Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1047459

Luminaire Tested: **GALN-SA4C-927-U-T3BC**

Issue Date: 07/10/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1047459
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4C-927-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE 90CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(56) 2700K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14732.3 lumens
Efficiency:	N/A
Efficacy:	77.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	190.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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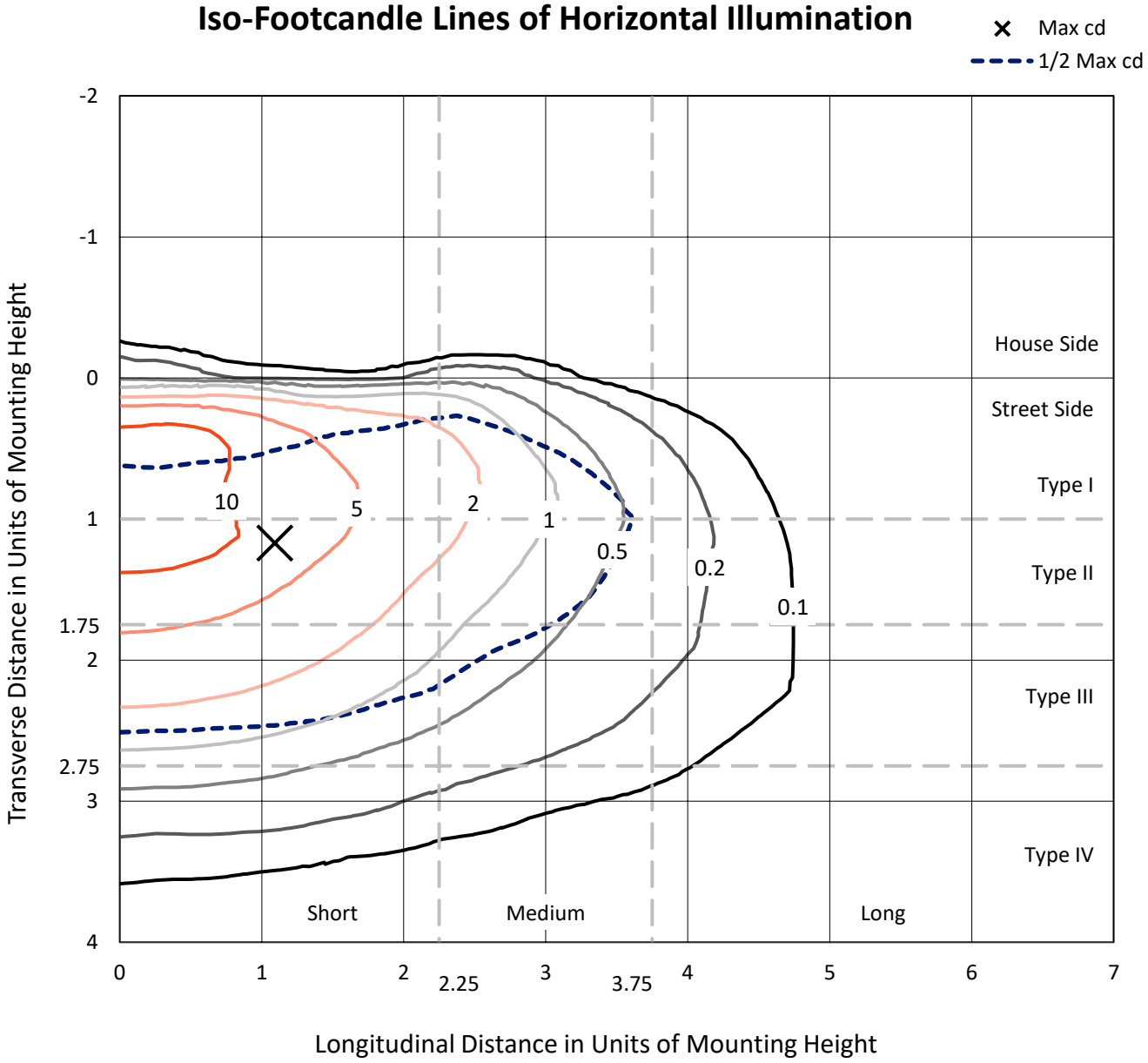
REPORT NUMBER: P1047459
CATALOG NUMBER: GALN-SA4C-927-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 16.5 fc
Type III - Short - N/A

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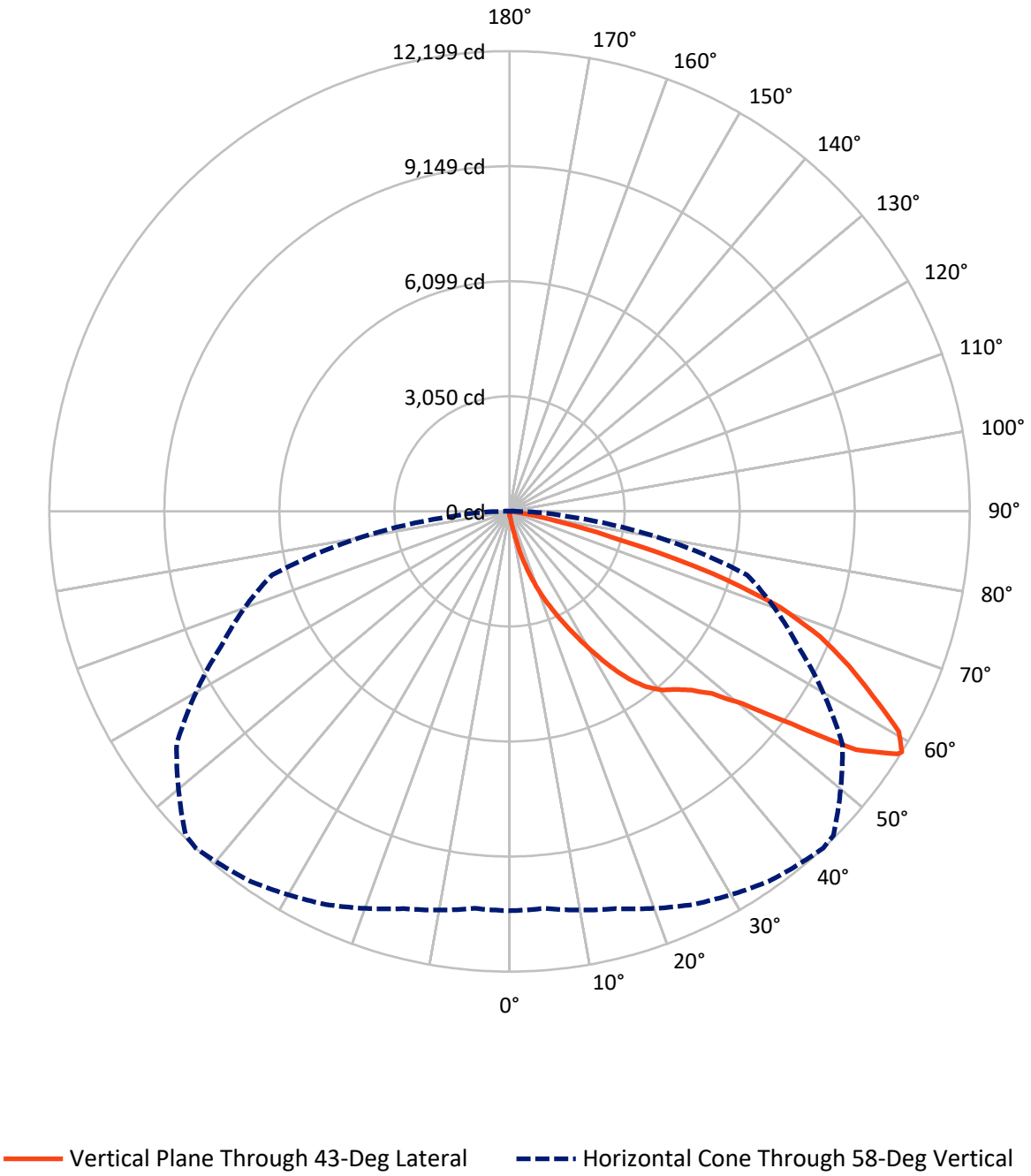
Luminous Intensity Polar Plot



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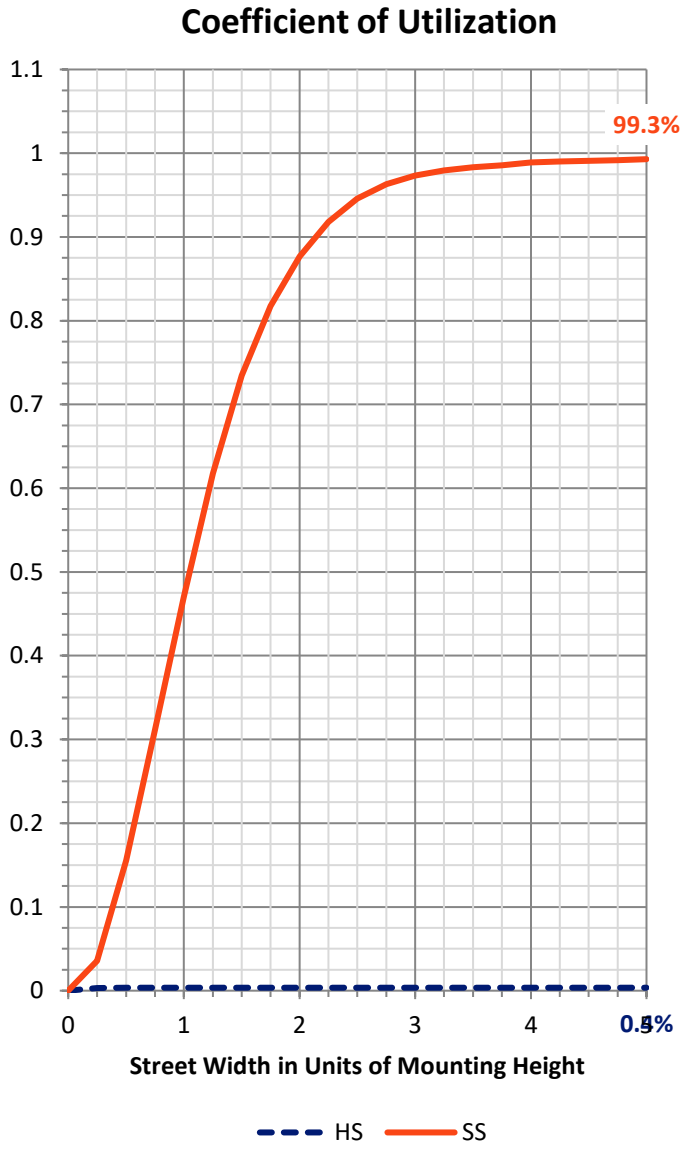
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.8	0.0	53.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14678.5	0.0	14678.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	14732.3	0.0	14732.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	0.1
10°-20°	169.3	1.1
20°-30°	610.4	4.1
30°-40°	1396.5	9.5
40°-50°	2355.4	16.0
50°-60°	3887.0	26.4
60°-70°	4344.2	29.5
70°-80°	1793.7	12.2
80°-90°	161.7	1.1
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°	14732.3	100.0
0°-180°	14732.3	100.0



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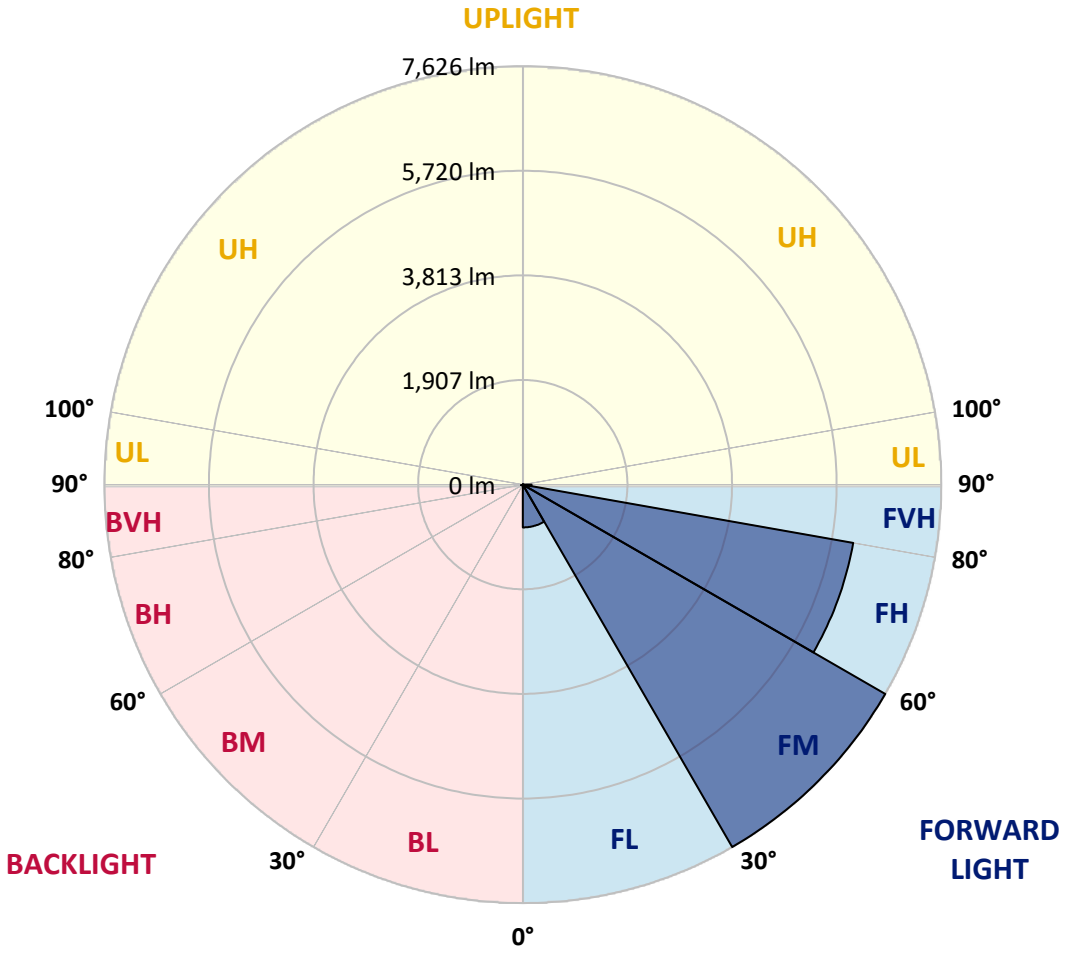
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	779.8	5.3			
FM	(30°-60°)	7626.0	51.8			
FH	(60°-80°)	6113.2	41.5			G3/7500
FVH	(80°-90°)	159.5	1.1			G2/225
BL	(0°-30°)	14.0	0.1	B0/110		
BM	(30°-60°)	12.9	0.1	B0/220		
BH	(60°-80°)	24.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	96.3	96.3	96.3	96.3	96.3	*96.3*	96.3	96.3	96.3	96.3	96.3
2.5°	115.6	119.4	115.6	115.6	115.6	*111.7*	111.7	107.9	107.9	104.0	100.2
5°	169.5	169.5	158.0	150.3	142.6	*138.7*	134.9	127.2	119.4	111.7	104.0
7.5°	377.6	377.6	342.9	296.7	235.0	*200.4*	192.7	158.0	134.9	119.4	104.0
10°	901.6	901.6	824.6	697.4	539.4	*400.7*	358.3	227.3	161.8	127.2	107.9
12.5°	1498.9	1518.1	1421.8	1260.0	1024.9	*782.2*	697.4	416.1	215.8	138.7	107.9
15°	2034.4	1988.2	1961.2	1807.1	1583.6	*1294.6*	1186.8	701.3	312.1	158.0	107.9
17.5°	2396.6	2396.6	2358.1	2254.1	2049.9	*1795.5*	1706.9	1132.8	504.8	181.1	111.7
20°	2820.5	2820.5	2751.1	2677.9	2496.8	*2281.0*	2196.3	1610.6	782.2	231.2	111.7
22.5°	3332.9	3340.6	3263.6	3132.6	2959.2	*2720.3*	2647.1	2053.7	1132.8	308.2	115.6
25°	3957.1	3964.8	3853.1	3729.8	3463.9	*3205.8*	3094.0	2562.3	1560.5	431.5	115.6
27.5°	4646.8	4700.8	4535.1	4323.2	4041.9	*3718.2*	3633.5	3020.8	1984.4	608.8	123.3
30°	5506.1	5506.1	5286.5	4989.8	4685.4	*4284.7*	4176.8	3502.5	2435.2	843.8	131.0
32.5°	6245.9	6188.1	5906.8	5594.7	5271.1	*4897.3*	4781.7	4007.2	2897.5	1136.7	146.4
35°	6812.3	6762.2	6415.4	6080.2	5798.9	*5456.0*	5317.3	4554.4	3386.9	1468.0	169.5
37.5°	7297.8	7278.5	6808.4	6388.5	6203.5	*5903.0*	5779.7	5070.7	3868.5	1826.4	196.5
40°	7829.5	7767.9	7267.0	6746.8	6469.4	*6226.6*	6114.9	5486.8	4330.9	2246.4	235.0
42.5°	8284.2	8211.0	7760.2	7251.5	6777.6	*6450.1*	6342.2	5837.5	4781.7	2666.4	285.1
45°	8788.9	8750.4	8295.7	7910.4	7278.5	*6754.5*	6611.9	6118.7	5194.0	3167.3	350.6
47.5°	9548.0	9478.6	9054.8	8738.8	8006.8	*7216.9*	7012.7	6407.7	5590.9	3660.5	450.8
50°	10430.4	10384.1	10133.7	9883.2	9155.0	*8006.8*	7764.0	6823.9	6034.0	4246.1	581.8
52.5°	11150.9	11143.2	11174.0	11177.9	10626.9	*9336.1*	8973.9	7494.3	6542.6	4824.1	766.8
55°	11135.5	11170.2	11509.2	11898.4	11940.8	*11150.9*	10800.3	8623.3	7205.3	5536.9	1024.9
57.5°	10719.3	10692.4	11050.7	11636.4	12048.7	*12133.4*	12075.6	10376.4	8203.3	6396.2	1421.8
58°	*10584.5*	*10561.4*	*10900.4*	*11497.7*	*11971.6*	*12198.9*	*12141.1*	*10773.3*	*8426.7*	*6519.5*	*1529.7*
60°	10095.1	10099.0	10299.4	10842.6	11316.6	*11856.0*	11910.0	11906.1	9540.3	7344.0	2073.0
62.5°	9447.8	9417.0	9601.9	10045.1	10461.2	*10823.4*	10915.9	11983.2	11170.2	8392.1	3109.5
65°	8553.9	8507.7	8704.2	9205.1	9652.0	*9887.1*	9890.9	10950.5	11936.9	9517.2	4589.1
67.5°	6893.2	6854.7	7247.7	7891.2	8580.9	*8889.1*	9027.8	9501.8	11289.6	10280.1	5436.7
70°	4223.0	4303.9	4851.1	5860.6	7039.6	*7606.0*	7814.1	7960.5	9613.5	10164.5	4546.7
72.5°	1949.7	1853.3	2319.6	3024.7	4369.4	*5629.4*	5845.2	6419.3	7621.4	8823.6	3390.7
75°	909.3	874.7	982.5	1321.6	1980.5	*3040.1*	3433.1	5124.6	5845.2	6138.0	2446.7
77.5°	466.2	470.1	558.7	601.1	816.9	*1406.4*	1614.5	3371.5	4284.7	3425.4	1641.4
80°	204.2	211.9	215.8	235.0	331.4	*543.3*	612.6	1564.4	2928.4	1745.5	897.8
82.5°	131.0	134.9	134.9	134.9	158.0	*215.8*	246.6	628.1	1460.3	866.9	277.4
85°	69.4	69.4	77.1	96.3	111.7	*131.0*	138.7	200.4	481.6	258.2	65.5
87.5°	38.5	42.4	46.2	57.8	73.2	*88.6*	96.3	138.7	184.9	177.2	15.4
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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CATALOG NUMBER: GALN-SA4C-927-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
2.5°	100.2	96.3	92.5	88.6	84.8	80.9	80.9	80.9	80.9	80.9	80.9
5°	96.3	92.5	88.6	80.9	73.2	69.4	65.5	61.6	61.6	61.6	61.6
7.5°	96.3	92.5	80.9	73.2	65.5	57.8	50.1	50.1	50.1	50.1	50.1
10°	96.3	88.6	77.1	65.5	53.9	46.2	42.4	38.5	38.5	38.5	38.5
12.5°	96.3	84.8	73.2	57.8	46.2	38.5	34.7	30.8	30.8	30.8	30.8
15°	96.3	84.8	69.4	53.9	42.4	30.8	27.0	23.1	23.1	23.1	23.1
17.5°	92.5	80.9	65.5	46.2	34.7	23.1	19.3	15.4	15.4	19.3	19.3
20°	88.6	77.1	57.8	38.5	27.0	19.3	11.6	11.6	11.6	11.6	11.6
22.5°	88.6	77.1	53.9	34.7	23.1	11.6	7.7	7.7	7.7	7.7	11.6
25°	88.6	73.2	46.2	27.0	15.4	7.7	3.9	3.9	3.9	3.9	3.9
27.5°	88.6	73.2	42.4	23.1	11.6	7.7	3.9	0.0	0.0	0.0	0.0
30°	84.8	69.4	38.5	19.3	7.7	3.9	0.0	0.0	0.0	0.0	0.0
32.5°	84.8	65.5	30.8	15.4	7.7	3.9	0.0	0.0	0.0	0.0	0.0
35°	88.6	61.6	27.0	11.6	3.9	0.0	0.0	0.0	0.0	0.0	3.9
37.5°	92.5	57.8	23.1	7.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	96.3	53.9	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	104.0	53.9	19.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	111.7	53.9	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	127.2	57.8	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	138.7	61.6	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	154.1	57.8	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	173.4	57.8	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	188.8	53.9	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*196.5*	*50.1*	*7.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	235.0	46.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	366.0	38.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	743.6	34.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1387.1	30.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1552.8	34.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	978.7	27.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	516.3	27.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	258.2	27.0	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	119.4	19.3	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	50.1	11.6	7.7	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.1	11.6	7.7	7.7	3.9	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	11.6	11.6	7.7	7.7	3.9	3.9	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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

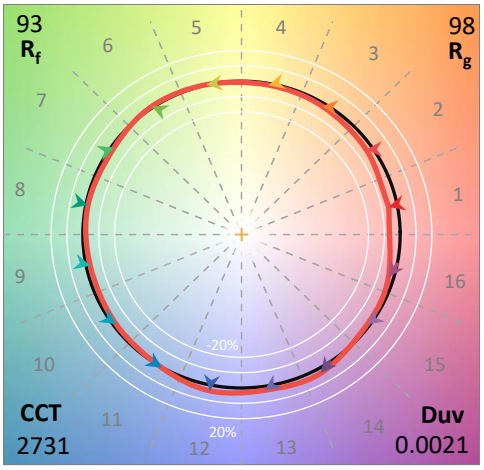
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-13
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-927-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2731
CIE u':	0.2605
CIE v':	0.5298
Duv:	0.0021
CIE x:	0.4610
CIE y:	0.4166
CIE z:	0.1224
Peak Wavelength (nm):	622
Dominant Wavelength (nm):	583
Purity:	63.43685
Rf:	92.6
Rg:	98

CRI (Ra):	91.8				
R1:	91.4	R9:	54.7		
R2:	95.1	R10:	87.7		
R3:	97.6	R11:	92.9		
R4:	92.3	R12:	84.0		
R5:	91.1	R13:	92.2		
R6:	94.7	R14:	97.8		
R7:	92.3	R15:	86.8		
R8:	80.0				



Test Conditions

Stabilization Time:	M
Operation Time:	1H 0M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-13

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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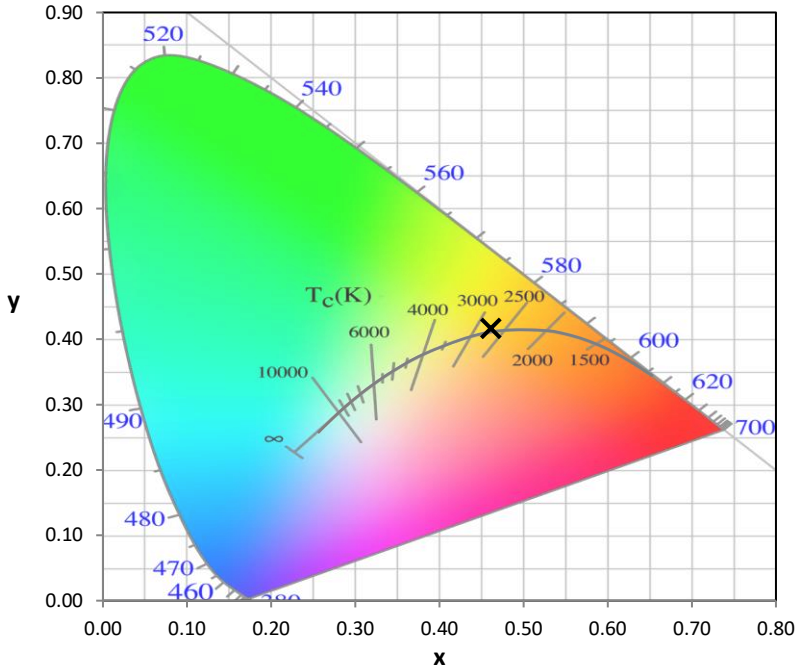
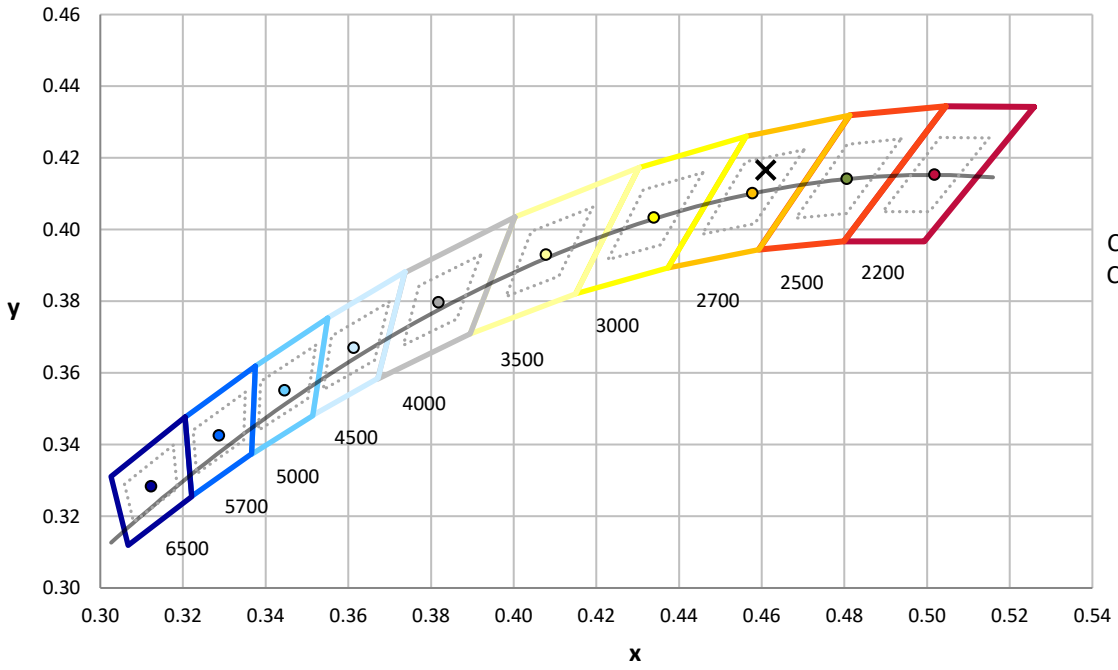
CIE 1931 Chromaticity Diagram



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

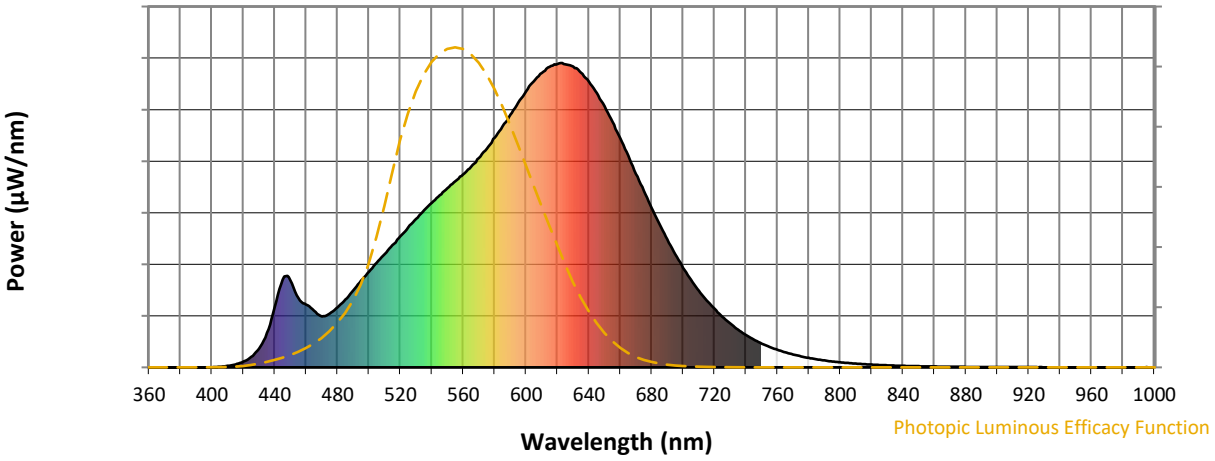


CCT = 2731K
CIE x = 0.4610
CIE y = 0.4166
Duv = 0.0021

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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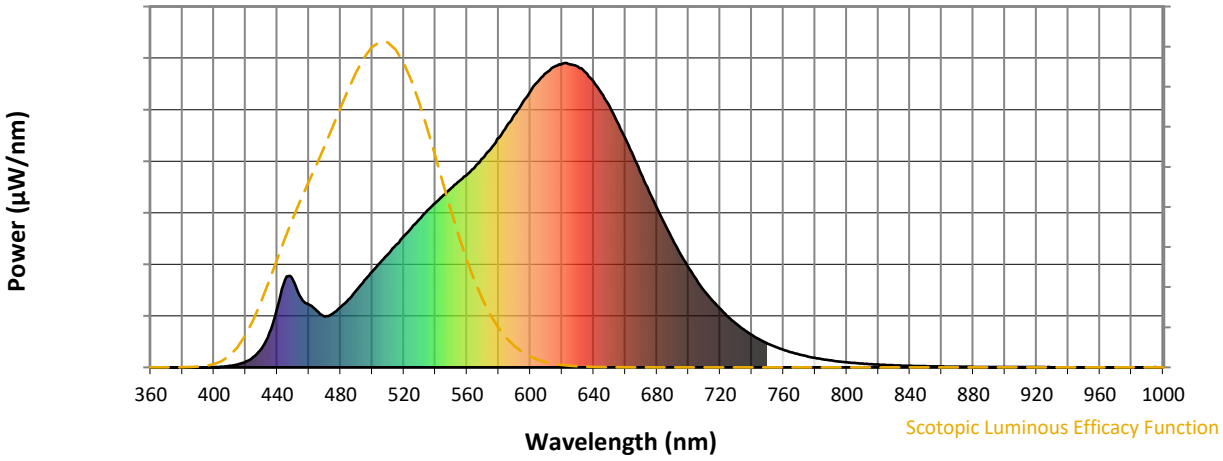
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.27**

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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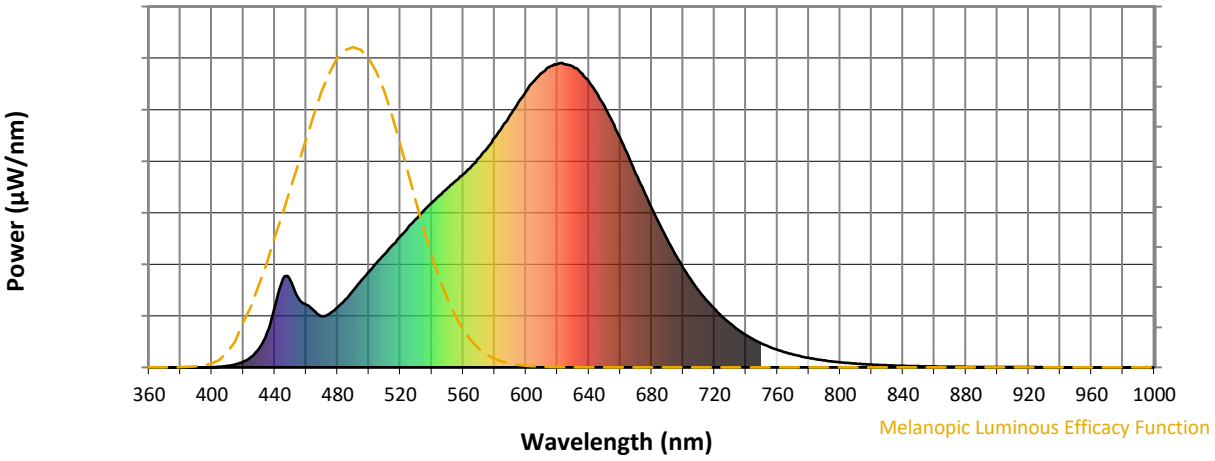
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.38**

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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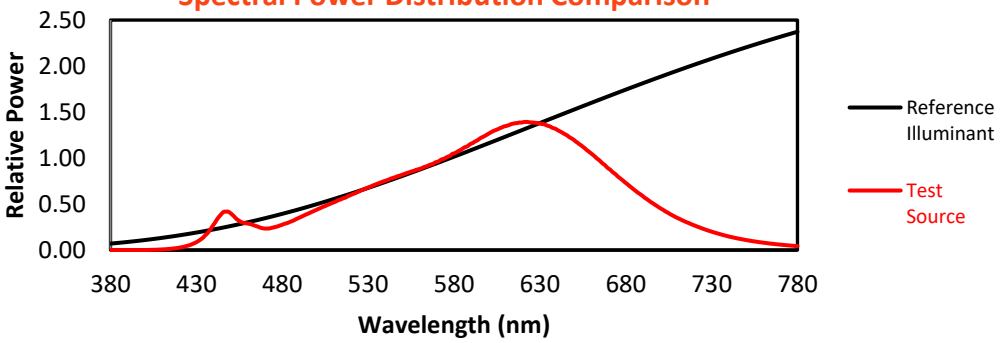
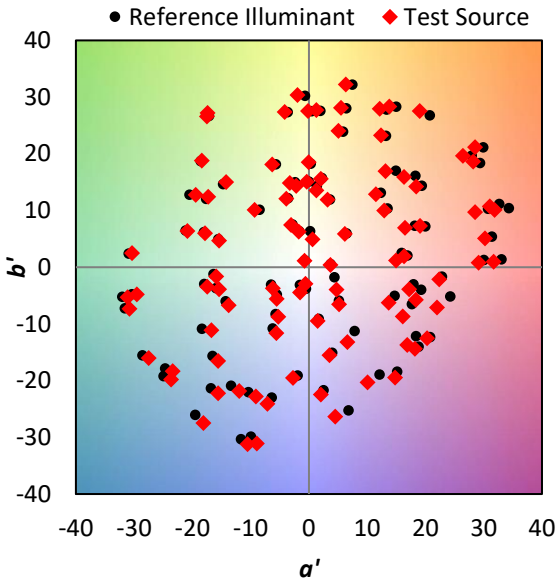
Summary

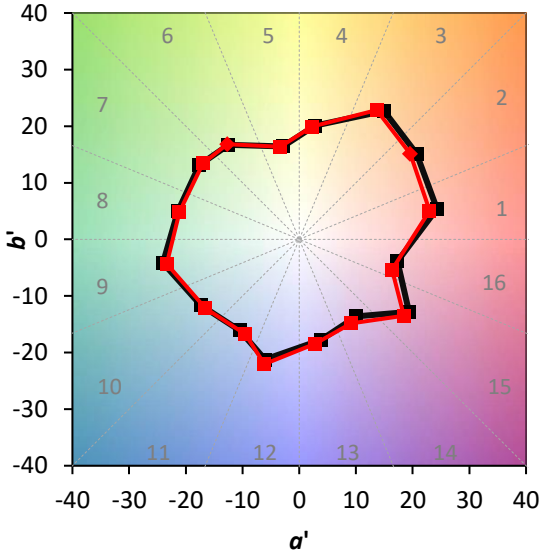
R_f = 92.6
R_g = 98
CIE R_a = 91.8
R_9 = 54.7

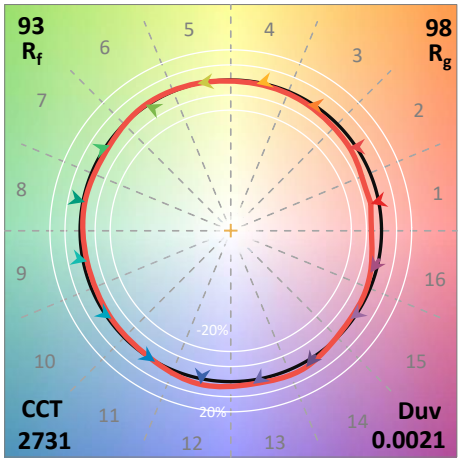
Spectral Power Distribution Comparison

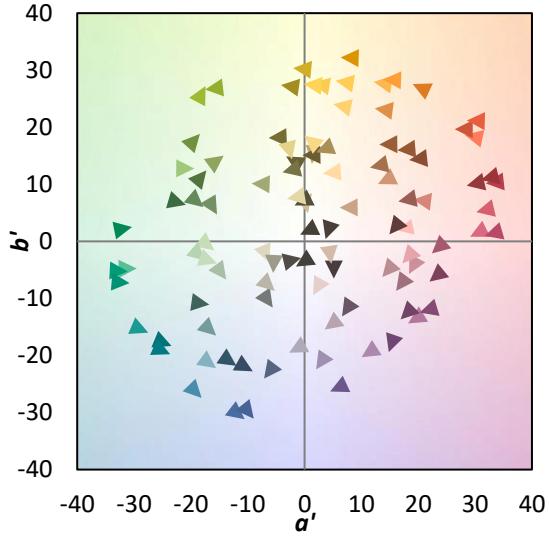


Color Vector Graphics









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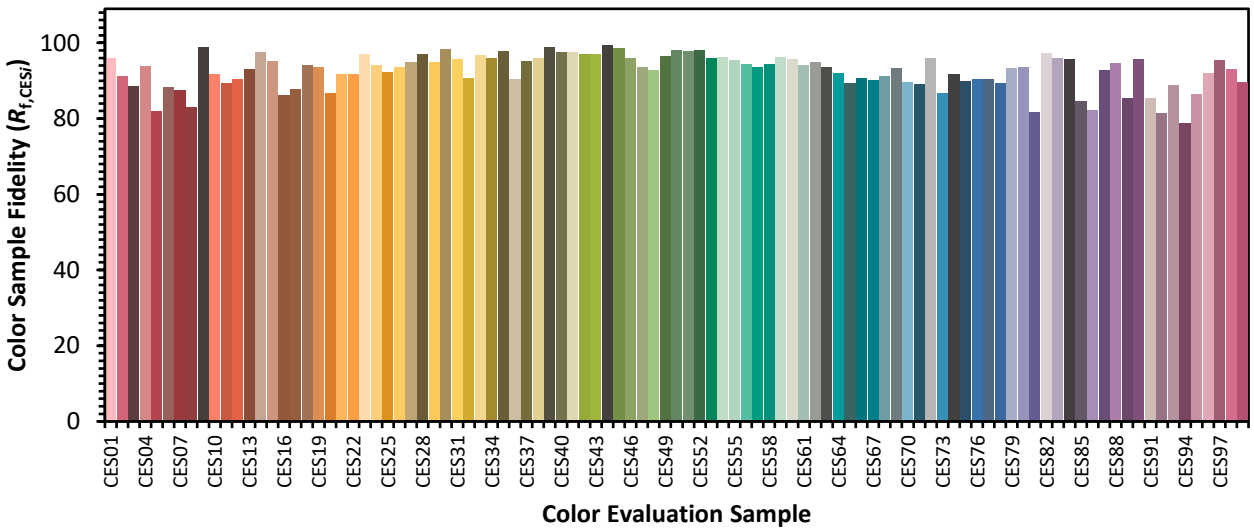
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



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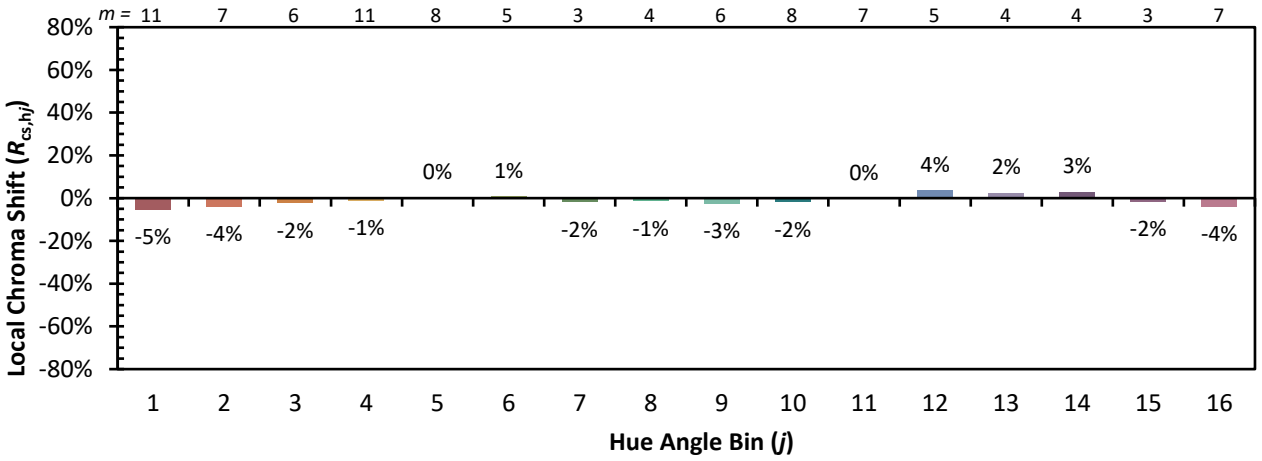
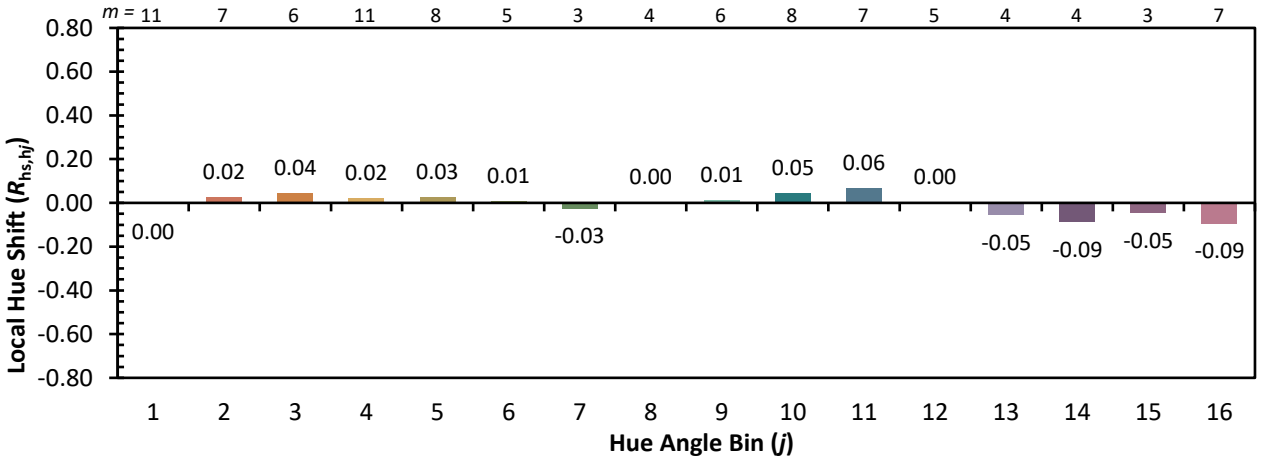
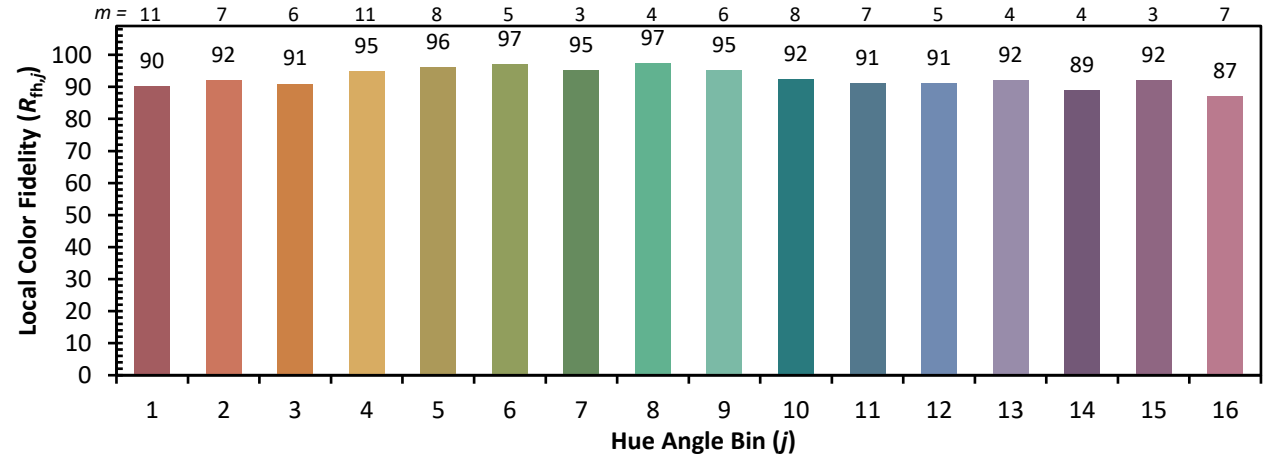
Color Rendition by Hue-Angle Bin







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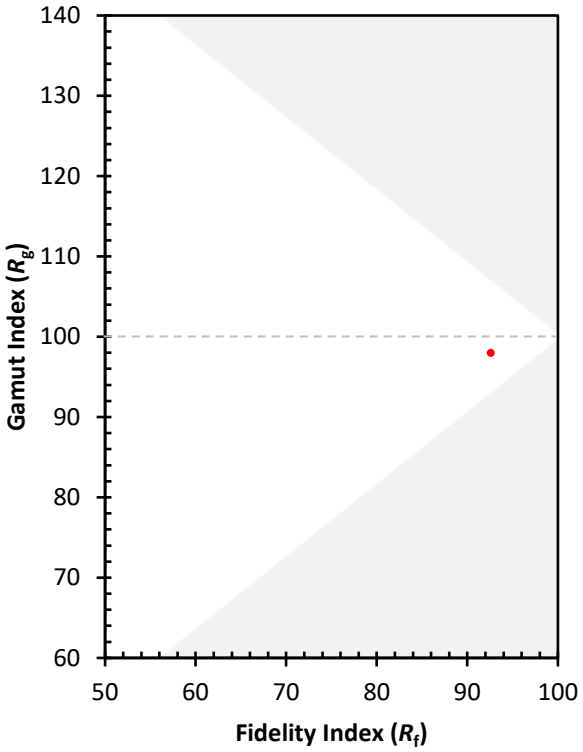
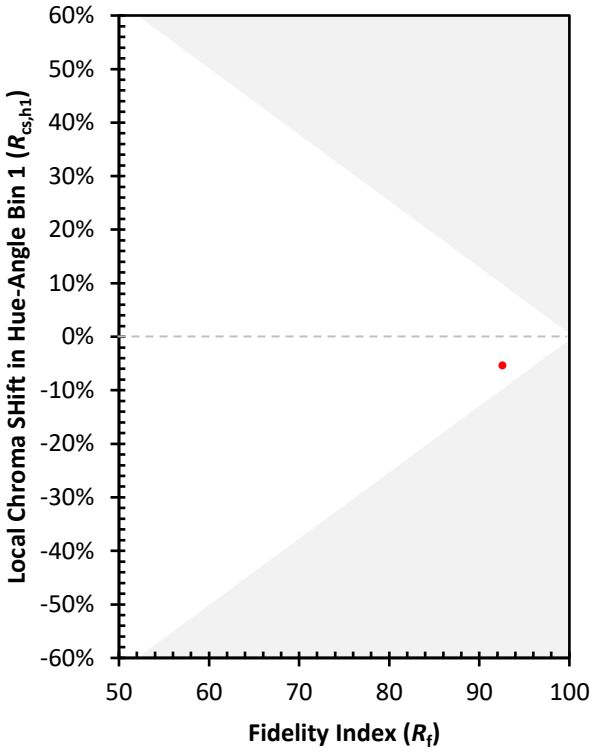
Measure Comparisons





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