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

Scaled data based on original data using

LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: IRiS

Report Number: P1248713

Luminaire Tested: P3A05R709027DE010 E3LSWW1H

Issue Date: 1/29/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1248713
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-15)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A05R709027DE010 E3LSWW1H
Description:	3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3LSWW1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	238.1 lumens
Efficiency:	N/A
Efficacy:	33.1 lumens/watt
Spacing Criteria (0/90/45):	1.47 / 0.85 / 1.23
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.2
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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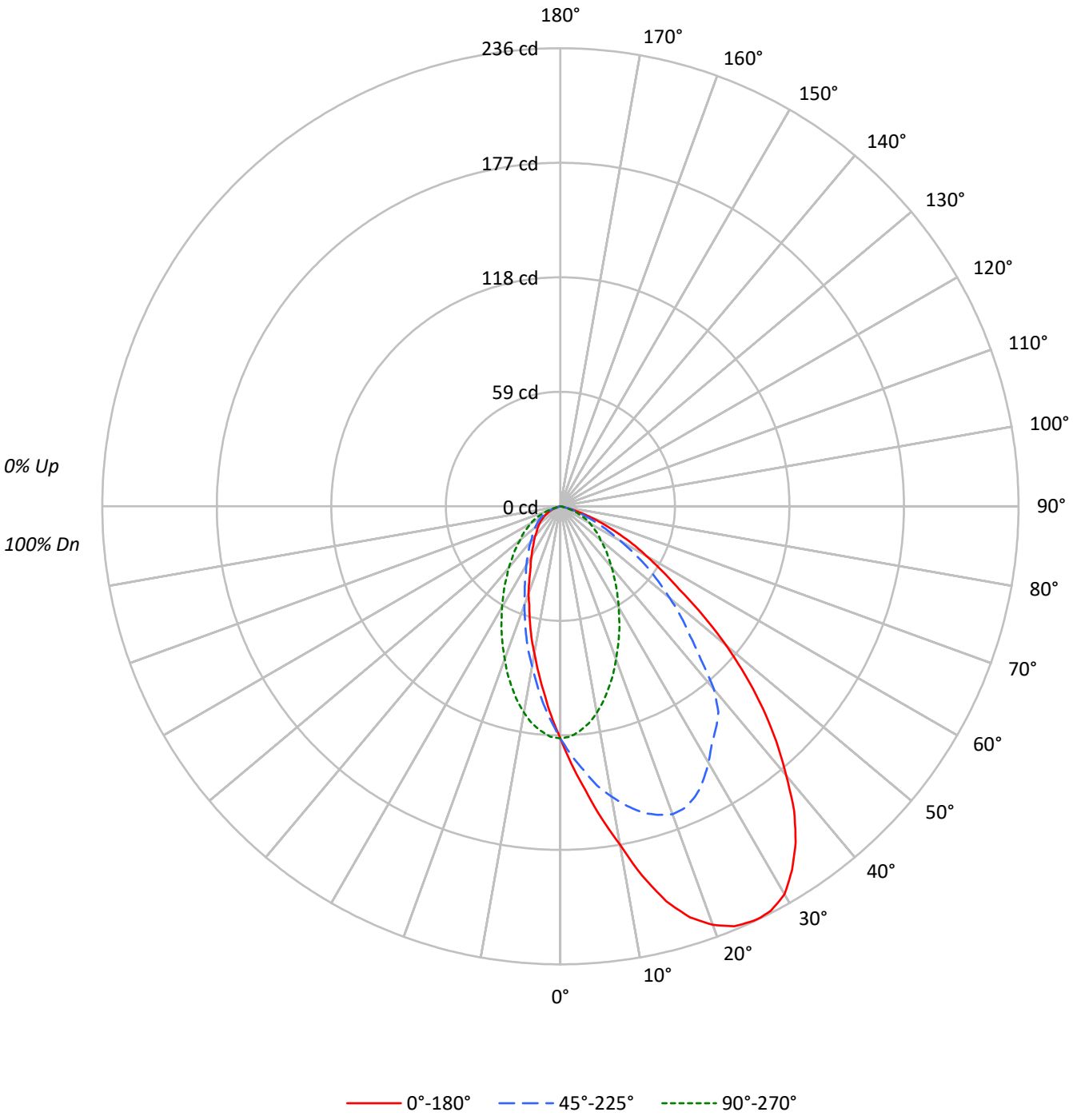
TEST NUMBER: P1248713
CATALOG NUMBER: P3A05R709027DE010 E3LSWW1H

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	85	81	85	82	80	78
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	63	70	66	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	76	64	56	51	74	63	56	51	62	55	50	60	54	50	59	53	49	47
7	71	59	51	45	69	58	51	45	57	50	45	55	49	45	54	49	44	43
8	66	54	46	41	65	53	46	41	52	46	41	51	45	41	50	44	40	39
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35
10	59	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	32

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	26204	26204	26204	26204	26204
5°	32247	30024	25556	22430	21241
10°	39389	33823	24048	18637	17145
15°	47810	37094	21907	15482	13803
20°	53555	39390	19532	12601	11178
25°	57003	39849	17324	10452	8831
30°	58465	38639	15218	8887	7520
35°	56563	37397	13385	7602	6505
40°	51783	35180	11794	6756	5811
45°	45834	29305	10482	6295	5241
50°	38003	25108	9211	5765	4844
55°	28635	20912	8525	5429	4396
60°	22498	15700	7719	5043	3859
65°	16811	11571	6641	4203	3165
70°	10835	7373	4744	3013	1731
75°	4575	3982	2288	1186	593
80°	884	884	0	0	0
85°	0	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 45834 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	4.8
10°-20°	32.6	13.7
20°-30°	47.7	20.0
30°-40°	52.0	21.8
40°-50°	45.0	18.9
50°-60°	30.1	12.7
60°-70°	15.6	6.5
70°-80°	3.7	1.6
80°-90°	0.0	0.0
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°-30°	91.7	38.5
0°-40°	143.6	60.3
0°-60°	218.8	91.9
0°-90°	238.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	238.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	120	120	120	120	120	
5°	146	136	116	102	96	15
15°	211	163	96	68	61	60
25°	236	165	72	43	36	108
35°	211	140	50	28	24	131
45°	148	94	34	20	17	113
55°	75	55	22	14	12	69
65°	32	22	13	8	6	33
75°	5	5	3	1	1	7
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5
2.5°	133.0	132.3	132.3	131.0	129.6	128.3	126.2	124.2	122.2	120.2	118.8
5°	146.5	147.2	146.5	143.8	140.4	136.4	132.3	127.6	122.9	118.8	116.1
7.5°	162.0	162.0	160.0	156.6	151.9	145.1	138.4	130.3	122.9	116.1	112.7
10°	176.9	176.9	173.5	168.1	160.7	151.9	142.4	131.6	121.5	112.1	108.0
12.5°	195.1	194.4	190.4	181.6	170.8	158.0	145.1	131.6	119.5	108.0	102.6
15°	210.6	209.9	204.5	193.7	179.6	163.4	145.8	130.3	115.4	102.6	96.5
17.5°	222.1	220.7	214.7	203.2	187.0	166.7	146.5	127.6	110.7	96.5	90.5
20°	229.5	228.8	222.1	208.6	191.0	168.8	145.8	124.2	106.0	90.5	83.7
22.5°	234.2	232.9	226.1	211.3	191.0	168.1	143.1	119.5	99.9	84.4	77.6
25°	235.6	234.9	226.8	210.6	189.0	164.7	139.1	114.8	93.8	78.3	71.6
26°	235.6	234.9	226.8	209.9	187.7	162.7	137.0	112.7	91.8	75.6	69.5
27.5°	234.9	234.2	225.5	207.9	185.0	159.3	133.0	108.7	87.8	72.2	65.5
30°	230.9	229.5	220.7	203.2	178.9	152.6	126.2	102.6	81.7	66.2	60.1
32.5°	222.1	220.7	211.3	195.1	172.1	145.1	118.8	95.9	75.6	60.1	54.7
35°	211.3	209.9	200.5	185.0	162.7	139.7	110.7	88.4	68.9	55.4	50.0
37.5°	197.8	195.8	187.7	171.5	151.2	133.7	104.0	81.0	62.8	50.0	45.2
40°	180.9	180.2	172.8	158.0	137.7	122.9	99.9	81.0	57.4	45.2	41.2
42.5°	164.7	163.4	156.6	143.8	125.6	107.3	87.8	77.6	53.3	40.5	37.1
45°	147.8	146.5	140.4	129.6	112.7	94.5	94.5	66.8	45.9	37.1	33.8
47.5°	129.6	128.3	123.5	115.4	100.6	84.4	68.9	54.7	41.9	33.1	30.4
50°	111.4	112.1	108.0	99.9	88.4	73.6	59.4	45.9	35.8	29.7	27.0
52.5°	93.2	92.5	89.8	84.4	76.3	63.5	50.6	39.2	31.1	26.3	25.0
55°	74.9	75.6	74.3	70.9	64.1	54.7	42.5	33.8	27.7	23.6	22.3
57.5°	62.1	62.8	60.1	58.1	52.7	44.6	35.1	28.4	23.6	20.9	19.6
60°	51.3	52.0	50.0	47.3	43.2	35.8	28.4	23.6	20.9	18.9	17.6
62.5°	41.9	41.2	39.8	37.1	33.8	28.4	23.0	19.6	17.6	16.2	15.5
65°	32.4	32.4	31.1	29.0	26.3	22.3	18.2	16.2	14.9	13.5	12.8
67.5°	24.3	24.3	23.0	21.6	18.9	16.2	14.2	12.8	12.2	10.8	10.1
70°	16.9	16.9	16.2	15.5	13.5	11.5	10.8	9.5	8.8	8.1	7.4
72.5°	10.8	10.8	10.8	9.5	8.8	7.4	7.4	6.8	6.1	5.4	5.4
75°	5.4	6.1	5.4	5.4	4.7	4.7	4.1	4.1	3.4	3.4	2.7
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.4	1.4	1.4	1.4
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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TEST NUMBER: P1248713
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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5
2.5°	117.5	115.4	114.1	112.1	110.7	109.4	108.7	108.0	108.0	108.0
5°	114.1	110.7	107.3	104.0	101.9	99.9	97.9	97.2	96.5	96.5
7.5°	110.0	104.6	99.9	95.9	92.5	90.5	88.4	87.1	86.4	86.4
10°	104.6	97.9	92.5	87.1	83.7	81.0	79.7	77.6	77.6	77.0
12.5°	98.6	90.5	84.4	79.7	76.3	72.9	70.9	69.5	68.9	68.9
15°	91.8	83.7	77.0	71.6	68.2	64.8	62.8	61.4	60.8	60.8
17.5°	85.1	76.3	69.5	64.1	60.8	57.4	55.4	54.0	54.0	53.3
20°	78.3	69.5	62.8	57.4	54.0	51.3	49.3	47.9	47.3	47.9
22.5°	72.2	63.5	56.7	52.0	47.9	45.2	43.2	42.5	41.9	41.9
25°	*65.5*	*57.4*	*51.3*	*46.6*	*43.2*	*40.5*	*38.5*	*37.8*	*37.1*	*36.5*
26°	63.5	55.4	49.3	44.6	41.2	38.5	37.1	35.8	35.1	35.1
27.5°	60.8	52.0	46.6	41.9	38.5	36.5	34.4	33.8	33.1	33.1
30°	54.7	47.3	41.9	37.8	35.1	32.4	31.1	30.4	29.7	29.7
32.5°	50.0	42.5	37.8	34.4	31.7	29.7	28.4	27.0	27.0	27.0
35°	45.2	38.5	34.4	31.1	28.4	26.3	25.7	25.0	24.3	24.3
37.5°	41.2	35.1	31.1	28.4	26.3	24.3	23.0	22.3	22.3	22.3
40°	37.1	32.4	28.4	25.7	23.6	22.3	20.9	20.3	20.3	20.3
42.5°	33.8	29.0	26.3	23.6	21.6	20.3	19.6	18.9	18.2	18.2
45°	31.1	27.0	23.6	21.6	20.3	18.9	17.6	16.9	16.9	16.9
47.5°	27.7	25.0	21.6	19.6	18.2	16.9	16.2	15.5	15.5	15.5
50°	25.7	23.0	20.3	18.2	16.9	15.5	14.9	14.2	14.2	14.2
52.5°	23.0	20.9	18.9	16.9	15.5	14.2	13.5	12.8	12.8	12.8
55°	20.9	18.9	16.9	15.5	14.2	12.8	12.2	11.5	11.5	11.5
57.5°	18.9	16.9	15.5	14.2	12.8	12.2	10.8	10.8	10.1	10.1
60°	16.9	14.9	13.5	12.8	11.5	10.8	9.5	8.8	8.8	8.8
62.5°	14.2	13.5	12.2	10.8	9.5	8.8	8.1	7.4	7.4	7.4
65°	12.2	11.5	10.1	8.8	8.1	7.4	6.8	6.1	6.1	6.1
67.5°	10.1	8.8	8.1	7.4	6.8	6.1	5.4	4.7	4.1	4.7
70°	7.4	6.8	6.1	5.4	4.7	4.1	3.4	3.4	2.7	2.7
72.5°	4.7	4.1	4.1	3.4	2.7	2.7	2.0	2.0	1.4	1.4
75°	2.7	2.7	2.0	2.0	1.4	1.4	0.7	0.7	0.7	0.7
77.5°	1.4	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
90°	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

IRiS

Report Number: SP1-2504-409-27

Test Date: 05/16/2025

Luminaire Tested: LD3A13R159027D010 E3D1H

Data in this report applies to families of products including LD3A

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

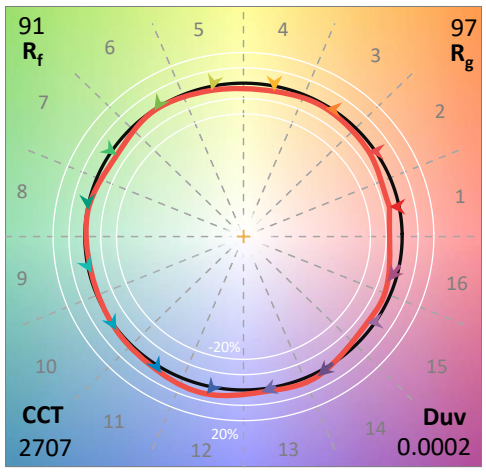
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2504-409-27
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/06/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	**LD3A13R159027D010 E3D1H**
Description:	3in Adjustabled LED luminaire with, R15 optic, 2700K CCT AND, 90CRI LEDS, E3D1H TRIM

Spectral Parameters

CCT (K):	2707	CRI (Ra):	92.2		
CIE u':	0.2622	R1:	93.3	R9:	50.2
CIE v':	0.5275	R2:	98.1	R10:	95.3
Duv:	0.0002	R3:	97.1	R11:	96.2
CIE x:	0.4597	R4:	93.2	R12:	85.7
CIE y:	0.4111	R5:	93.7	R13:	94.9
CIE z:	0.1292	R6:	97.0	R14:	99.3
Peak Wavelength (nm):	618	R7:	88.8	R15:	87.0
Dominant Wavelength (nm):	584	R8:	76.6		
Purity:	61.37764				

Rf:	91.2
Rg:	97.1



Test Conditions

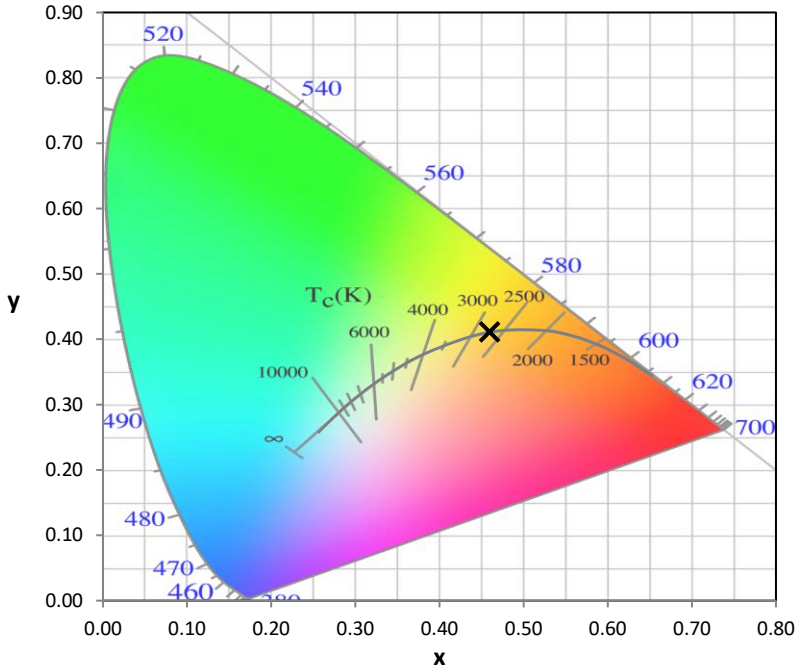
Stabilization Time:	48M
Operation Time:	1H 48M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2504-409-27

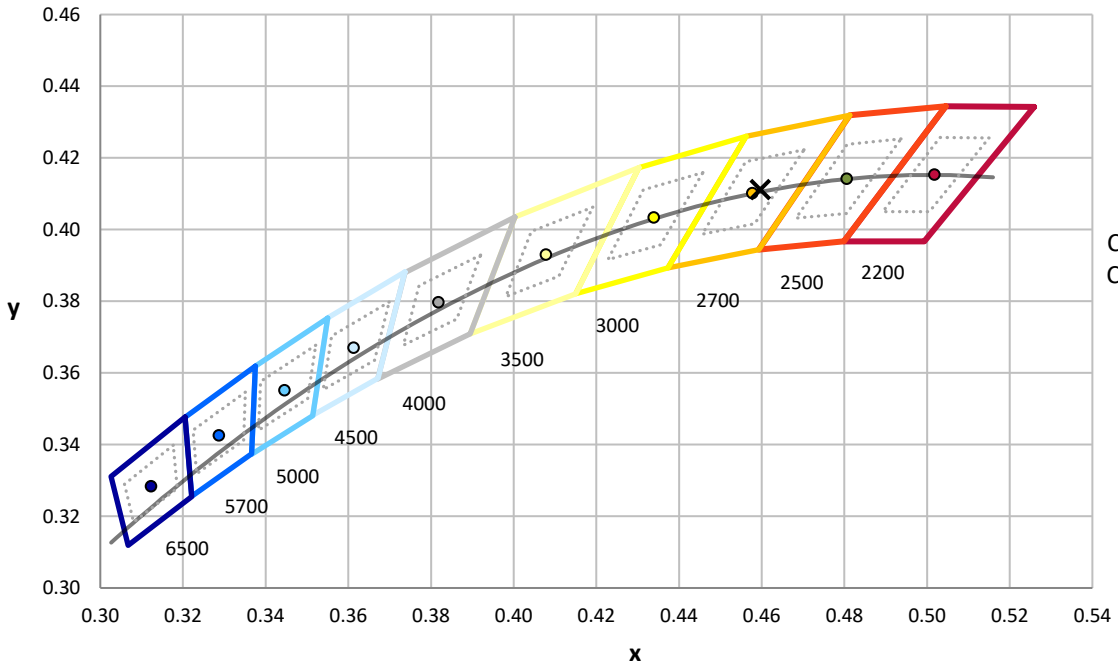
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2024	6/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2504-409-27

CIE 1931 Chromaticity Diagram



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

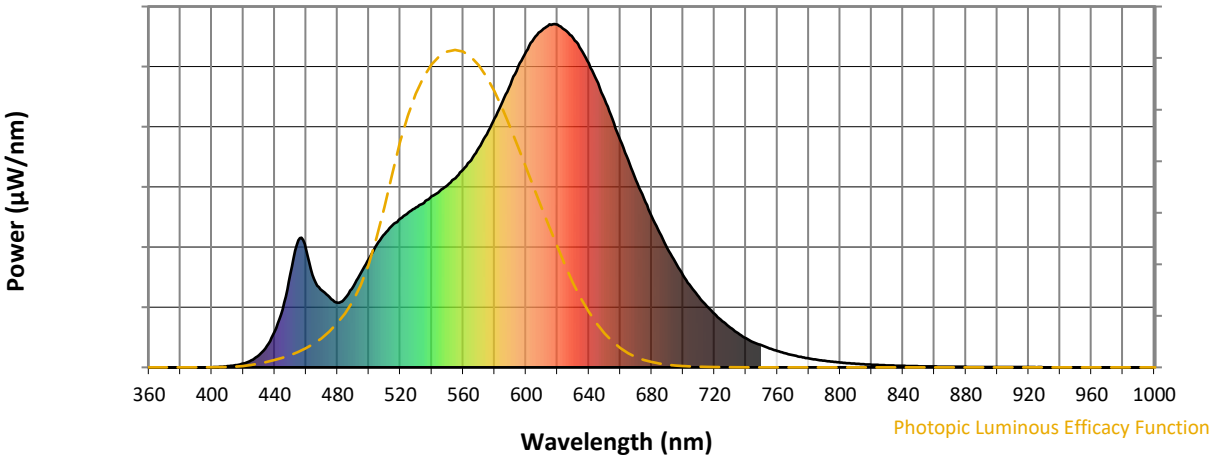


CCT = 2707K
CIE x = 0.4597
CIE y = 0.4111
Duv = 0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2504-409-27

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	236	NR	620	998	NR	750	64	NR	880	1	NR
365	0	NR	495	276	NR	625	983	NR	755	55	NR	885	1	NR
370	0	NR	500	317	NR	630	960	NR	760	48	NR	890	1	NR
375	0	NR	505	357	NR	635	927	NR	765	41	NR	895	1	NR
380	0	NR	510	389	NR	640	885	NR	770	35	NR	900	1	NR
385	0	NR	515	414	NR	645	836	NR	775	30	NR	905	1	NR
390	0	NR	520	434	NR	650	781	NR	780	26	NR	910	1	NR
395	0	NR	525	450	NR	655	723	NR	785	22	NR	915	1	NR
400	1	NR	530	466	NR	660	662	NR	790	19	NR	920	1	NR
405	2	NR	535	480	NR	665	604	NR	795	16	NR	925	0	NR
410	3	NR	540	498	NR	670	546	NR	800	14	NR	930	0	NR
415	6	NR	545	514	NR	675	492	NR	805	12	NR	935	0	NR
420	11	NR	550	530	NR	680	440	NR	810	10	NR	940	0	NR
425	20	NR	555	551	NR	685	393	NR	815	9	NR	945	0	NR
430	35	NR	560	577	NR	690	347	NR	820	8	NR	950	0	NR
435	62	NR	565	604	NR	695	306	NR	825	7	NR	955	0	NR
440	104	NR	570	640	NR	700	268	NR	830	6	NR	960	0	NR
445	168	NR	575	679	NR	705	235	NR	835	5	NR	965	0	NR
450	272	NR	580	726	NR	710	205	NR	840	4	NR	970	0	NR
455	370	NR	585	774	NR	715	179	NR	845	4	NR	975	0	NR
460	344	NR	590	824	NR	720	156	NR	850	3	NR	980	0	NR
465	257	NR	595	877	NR	725	134	NR	855	3	NR	985	0	NR
470	224	NR	600	920	NR	730	116	NR	860	2	NR	990	0	NR
475	204	NR	605	957	NR	735	100	NR	865	2	NR	995	0	NR
480	188	NR	610	982	NR	740	85	NR	870	2	NR	1000	0	NR
485	202	NR	615	999	NR	745	73	NR	875	2	NR			

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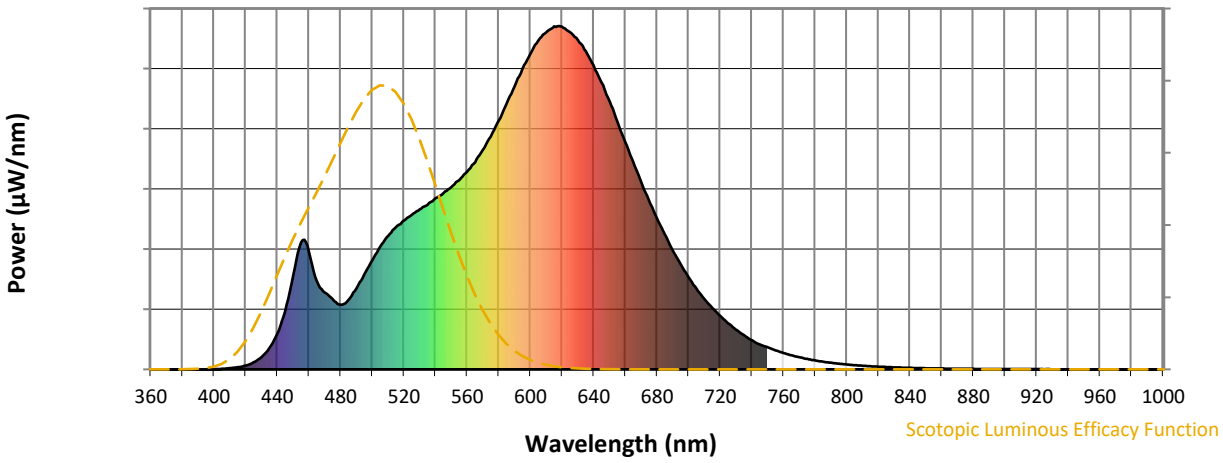
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.31**

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	236	NR	620	998	NR	750	64	NR	880	1	NR
365	0	NR	495	276	NR	625	983	NR	755	55	NR	885	1	NR
370	0	NR	500	317	NR	630	960	NR	760	48	NR	890	1	NR
375	0	NR	505	357	NR	635	927	NR	765	41	NR	895	1	NR
380	0	NR	510	389	NR	640	885	NR	770	35	NR	900	1	NR
385	0	NR	515	414	NR	645	836	NR	775	30	NR	905	1	NR
390	0	NR	520	434	NR	650	781	NR	780	26	NR	910	1	NR
395	0	NR	525	450	NR	655	723	NR	785	22	NR	915	1	NR
400	1	NR	530	466	NR	660	662	NR	790	19	NR	920	1	NR
405	2	NR	535	480	NR	665	604	NR	795	16	NR	925	0	NR
410	3	NR	540	498	NR	670	546	NR	800	14	NR	930	0	NR
415	6	NR	545	514	NR	675	492	NR	805	12	NR	935	0	NR
420	11	NR	550	530	NR	680	440	NR	810	10	NR	940	0	NR
425	20	NR	555	551	NR	685	393	NR	815	9	NR	945	0	NR
430	35	NR	560	577	NR	690	347	NR	820	8	NR	950	0	NR
435	62	NR	565	604	NR	695	306	NR	825	7	NR	955	0	NR
440	104	NR	570	640	NR	700	268	NR	830	6	NR	960	0	NR
445	168	NR	575	679	NR	705	235	NR	835	5	NR	965	0	NR
450	272	NR	580	726	NR	710	205	NR	840	4	NR	970	0	NR
455	370	NR	585	774	NR	715	179	NR	845	4	NR	975	0	NR
460	344	NR	590	824	NR	720	156	NR	850	3	NR	980	0	NR
465	257	NR	595	877	NR	725	134	NR	855	3	NR	985	0	NR
470	224	NR	600	920	NR	730	116	NR	860	2	NR	990	0	NR
475	204	NR	605	957	NR	735	100	NR	865	2	NR	995	0	NR
480	188	NR	610	982	NR	740	85	NR	870	2	NR	1000	0	NR
485	202	NR	615	999	NR	745	73	NR	875	2	NR			

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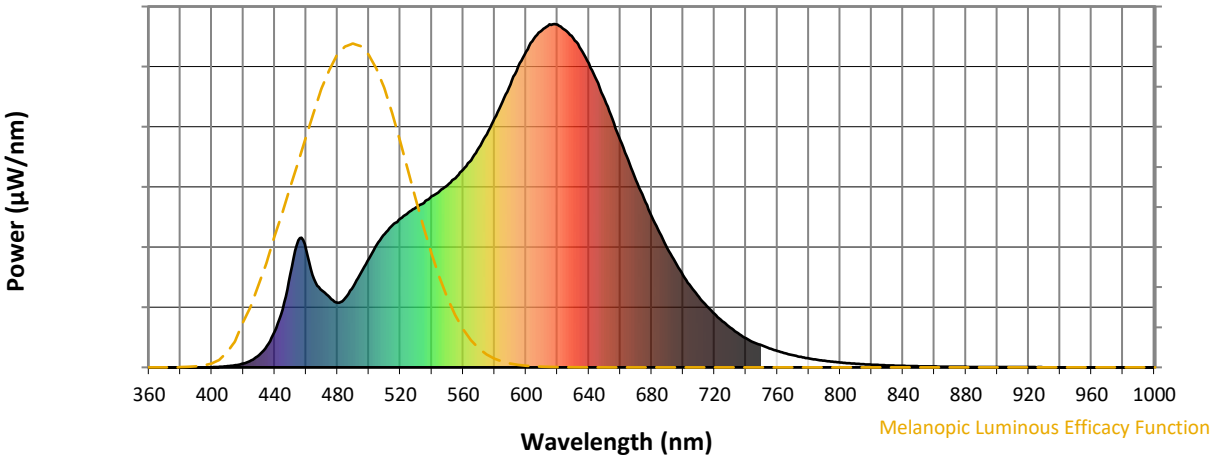
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.5**

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	236	NR	620	998	NR	750	64	NR	880	1	NR
365	0	NR	495	276	NR	625	983	NR	755	55	NR	885	1	NR
370	0	NR	500	317	NR	630	960	NR	760	48	NR	890	1	NR
375	0	NR	505	357	NR	635	927	NR	765	41	NR	895	1	NR
380	0	NR	510	389	NR	640	885	NR	770	35	NR	900	1	NR
385	0	NR	515	414	NR	645	836	NR	775	30	NR	905	1	NR
390	0	NR	520	434	NR	650	781	NR	780	26	NR	910	1	NR
395	0	NR	525	450	NR	655	723	NR	785	22	NR	915	1	NR
400	1	NR	530	466	NR	660	662	NR	790	19	NR	920	1	NR
405	2	NR	535	480	NR	665	604	NR	795	16	NR	925	0	NR
410	3	NR	540	498	NR	670	546	NR	800	14	NR	930	0	NR
415	6	NR	545	514	NR	675	492	NR	805	12	NR	935	0	NR
420	11	NR	550	530	NR	680	440	NR	810	10	NR	940	0	NR
425	20	NR	555	551	NR	685	393	NR	815	9	NR	945	0	NR
430	35	NR	560	577	NR	690	347	NR	820	8	NR	950	0	NR
435	62	NR	565	604	NR	695	306	NR	825	7	NR	955	0	NR
440	104	NR	570	640	NR	700	268	NR	830	6	NR	960	0	NR
445	168	NR	575	679	NR	705	235	NR	835	5	NR	965	0	NR
450	272	NR	580	726	NR	710	205	NR	840	4	NR	970	0	NR
455	370	NR	585	774	NR	715	179	NR	845	4	NR	975	0	NR
460	344	NR	590	824	NR	720	156	NR	850	3	NR	980	0	NR
465	257	NR	595	877	NR	725	134	NR	855	3	NR	985	0	NR
470	224	NR	600	920	NR	730	116	NR	860	2	NR	990	0	NR
475	204	NR	605	957	NR	735	100	NR	865	2	NR	995	0	NR
480	188	NR	610	982	NR	740	85	NR	870	2	NR	1000	0	NR
485	202	NR	615	999	NR	745	73	NR	875	2	NR			

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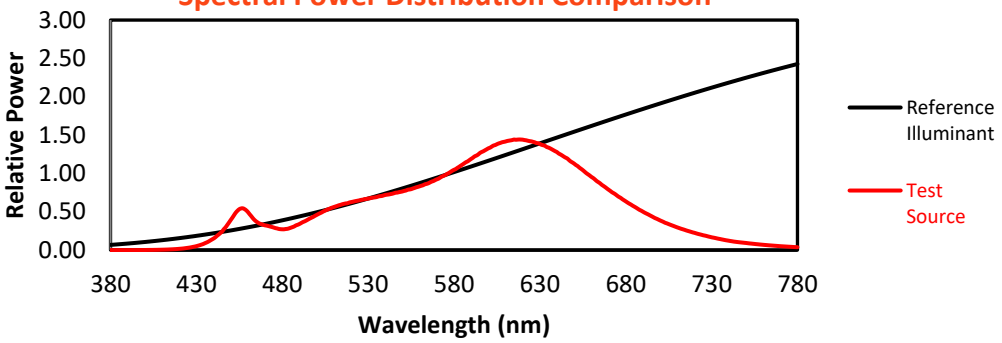
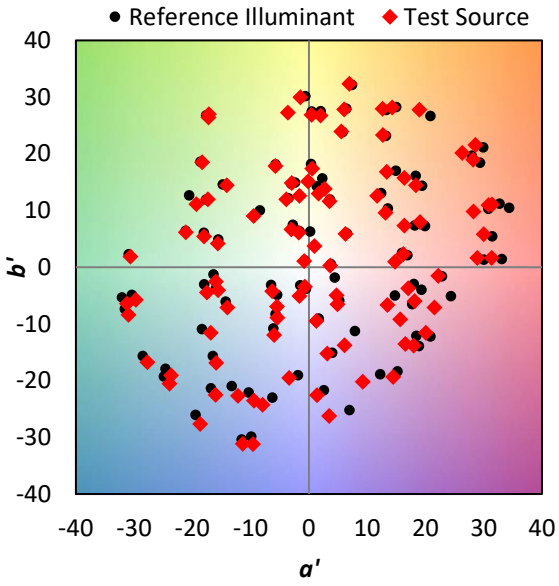
Summary

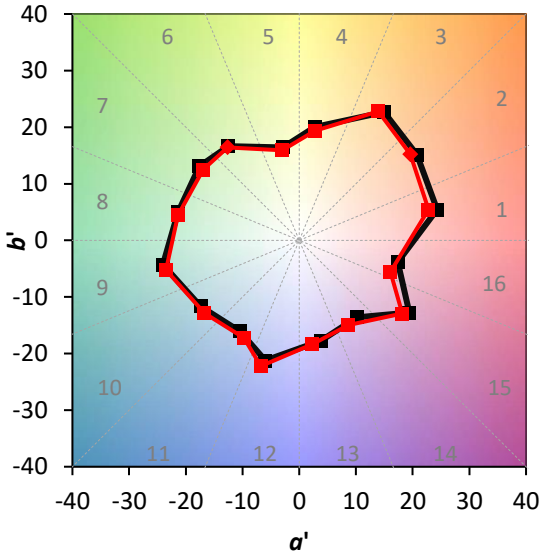
R_f = 91.2
R_g = 97.1
CIE R_a = 92.2
R_9 = 50.2

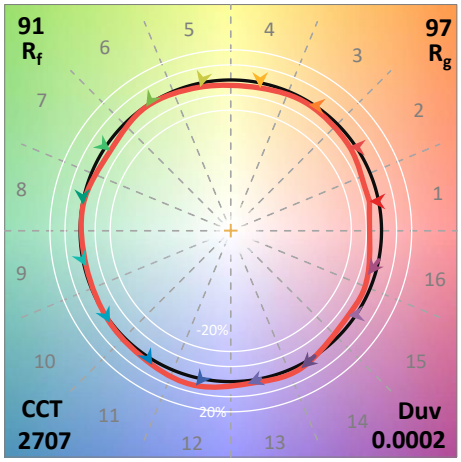
Spectral Power Distribution Comparison

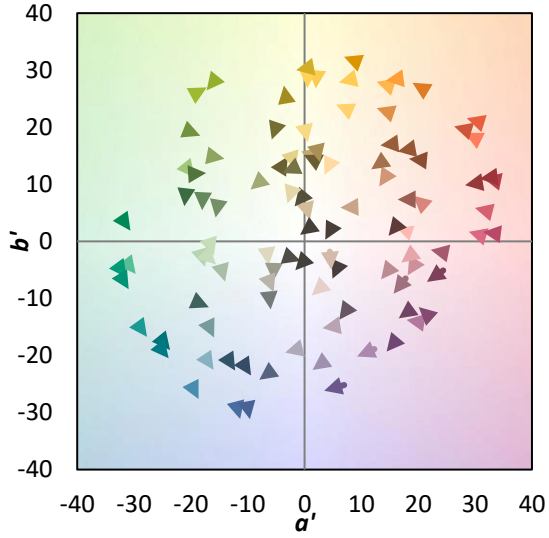


Color Vector Graphics









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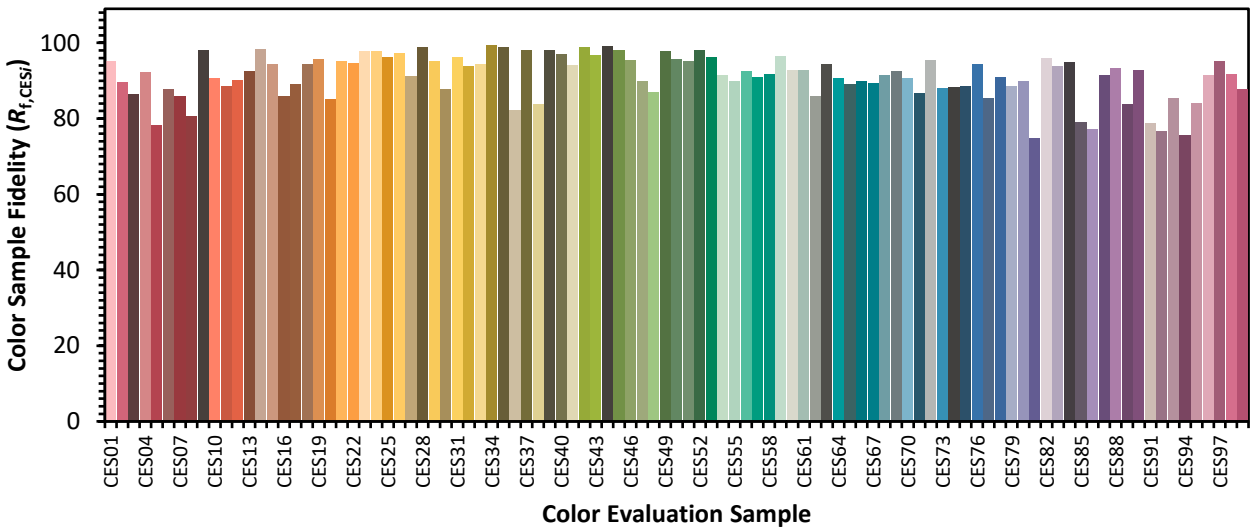
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 97	CES51 = 95	CES76 = 94
CES02 = 64	CES27 = 91	CES52 = 98	CES77 = 85
CES03 = 32	CES28 = 99	CES53 = 96	CES78 = 91
CES04 = 71	CES29 = 95	CES54 = 91	CES79 = 89
CES05 = 51	CES30 = 88	CES55 = 90	CES80 = 90
CES06 = 52	CES31 = 96	CES56 = 93	CES81 = 75
CES07 = 44	CES32 = 94	CES57 = 91	CES82 = 96
CES08 = 43	CES33 = 94	CES58 = 92	CES83 = 94
CES09 = 29	CES34 = 99	CES59 = 97	CES84 = 95
CES10 = 77	CES35 = 99	CES60 = 93	CES85 = 79
CES11 = 59	CES36 = 82	CES61 = 93	CES86 = 77
CES12 = 66	CES37 = 98	CES62 = 86	CES87 = 91
CES13 = 44	CES38 = 84	CES63 = 94	CES88 = 93
CES14 = 74	CES39 = 98	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 89	CES90 = 93
CES16 = 48	CES41 = 94	CES66 = 90	CES91 = 79
CES17 = 50	CES42 = 99	CES67 = 89	CES92 = 77
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 86
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 76
CES20 = 68	CES45 = 98	CES70 = 91	CES95 = 84
CES21 = 87	CES46 = 96	CES71 = 87	CES96 = 91
CES22 = 79	CES47 = 90	CES72 = 96	CES97 = 95
CES23 = 92	CES48 = 87	CES73 = 88	CES98 = 92
CES24 = 91	CES49 = 98	CES74 = 88	CES99 = 88
CES25 = 72	CES50 = 96	CES75 = 89	



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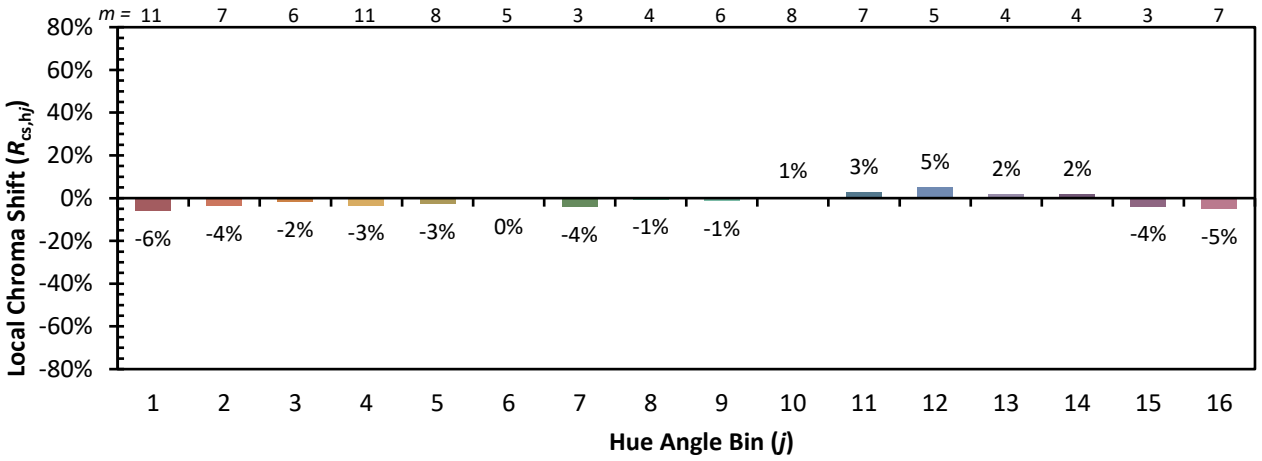
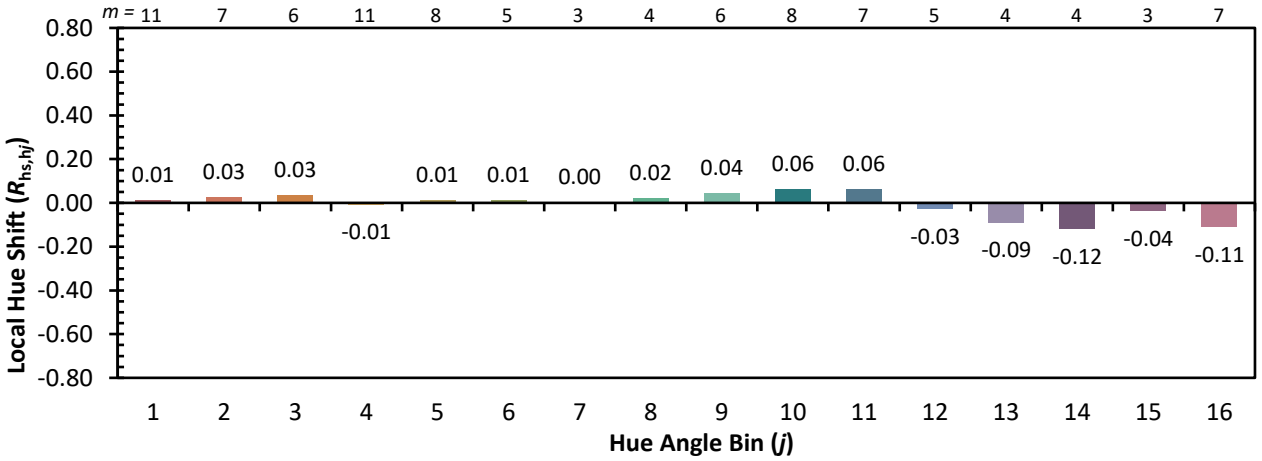
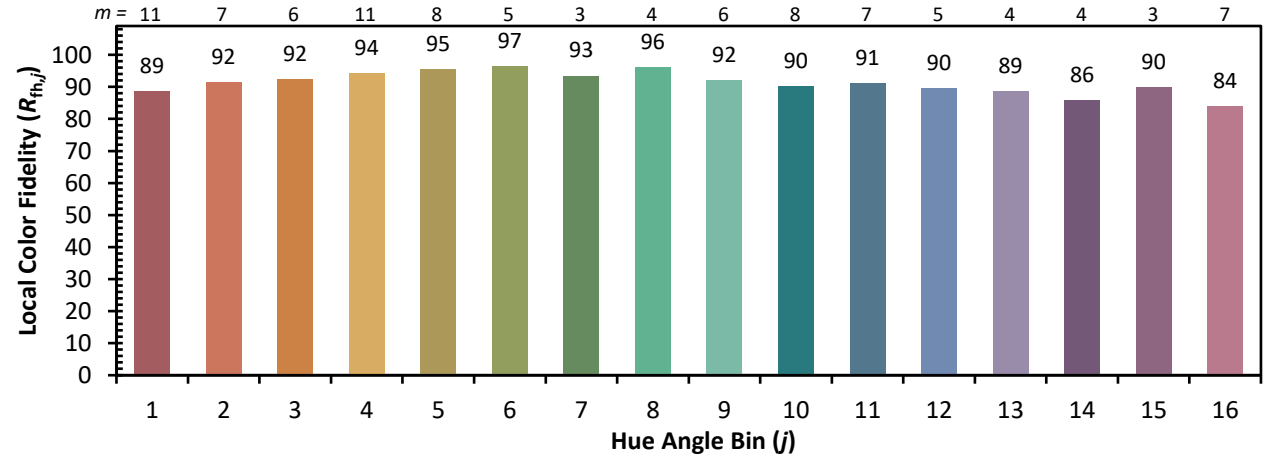
Color Rendition by Hue-Angle Bin







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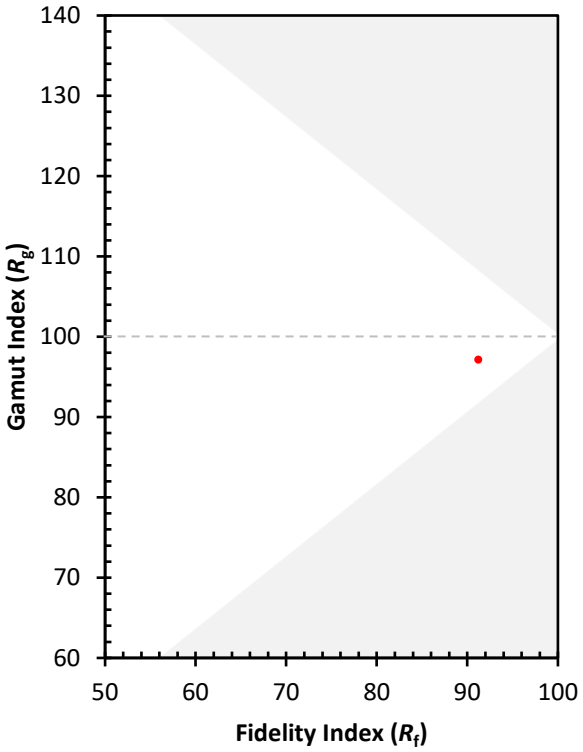
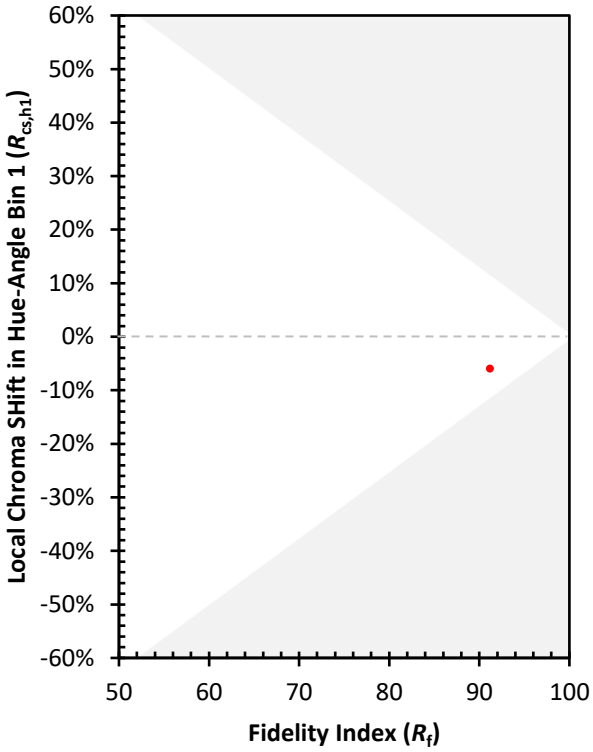
Measure Comparisons





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