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: P1500732

Luminaire Tested: GSS-SB2D-827-U-T4LG

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:	P1500732
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(52) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16557.2 lumens
Efficiency:	N/A
Efficacy:	112.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

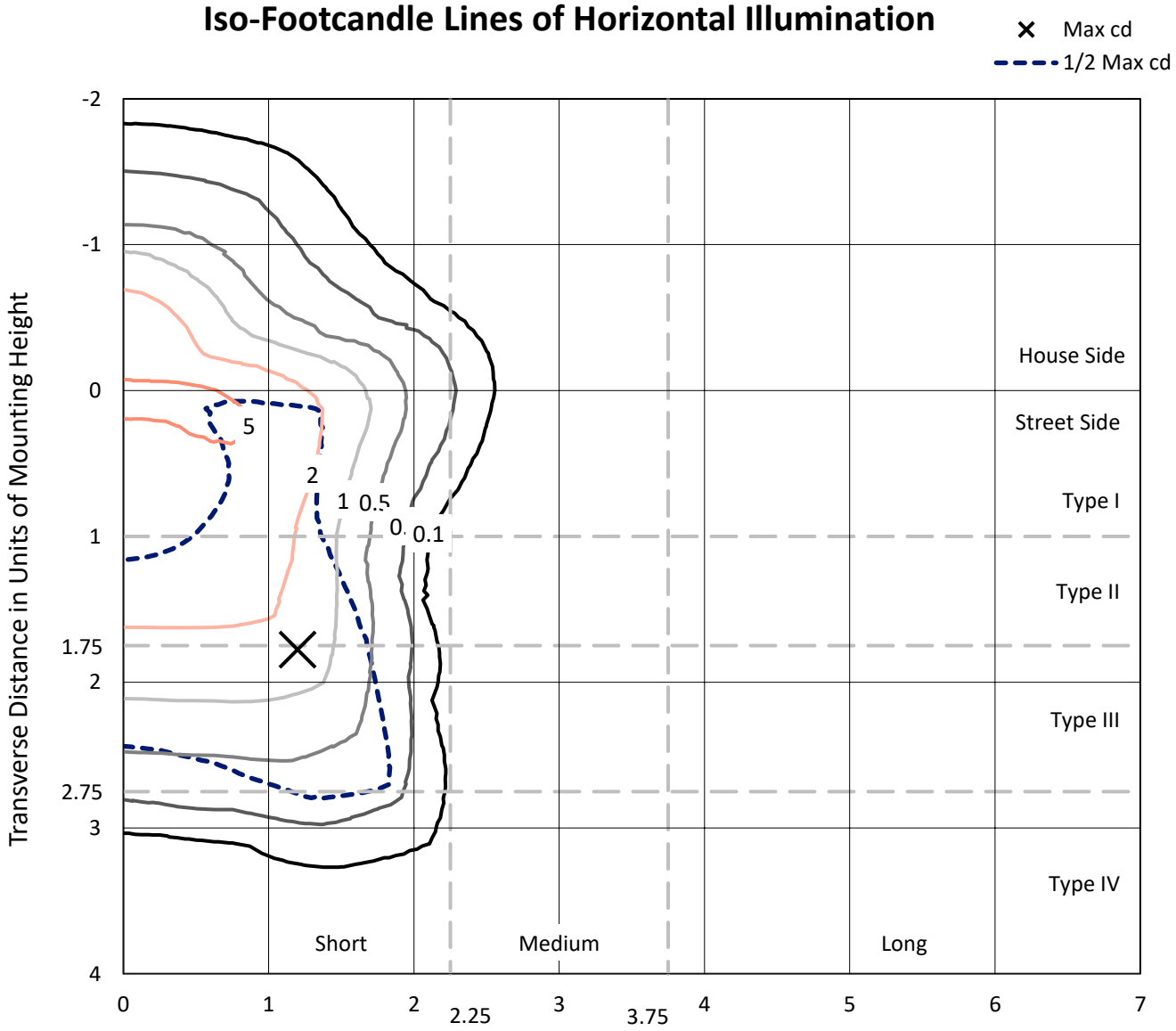
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500732
CATALOG NUMBER: GSS-SB2D-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



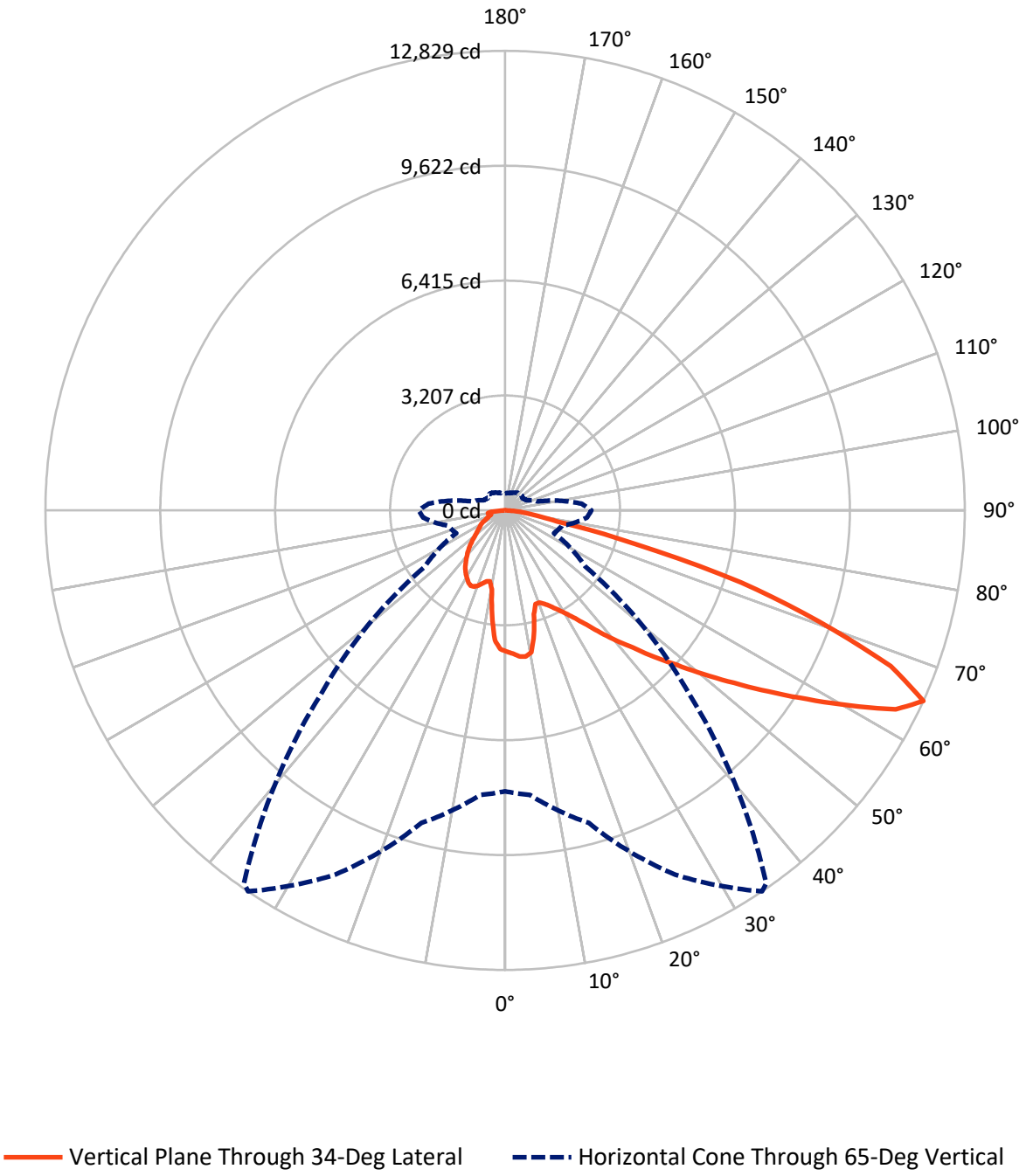
Based on 25 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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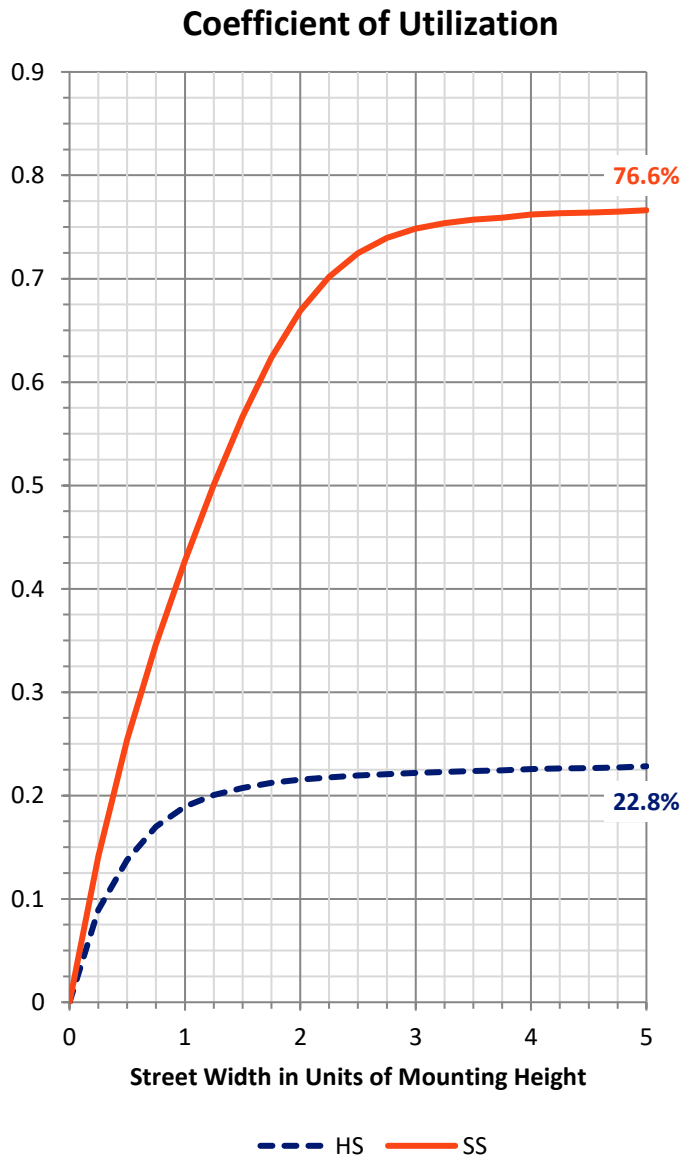
REPORT NUMBER: P1500732
CATALOG NUMBER: GSS-SB2D-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3852.1	0.0	3852.1
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	12705.1	0.0	12705.1
	% Fixture	76.7	0.0	76.7
Total	Lumens	16557.2	0.0	16557.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	354.9	2.1
10°-20°	893.2	5.4
20°-30°	1480.6	8.9
30°-40°	2226.7	13.4
40°-50°	3119.5	18.8
50°-60°	3933.2	23.8
60°-70°	3382.9	20.4
70°-80°	1005.7	6.1
80°-90°	160.5	1.0
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°	16557.2	100.0
0°-180°	16557.2	100.0



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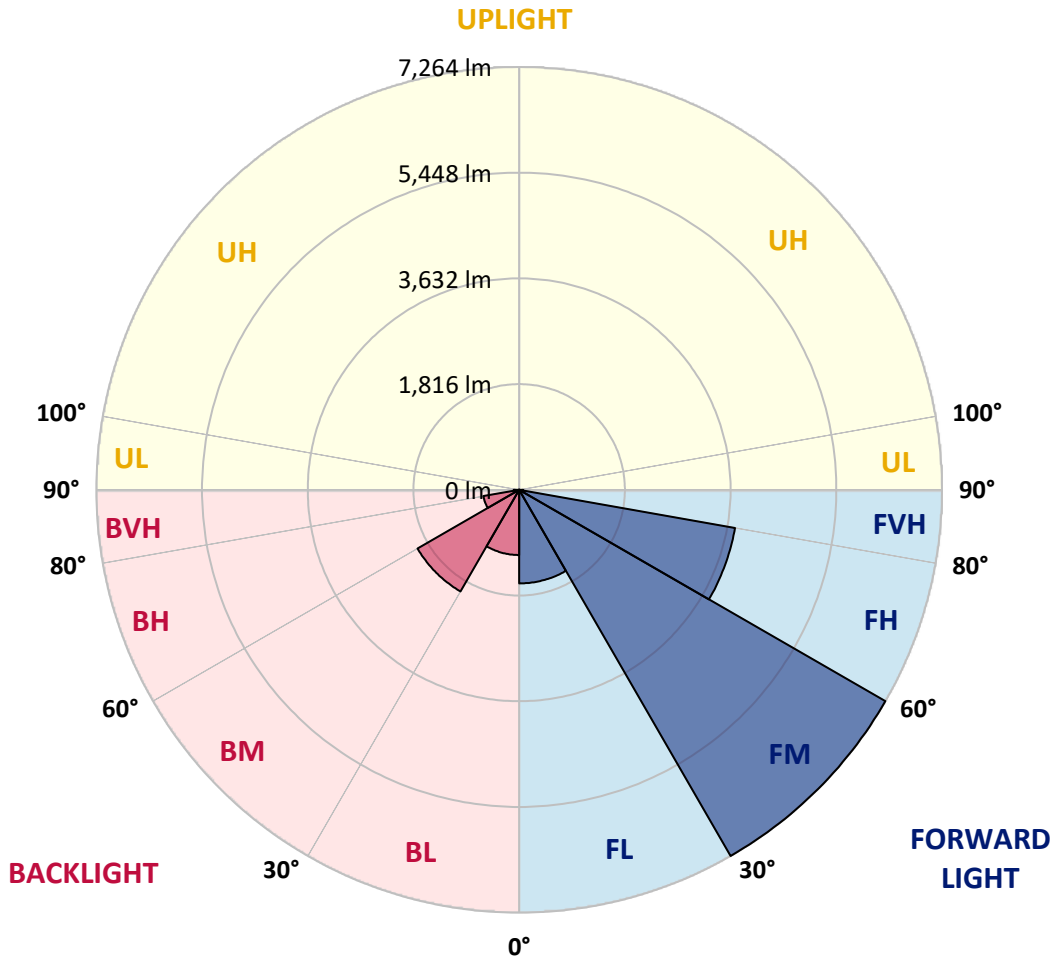
Scaled Data Report

REPORT NUMBER: P1500732
CATALOG NUMBER: GSS-SB2D-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1607.8	9.7			
FM	(30°-60°)	7264.2	43.9			
FH	(60°-80°)	3765.2	22.7			G2/5000
FVH	(80°-90°)	67.9	0.4			G1/100
BL	(0°-30°)	1120.8	6.8	B3/2500		
BM	(30°-60°)	2015.3	12.2	B2/2500		
BH	(60°-80°)	623.4	3.8	B2/1000		G2/1000
BVH	(80°-90°)	92.6	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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REPORT NUMBER: P1500732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	3936.6	3936.6	3936.6	3936.6	*3936.6*	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6
2.5°	4011.5	4034.0	4007.8	3996.5	*4000.3*	4004.0	3985.3	3989.0	3966.5	3966.5	3947.8
5°	4097.8	4101.5	4086.5	4097.8	*4094.0*	4090.3	4090.3	4086.5	4037.8	4026.5	4007.8
7.5°	4049.0	4064.0	4071.5	4112.8	*4124.0*	4146.5	4161.5	4169.0	4131.5	4101.5	4052.8
10°	3602.9	3614.1	3700.4	3887.8	*4030.3*	4056.5	4195.2	4274.0	4247.7	4232.7	4150.3
12.5°	2879.3	2898.1	2995.5	3239.2	*3572.9*	3644.1	4086.5	4352.7	4412.7	4416.4	4296.5
15°	2568.1	2568.1	2598.1	2736.8	*3006.8*	3063.0	3715.4	4375.2	4588.9	4615.1	4468.9
17.5°	2504.4	2500.6	2519.4	2601.9	*2744.3*	2778.1	3288.0	4259.0	4798.8	4843.8	4656.4
20°	2500.6	2489.4	2526.9	2620.6	*2744.3*	2774.3	3089.3	4056.5	4963.8	5106.3	4843.8
22.5°	2504.4	2504.4	2556.9	2691.9	*2834.3*	2860.6	3126.7	3887.8	5098.8	5380.0	5042.5
25°	2545.6	2538.1	2613.1	2778.1	*2973.0*	2991.8	3280.5	3880.3	5215.0	5687.4	5282.5
27.5°	2613.1	2616.9	2718.1	2916.8	*3138.0*	3175.5	3494.2	4041.5	5357.5	6024.8	5514.9
30°	2755.6	2759.3	2879.3	3081.8	*3336.7*	3385.4	3741.6	4281.5	5559.9	6388.5	5766.1
32.5°	2916.8	2935.5	3081.8	3318.0	*3591.6*	3617.9	4045.3	4641.4	5863.6	6752.1	6036.0
35°	3186.7	3205.5	3370.4	3617.9	*3921.6*	3959.0	4416.4	5057.5	6234.8	7119.5	6246.0
37.5°	3535.4	3550.4	3711.6	4011.5	*4334.0*	4371.4	4828.8	5499.9	6609.7	7412.0	6433.5
40°	3951.5	3985.3	4157.8	4450.2	*4776.4*	4798.8	5278.7	5927.3	7014.6	7614.4	6508.4
42.5°	4405.2	4438.9	4615.1	4937.6	*5237.5*	5305.0	5766.1	6381.0	7344.5	7704.4	6448.4
45°	4986.3	4978.8	5143.8	5481.2	*5833.6*	5859.8	6287.2	6755.9	7543.2	7629.4	6388.5
47.5°	5691.1	5698.6	5803.6	6077.3	*6441.0*	6500.9	6830.9	7078.3	7659.4	7569.4	6321.0
50°	6485.9	6504.7	6594.7	6793.4	*7183.3*	7224.5	7322.0	7303.2	7730.6	7442.0	6347.2
52.5°	7280.7	7292.0	7412.0	7621.9	*8000.6*	8030.6	7816.9	7475.7	7464.5	6928.3	6291.0
55°	7933.1	7929.3	8143.0	8465.5	*8926.6*	8907.9	8304.3	7344.5	6632.2	6129.8	6039.8
57.5°	8499.2	8521.7	8799.1	9357.7	*9938.9*	9923.9	8825.4	6650.9	5417.4	5185.0	5631.1
60°	9009.1	9061.6	9582.7	10418.7	*11059.8*	10969.9	8919.1	5604.9	4214.0	4060.3	4821.3
62.5°	8787.9	8885.4	9721.4	11352.3	*12233.3*	12034.6	8341.7	4341.5	2853.1	2714.3	3407.9
65°	*7843.1*	*7974.3*	*9035.3*	*11217.3*	*12829.4*	*12705.7*	*7292.0*	*2729.3*	*1503.4*	*1649.6*	*2294.4*
67.5°	6587.2	6744.6	7891.9	10077.6	*11607.2*	11341.0	5664.9	1435.9	701.1	1087.2	1424.7
70°	3610.4	4000.3	5706.1	8570.4	*9297.8*	8926.6	3276.7	678.6	509.9	678.6	851.0
72.5°	1357.2	1450.9	2474.4	5762.4	*6887.1*	6429.7	1244.7	438.6	427.4	502.4	614.9
75°	652.3	697.3	1076.0	2620.6	*3760.3*	3505.4	611.1	326.2	367.4	393.7	446.1
77.5°	389.9	419.9	671.1	1522.1	*1480.9*	1360.9	374.9	251.2	296.2	281.2	262.4
80°	232.4	258.7	408.7	866.0	*892.3*	791.1	228.7	176.2	206.2	180.0	161.2
82.5°	135.0	146.2	213.7	389.9	*566.1*	521.1	131.2	105.0	150.0	120.0	90.0
85°	67.5	71.2	97.5	168.7	*281.2*	213.7	56.2	48.7	71.2	52.5	30.0
87.5°	15.0	15.0	15.0	18.7	*26.2*	26.2	7.5	3.7	3.7	3.7	3.7
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: P1500732
CATALOG NUMBER: GSS-SB2D-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6	3936.6
2.5°	3944.1	3951.5	3925.3	3895.3	3887.8	3865.3	3872.8	3857.8	3835.3	3839.1	3842.8
5°	3981.5	3966.5	3914.1	3846.6	3786.6	3719.1	3640.4	3550.4	3486.7	3460.4	3482.9
7.5°	4015.3	4000.3	3910.3	3760.3	3557.9	3276.7	2984.3	2718.1	2534.4	2466.9	2481.9
10°	4109.0	4049.0	3884.1	3557.9	3074.3	2541.9	2245.7	2080.7	2024.5	1994.5	1998.3
12.5°	4232.7	4150.3	3835.3	3205.5	2474.4	2137.0	2032.0	1994.5	1975.8	1968.3	1975.8
15°	4382.7	4255.2	3719.1	2763.1	2197.0	2065.8	2043.3	2047.0	2047.0	2050.8	2050.8
17.5°	4513.9	4315.2	3509.2	2444.4	2140.7	2103.2	2125.7	2144.5	2144.5	2148.2	2144.5
20°	4633.9	4345.2	3239.2	2309.4	2152.0	2170.7	2223.2	2242.0	2245.7	2242.0	2242.0
22.5°	4761.4	4364.0	2969.3	2234.5	2178.2	2234.5	2290.7	2316.9	2324.4	2328.2	2331.9
25°	4885.1	4326.5	2748.1	2174.5	2167.0	2245.7	2309.4	2343.2	2350.7	2350.7	2354.4
27.5°	5008.8	4315.2	2598.1	2095.7	2114.5	2178.2	2253.2	2298.2	2328.2	2331.9	2335.7
30°	5151.3	4281.5	2455.7	1990.8	1998.3	2077.0	2155.7	2234.5	2294.4	2320.7	2320.7
32.5°	5248.7	4247.7	2328.2	1878.3	1878.3	1960.8	2058.3	2155.7	2242.0	2294.4	2305.7
35°	5342.5	4217.7	2215.7	1765.8	1769.6	1848.3	1949.5	2054.5	2163.2	2227.0	2257.0
37.5°	5391.2	4187.7	2137.0	1679.6	1664.6	1747.1	1814.6	1900.8	2017.0	2122.0	2148.2
40°	5402.5	4187.7	2129.5	1619.6	1555.9	1649.6	1679.6	1739.6	1844.6	1957.0	1998.3
42.5°	5327.5	4146.5	2167.0	1582.1	1443.4	1510.9	1544.6	1574.6	1642.1	1735.8	1769.6
45°	5237.5	4090.3	2200.7	1529.6	1304.7	1357.2	1409.7	1413.4	1443.4	1465.9	1488.4
47.5°	5162.5	4030.3	2140.7	1432.2	1162.2	1199.7	1255.9	1255.9	1241.0	1196.0	1181.0
50°	5222.5	4049.0	2039.5	1293.4	1031.0	1057.2	1117.2	1083.5	1049.7	956.0	944.8
52.5°	5275.0	4120.3	1919.5	1158.5	918.5	944.8	1004.8	952.3	884.8	809.8	798.6
55°	5188.8	4124.0	1698.3	1008.5	839.8	862.3	918.5	854.8	791.1	746.1	738.6
57.5°	4930.1	4011.5	1465.9	892.3	772.3	794.8	847.3	783.6	723.6	719.8	738.6
60°	4360.2	3617.9	1252.2	817.3	708.6	734.8	787.3	719.8	641.1	607.4	618.6
62.5°	3291.7	2781.8	1072.2	731.1	648.6	682.3	719.8	611.1	543.6	528.6	513.6
65°	*2406.9*	*2137.0*	*963.5*	*663.6*	*592.4*	*633.6*	*603.6*	*543.6*	*498.6*	*483.6*	*476.1*
67.5°	1555.9	1450.9	828.6	599.9	539.9	573.6	532.4	502.4	453.6	446.1	457.4
70°	952.3	986.0	693.6	528.6	487.4	479.9	487.4	457.4	404.9	416.1	431.1
72.5°	674.8	727.3	596.1	461.1	416.1	401.2	434.9	416.1	378.7	389.9	404.9
75°	483.6	539.9	491.1	378.7	352.4	344.9	404.9	416.1	389.9	397.4	408.7
77.5°	284.9	344.9	348.7	292.4	266.2	307.4	431.1	479.9	461.1	438.6	427.4
80°	183.7	206.2	247.4	187.5	187.5	266.2	472.4	584.9	502.4	446.1	438.6
82.5°	93.7	108.7	161.2	120.0	112.5	198.7	464.9	558.6	554.9	494.9	483.6
85°	26.2	33.7	75.0	52.5	45.0	105.0	348.7	419.9	374.9	273.7	277.4
87.5°	3.7	3.7	0.0	0.0	3.7	15.0	41.2	7.5	7.5	7.5	7.5
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

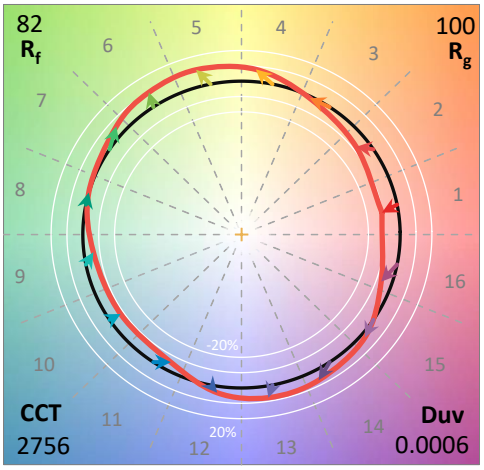
Test Information

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

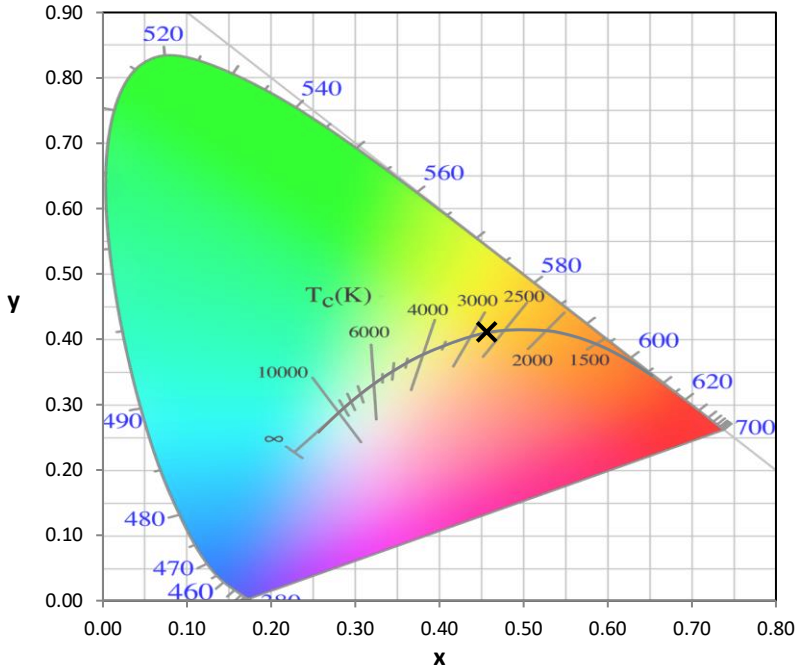
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

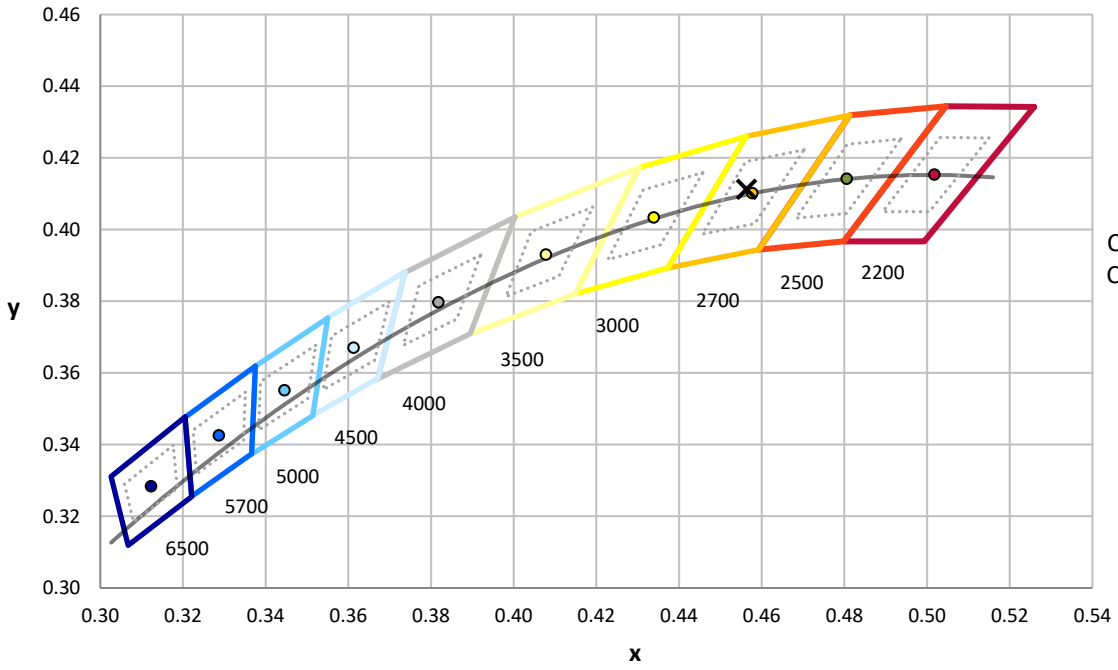
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

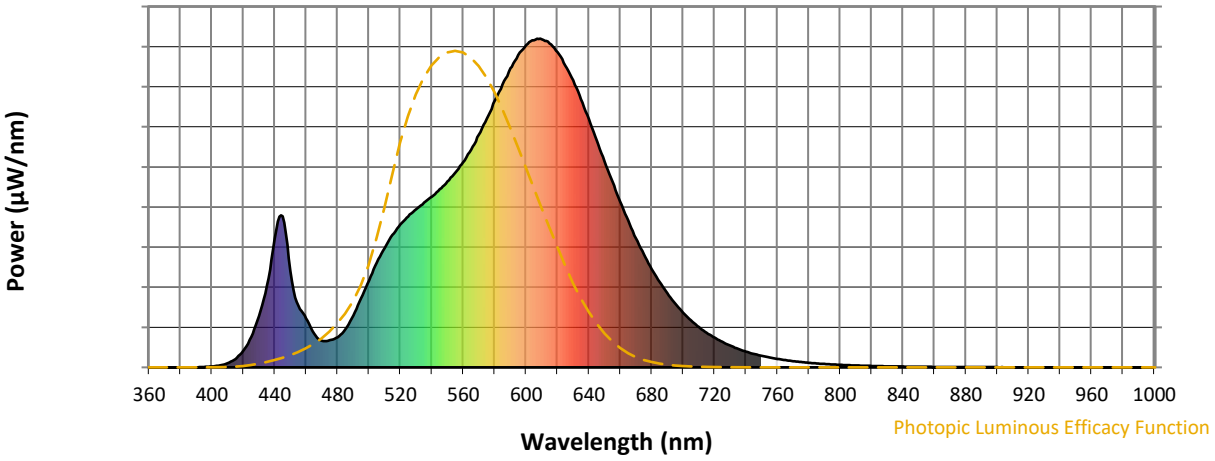


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

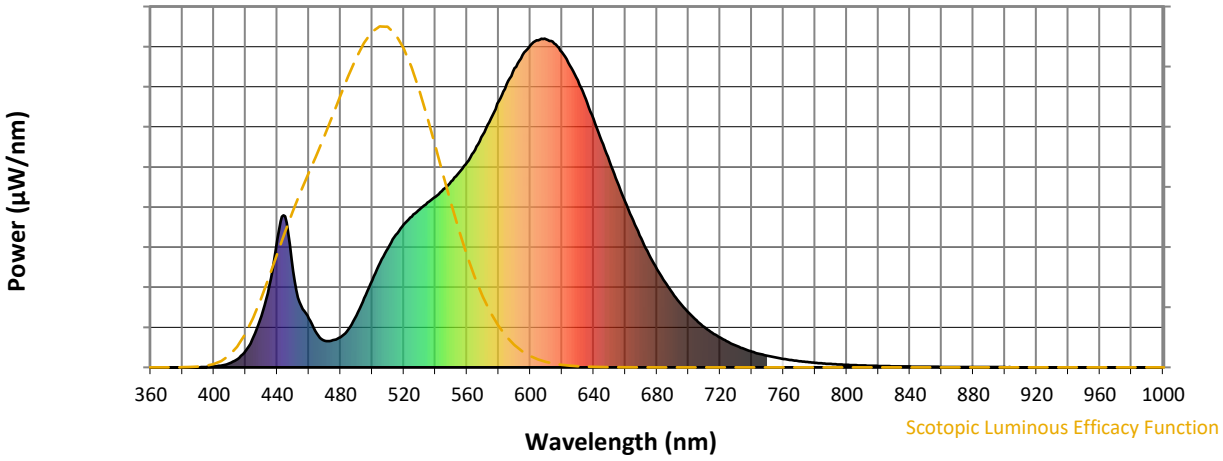


Photopic Lumens: NR

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	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

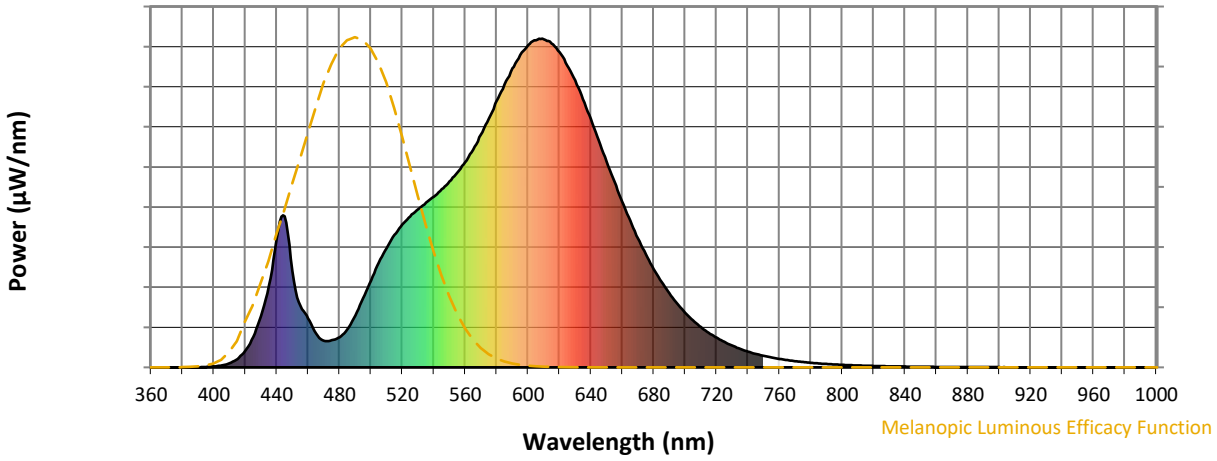


Scotopic Lumens: NR **S/P: 1.2**

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			

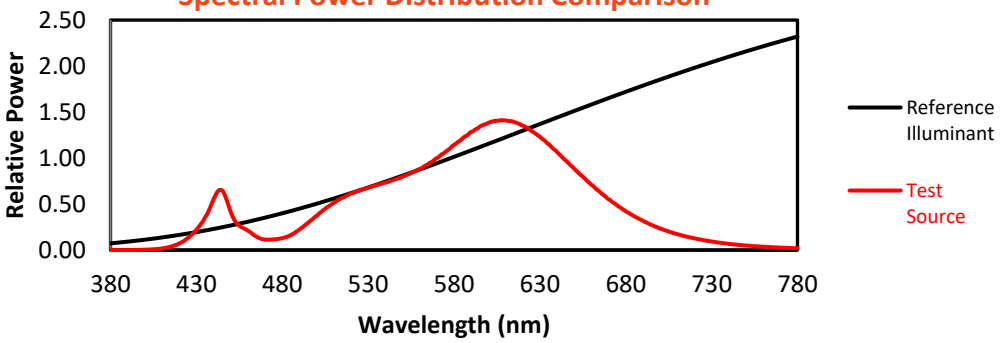
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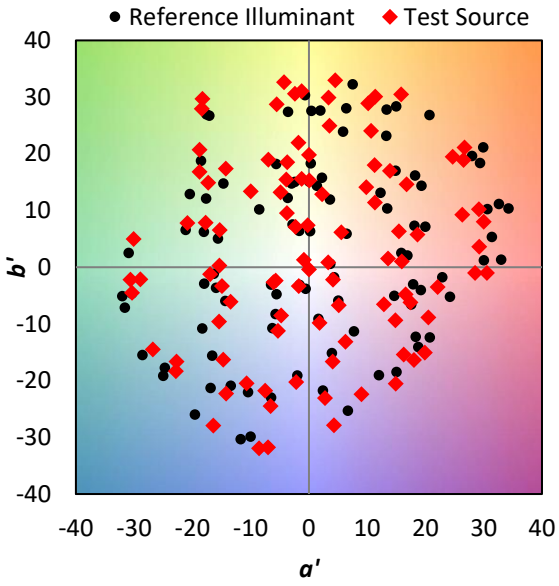
Summary

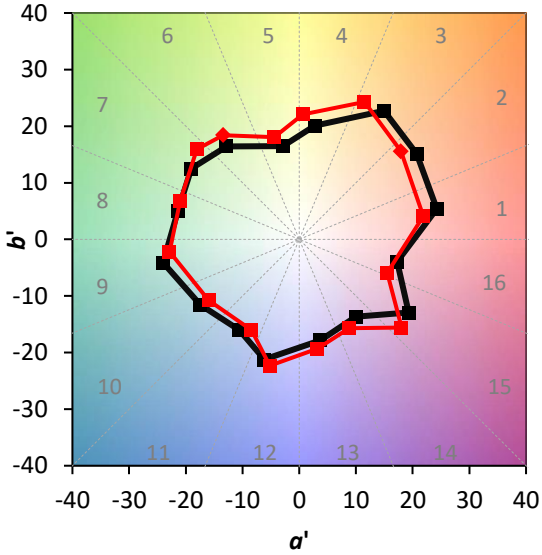
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

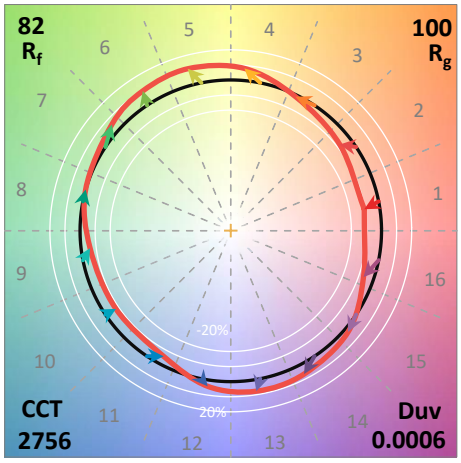
Spectral Power Distribution Comparison

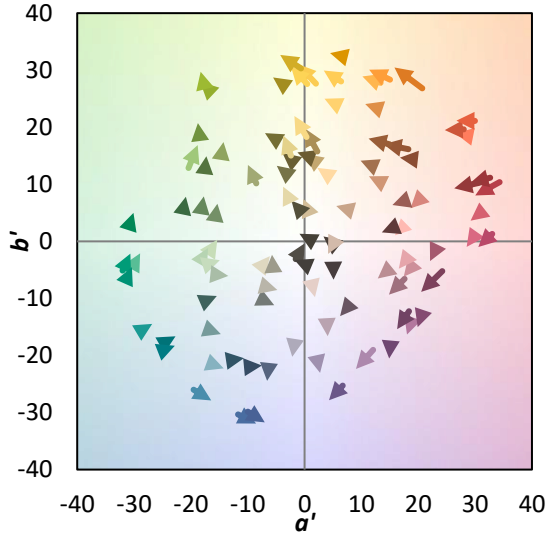


Color Vector Graphics







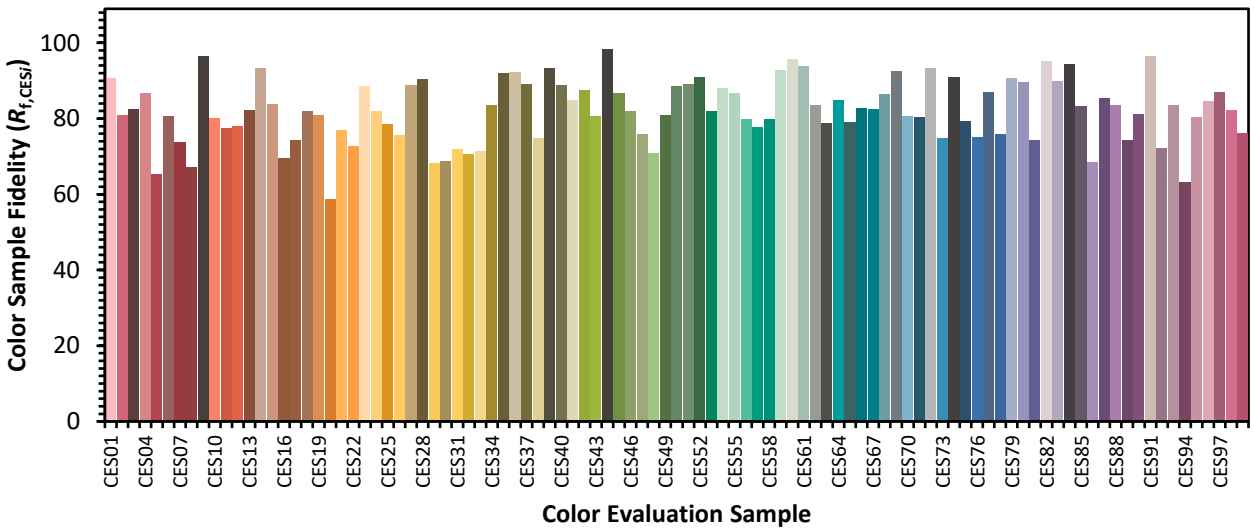


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Individual Sample Fidelity Index ($R_{f,i}$)

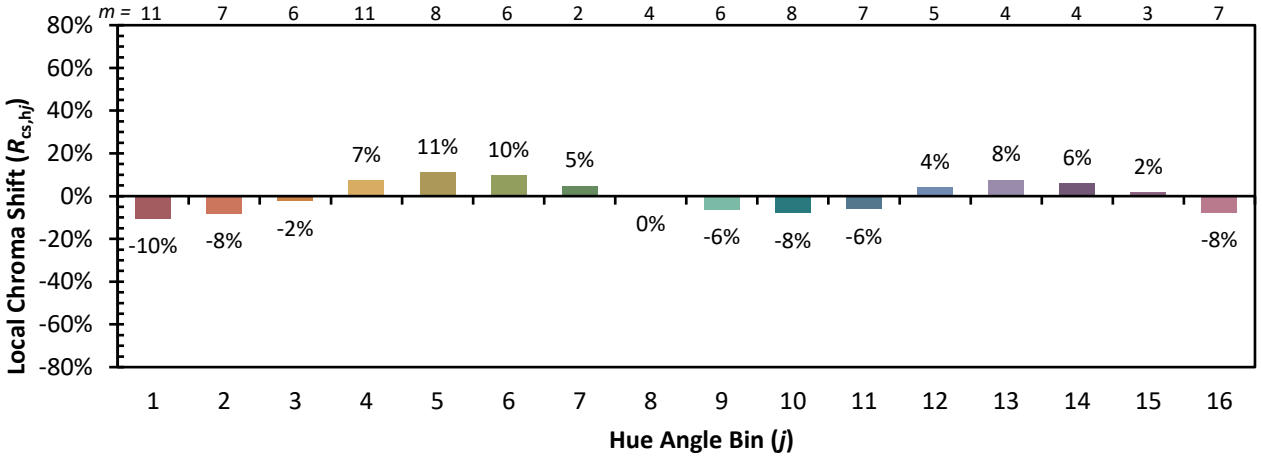
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

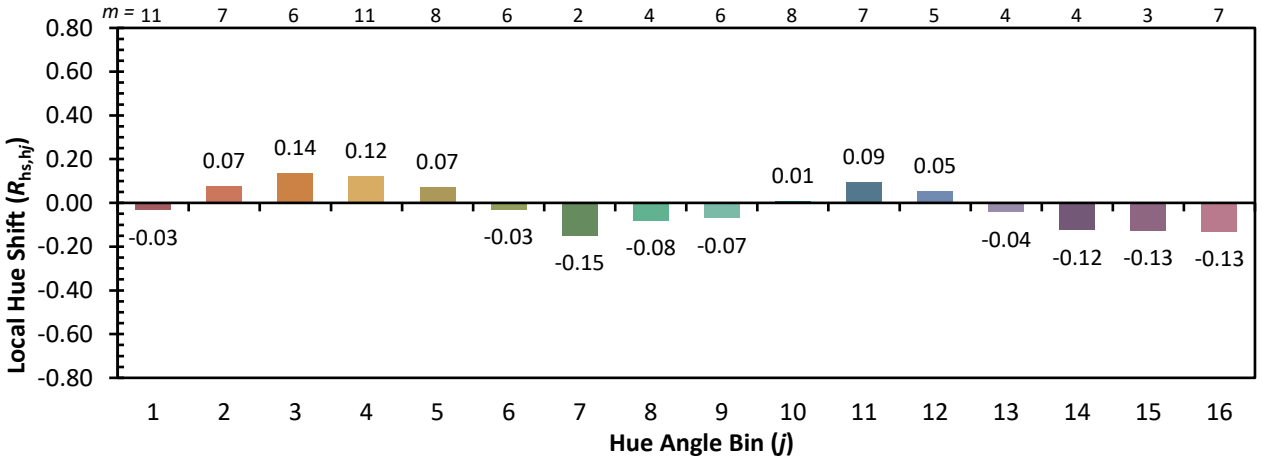


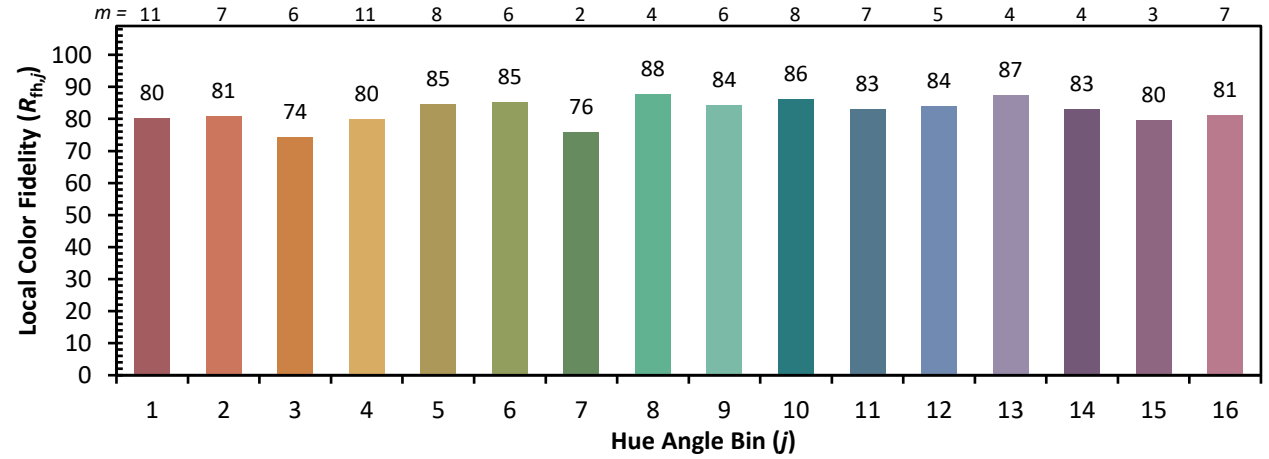
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Color Rendition by Hue-Angle Bin



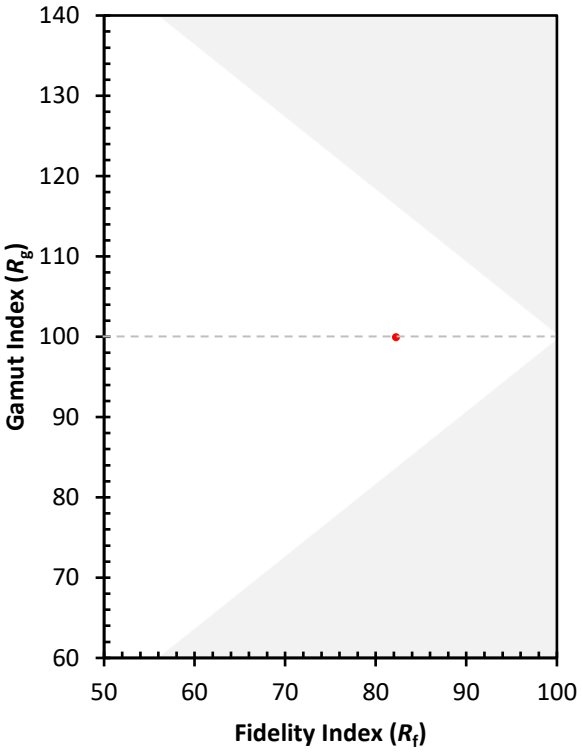


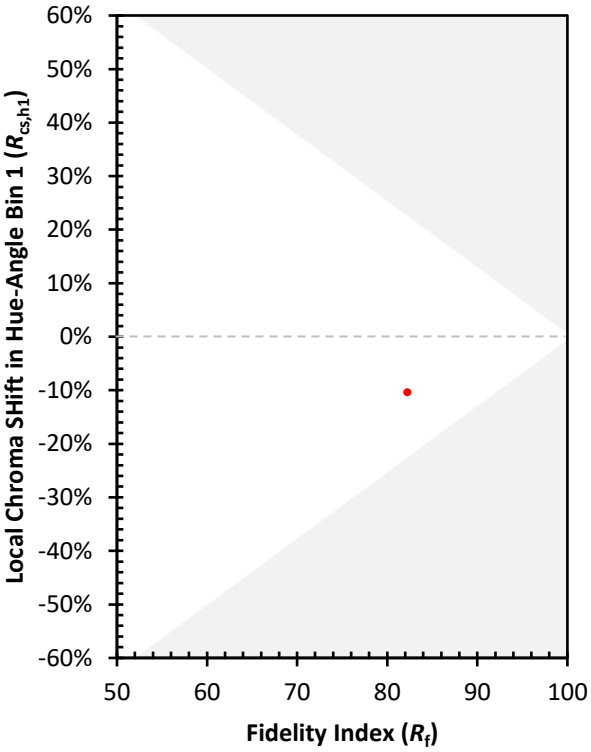


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Measure Comparisons





(END OF REPORT)