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: P1502278

Luminaire Tested: GSS-SB5B-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:	P1502278
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-827-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 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:	19952.3 lumens
Efficiency:	N/A
Efficacy:	108.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

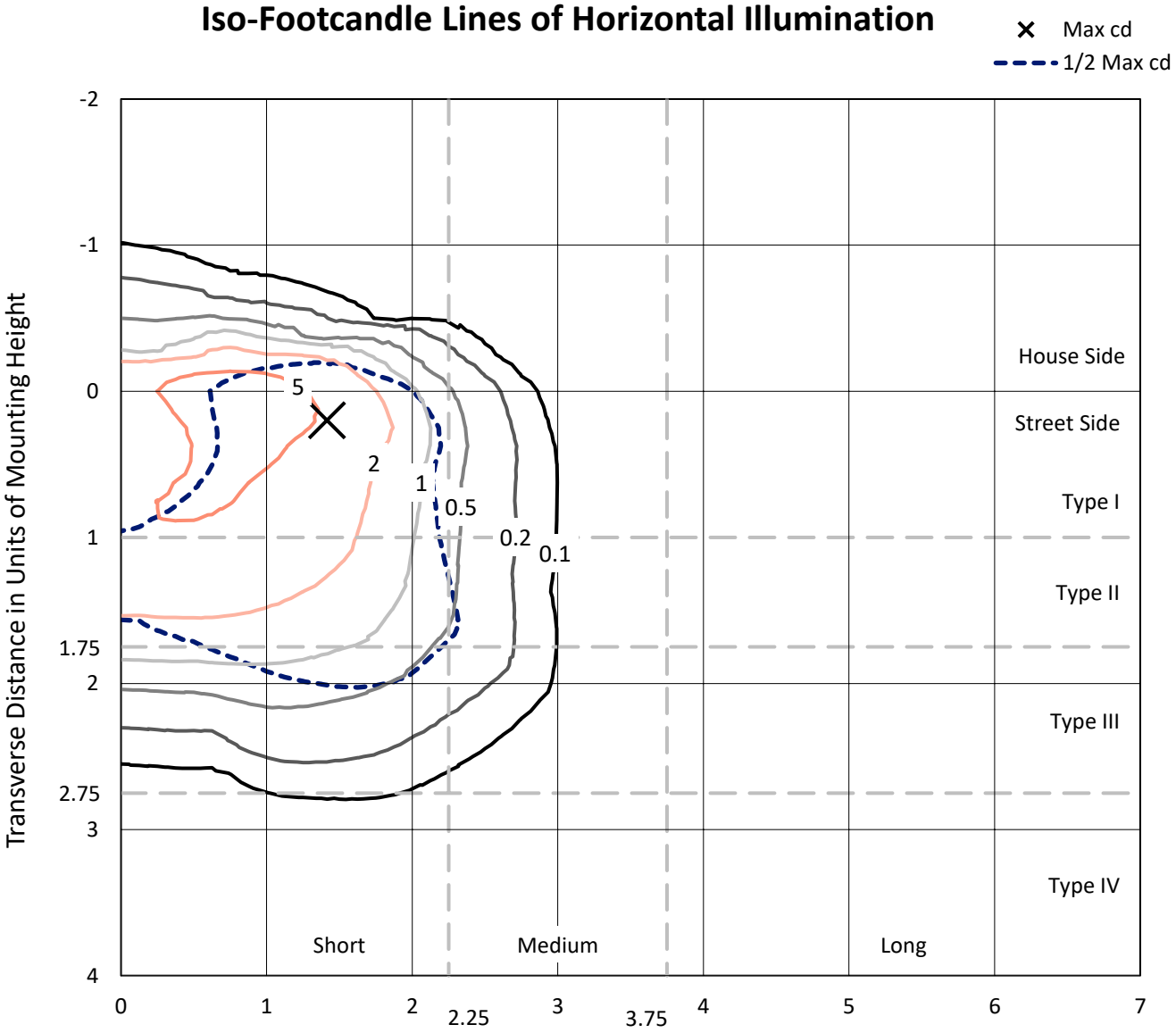
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502278
CATALOG NUMBER: GSS-SB5B-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



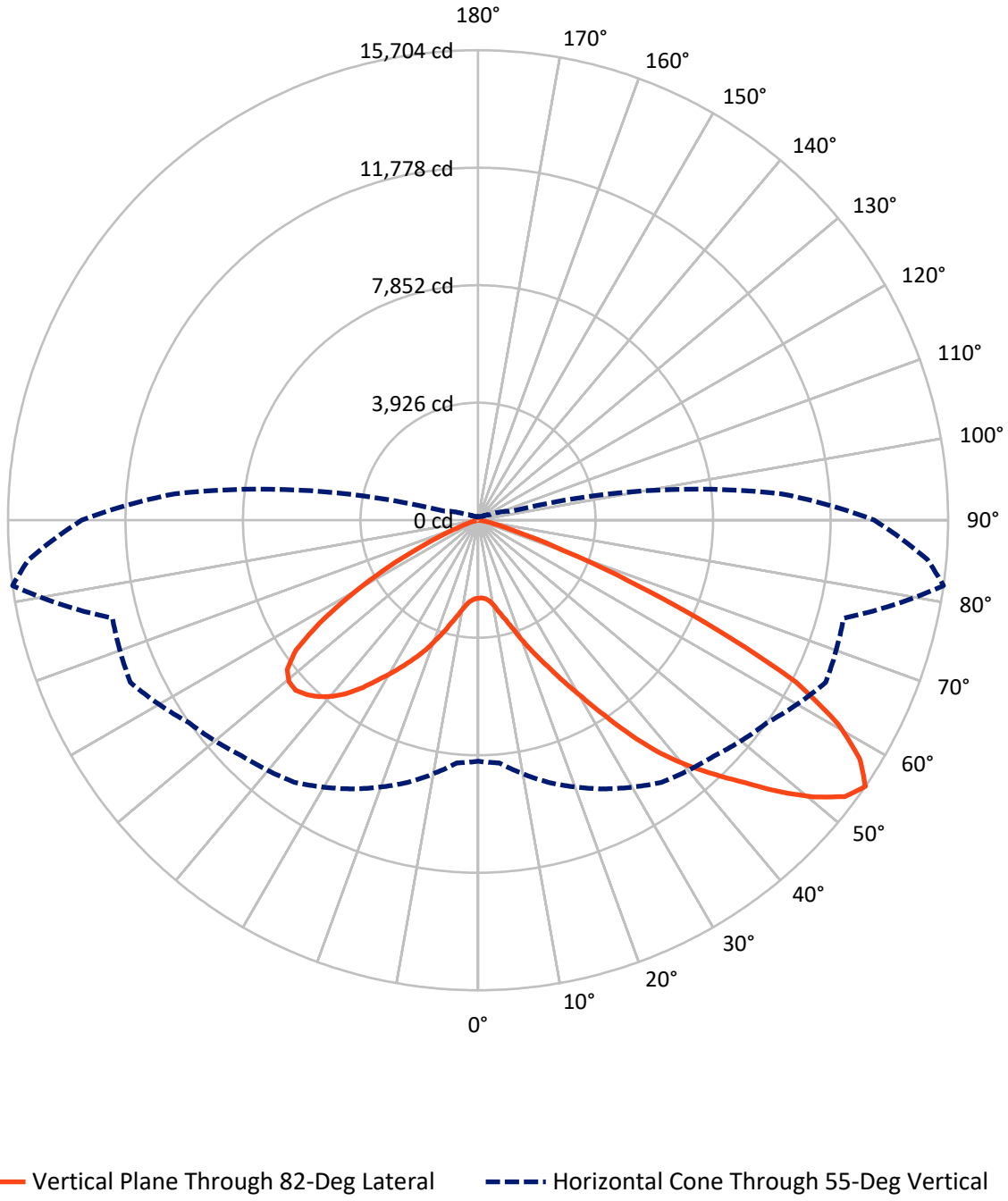
Based on 25 foot mounting height. Maximum calculated value = 7.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502278
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Luminous Intensity Polar Plot



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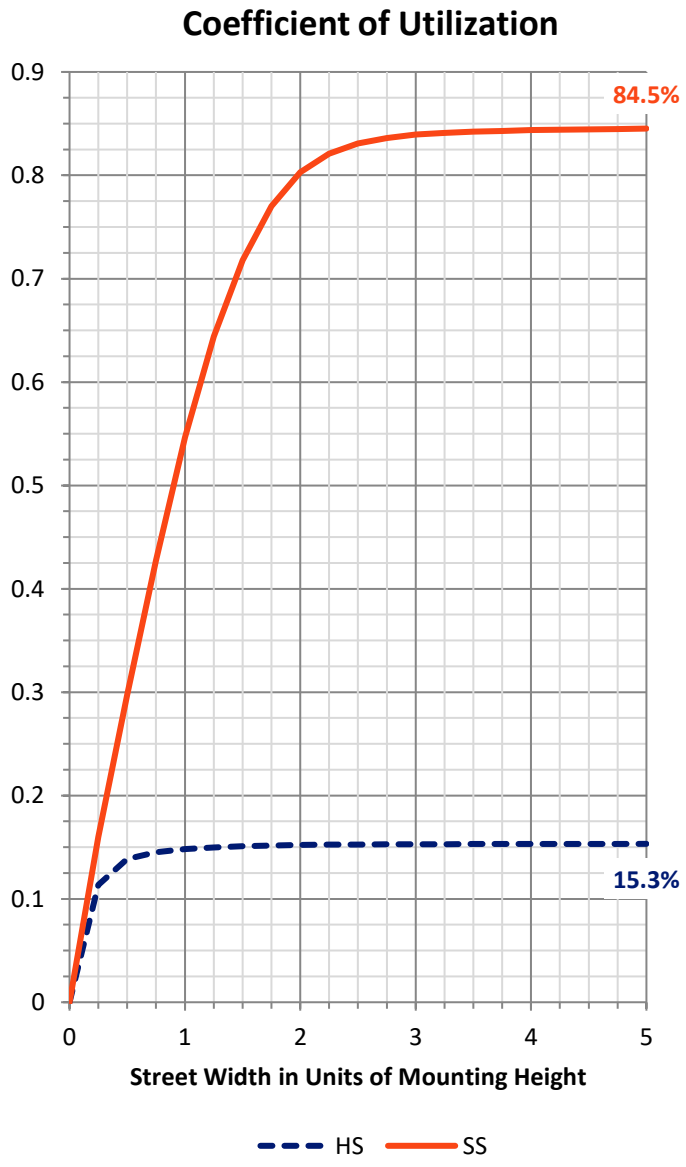
REPORT NUMBER: P1502278
CATALOG NUMBER: GSS-SB5B-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3084.0	0.0	3084.0
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	16868.3	0.0	16868.3
	% Fixture	84.5	0.0	84.5
Total	Lumens	19952.3	0.0	19952.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	236.1	1.2
10°-20°	639.2	3.2
20°-30°	1277.8	6.4
30°-40°	2646.0	13.3
40°-50°	4420.3	22.2
50°-60°	5606.3	28.1
60°-70°	4191.1	21.0
70°-80°	887.7	4.4
80°-90°	47.8	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°	19952.3	100.0
0°-180°	19952.3	100.0



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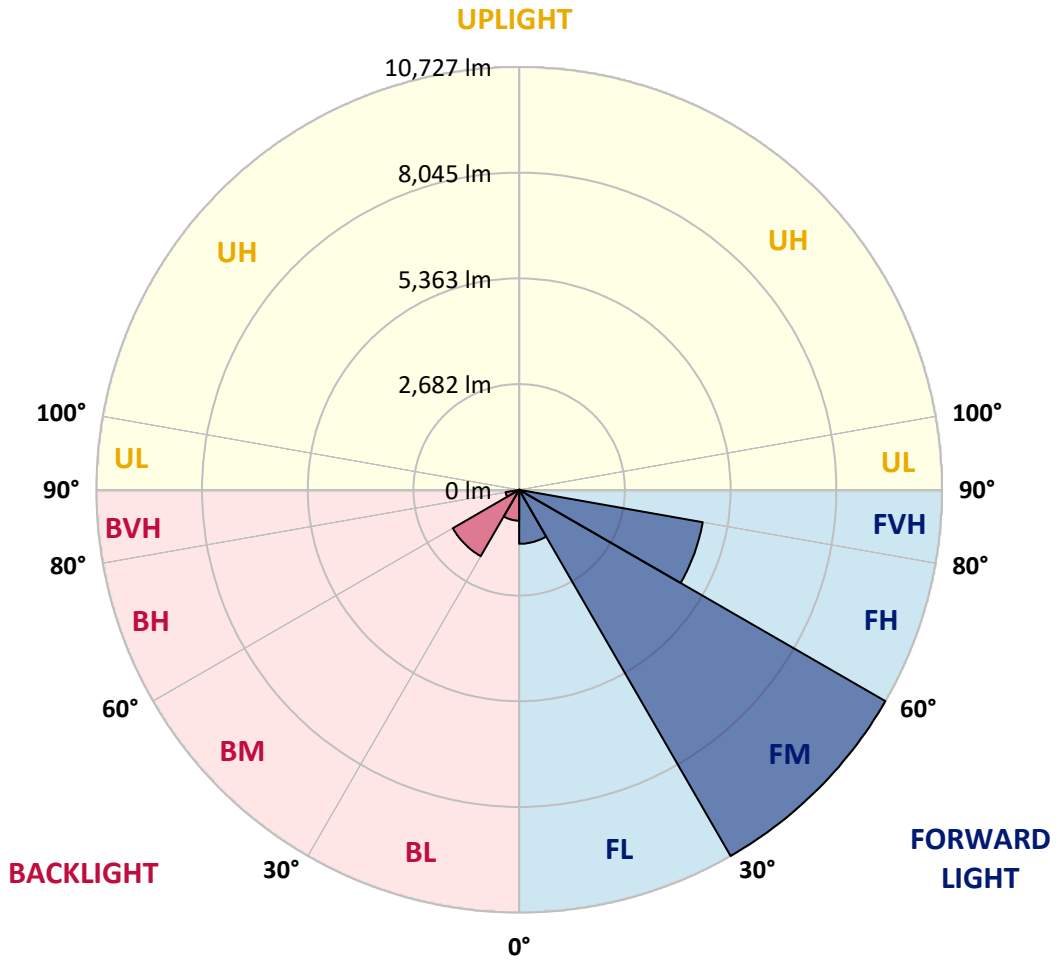
Scaled Data Report

REPORT NUMBER: P1502278
CATALOG NUMBER: GSS-SB5B-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°)	1370.3	6.9			
FM	(30°-60°)	10726.7	53.8			
FH	(60°-80°)	4728.6	23.7			G2/5000
FVH	(80°-90°)	42.7	0.2			G1/100
BL	(0°-30°)	782.9	3.9	B2/1000		
BM	(30°-60°)	1945.9	9.8	B2/2500		
BH	(60°-80°)	350.2	1.8	B1/500		G1/500
BVH	(80°-90°)	5.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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REPORT NUMBER: P1502278
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	*2604.8*	2604.8
2.5°	2534.4	2539.8	2528.9	2534.4	2545.2	2539.8	2561.4	2577.7	2593.9	*2599.3*	2604.8
5°	2312.3	2317.8	2323.2	2366.5	2393.6	2458.5	2518.1	2556.0	2610.2	*2637.3*	2642.7
7.5°	2047.0	2047.0	2068.6	2122.8	2193.2	2317.8	2453.1	2561.4	2664.3	*2718.5*	2729.3
10°	1998.2	2003.7	2003.7	2041.6	2101.1	2225.7	2399.0	2615.6	2799.7	*2880.9*	2908.0
12.5°	2009.1	2014.5	2019.9	2057.8	2117.4	2225.7	2447.7	2729.3	3016.3	*3151.7*	3168.0
15°	2036.2	2047.0	2063.2	2112.0	2177.0	2317.8	2550.6	2891.8	3276.3	*3449.6*	3492.9
17.5°	2117.4	2122.8	2149.9	2204.0	2306.9	2447.7	2702.2	3103.0	3639.1	*3828.6*	3909.9
20°	2241.9	2252.8	2290.7	2366.5	2485.6	2664.3	2945.9	3379.2	4029.0	*4321.4*	4386.4
22.5°	2399.0	2399.0	2453.1	2572.3	2740.1	2940.5	3281.7	3747.4	4505.5	*4846.7*	4955.0
25°	2658.9	2653.5	2696.8	2832.2	3032.6	3325.0	3671.6	4186.0	5003.7	*5409.9*	5523.6
27.5°	3254.6	3238.4	3222.1	3227.5	3400.8	3774.5	4175.2	4738.4	5621.1	*6097.6*	6184.3
30°	3947.8	3969.4	3947.8	3893.6	3920.7	4267.3	4765.5	5415.3	6314.2	*6850.4*	6964.1
32.5°	4554.3	4565.1	4657.2	4716.7	4738.4	4900.9	5447.8	6233.0	7196.9	*7781.8*	7928.0
35°	5214.9	5231.2	5334.1	5458.6	5653.6	5799.8	6303.4	7180.7	8095.9	*8832.4*	8940.7
37.5°	5983.9	6011.0	6146.4	6325.1	6595.8	6931.6	7202.4	8041.7	9011.1	*9861.3*	9975.0
40°	6660.8	6747.5	6980.3	7207.8	7494.8	7873.9	8052.6	8794.5	9688.0	*10771.0*	10960.6
42.5°	7299.8	7348.6	7722.2	8074.2	8415.4	8724.1	8897.4	9384.7	10289.1	*11615.8*	11827.0
45°	7830.5	7868.4	8285.4	8751.1	9173.5	9482.2	9509.3	9958.8	10884.8	*12509.4*	12671.8
47.5°	8155.5	8215.0	8751.1	9281.8	9747.6	10034.6	9991.2	10689.8	11534.6	*13549.1*	13570.8
50°	8350.4	8388.3	8935.3	9623.0	10197.0	10397.4	10489.5	11388.4	12124.9	*14534.7*	14404.7
52.5°	8491.2	8550.8	9086.9	9818.0	10462.4	10733.1	11063.5	12173.6	12590.6	*15341.6*	14995.0
55°	*8052.6*	*8139.2*	*9065.2*	*9904.6*	*10689.8*	*11144.7*	*11794.5*	*12818.0*	*12644.7*	*15704.4*	*15070.8*
57.5°	7559.8	7576.0	8491.2	9877.5	10944.3	11577.9	12466.0	12866.8	12141.1	*15043.7*	14301.8
60°	6834.1	6931.6	7868.4	9525.5	10987.7	11924.5	12920.9	12276.5	11220.5	*13819.9*	12704.3
62.5°	4798.0	4949.6	6173.5	8599.5	10679.0	12114.0	12845.1	11247.6	10067.1	*11929.9*	10679.0
65°	2686.0	2816.0	3817.8	6937.0	9828.8	12070.7	12065.3	9872.1	8215.0	*8621.2*	7635.6
67.5°	1473.0	1575.9	1982.0	5220.4	7798.0	11144.7	10424.5	7532.7	5507.4	*5474.9*	4765.5
70°	1028.9	1034.3	1250.9	3525.4	5604.8	7776.4	8150.0	5052.5	3417.1	*3021.7*	2550.6
72.5°	503.6	509.0	622.8	1662.5	3427.9	4310.6	5588.6	2626.4	1917.0	*1500.0*	1278.0
75°	254.5	249.1	341.2	622.8	1418.8	2101.1	2464.0	1315.9	1115.6	*823.1*	731.1
77.5°	162.5	167.9	200.4	341.2	639.0	817.7	758.1	714.8	655.3	*482.0*	417.0
80°	108.3	108.3	135.4	216.6	314.1	389.9	232.9	330.3	384.5	*281.6*	243.7
82.5°	32.5	32.5	81.2	119.1	151.6	157.0	102.9	151.6	216.6	*157.0*	119.1
85°	21.7	21.7	43.3	59.6	65.0	54.2	32.5	65.0	102.9	*70.4*	59.6
87.5°	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	*5.4*	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: P1502278
CATALOG NUMBER: GSS-SB5B-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8	2604.8
2.5°	2610.2	2615.6	2631.8	2637.3	2648.1	2653.5	2653.5	2653.5	2648.1	2653.5	2664.3
5°	2653.5	2680.6	2702.2	2696.8	2696.8	2669.7	2648.1	2604.8	2583.1	2577.7	2583.1
7.5°	2761.8	2783.5	2805.1	2772.6	2691.4	2566.9	2431.5	2323.2	2231.1	2187.8	2204.0
10°	2956.8	2983.8	2983.8	2832.2	2604.8	2312.3	2068.6	1868.3	1716.7	1635.4	1673.3
12.5°	3238.4	3260.0	3205.9	2886.4	2453.1	1971.2	1565.0	1229.3	1034.3	936.8	915.2
15°	3563.3	3595.8	3411.6	2875.5	2214.9	1473.0	974.8	731.1	660.7	639.0	644.4
17.5°	3980.3	3996.5	3639.1	2788.9	1803.3	963.9	693.2	622.8	606.5	595.7	595.7
20°	4494.7	4446.0	3823.2	2642.7	1315.9	758.1	639.0	584.9	568.6	563.2	568.6
22.5°	5047.1	4971.3	3974.8	2366.5	996.4	714.8	611.9	552.4	530.7	525.3	525.3
25°	5626.5	5453.2	4094.0	1960.3	931.4	704.0	579.4	503.6	482.0	471.1	471.1
27.5°	6287.2	5989.3	4159.0	1640.8	947.7	687.7	541.5	460.3	427.8	417.0	417.0
30°	7018.2	6585.0	4164.4	1575.9	980.2	666.1	503.6	411.6	379.1	362.8	368.2
32.5°	7906.3	7191.5	4148.1	1678.7	1001.8	649.8	460.3	362.8	335.7	319.5	319.5
35°	8827.0	7928.0	4083.1	1873.7	1012.7	601.1	406.1	319.5	287.0	281.6	287.0
37.5°	9742.1	8626.6	3991.1	1982.0	958.5	492.8	330.3	276.2	254.5	254.5	254.5
40°	10576.1	9233.1	3866.5	1889.9	763.6	357.4	270.8	238.3	227.4	222.0	227.4
42.5°	11198.9	9774.6	3639.1	1592.1	541.5	287.0	238.3	211.2	200.4	200.4	205.8
45°	11881.2	10294.5	3200.4	1169.7	411.6	249.1	205.8	184.1	178.7	178.7	184.1
47.5°	12568.9	10711.5	2778.1	779.8	357.4	222.0	184.1	167.9	162.5	157.0	162.5
50°	13094.2	10911.8	2225.7	568.6	324.9	200.4	167.9	157.0	146.2	140.8	140.8
52.5°	13467.9	10857.7	1630.0	487.4	297.8	184.1	157.0	146.2	130.0	130.0	130.0
55°	*13240.4*	*10164.5*	*1175.1*	*438.6*	*276.2*	*173.3*	*151.6*	*135.4*	*124.6*	*119.1*	*119.1*
57.5°	12135.7	8664.5	850.2	395.3	243.7	162.5	146.2	130.0	113.7	108.3	108.3
60°	10549.0	6747.5	633.6	346.6	211.2	157.0	130.0	124.6	108.3	97.5	97.5
62.5°	8621.2	4911.7	492.8	297.8	189.5	135.4	124.6	113.7	97.5	86.6	81.2
65°	5983.9	3135.5	379.1	243.7	178.7	119.1	113.7	97.5	81.2	65.0	65.0
67.5°	3693.2	1862.9	292.4	189.5	140.8	102.9	97.5	86.6	70.4	54.2	54.2
70°	2041.6	985.6	200.4	140.8	108.3	81.2	75.8	75.8	59.6	48.7	43.3
72.5°	980.2	536.1	135.4	119.1	81.2	54.2	59.6	59.6	48.7	37.9	37.9
75°	590.3	319.5	92.1	92.1	54.2	43.3	43.3	48.7	37.9	27.1	27.1
77.5°	335.7	189.5	54.2	70.4	37.9	27.1	32.5	27.1	21.7	16.2	16.2
80°	189.5	108.3	32.5	48.7	21.7	16.2	16.2	10.8	10.8	5.4	5.4
82.5°	92.1	59.6	16.2	16.2	10.8	5.4	5.4	5.4	5.4	0.0	0.0
85°	43.3	10.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	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

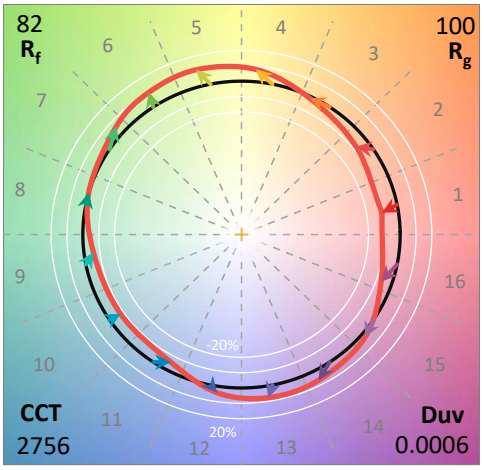
Test Information

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

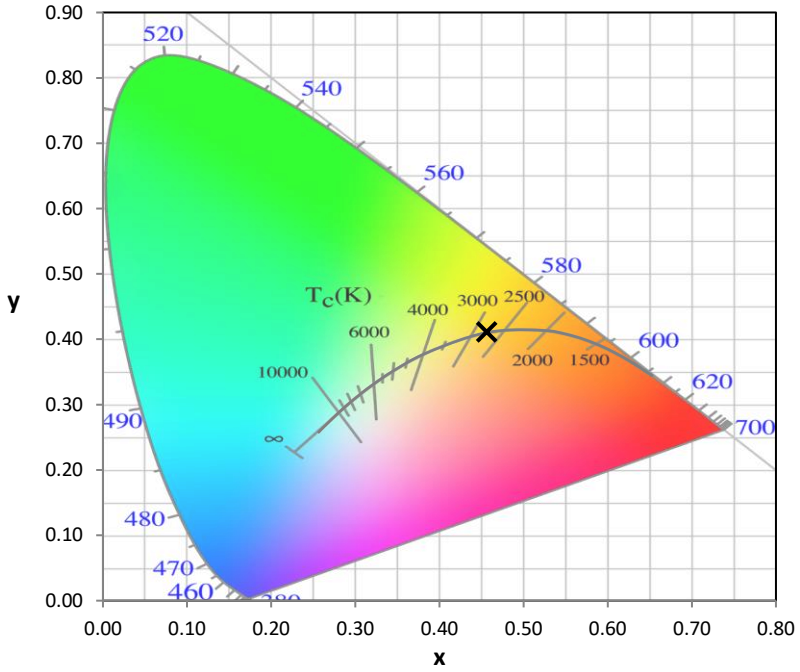
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

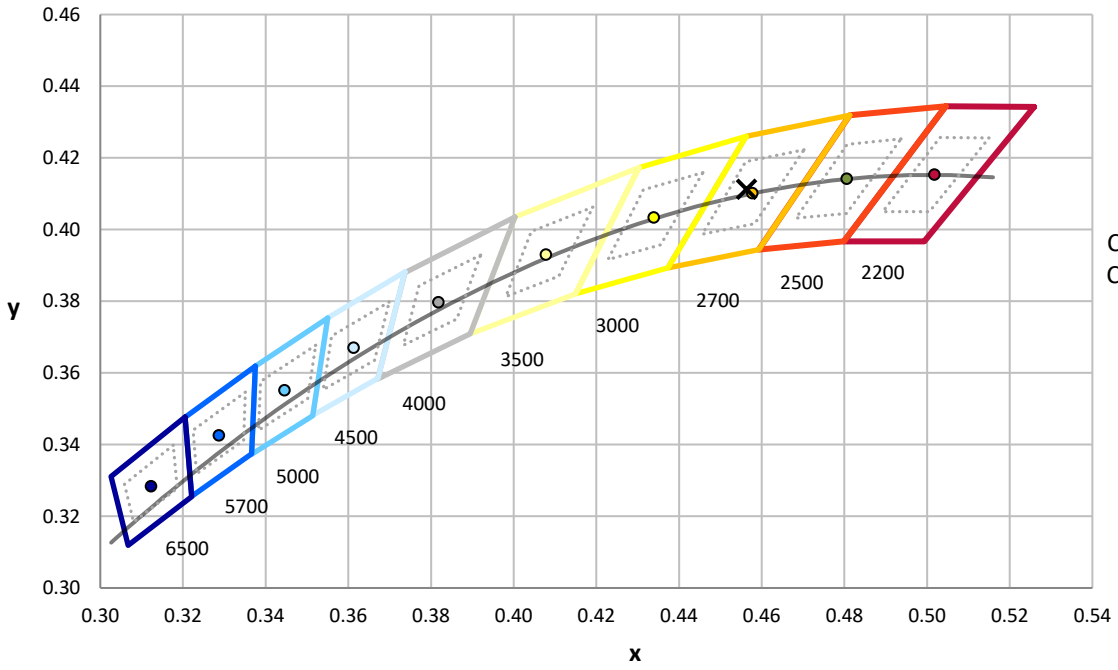
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

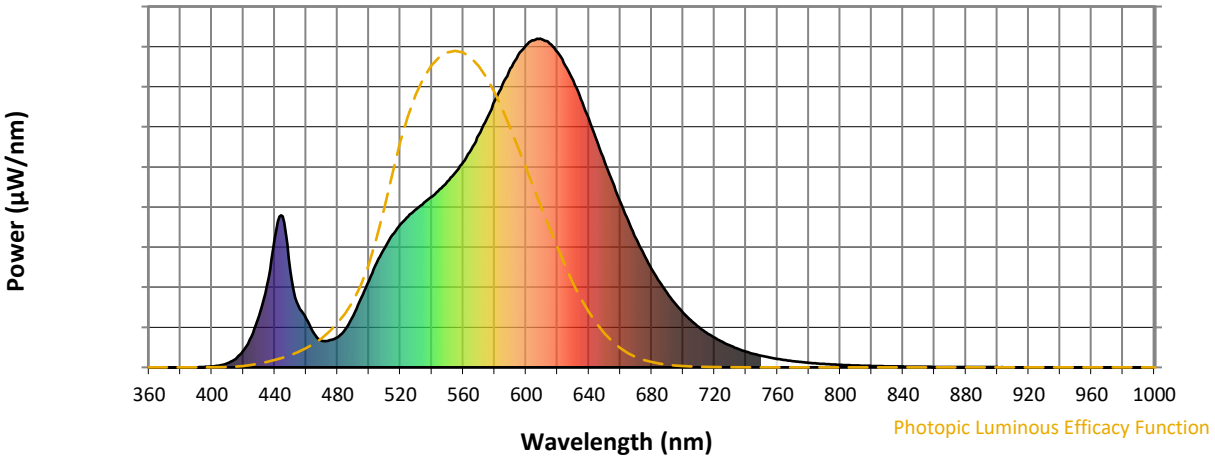


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

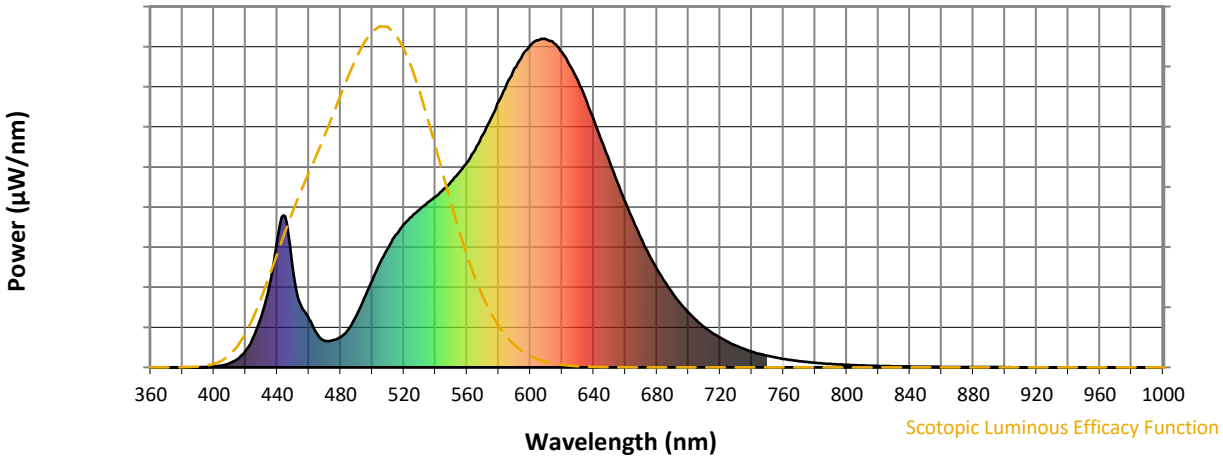


Photopic Lumens: NR

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

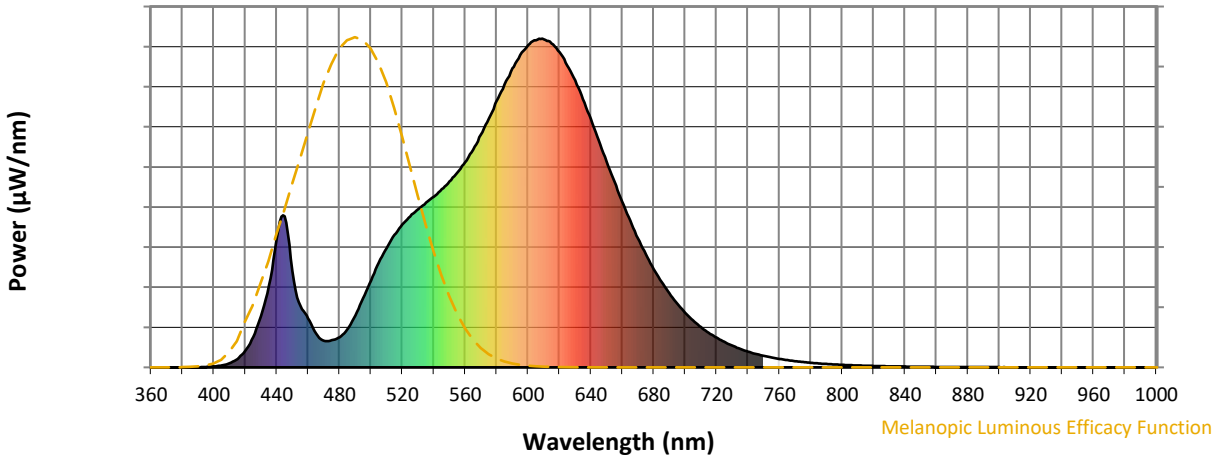


Scotopic Lumens: NR **S/P: 1.2**

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			

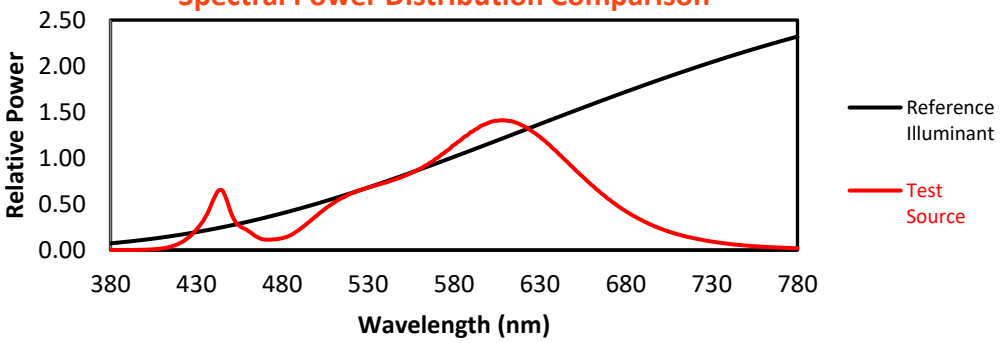
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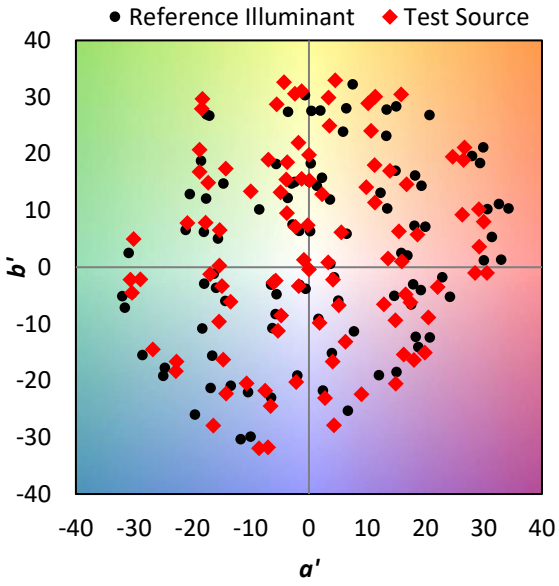
Summary

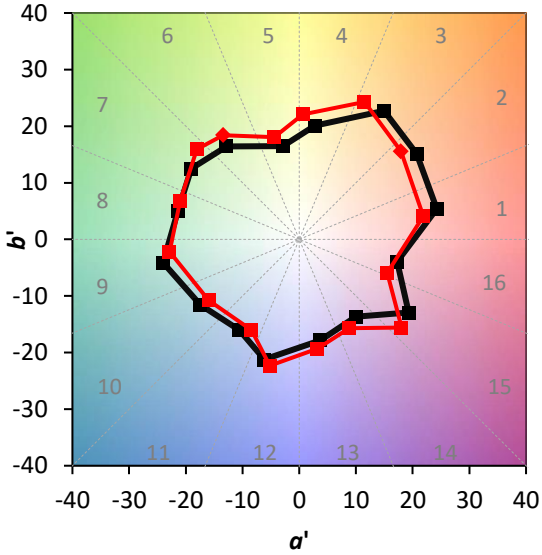
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

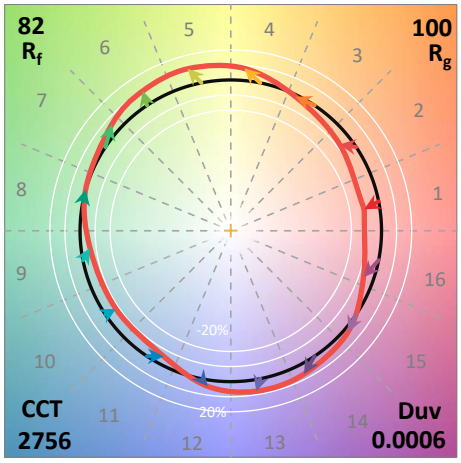
Spectral Power Distribution Comparison

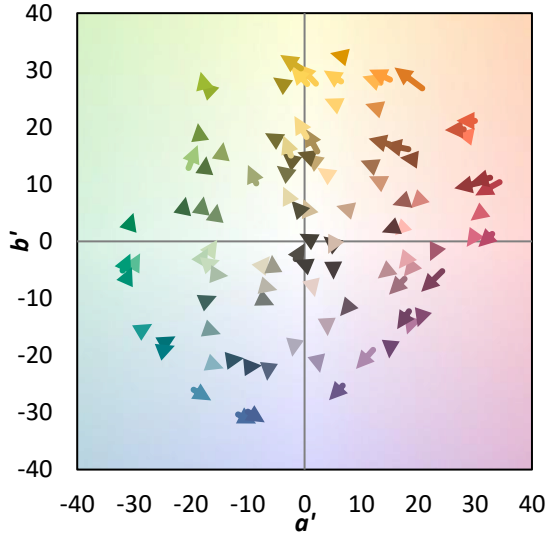


Color Vector Graphics







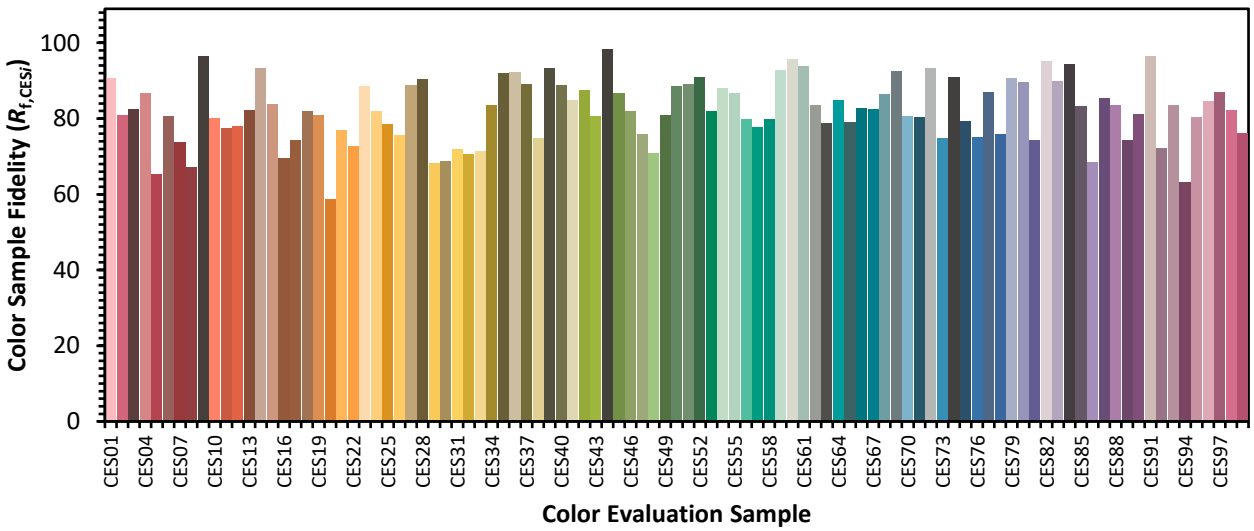


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Individual Sample Fidelity Index ($R_{f,i}$)

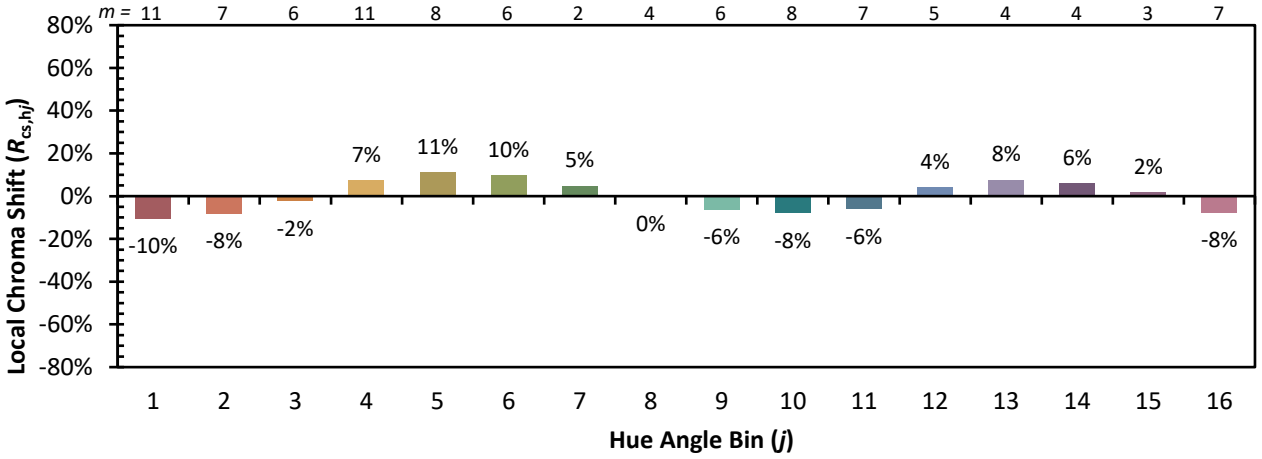
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57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

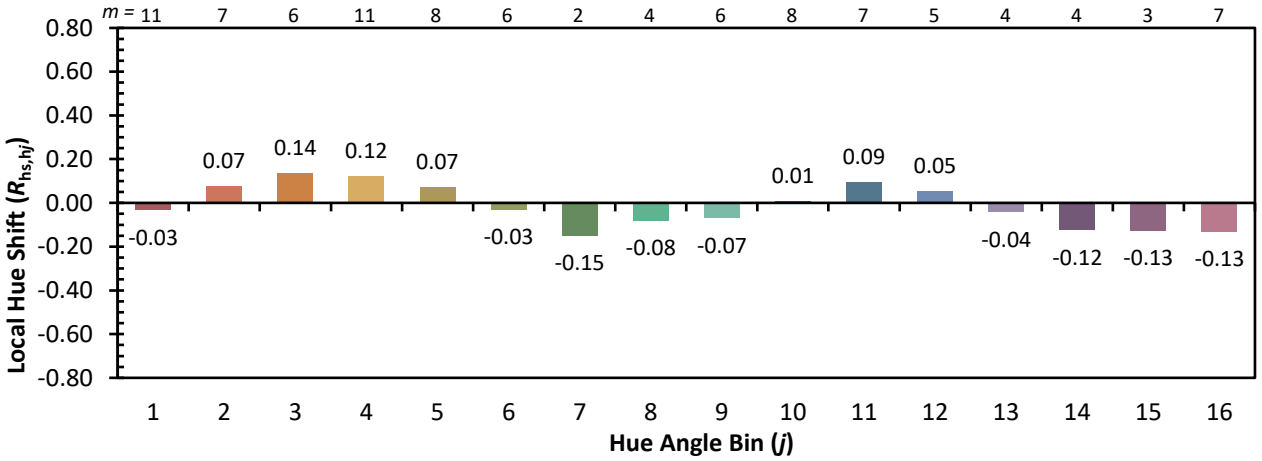


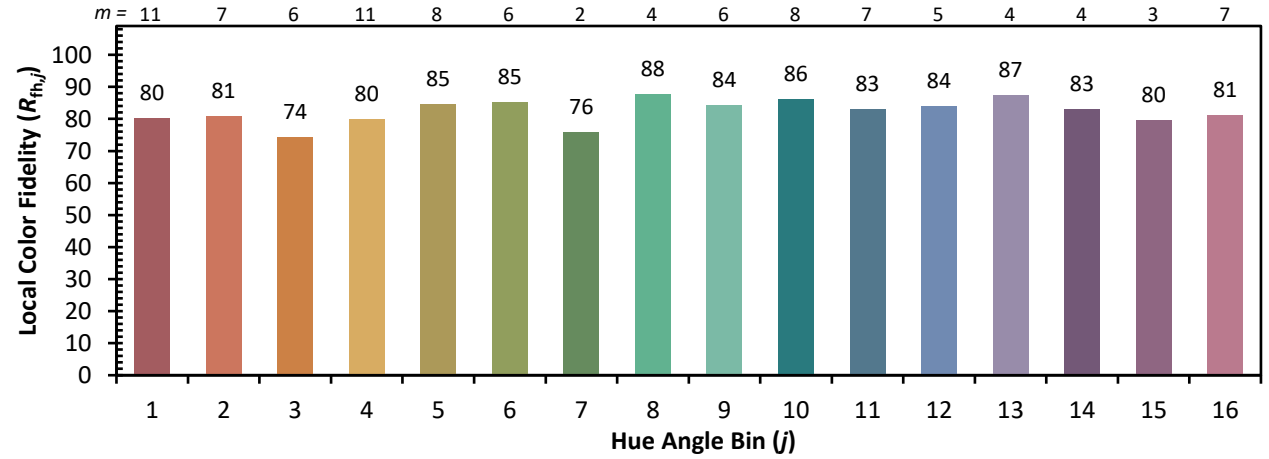
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Color Rendition by Hue-Angle Bin



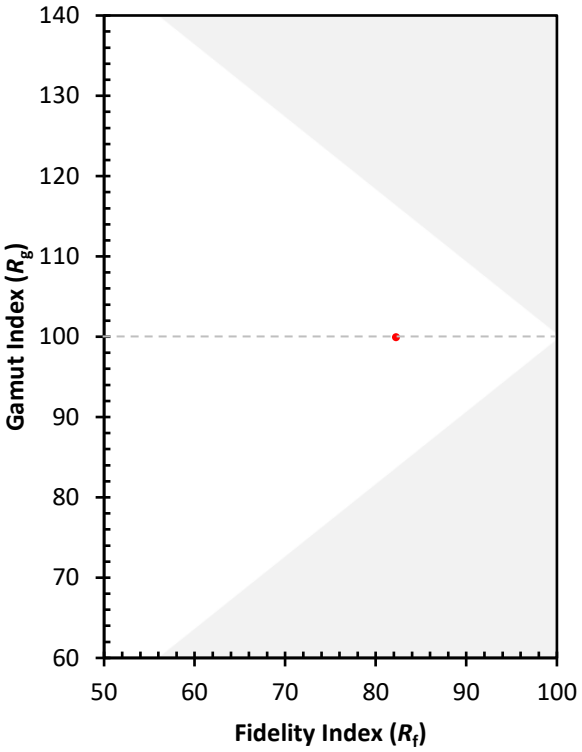


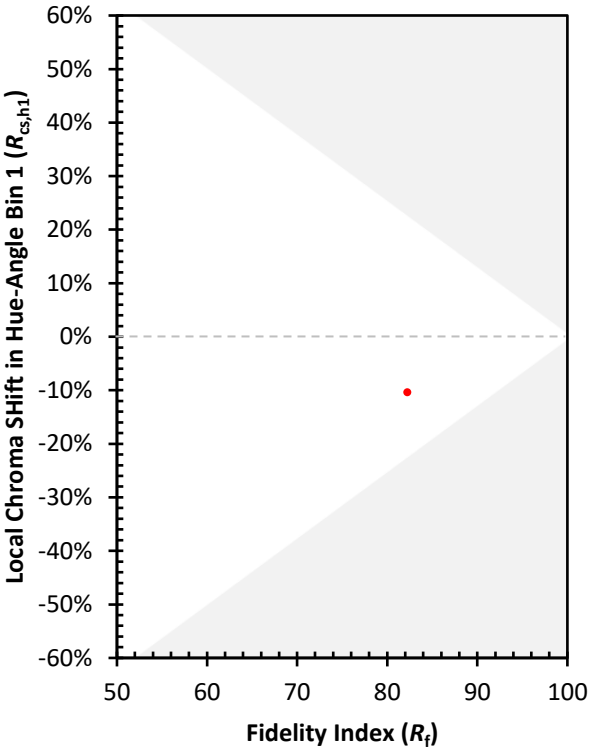


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Measure Comparisons





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