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: P1251420

Luminaire Tested: P3A05R709030DE010 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:	P1251420
	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:	P3A05R709030DE010 E3LSWW1H
Description:	3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3LSWW1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	255.0 lumens
Efficiency:	N/A
Efficacy:	35.4 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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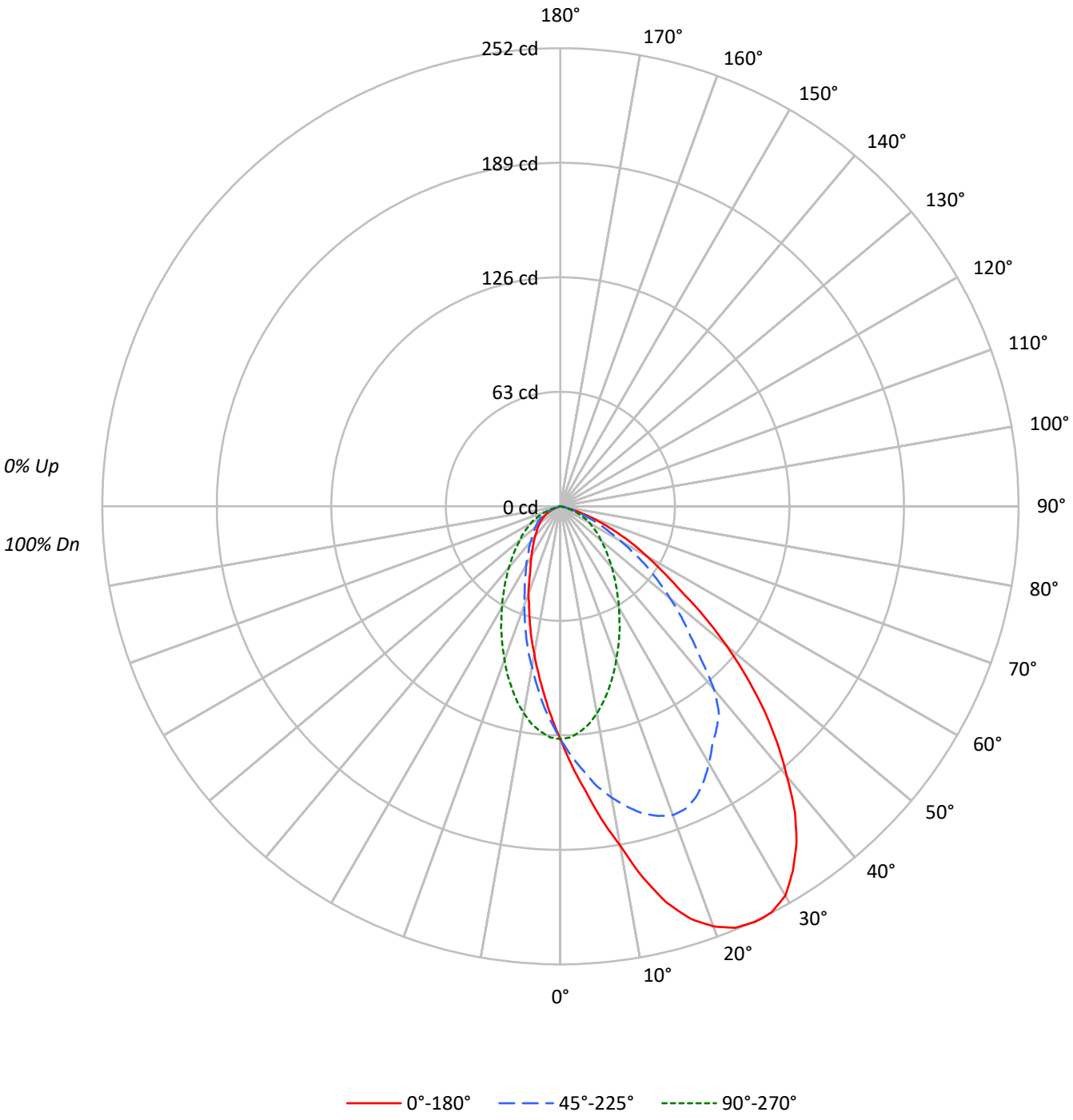
CATALOG NUMBER: P3A05R709030DE010 E3LSWW1H

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°	28068	28068	28068	28068	28068
5°	34537	32159	27383	24037	22760
10°	42195	36227	25762	19973	18370
15°	51238	39728	23473	16572	14779
20°	57382	42190	20932	13511	11994
25°	61068	42704	18558	11202	9460
30°	62643	41399	16306	9520	8052
35°	60606	40074	14322	8138	6960
40°	55475	37671	12624	7242	6212
45°	49121	31414	11226	6729	5613
50°	40698	26882	9859	6175	5185
55°	30699	22403	9137	5811	4702
60°	24121	16797	8245	5394	4122
65°	18005	12401	7108	4514	3373
70°	11605	7886	5129	3270	1859
75°	4914	4321	2457	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: 49121 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.1	4.8
10°-20°	34.9	13.7
20°-30°	51.1	20.0
30°-40°	55.7	21.8
40°-50°	48.2	18.9
50°-60°	32.3	12.7
60°-70°	16.7	6.5
70°-80°	3.9	1.5
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°	98.2	38.5
0°-40°	153.9	60.3
0°-60°	234.3	91.9
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	128	128	128	128	128	
5°	157	146	124	109	103	16
15°	226	175	103	73	65	64
25°	252	176	77	46	39	116
35°	226	150	54	30	26	140
45°	158	101	36	22	18	121
55°	80	59	24	15	12	74
65°	35	24	14	9	6	35
75°	6	5	3	1	1	8
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CATALOG NUMBER: P3A05R709030DE010 E3LSWW1H

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*128.0*	128.0	128.0	128.0	128.0	128.0	128.0	128.0	128.0	128.0	128.0
2.5°	*142.5*	141.8	141.8	140.3	138.9	137.4	135.2	133.1	130.9	128.7	127.3
5°	*156.9*	157.7	156.9	154.1	150.4	146.1	141.8	136.7	131.6	127.3	124.4
7.5°	*173.6*	173.6	171.4	167.8	162.7	155.5	148.3	139.6	131.6	124.4	120.8
10°	*189.5*	189.5	185.9	180.1	172.1	162.7	152.6	141.0	130.2	120.1	115.7
12.5°	*209.0*	208.3	204.0	194.6	183.0	169.2	155.5	141.0	128.0	115.7	109.9
15°	*225.7*	224.9	219.1	207.6	192.4	175.0	156.2	139.6	123.7	109.9	103.4
17.5°	*237.9*	236.5	230.0	217.7	200.3	178.6	156.9	136.7	118.6	103.4	96.9
20°	*245.9*	245.2	237.9	223.5	204.7	180.8	156.2	133.1	113.5	96.9	89.7
22.5°	*251.0*	249.5	242.3	226.4	204.7	180.1	153.3	128.0	107.0	90.4	83.2
25°	*252.4*	*251.7*	*243.0*	*225.7*	*202.5*	*176.5*	*149.0*	*123.0*	*100.5*	*83.9*	*76.7*
26°	*252.4*	251.7	243.0	224.9	201.1	174.3	146.8	120.8	98.4	81.0	74.5
27.5°	*251.7*	251.0	241.6	222.8	198.2	170.7	142.5	116.4	94.0	77.4	70.2
30°	*247.4*	245.9	236.5	217.7	191.7	163.5	135.2	109.9	87.5	70.9	64.4
32.5°	*237.9*	236.5	226.4	209.0	184.4	155.5	127.3	102.7	81.0	64.4	58.6
35°	*226.4*	224.9	214.8	198.2	174.3	149.7	118.6	94.7	73.8	59.3	53.5
37.5°	*211.9*	209.7	201.1	183.7	162.0	143.2	111.4	86.8	67.3	53.5	48.5
40°	*193.8*	193.1	185.2	169.2	147.5	131.6	107.0	86.8	61.5	48.5	44.1
42.5°	*176.5*	175.0	167.8	154.1	134.5	115.0	94.0	83.2	57.1	43.4	39.8
45°	*158.4*	156.9	150.4	138.9	120.8	101.3	101.3	71.6	49.2	39.8	36.2
47.5°	*138.9*	137.4	132.4	123.7	107.8	90.4	73.8	58.6	44.8	35.4	32.5
50°	*119.3*	120.1	115.7	107.0	94.7	78.8	63.6	49.2	38.3	31.8	28.9
52.5°	*99.8*	99.1	96.2	90.4	81.7	68.0	54.2	41.9	33.3	28.2	26.8
55°	*80.3*	81.0	79.6	75.9	68.7	58.6	45.6	36.2	29.7	25.3	23.9
57.5°	*66.5*	67.3	64.4	62.2	56.4	47.7	37.6	30.4	25.3	22.4	21.0
60°	*55.0*	55.7	53.5	50.6	46.3	38.3	30.4	25.3	22.4	20.3	18.8
62.5°	*44.8*	44.1	42.7	39.8	36.2	30.4	24.6	21.0	18.8	17.4	16.6
65°	*34.7*	34.7	33.3	31.1	28.2	23.9	19.5	17.4	15.9	14.5	13.7
67.5°	*26.0*	26.0	24.6	23.1	20.3	17.4	15.2	13.7	13.0	11.6	10.8
70°	*18.1*	18.1	17.4	16.6	14.5	12.3	11.6	10.1	9.4	8.7	8.0
72.5°	*11.6*	11.6	11.6	10.1	9.4	8.0	8.0	7.2	6.5	5.8	5.8
75°	*5.8*	6.5	5.8	5.8	5.1	5.1	4.3	4.3	3.6	3.6	2.9
77.5°	*2.2*	2.2	2.2	2.2	2.2	2.2	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: P1251420
CATALOG NUMBER: P3A05R709030DE010 E3LSWW1H

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	128.0	128.0	128.0	128.0	128.0	128.0	128.0	128.0	128.0	128.0
2.5°	125.8	123.7	122.2	120.1	118.6	117.2	116.4	115.7	115.7	115.7
5°	122.2	118.6	115.0	111.4	109.2	107.0	104.9	104.1	103.4	103.4
7.5°	117.9	112.1	107.0	102.7	99.1	96.9	94.7	93.3	92.6	92.6
10°	112.1	104.9	99.1	93.3	89.7	86.8	85.3	83.2	83.2	82.5
12.5°	105.6	96.9	90.4	85.3	81.7	78.1	75.9	74.5	73.8	73.8
15°	98.4	89.7	82.5	76.7	73.0	69.4	67.3	65.8	65.1	65.1
17.5°	91.1	81.7	74.5	68.7	65.1	61.5	59.3	57.9	57.9	57.1
20°	83.9	74.5	67.3	61.5	57.9	55.0	52.8	51.4	50.6	51.4
22.5°	77.4	68.0	60.8	55.7	51.4	48.5	46.3	45.6	44.8	44.8
25°	*70.2*	*61.5*	*55.0*	*49.9*	*46.3*	*43.4*	*41.2*	*40.5*	*39.8*	*39.1*
26°	68.0	59.3	52.8	47.7	44.1	41.2	39.8	38.3	37.6	37.6
27.5°	65.1	55.7	49.9	44.8	41.2	39.1	36.9	36.2	35.4	35.4
30°	58.6	50.6	44.8	40.5	37.6	34.7	33.3	32.5	31.8	31.8
32.5°	53.5	45.6	40.5	36.9	34.0	31.8	30.4	28.9	28.9	28.9
35°	48.5	41.2	36.9	33.3	30.4	28.2	27.5	26.8	26.0	26.0
37.5°	44.1	37.6	33.3	30.4	28.2	26.0	24.6	23.9	23.9	23.9
40°	39.8	34.7	30.4	27.5	25.3	23.9	22.4	21.7	21.7	21.7
42.5°	36.2	31.1	28.2	25.3	23.1	21.7	21.0	20.3	19.5	19.5
45°	33.3	28.9	25.3	23.1	21.7	20.3	18.8	18.1	18.1	18.1
47.5°	29.7	26.8	23.1	21.0	19.5	18.1	17.4	16.6	16.6	16.6
50°	27.5	24.6	21.7	19.5	18.1	16.6	15.9	15.2	15.2	15.2
52.5°	24.6	22.4	20.3	18.1	16.6	15.2	14.5	13.7	13.7	13.7
55°	22.4	20.3	18.1	16.6	15.2	13.7	13.0	12.3	12.3	12.3
57.5°	20.3	18.1	16.6	15.2	13.7	13.0	11.6	11.6	10.8	10.8
60°	18.1	15.9	14.5	13.7	12.3	11.6	10.1	9.4	9.4	9.4
62.5°	15.2	14.5	13.0	11.6	10.1	9.4	8.7	8.0	8.0	8.0
65°	13.0	12.3	10.8	9.4	8.7	8.0	7.2	6.5	6.5	6.5
67.5°	10.8	9.4	8.7	8.0	7.2	6.5	5.8	5.1	4.3	5.1
70°	8.0	7.2	6.5	5.8	5.1	4.3	3.6	3.6	2.9	2.9
72.5°	5.1	4.3	4.3	3.6	2.9	2.9	2.2	2.2	1.4	1.4
75°	2.9	2.9	2.2	2.2	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: SP1-2504-409-28

Test Date: 05/16/2025

Luminaire Tested: LD3A09R159030D010 E3D1H

Data in this report applies to families of products including LD3A

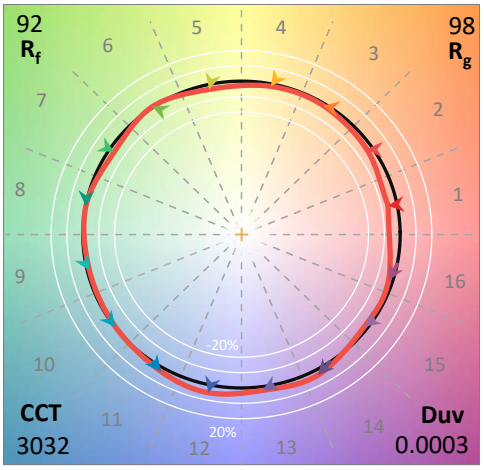
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2504-409-28
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:	**LD3A09R159030D010 E3D1H**
Description:	3in Adjustabled LED luminaire with, R15 optic, 3000K CCT AND, 90CRI LEDS, E3D1H TRIM

Spectral Parameters

CCT (K):	3032	CRI (Ra):	92.8		
CIE u':	0.2493	R1:	93.5	R9:	51.3
CIE v':	0.5211	R2:	97.3	R10:	93.2
Duv:	0.0003	R3:	98.7	R11:	96.4
CIE x:	0.4351	R4:	93.9	R12:	82.1
CIE y:	0.4042	R5:	93.6	R13:	94.8
CIE z:	0.1608	R6:	96.7	R14:	99.6
Peak Wavelength (nm):	615	R7:	90.3	R15:	87.6
Dominant Wavelength (nm):	582	R8:	78.4		
Purity:	51.90029				
Rf:	91.6				
Rg:	98.2				



Test Conditions

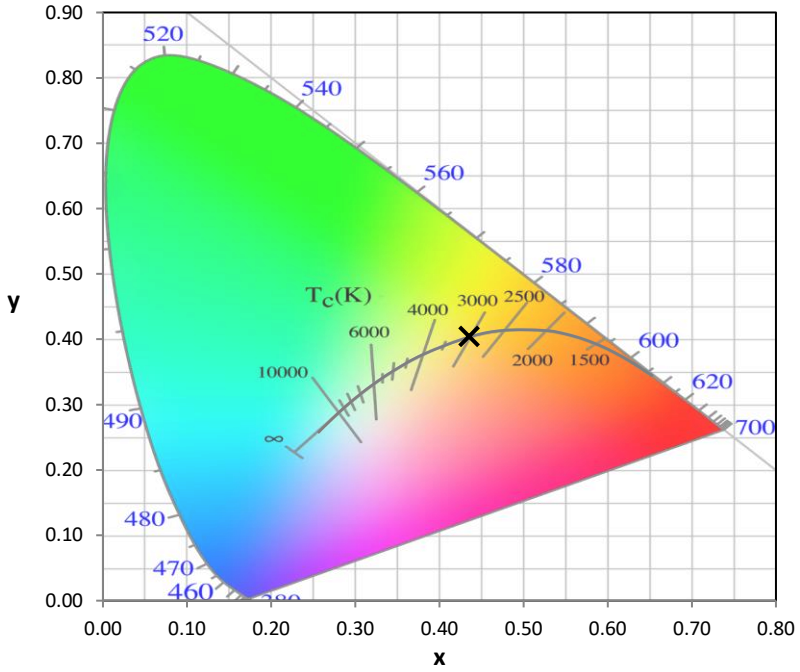
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2504-409-28

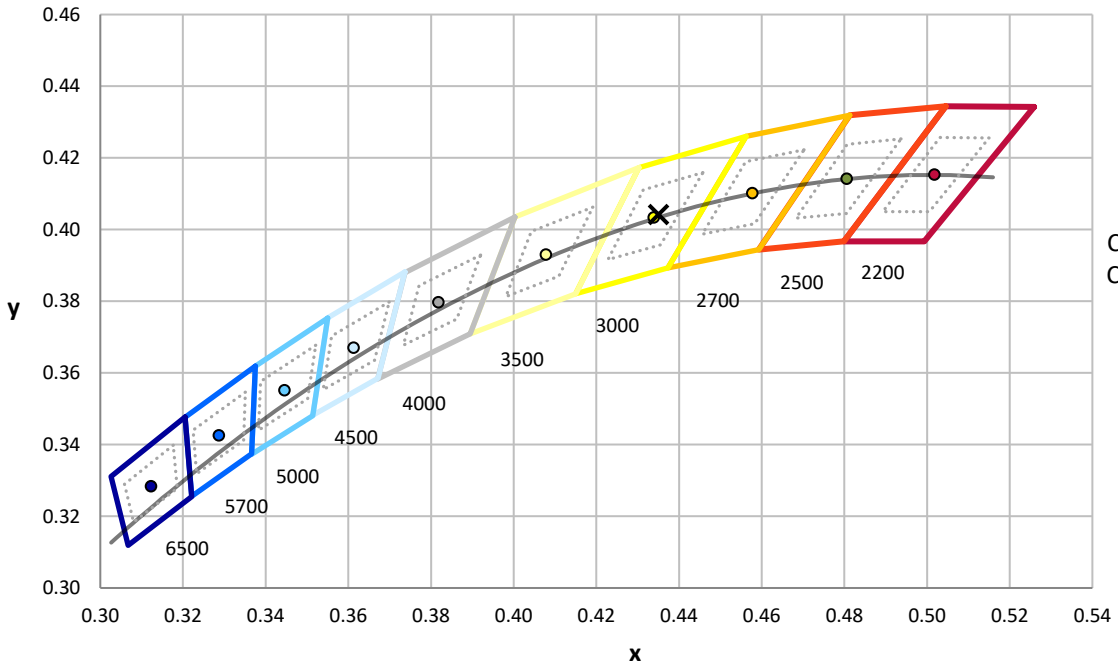
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2024	6/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2504-409-28

CIE 1931 Chromaticity Diagram



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

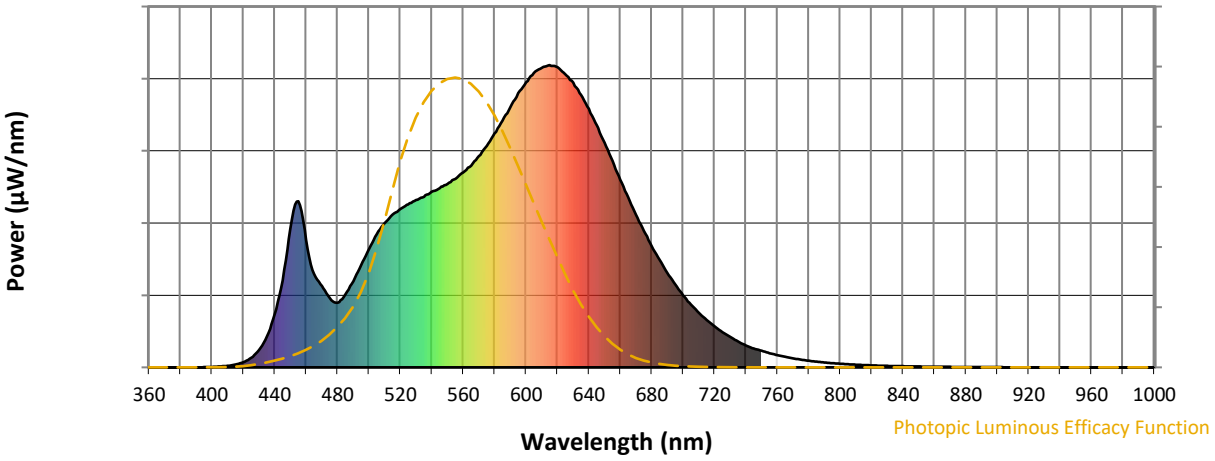


CCT = 3032K
CIE x = 0.4351
CIE y = 0.4042
Duv = 0.0003

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2504-409-28

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	285	NR	620	993	NR	750	55	NR	880	1	NR
365	0	NR	495	338	NR	625	970	NR	755	47	NR	885	1	NR
370	0	NR	500	392	NR	630	942	NR	760	41	NR	890	1	NR
375	0	NR	505	440	NR	635	902	NR	765	35	NR	895	1	NR
380	0	NR	510	478	NR	640	855	NR	770	30	NR	900	1	NR
385	0	NR	515	505	NR	645	800	NR	775	26	NR	905	1	NR
390	0	NR	520	524	NR	650	743	NR	780	22	NR	910	0	NR
395	1	NR	525	539	NR	655	682	NR	785	19	NR	915	0	NR
400	2	NR	530	554	NR	660	621	NR	790	16	NR	920	0	NR
405	3	NR	535	565	NR	665	563	NR	795	14	NR	925	1	NR
410	5	NR	540	581	NR	670	505	NR	800	12	NR	930	0	NR
415	10	NR	545	593	NR	675	451	NR	805	10	NR	935	0	NR
420	17	NR	550	606	NR	680	401	NR	810	9	NR	940	0	NR
425	32	NR	555	623	NR	685	356	NR	815	8	NR	945	0	NR
430	57	NR	560	645	NR	690	313	NR	820	7	NR	950	0	NR
435	103	NR	565	667	NR	695	274	NR	825	6	NR	955	0	NR
440	175	NR	570	699	NR	700	238	NR	830	5	NR	960	0	NR
445	287	NR	575	732	NR	705	208	NR	835	4	NR	965	0	NR
450	460	NR	580	774	NR	710	180	NR	840	4	NR	970	0	NR
455	550	NR	585	816	NR	715	157	NR	845	3	NR	975	0	NR
460	423	NR	590	862	NR	720	136	NR	850	3	NR	980	0	NR
465	309	NR	595	907	NR	725	117	NR	855	2	NR	985	0	NR
470	269	NR	600	943	NR	730	100	NR	860	2	NR	990	0	NR
475	229	NR	605	974	NR	735	86	NR	865	2	NR	995	0	NR
480	214	NR	610	991	NR	740	72	NR	870	2	NR	1000	0	NR
485	241	NR	615	1000	NR	745	62	NR	875	1	NR			

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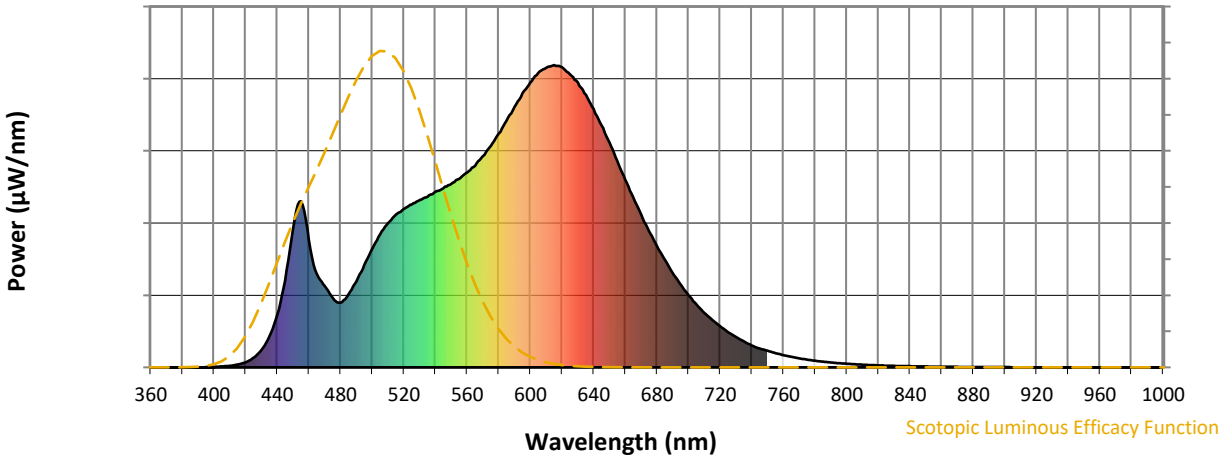
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.44**

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	285	NR	620	993	NR	750	55	NR	880	1	NR
365	0	NR	495	338	NR	625	970	NR	755	47	NR	885	1	NR
370	0	NR	500	392	NR	630	942	NR	760	41	NR	890	1	NR
375	0	NR	505	440	NR	635	902	NR	765	35	NR	895	1	NR
380	0	NR	510	478	NR	640	855	NR	770	30	NR	900	1	NR
385	0	NR	515	505	NR	645	800	NR	775	26	NR	905	1	NR
390	0	NR	520	524	NR	650	743	NR	780	22	NR	910	0	NR
395	1	NR	525	539	NR	655	682	NR	785	19	NR	915	0	NR
400	2	NR	530	554	NR	660	621	NR	790	16	NR	920	0	NR
405	3	NR	535	565	NR	665	563	NR	795	14	NR	925	1	NR
410	5	NR	540	581	NR	670	505	NR	800	12	NR	930	0	NR
415	10	NR	545	593	NR	675	451	NR	805	10	NR	935	0	NR
420	17	NR	550	606	NR	680	401	NR	810	9	NR	940	0	NR
425	32	NR	555	623	NR	685	356	NR	815	8	NR	945	0	NR
430	57	NR	560	645	NR	690	313	NR	820	7	NR	950	0	NR
435	103	NR	565	667	NR	695	274	NR	825	6	NR	955	0	NR
440	175	NR	570	699	NR	700	238	NR	830	5	NR	960	0	NR
445	287	NR	575	732	NR	705	208	NR	835	4	NR	965	0	NR
450	460	NR	580	774	NR	710	180	NR	840	4	NR	970	0	NR
455	550	NR	585	816	NR	715	157	NR	845	3	NR	975	0	NR
460	423	NR	590	862	NR	720	136	NR	850	3	NR	980	0	NR
465	309	NR	595	907	NR	725	117	NR	855	2	NR	985	0	NR
470	269	NR	600	943	NR	730	100	NR	860	2	NR	990	0	NR
475	229	NR	605	974	NR	735	86	NR	865	2	NR	995	0	NR
480	214	NR	610	991	NR	740	72	NR	870	2	NR	1000	0	NR
485	241	NR	615	1000	NR	745	62	NR	875	1	NR			

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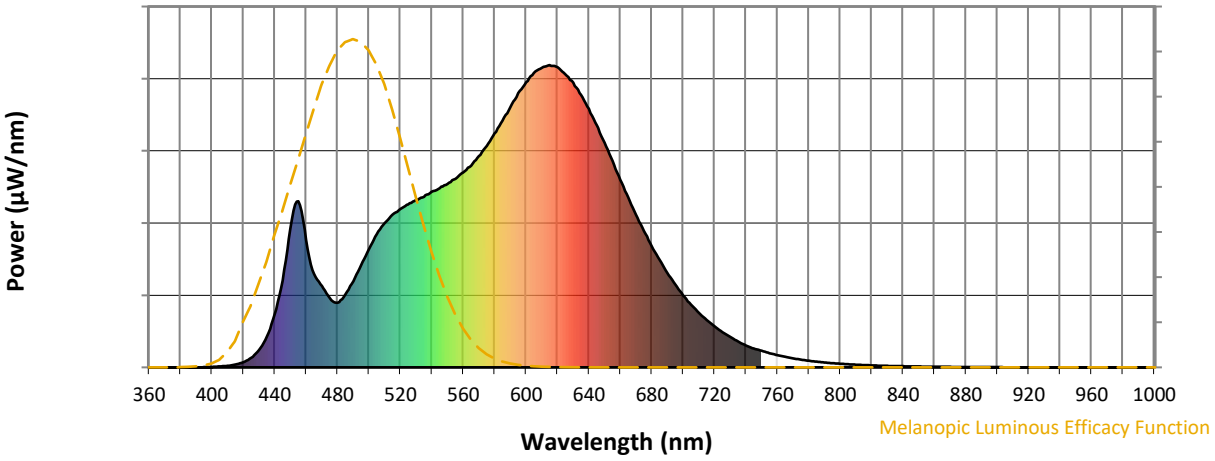
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.84**

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	285	NR	620	993	NR	750	55	NR	880	1	NR
365	0	NR	495	338	NR	625	970	NR	755	47	NR	885	1	NR
370	0	NR	500	392	NR	630	942	NR	760	41	NR	890	1	NR
375	0	NR	505	440	NR	635	902	NR	765	35	NR	895	1	NR
380	0	NR	510	478	NR	640	855	NR	770	30	NR	900	1	NR
385	0	NR	515	505	NR	645	800	NR	775	26	NR	905	1	NR
390	0	NR	520	524	NR	650	743	NR	780	22	NR	910	0	NR
395	1	NR	525	539	NR	655	682	NR	785	19	NR	915	0	NR
400	2	NR	530	554	NR	660	621	NR	790	16	NR	920	0	NR
405	3	NR	535	565	NR	665	563	NR	795	14	NR	925	1	NR
410	5	NR	540	581	NR	670	505	NR	800	12	NR	930	0	NR
415	10	NR	545	593	NR	675	451	NR	805	10	NR	935	0	NR
420	17	NR	550	606	NR	680	401	NR	810	9	NR	940	0	NR
425	32	NR	555	623	NR	685	356	NR	815	8	NR	945	0	NR
430	57	NR	560	645	NR	690	313	NR	820	7	NR	950	0	NR
435	103	NR	565	667	NR	695	274	NR	825	6	NR	955	0	NR
440	175	NR	570	699	NR	700	238	NR	830	5	NR	960	0	NR
445	287	NR	575	732	NR	705	208	NR	835	4	NR	965	0	NR
450	460	NR	580	774	NR	710	180	NR	840	4	NR	970	0	NR
455	550	NR	585	816	NR	715	157	NR	845	3	NR	975	0	NR
460	423	NR	590	862	NR	720	136	NR	850	3	NR	980	0	NR
465	309	NR	595	907	NR	725	117	NR	855	2	NR	985	0	NR
470	269	NR	600	943	NR	730	100	NR	860	2	NR	990	0	NR
475	229	NR	605	974	NR	735	86	NR	865	2	NR	995	0	NR
480	214	NR	610	991	NR	740	72	NR	870	2	NR	1000	0	NR
485	241	NR	615	1000	NR	745	62	NR	875	1	NR			

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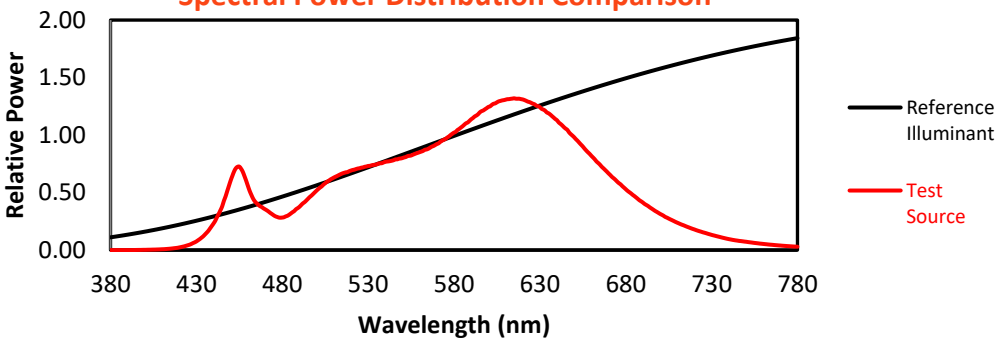
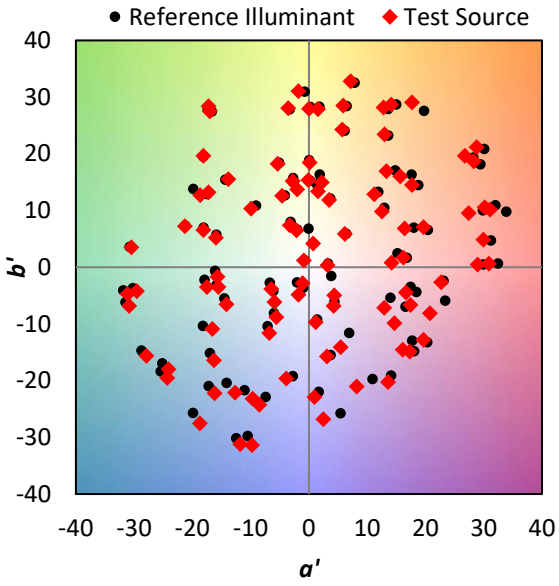
Summary

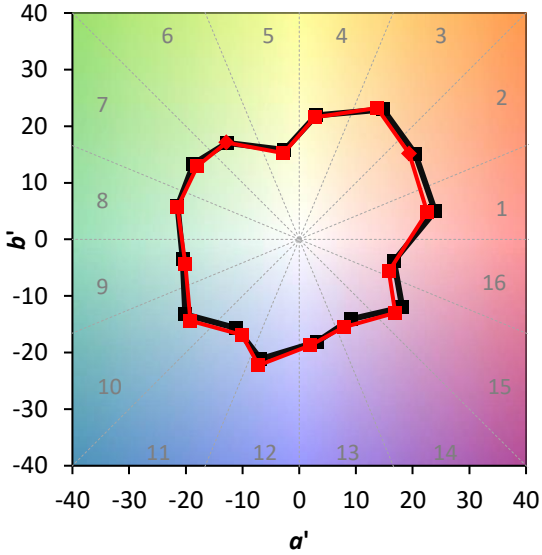
R_f = 91.6
R_g = 98.2
CIE R_a = 92.8
R_9 = 51.3

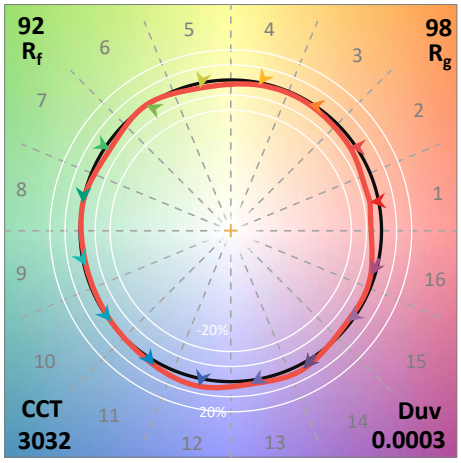
Spectral Power Distribution Comparison

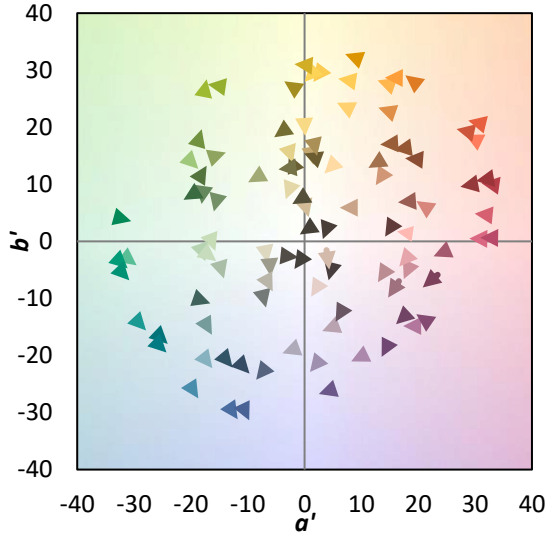


Color Vector Graphics









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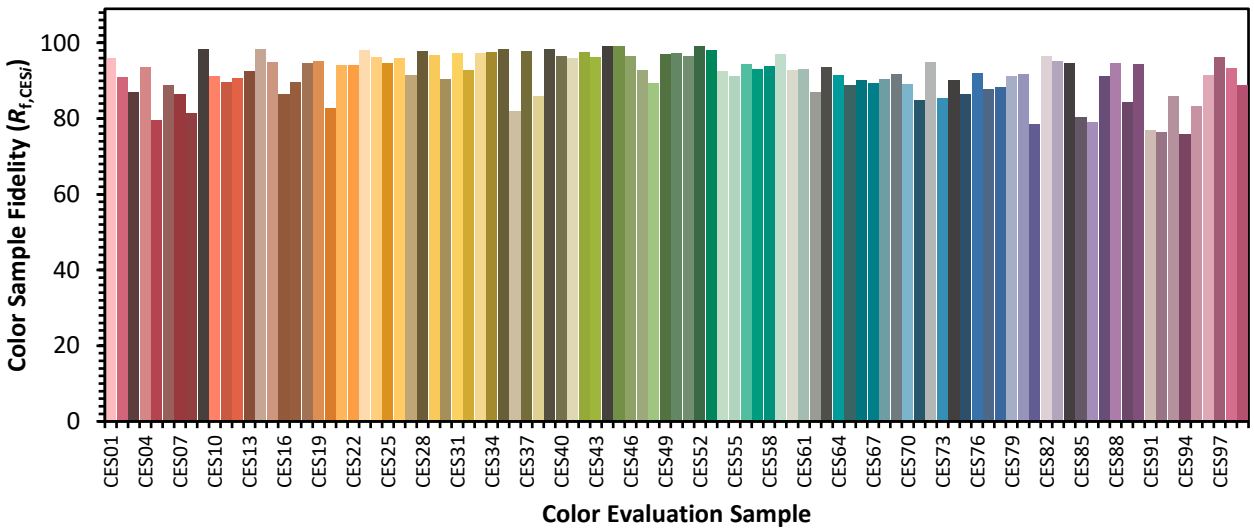
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 96	CES51 = 97	CES76 = 92
CES02 = 63	CES27 = 91	CES52 = 99	CES77 = 88
CES03 = 32	CES28 = 98	CES53 = 98	CES78 = 88
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 91
CES05 = 50	CES30 = 90	CES55 = 91	CES80 = 92
CES06 = 51	CES31 = 97	CES56 = 94	CES81 = 78
CES07 = 43	CES32 = 93	CES57 = 93	CES82 = 96
CES08 = 42	CES33 = 97	CES58 = 94	CES83 = 95
CES09 = 29	CES34 = 97	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 98	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 82	CES61 = 93	CES86 = 79
CES12 = 65	CES37 = 98	CES62 = 87	CES87 = 91
CES13 = 44	CES38 = 86	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 98	CES64 = 92	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 89	CES90 = 94
CES16 = 48	CES41 = 96	CES66 = 90	CES91 = 77
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 76
CES18 = 57	CES43 = 96	CES68 = 91	CES93 = 86
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 76
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 83
CES21 = 86	CES46 = 96	CES71 = 85	CES96 = 91
CES22 = 79	CES47 = 93	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 89	CES73 = 85	CES98 = 93
CES24 = 90	CES49 = 97	CES74 = 90	CES99 = 89
CES25 = 72	CES50 = 97	CES75 = 86	



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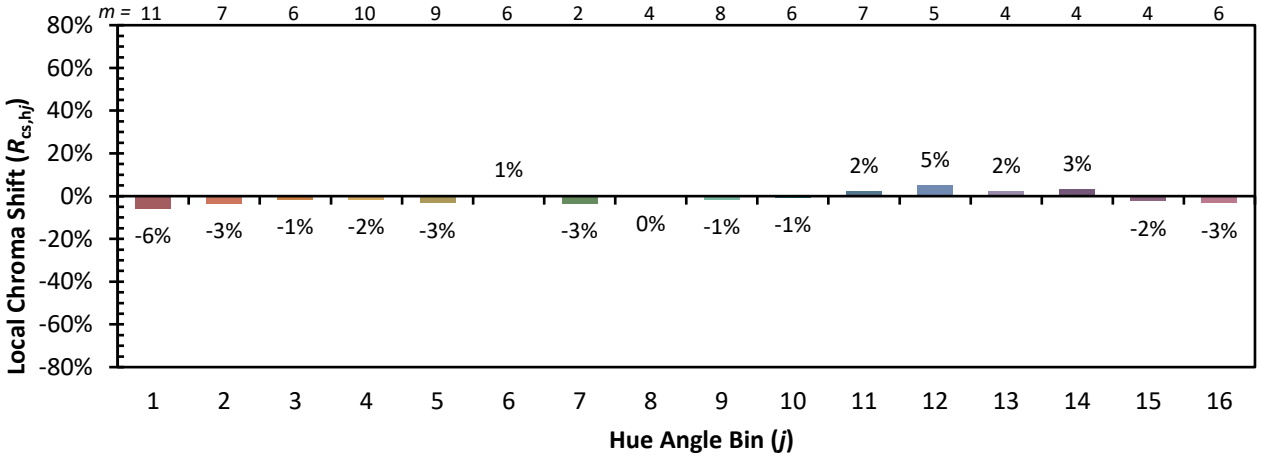
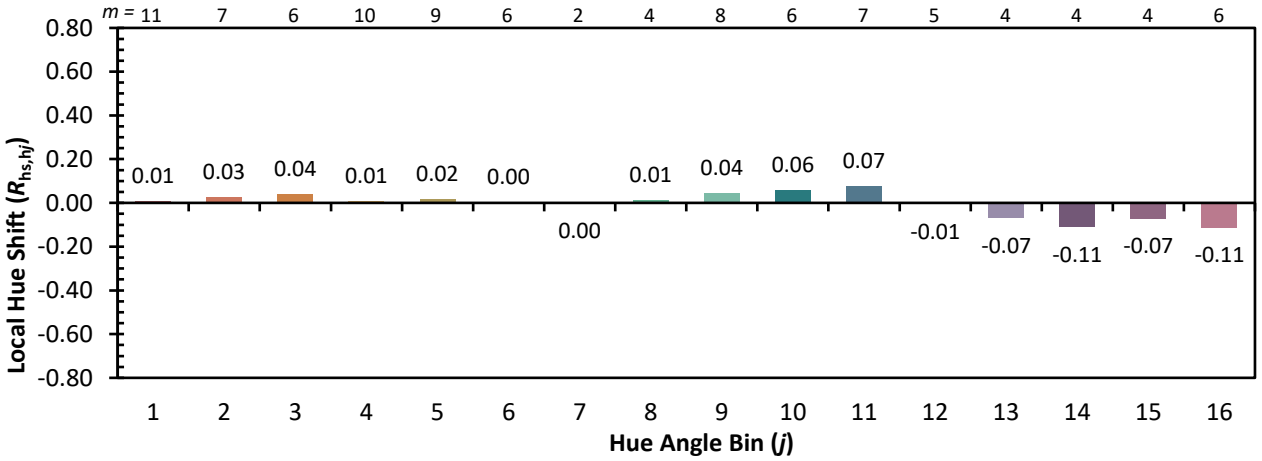
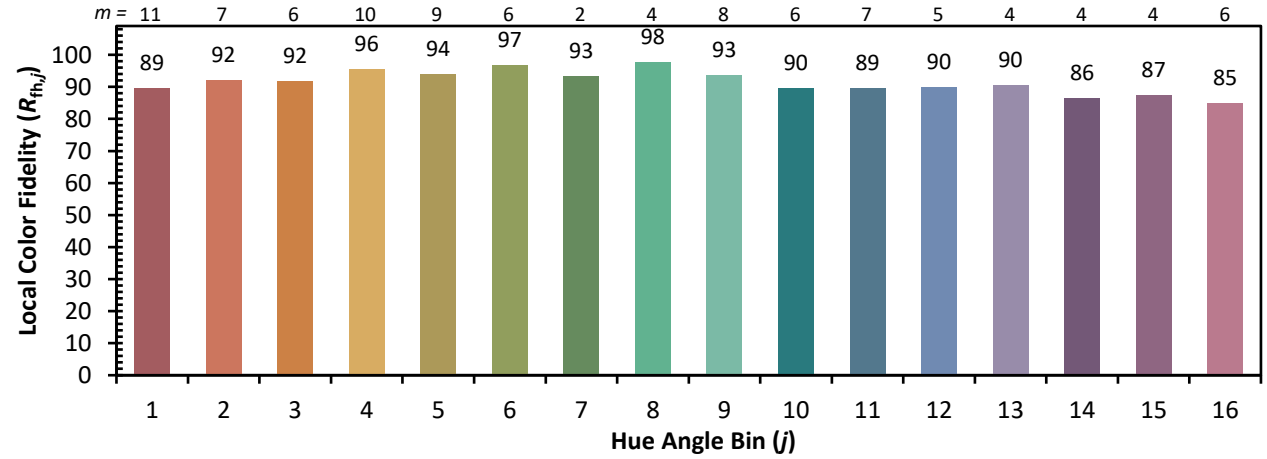
Color Rendition by Hue-Angle Bin







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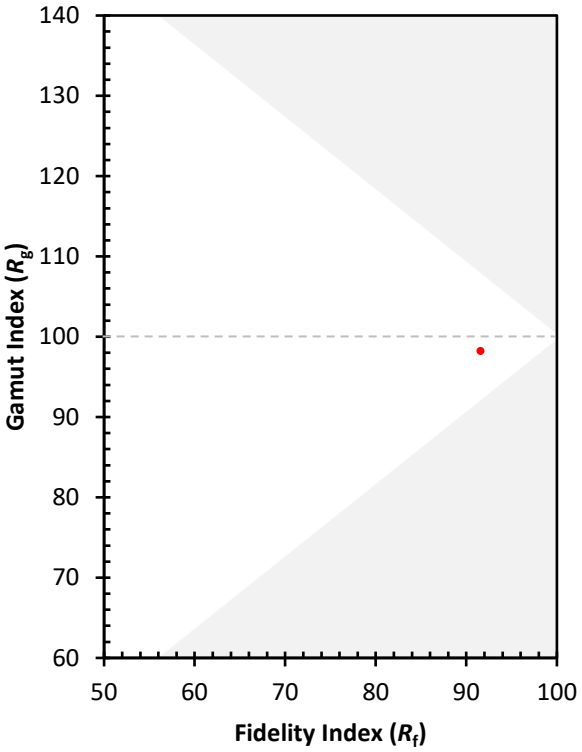
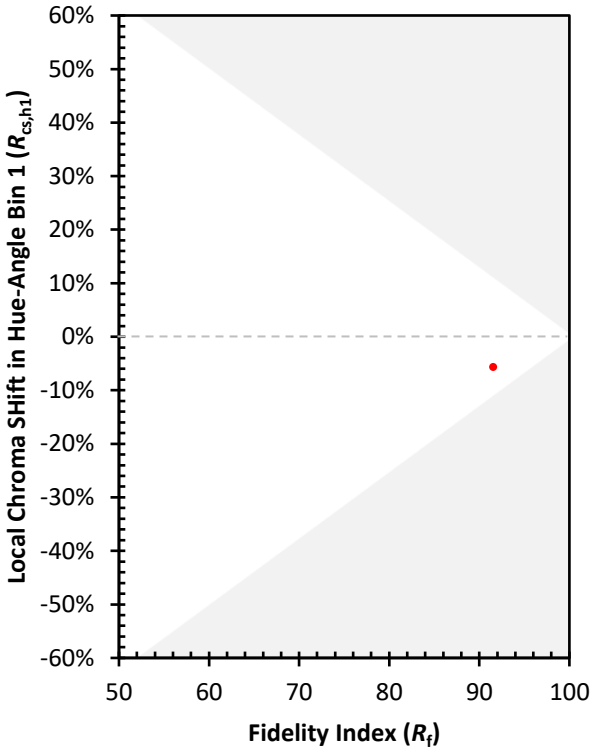
Measure Comparisons





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