860.9	1391.8	721.7	601.4	584.2	579.9	571.3	571.3	575.6
17.5°	4454.5	3973.4	2435.6	906.4	592.8	558.4	545.5	541.2	541.2	545.5	541.2
20°	4600.6	3943.3	1958.8	683.0	549.8	519.8	511.2	511.2	511.2	515.5	515.5
22.5°	4750.9	3891.8	1516.3	584.2	511.2	485.4	481.1	485.4	489.7	494.0	494.0
25°	4918.4	3827.4	1198.5	541.2	476.8	455.3	455.3	455.3	459.6	468.2	472.5
27.5°	5103.2	3771.5	1026.6	515.5	446.7	425.3	425.3	429.6	438.1	442.4	446.7
30°	5275.0	3771.5	970.8	528.4	433.9	408.1	399.5	403.8	412.4	421.0	421.0
32.5°	5489.8	3814.5	1000.9	584.2	429.6	382.3	373.7	373.7	382.3	386.6	386.6
35°	5670.2	3896.1	1104.0	661.5	446.7	360.8	343.6	339.4	347.9	343.6	347.9
37.5°	5816.2	4007.8	1293.0	764.6	481.1	335.1	313.6	300.7	300.7	300.7	300.7
40°	5859.2	4119.5	1533.5	833.3	476.8	305.0	274.9	262.0	257.7	253.4	253.4
42.5°	5799.0	4171.0	1726.8	829.0	425.3	283.5	244.8	227.7	214.8	210.5	210.5
45°	5751.8	4196.8	1795.6	721.7	386.6	257.7	219.1	197.6	184.7	180.4	176.1
47.5°	5756.1	4222.6	1692.5	588.5	352.2	236.3	197.6	176.1	163.2	158.9	154.6
50°	5773.3	4179.6	1434.7	489.7	322.2	214.8	176.1	158.9	146.0	141.8	137.5
52.5°	5592.9	3951.9	1009.5	429.6	296.4	201.9	158.9	146.0	133.2	128.9	128.9
55°	5120.3	3406.4	683.0	382.3	274.9	184.7	146.0	137.5	124.6	116.0	116.0
57.5°	4364.3	2568.8	472.5	347.9	240.6	167.5	137.5	124.6	111.7	103.1	103.1
60°	3337.7	1675.3	343.6	317.9	197.6	154.6	128.9	120.3	103.1	94.5	90.2
62.5°	*2031.8*	*940.7*	*279.2*	*279.2*	*167.5*	*146.0*	*116.0*	*107.4*	*90.2*	*77.3*	*73.0*
65°	1177.0	554.1	227.7	236.3	146.0	133.2	103.1	90.2	73.0	60.1	55.8
67.5°	567.0	322.2	180.4	167.5	128.9	111.7	90.2	77.3	64.4	51.5	47.3
70°	347.9	249.1	137.5	120.3	103.1	85.9	73.0	68.7	55.8	43.0	43.0
72.5°	283.5	201.9	107.4	85.9	77.3	60.1	60.1	55.8	43.0	34.4	30.1
75°	223.4	150.3	81.6	60.1	47.3	47.3	43.0	38.7	34.4	25.8	25.8
77.5°	120.3	103.1	60.1	34.4	25.8	30.1	30.1	25.8	21.5	17.2	17.2
80°	77.3	60.1	34.4	17.2	17.2	17.2	17.2	12.9	12.9	8.6	8.6
82.5°	38.7	30.1	17.2	4.3	8.6	8.6	8.6	8.6	8.6	4.3	4.3
85°	8.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

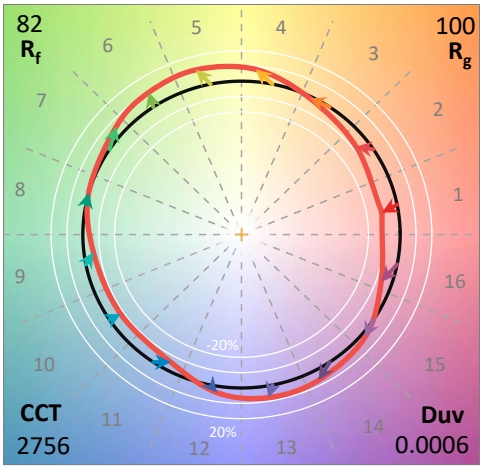
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

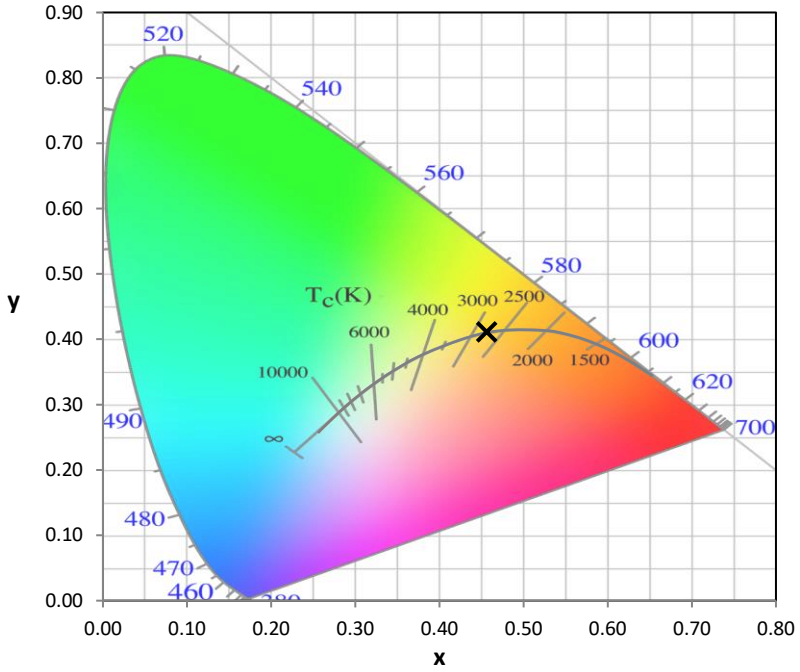
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

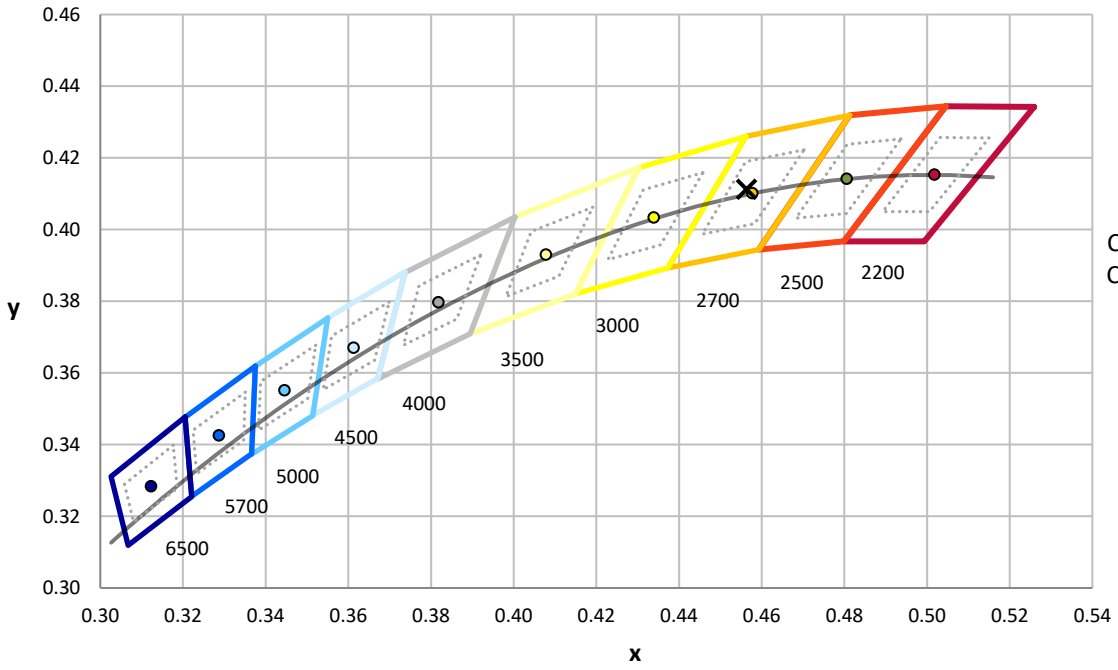
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

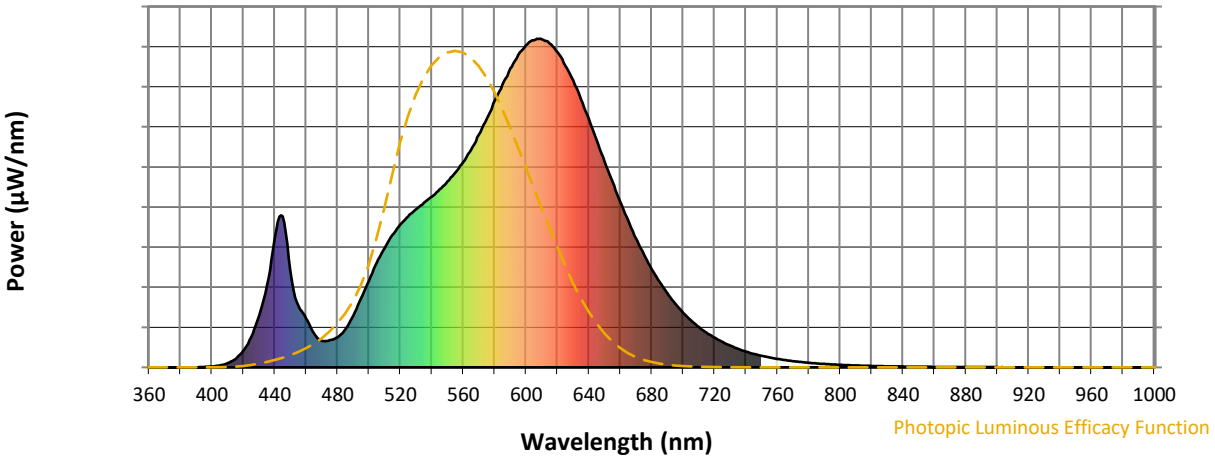


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

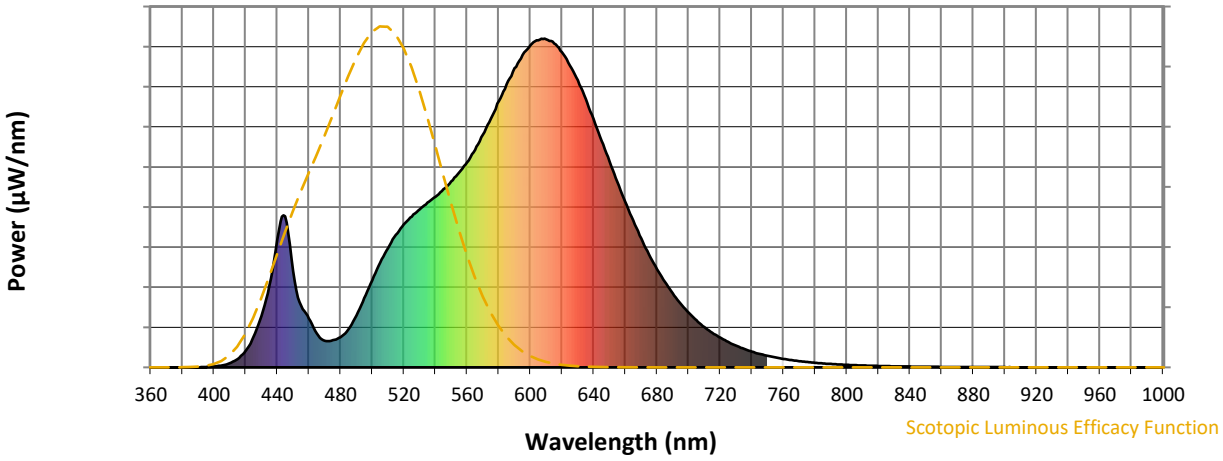


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

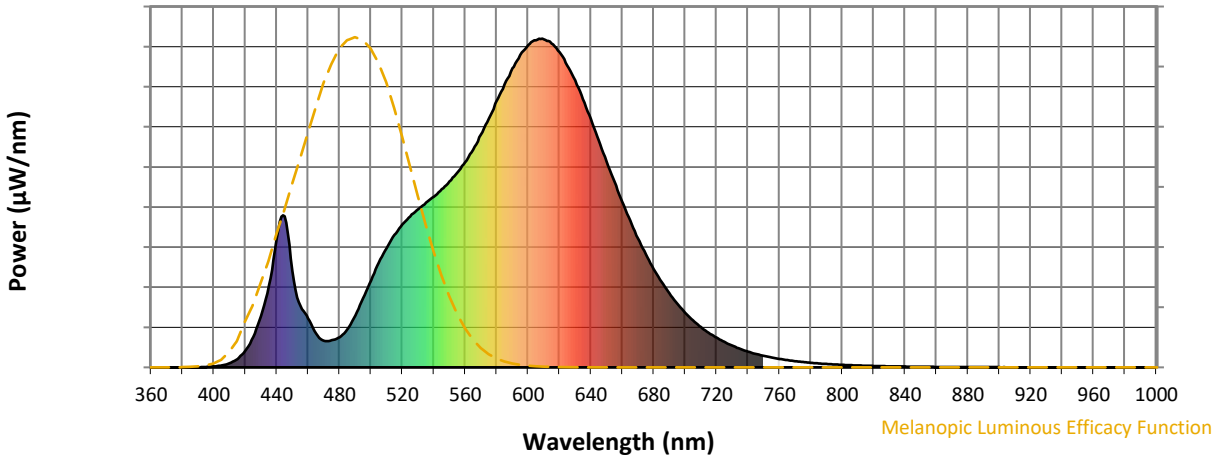


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

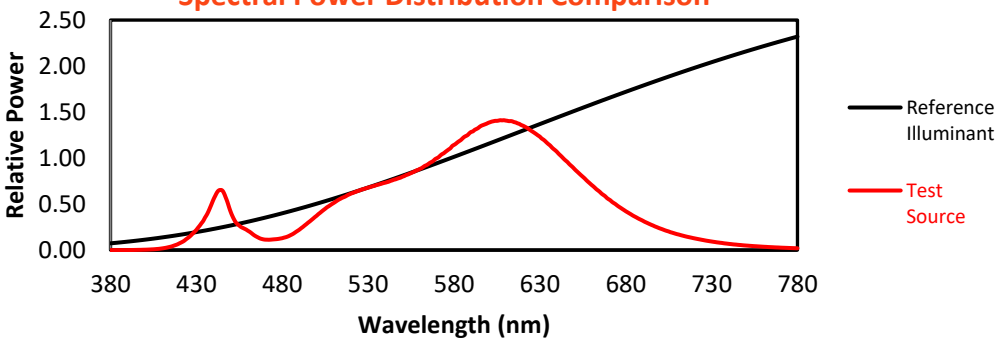
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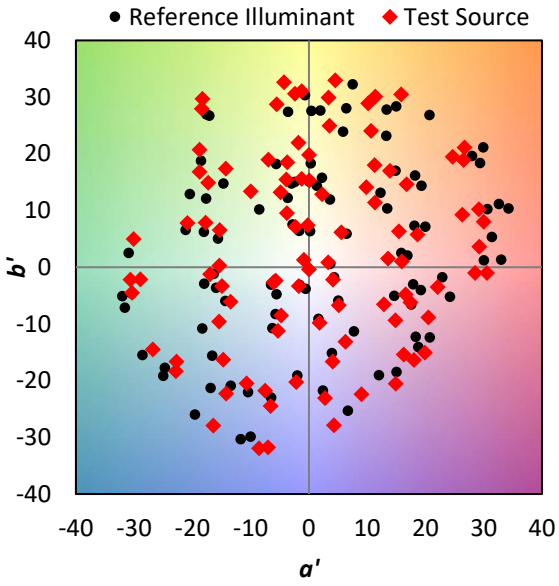
Summary

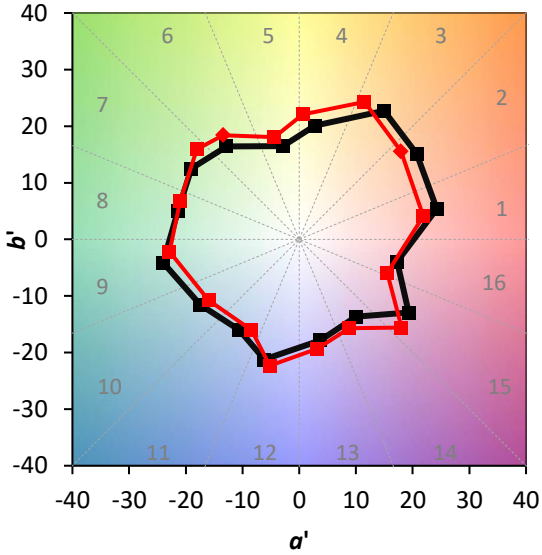
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

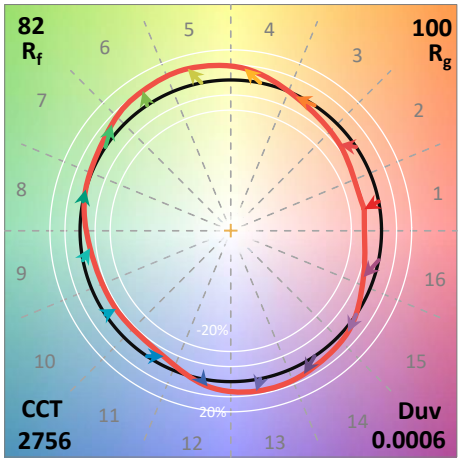
Spectral Power Distribution Comparison

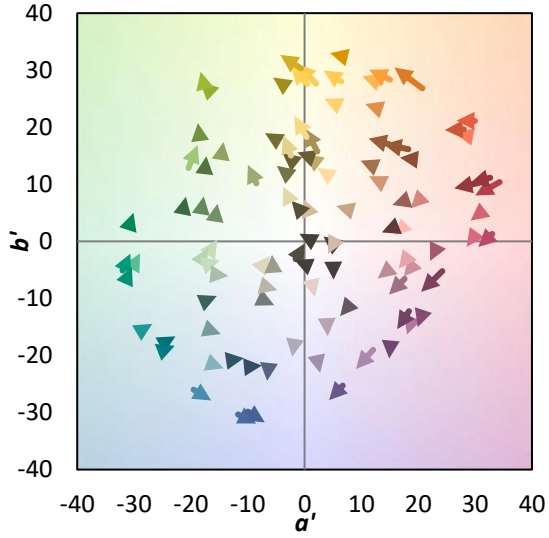


Color Vector Graphics







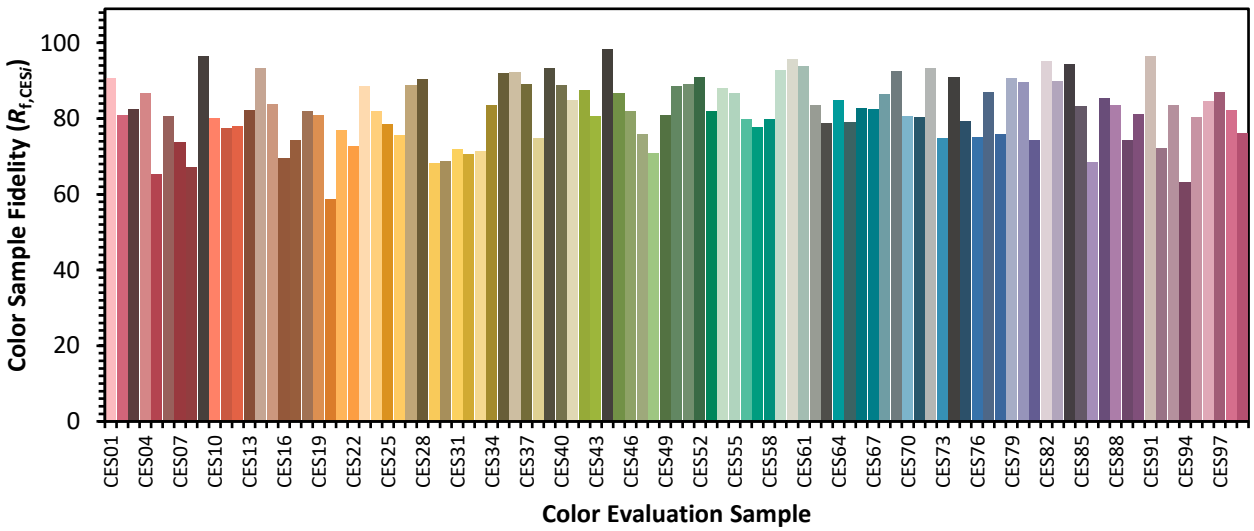


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Individual Sample Fidelity Index ($R_{f,i}$)

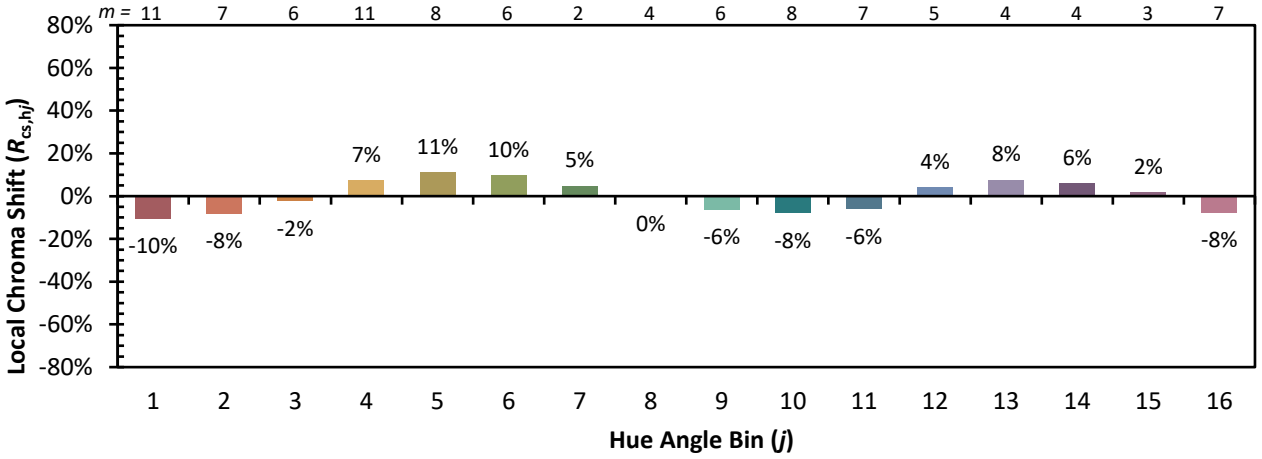
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

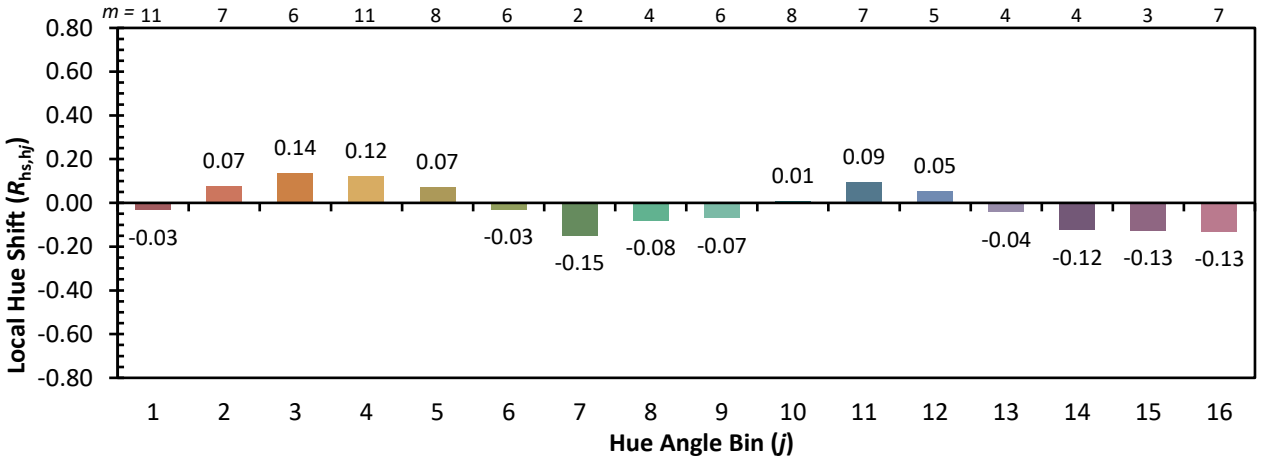


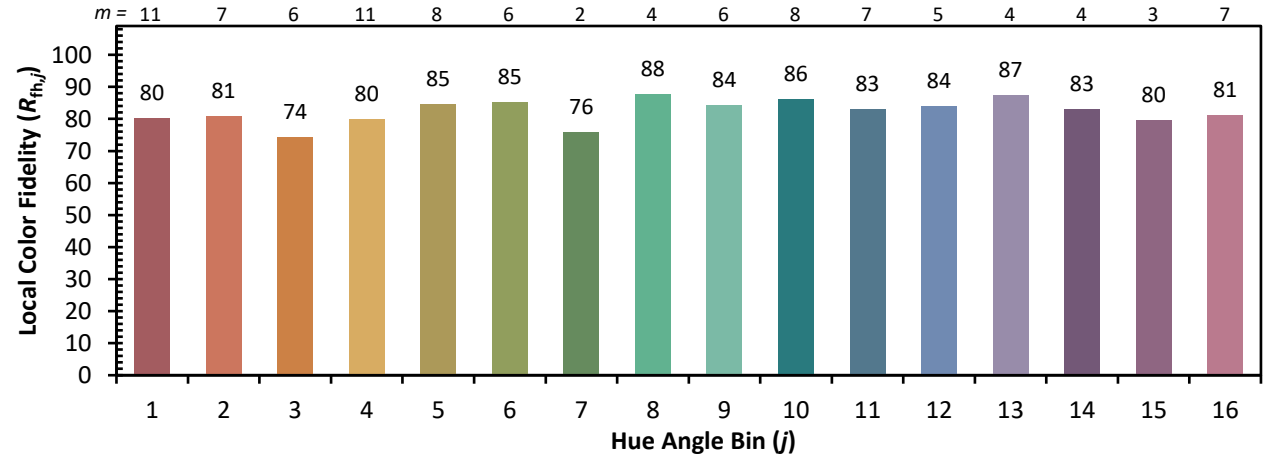
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Color Rendition by Hue-Angle Bin



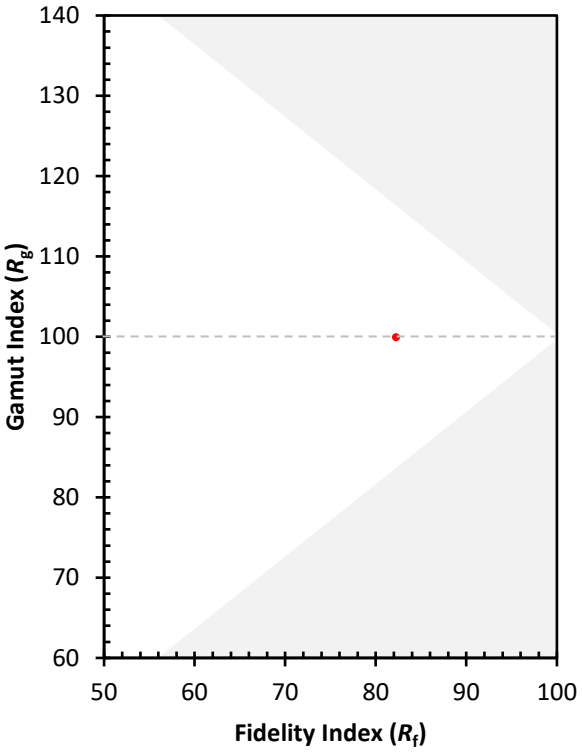


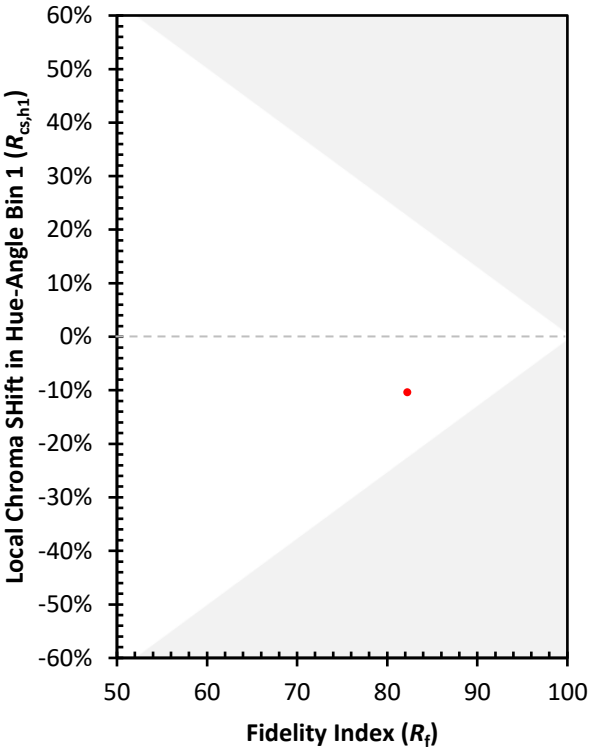


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Measure Comparisons





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