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: P1502277

Luminaire Tested: GSS-SB5A-827-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:	P1502277
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-827-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 2700K FIXTURE w/ TYPE III 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:	15837.1 lumens
Efficiency:	N/A
Efficacy:	110.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

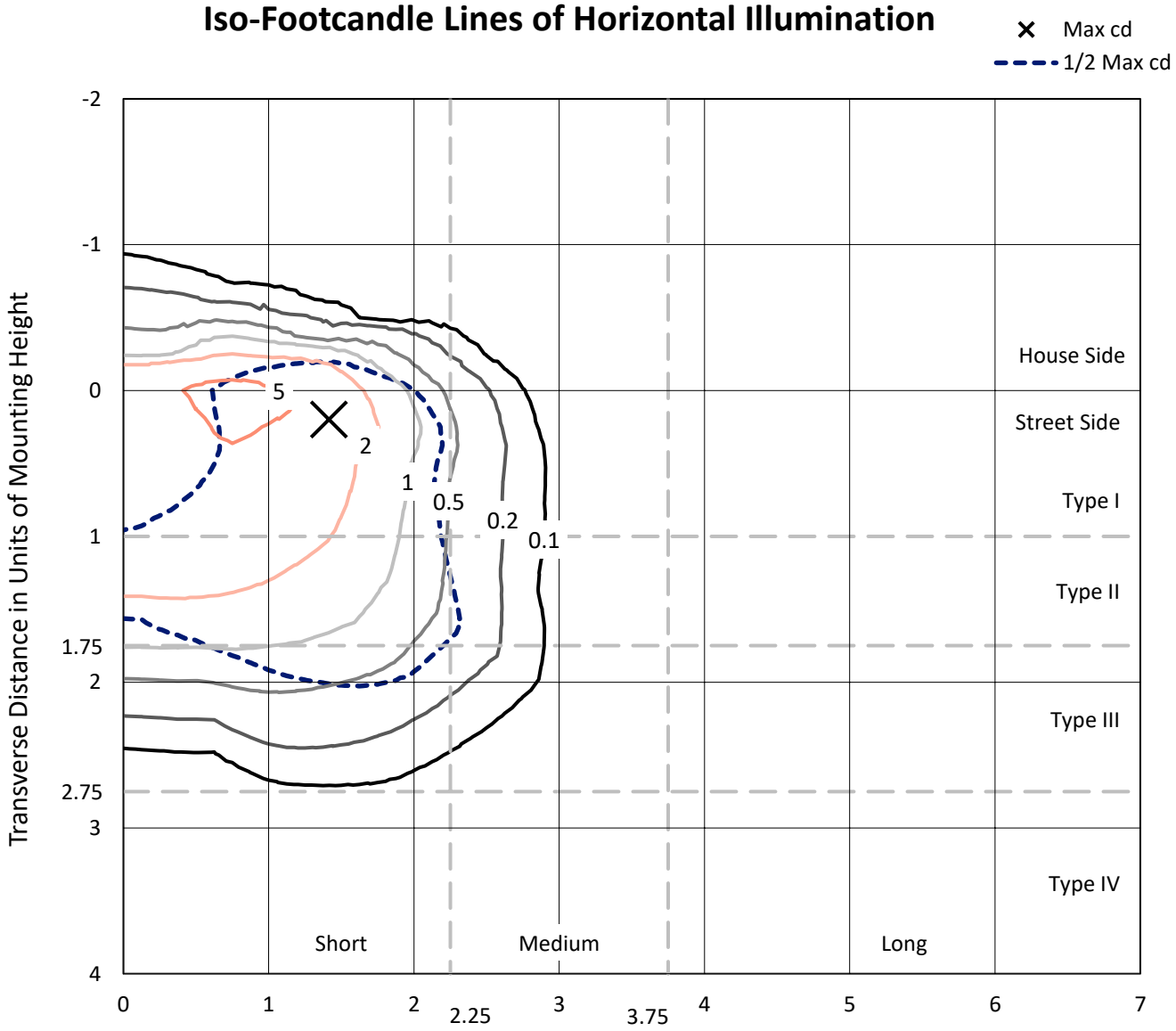
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502277
CATALOG NUMBER: GSS-SB5A-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



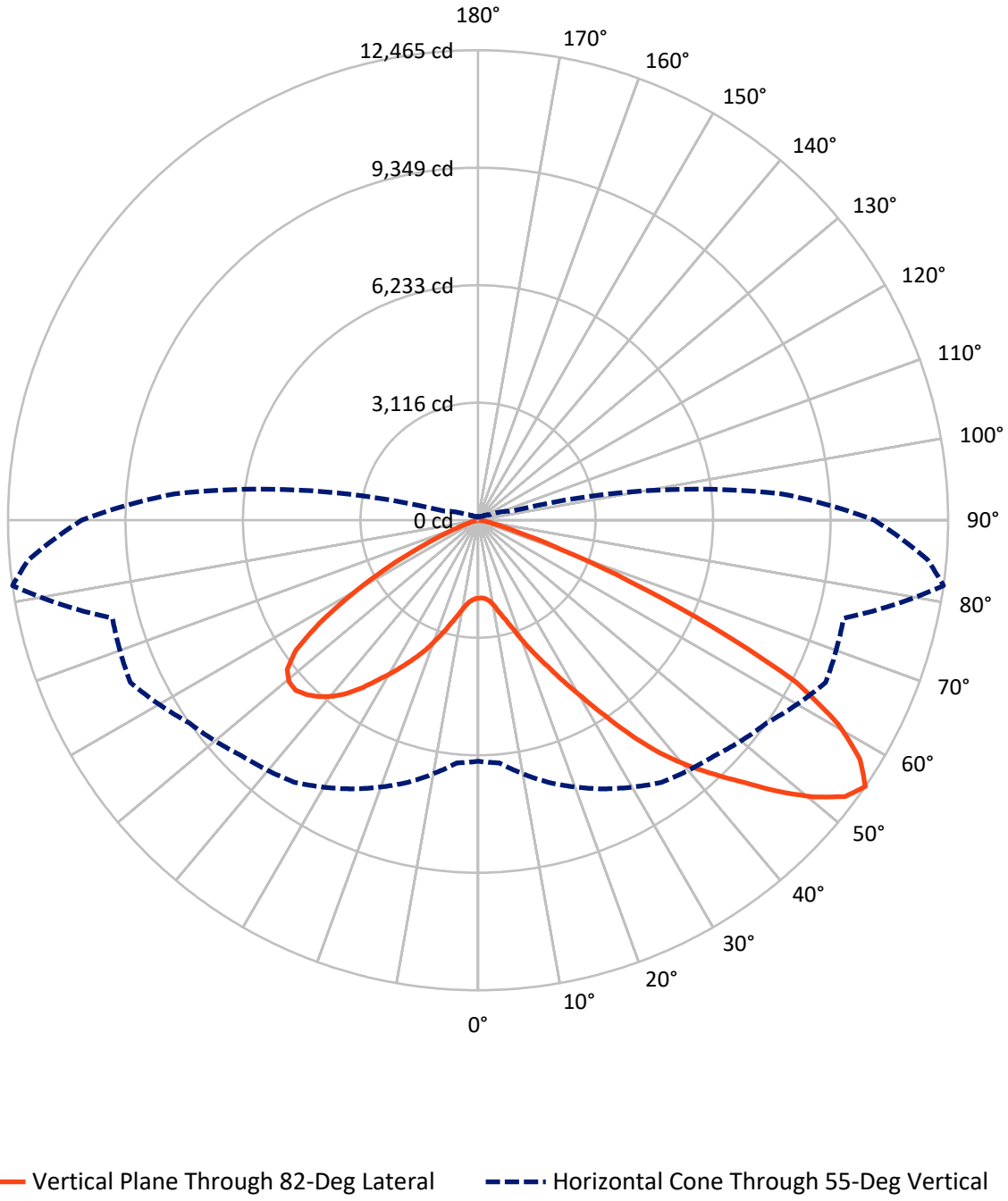
Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502277
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Luminous Intensity Polar Plot



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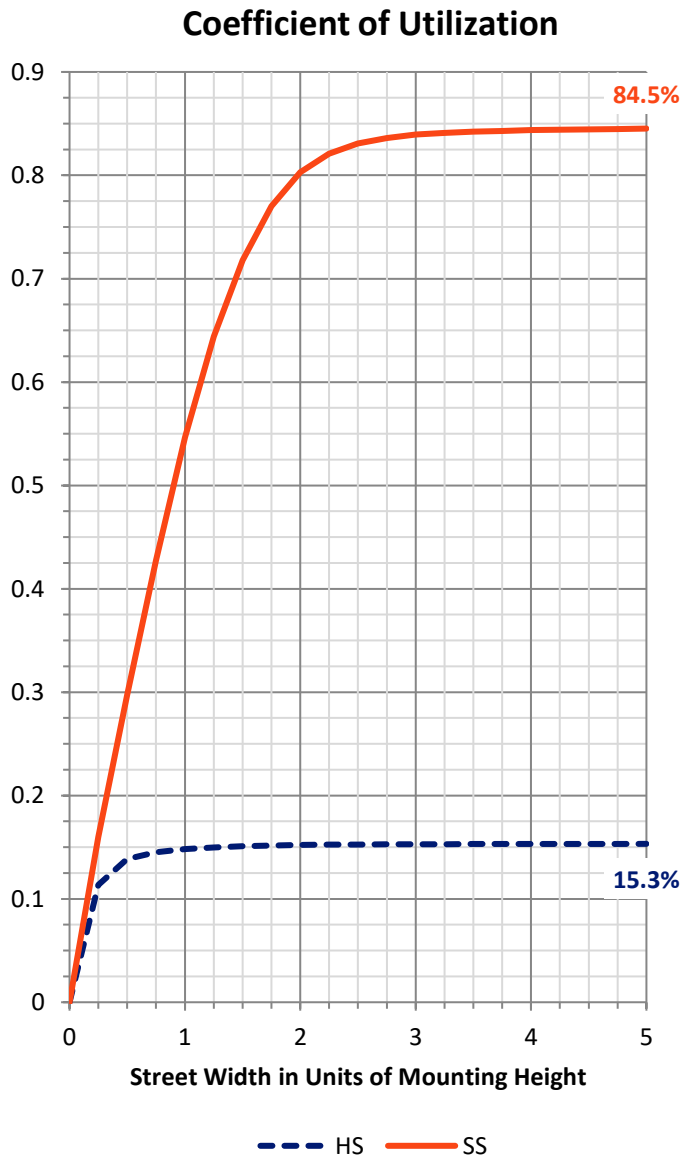
REPORT NUMBER: P1502277
CATALOG NUMBER: GSS-SB5A-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2447.9	0.0	2447.9
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	13389.2	0.0	13389.2
	% Fixture	84.5	0.0	84.5
Total	Lumens	15837.1	0.0	15837.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.4	1.2
10°-20°	507.3	3.2
20°-30°	1014.2	6.4
30°-40°	2100.3	13.3
40°-50°	3508.6	22.2
50°-60°	4450.0	28.1
60°-70°	3326.7	21.0
70°-80°	704.6	4.4
80°-90°	37.9	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°	15837.1	100.0
0°-180°	15837.1	100.0



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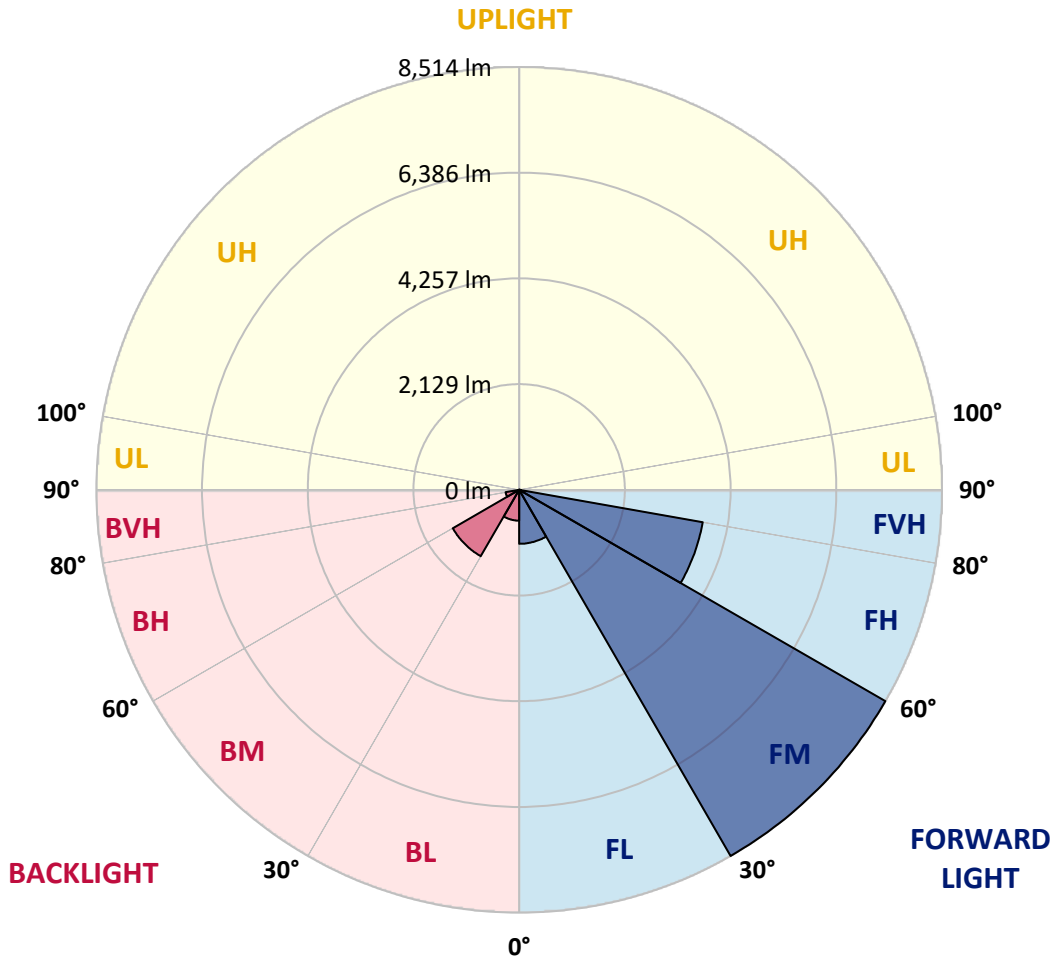
Scaled Data Report

REPORT NUMBER: P1502277
CATALOG NUMBER: GSS-SB5A-827-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1087.6	6.9			
FM	(30°-60°)	8514.3	53.8			
FH	(60°-80°)	3753.3	23.7			G2/5000
FVH	(80°-90°)	33.9	0.2			G1/100
BL	(0°-30°)	621.4	3.9	B2/1000		
BM	(30°-60°)	1544.5	9.8	B2/2500		
BH	(60°-80°)	278.0	1.8	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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REPORT NUMBER: P1502277
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	*2067.5*	2067.5
2.5°	2011.6	2015.9	2007.3	2011.6	2020.2	2015.9	2033.1	2046.0	2058.9	*2063.2*	2067.5
5°	1835.4	1839.7	1844.0	1878.4	1899.9	1951.5	1998.7	2028.8	2071.8	*2093.3*	2097.6
7.5°	1624.8	1624.8	1642.0	1685.0	1740.8	1839.7	1947.2	2033.1	2114.8	*2157.8*	2166.4
10°	1586.1	1590.4	1590.4	1620.5	1667.8	1766.6	1904.2	2076.1	2222.3	*2286.7*	2308.2
12.5°	1594.7	1599.0	1603.3	1633.4	1680.7	1766.6	1942.9	2166.4	2394.2	*2501.7*	2514.6
15°	1616.2	1624.8	1637.7	1676.4	1728.0	1839.7	2024.5	2295.3	2600.5	*2738.1*	2772.5
17.5°	1680.7	1685.0	1706.5	1749.4	1831.1	1942.9	2144.9	2463.0	2888.5	*3039.0*	3103.4
20°	1779.5	1788.1	1818.2	1878.4	1973.0	2114.8	2338.3	2682.2	3198.0	*3430.1*	3481.7
22.5°	1904.2	1904.2	1947.2	2041.7	2175.0	2334.0	2604.8	2974.5	3576.3	*3847.1*	3933.0
25°	2110.5	2106.2	2140.6	2248.1	2407.1	2639.2	2914.3	3322.7	3971.7	*4294.1*	4384.4
27.5°	2583.3	2570.4	2557.5	2561.8	2699.4	2996.0	3314.1	3761.1	4461.7	*4840.0*	4908.8
30°	3133.5	3150.7	3133.5	3090.5	3112.0	3387.1	3782.6	4298.4	5011.9	*5437.5*	5527.7
32.5°	3614.9	3623.5	3696.6	3743.9	3761.1	3890.0	4324.2	4947.4	5712.6	*6176.8*	6292.8
35°	4139.3	4152.2	4233.9	4332.8	4487.5	4603.6	5003.3	5699.7	6426.1	*7010.7*	7096.6
37.5°	4749.7	4771.2	4878.7	5020.5	5235.4	5501.9	5716.9	6383.1	7152.5	*7827.4*	7917.6
40°	5287.0	5355.8	5540.6	5721.2	5949.0	6249.9	6391.7	6980.6	7689.8	*8549.5*	8699.9
42.5°	5794.2	5832.9	6129.5	6408.9	6679.7	6924.7	7062.2	7449.1	8166.9	*9220.0*	9387.7
45°	6215.5	6245.6	6576.5	6946.2	7281.5	7526.5	7548.0	7904.7	8639.8	*9929.3*	10058.2
47.5°	6473.4	6520.7	6946.2	7367.4	7737.1	7964.9	7930.5	8485.0	9155.6	*10754.6*	10771.8
50°	6628.1	6658.2	7092.3	7638.2	8093.9	8252.9	8326.0	9039.5	9624.1	*11536.9*	11433.7
52.5°	6739.9	6787.2	7212.7	7793.0	8304.5	8519.4	8781.6	9662.8	9993.7	*12177.3*	11902.2
55°	*6391.7*	*6460.5*	*7195.5*	*7861.7*	*8485.0*	*8846.1*	*9361.9*	*10174.3*	*10036.7*	*12465.3*	*11962.4*
57.5°	6000.5	6013.4	6739.9	7840.3	8687.0	9189.9	9894.9	10213.0	9637.0	*11940.9*	11352.0
60°	5424.6	5501.9	6245.6	7560.9	8721.4	9465.0	10255.9	9744.4	8906.3	*10969.5*	10084.0
62.5°	3808.4	3928.7	4900.2	6825.8	8476.4	9615.5	10195.8	8927.7	7990.7	*9469.3*	8476.4
65°	2132.0	2235.2	3030.4	5506.2	7801.6	9581.1	9576.8	7836.0	6520.7	*6843.0*	6060.7
67.5°	1169.2	1250.8	1573.2	4143.6	6189.7	8846.1	8274.4	5979.1	4371.5	*4345.7*	3782.6
70°	816.7	821.0	992.9	2798.2	4448.8	6172.5	6469.1	4010.4	2712.3	*2398.5*	2024.5
72.5°	399.7	404.0	494.3	1319.6	2720.9	3421.5	4435.9	2084.7	1521.6	*1190.7*	1014.4
75°	202.0	197.7	270.8	494.3	1126.2	1667.8	1955.8	1044.5	885.5	*653.4*	580.3
77.5°	129.0	133.2	159.0	270.8	507.2	649.1	601.8	567.4	520.1	*382.6*	331.0
80°	86.0	86.0	107.5	171.9	249.3	309.5	184.8	262.2	305.2	*223.5*	193.4
82.5°	25.8	25.8	64.5	94.6	120.4	124.7	81.7	120.4	171.9	*124.7*	94.6
85°	17.2	17.2	34.4	47.3	51.6	43.0	25.8	51.6	81.7	*55.9*	47.3
87.5°	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	*4.3*	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: P1502277
CATALOG NUMBER: GSS-SB5A-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5	2067.5
2.5°	2071.8	2076.1	2089.0	2093.3	2101.9	2106.2	2106.2	2106.2	2101.9	2106.2	2114.8
5°	2106.2	2127.7	2144.9	2140.6	2140.6	2119.1	2101.9	2067.5	2050.3	2046.0	2050.3
7.5°	2192.2	2209.4	2226.6	2200.8	2136.3	2037.4	1930.0	1844.0	1770.9	1736.5	1749.4
10°	2346.9	2368.4	2368.4	2248.1	2067.5	1835.4	1642.0	1482.9	1362.6	1298.1	1328.2
12.5°	2570.4	2587.6	2544.6	2291.0	1947.2	1564.6	1242.2	975.7	821.0	743.6	726.4
15°	2828.3	2854.1	2708.0	2282.4	1758.0	1169.2	773.7	580.3	524.4	507.2	511.5
17.5°	3159.3	3172.2	2888.5	2213.7	1431.4	765.1	550.2	494.3	481.4	472.8	472.8
20°	3567.7	3529.0	3034.7	2097.6	1044.5	601.8	507.2	464.2	451.3	447.0	451.3
22.5°	4006.1	3945.9	3155.0	1878.4	790.9	567.4	485.7	438.4	421.2	416.9	416.9
25°	4466.0	4328.5	3249.6	1556.0	739.3	558.8	459.9	399.7	382.6	374.0	374.0
27.5°	4990.4	4754.0	3301.2	1302.4	752.2	545.9	429.8	365.4	339.6	331.0	331.0
30°	5570.7	5226.8	3305.5	1250.8	778.0	528.7	399.7	326.7	300.9	288.0	292.3
32.5°	6275.6	5708.3	3292.6	1332.5	795.2	515.8	365.4	288.0	266.5	253.6	253.6
35°	7006.4	6292.8	3241.0	1487.2	803.8	477.1	322.4	253.6	227.8	223.5	227.8
37.5°	7732.8	6847.3	3167.9	1573.2	760.8	391.2	262.2	219.2	202.0	202.0	202.0
40°	8394.7	7328.7	3069.0	1500.1	606.1	283.7	214.9	189.1	180.5	176.2	180.5
42.5°	8889.1	7758.6	2888.5	1263.7	429.8	227.8	189.1	167.6	159.0	159.0	163.3
45°	9430.7	8171.2	2540.3	928.5	326.7	197.7	163.3	146.1	141.8	141.8	146.1
47.5°	9976.6	8502.2	2205.1	619.0	283.7	176.2	146.1	133.2	129.0	124.7	129.0
50°	10393.5	8661.2	1766.6	451.3	257.9	159.0	133.2	124.7	116.1	111.8	111.8
52.5°	10690.1	8618.3	1293.8	386.9	236.4	146.1	124.7	116.1	103.2	103.2	103.2
55°	*10509.6*	*8068.1*	*932.7*	*348.2*	*219.2*	*137.5*	*120.4*	*107.5*	*98.9*	*94.6*	*94.6*
57.5°	9632.7	6877.4	674.8	313.8	193.4	129.0	116.1	103.2	90.3	86.0	86.0
60°	8373.3	5355.8	502.9	275.1	167.6	124.7	103.2	98.9	86.0	77.4	77.4
62.5°	6843.0	3898.6	391.2	236.4	150.4	107.5	98.9	90.3	77.4	68.8	64.5
65°	4749.7	2488.8	300.9	193.4	141.8	94.6	90.3	77.4	64.5	51.6	51.6
67.5°	2931.5	1478.6	232.1	150.4	111.8	81.7	77.4	68.8	55.9	43.0	43.0
70°	1620.5	782.3	159.0	111.8	86.0	64.5	60.2	60.2	47.3	38.7	34.4
72.5°	778.0	425.5	107.5	94.6	64.5	43.0	47.3	47.3	38.7	30.1	30.1
75°	468.5	253.6	73.1	73.1	43.0	34.4	34.4	38.7	30.1	21.5	21.5
77.5°	266.5	150.4	43.0	55.9	30.1	21.5	25.8	21.5	17.2	12.9	12.9
80°	150.4	86.0	25.8	38.7	17.2	12.9	12.9	8.6	8.6	4.3	4.3
82.5°	73.1	47.3	12.9	12.9	8.6	4.3	4.3	4.3	4.3	0.0	0.0
85°	34.4	8.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3	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: SP1-2407-184-8

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

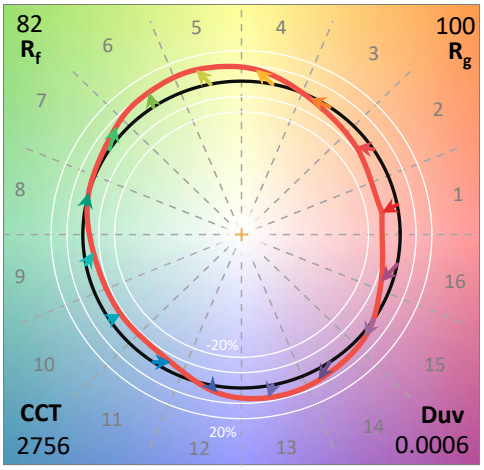
Test Information

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

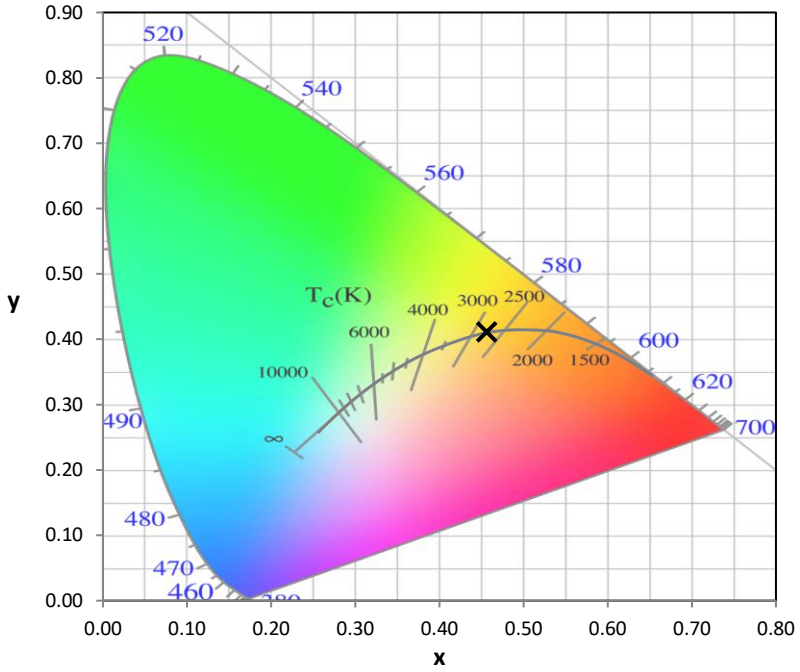
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

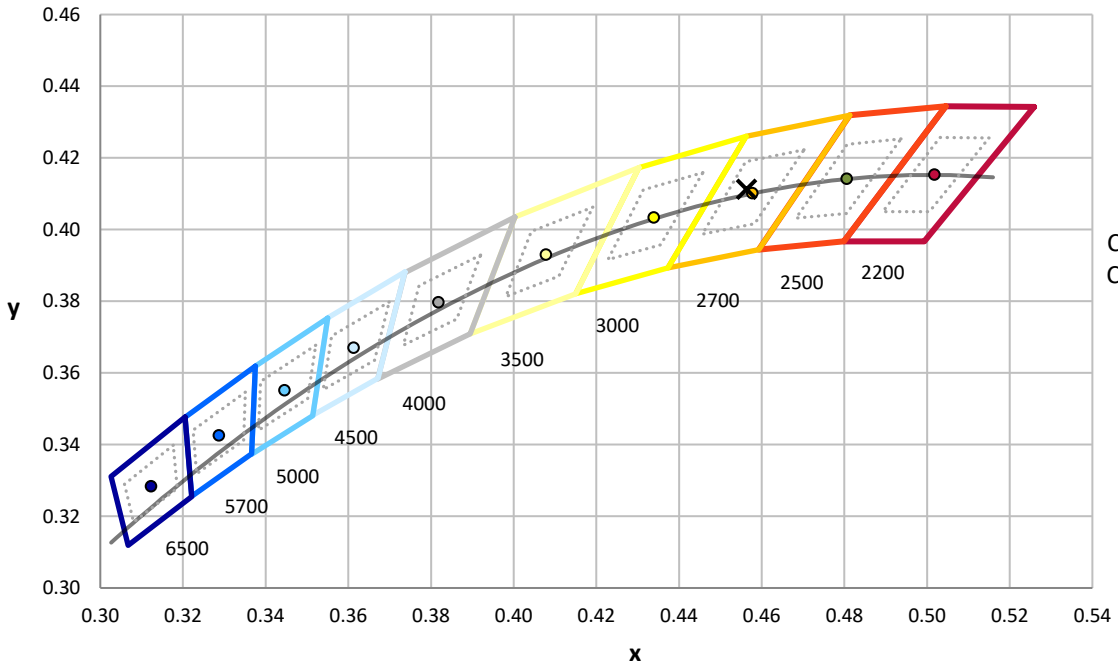
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

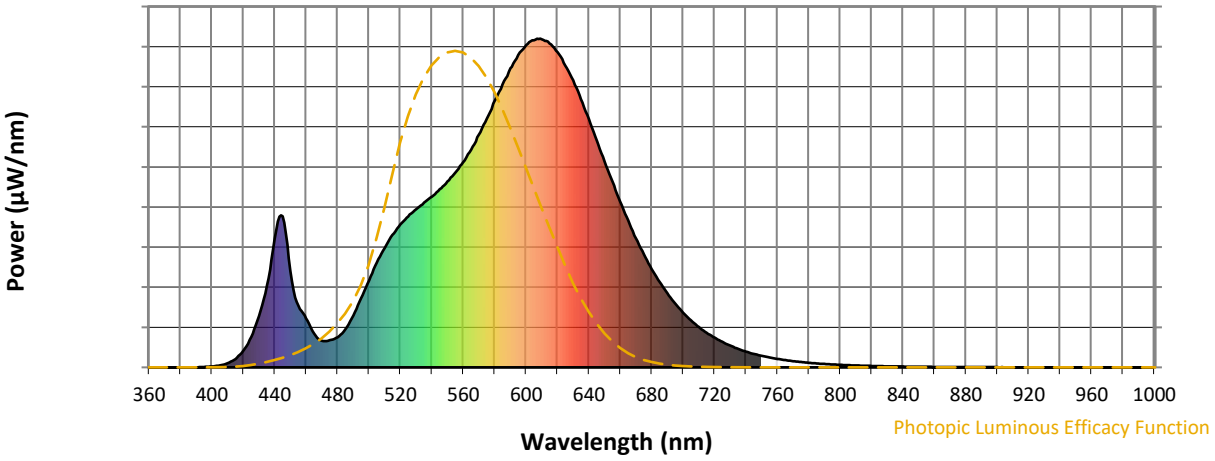


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

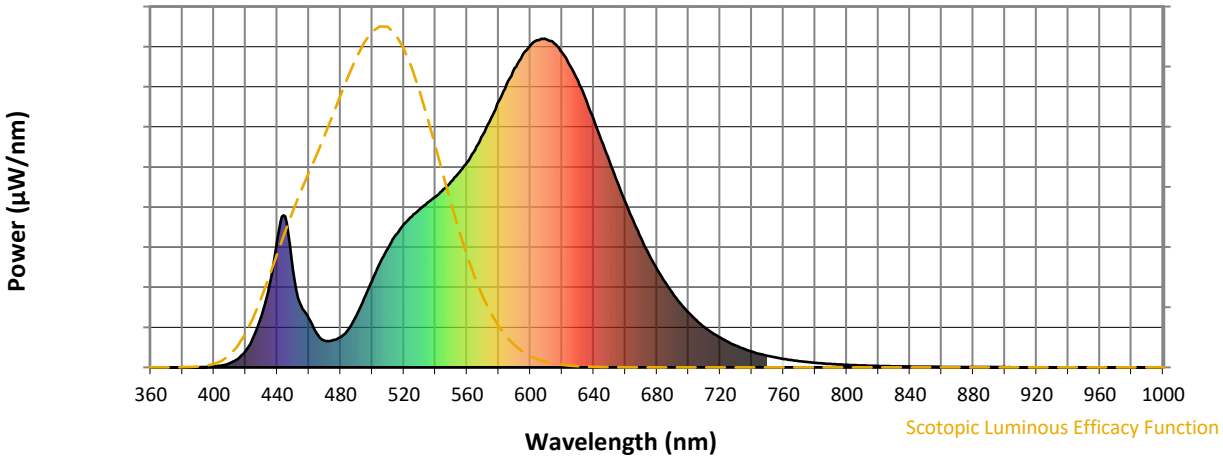


Photopic Lumens: NR

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

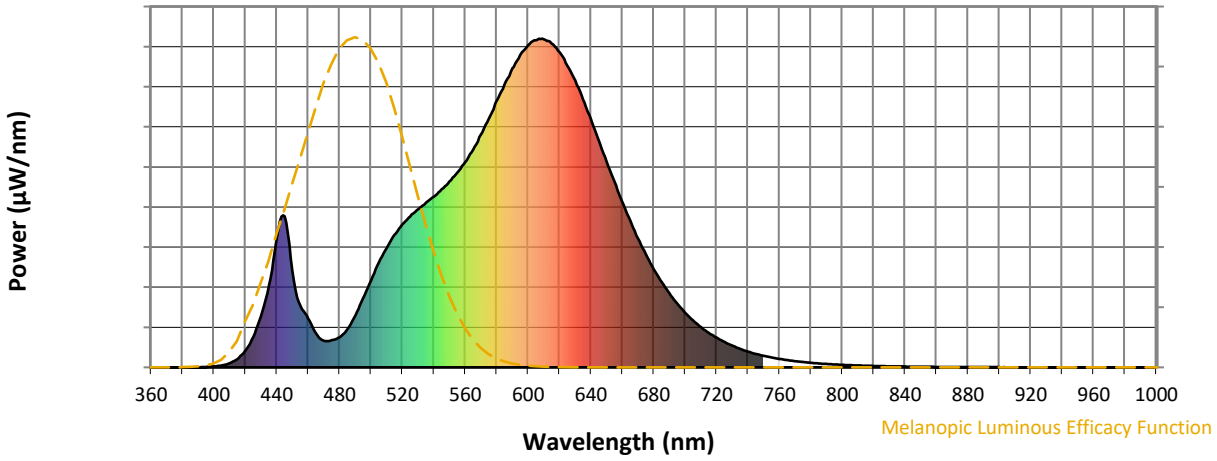


Scotopic Lumens: NR **S/P: 1.2**

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			

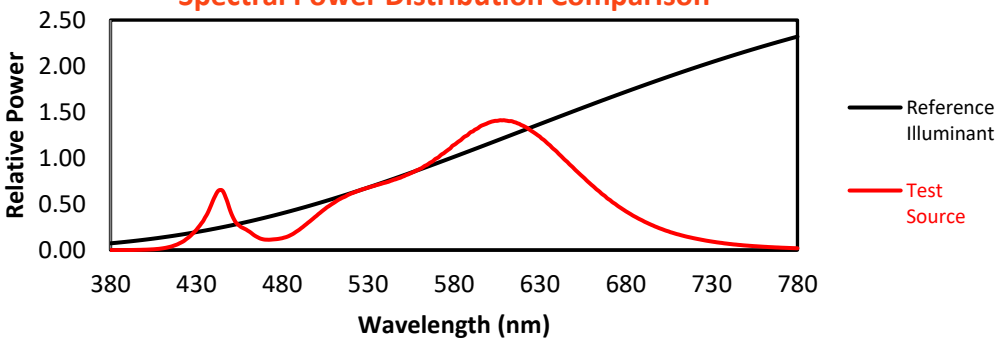
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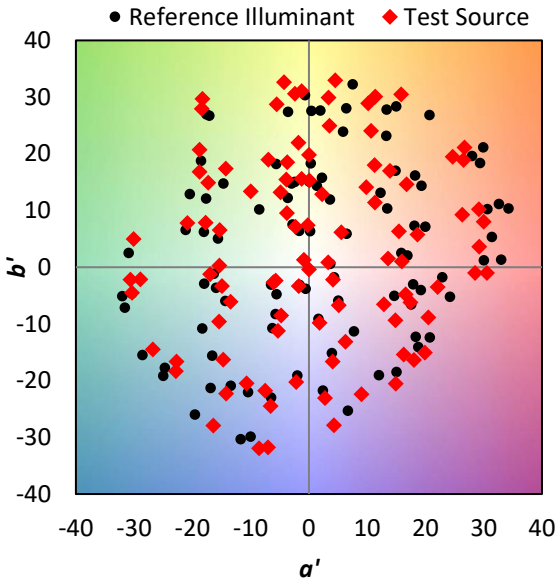
Summary

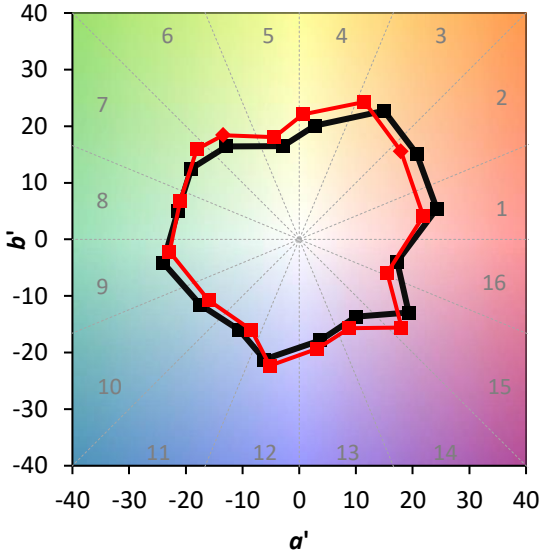
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

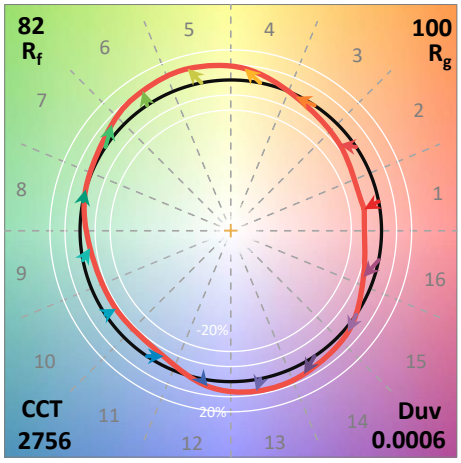
Spectral Power Distribution Comparison

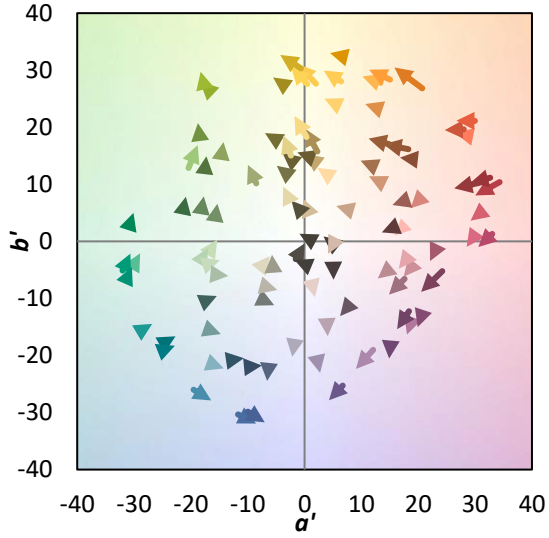


Color Vector Graphics







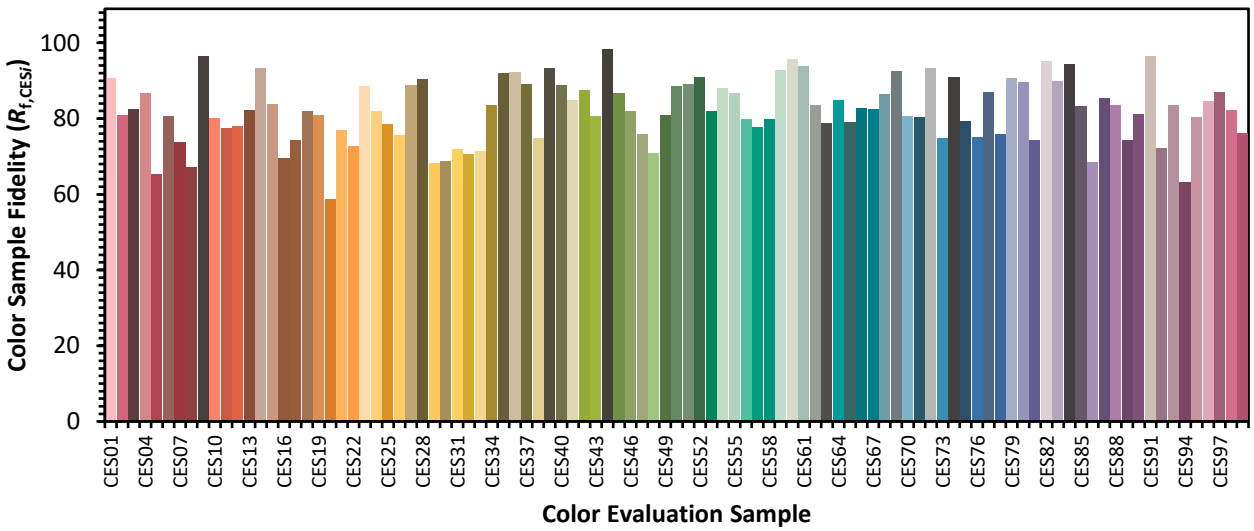


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Individual Sample Fidelity Index ($R_{f,i}$)

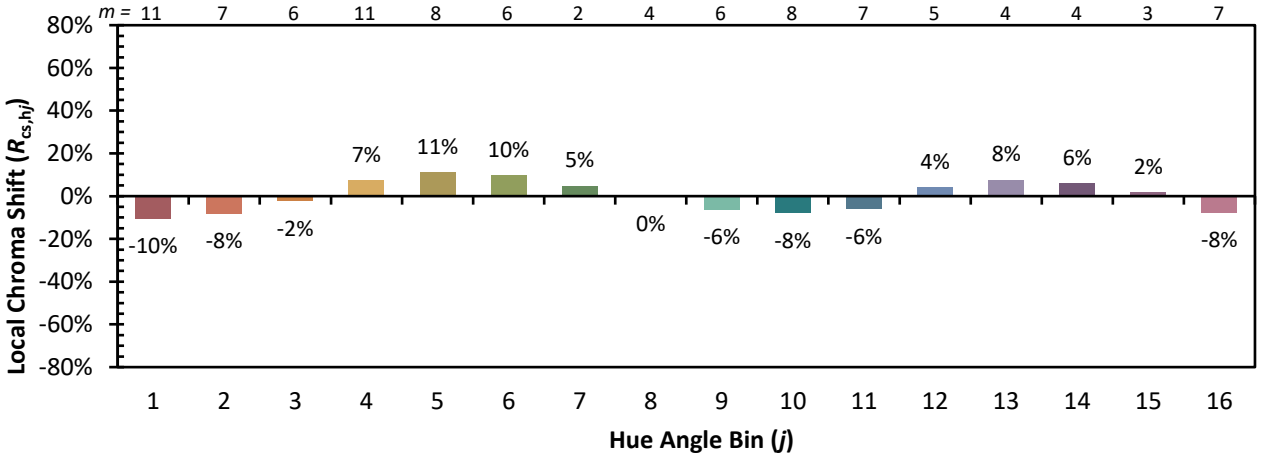
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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	

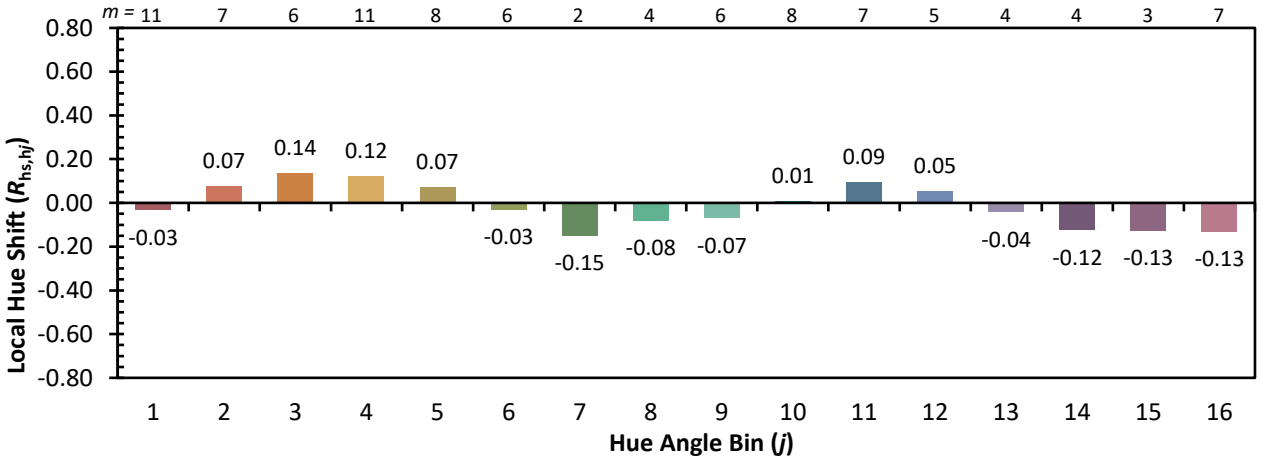


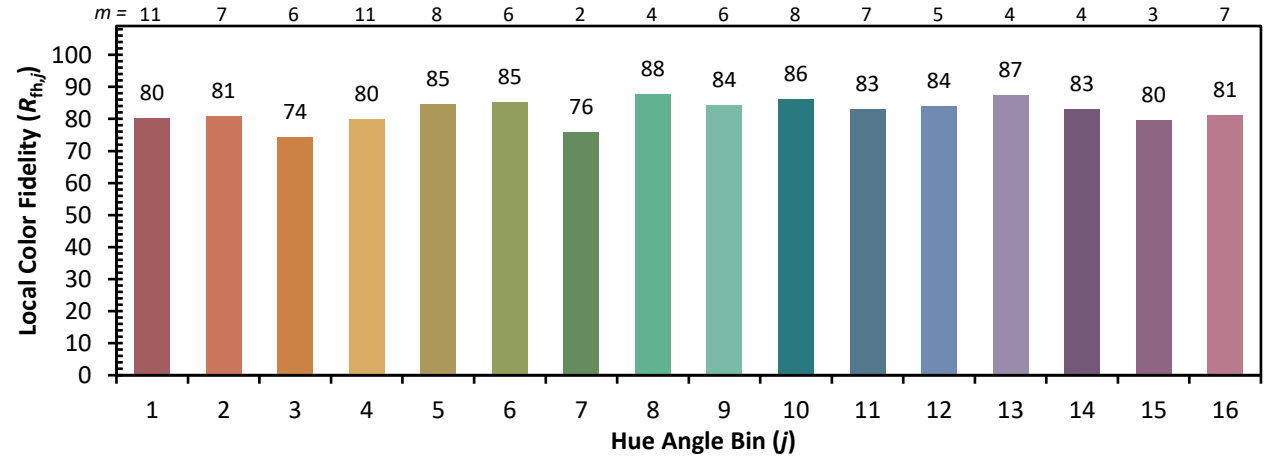
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Color Rendition by Hue-Angle Bin



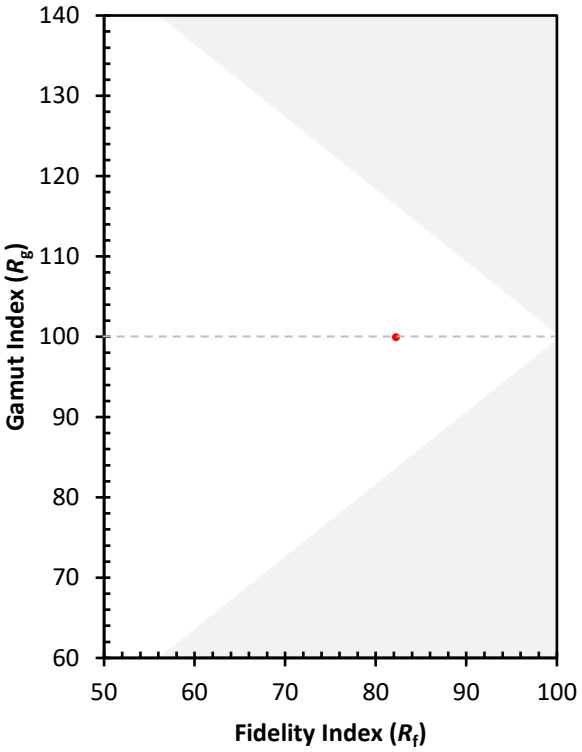


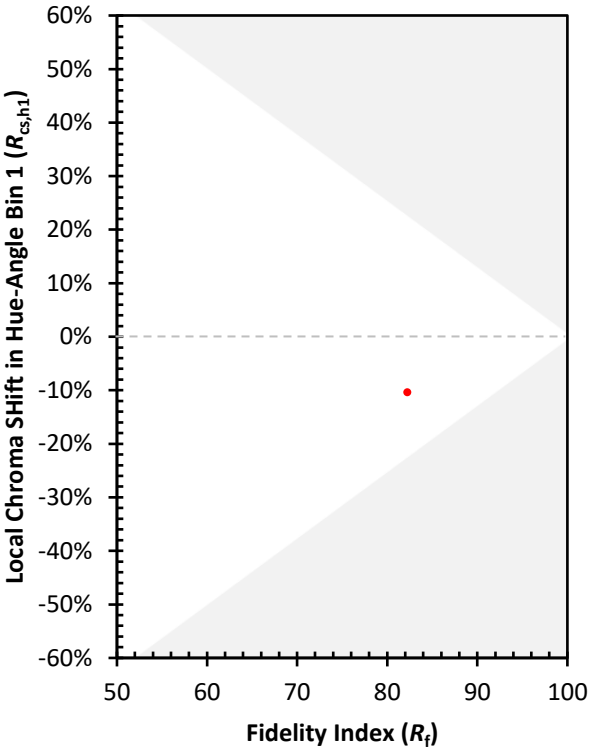


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Measure Comparisons





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