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: P1259086

Luminaire Tested: P3A02R709050DE010 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:	P1259086
	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:	P3A02R709050DE010 E3LSWW1H
Description:	3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3LSWW1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	135.0 lumens
Efficiency:	N/A
Efficacy:	37.5 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):	3.6
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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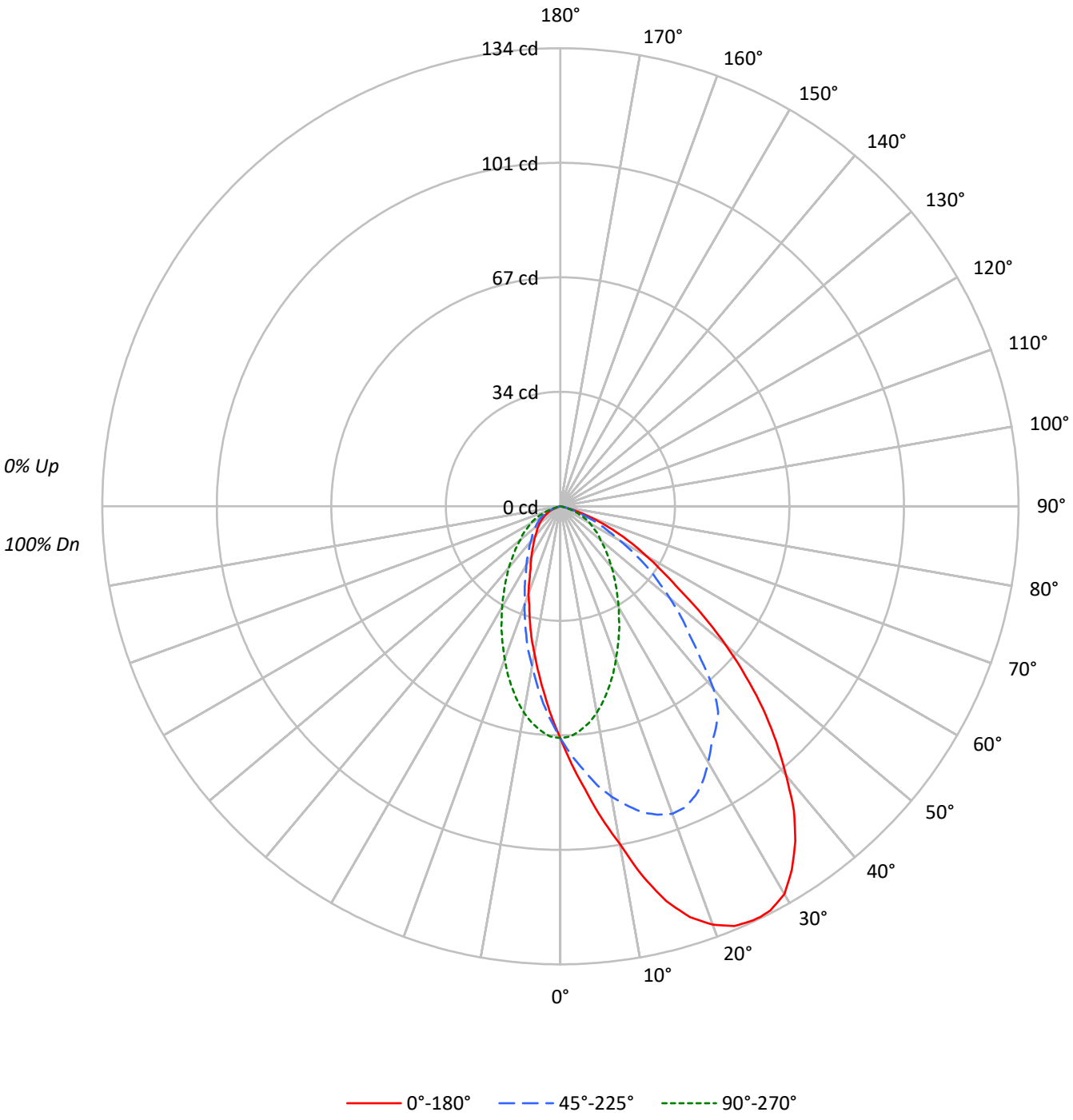
Luminous Intensity Polar Plot



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CATALOG NUMBER: P3A02R709050DE010 E3LSWW1H

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°	14867	14867	14867	14867	14867
5°	18292	17015	14506	12723	12062
10°	22333	19194	13649	10577	9730
15°	27128	21044	12440	8786	7832
20°	30383	22332	11084	7141	6347
25°	32324	22598	9823	5928	5008
30°	33170	21902	8634	5039	4254
35°	32070	21228	7576	4310	3694
40°	29369	19952	6698	3836	3292
45°	26018	16622	5923	3566	2977
50°	21560	14226	5219	3275	2729
55°	16248	11851	4817	3058	2485
60°	12762	8903	4386	2851	2193
65°	9547	6538	3788	2387	1764
70°	6155	4167	2693	1731	962
75°	2626	2288	1271	678	339
80°	505	505	0	0	0
85°	0	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 26018 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	4.8
10°-20°	18.5	13.7
20°-30°	27.1	20.0
30°-40°	29.5	21.8
40°-50°	25.5	18.9
50°-60°	17.1	12.7
60°-70°	8.8	6.5
70°-80°	2.1	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°	52.0	38.5
0°-40°	81.5	60.3
0°-60°	124.1	91.9
0°-90°	135.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	135.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	68	68	68	68	68	
5°	83	77	66	58	55	8
15°	120	93	55	39	34	34
25°	134	93	41	24	21	61
35°	120	79	28	16	14	74
45°	84	54	19	12	10	64
55°	42	31	13	8	6	39
65°	18	13	7	5	3	19
75°	3	3	2	1	0	4
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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
2.5°	75.4	75.0	75.0	74.3	73.5	72.8	71.6	70.5	69.3	68.2	67.4
5°	83.1	83.5	83.1	81.6	79.6	77.3	75.0	72.4	69.7	67.4	65.9
7.5°	91.9	91.9	90.7	88.8	86.2	82.3	78.5	73.9	69.7	65.9	63.9
10°	100.3	100.3	98.4	95.3	91.1	86.2	80.8	74.7	68.9	63.6	61.3
12.5°	110.7	110.3	108.0	103.0	96.9	89.6	82.3	74.7	67.8	61.3	58.2
15°	119.5	119.1	116.0	109.9	101.9	92.7	82.7	73.9	65.5	58.2	54.8
17.5°	126.0	125.2	121.8	115.3	106.1	94.6	83.1	72.4	62.8	54.8	51.3
20°	130.2	129.8	126.0	118.3	108.4	95.7	82.7	70.5	60.1	51.3	47.5
22.5°	132.9	132.1	128.3	119.8	108.4	95.3	81.2	67.8	56.7	47.9	44.0
25°	133.6	133.2	128.7	119.5	107.2	93.4	78.9	65.1	53.2	44.4	40.6
26°	133.6	133.2	128.7	119.1	106.4	92.3	77.7	63.9	52.1	42.9	39.4
27.5°	133.2	132.9	127.9	117.9	104.9	90.4	75.4	61.6	49.8	41.0	37.1
30°	131.0	130.2	125.2	115.3	101.5	86.5	71.6	58.2	46.3	37.5	34.1
32.5°	126.0	125.2	119.8	110.7	97.6	82.3	67.4	54.4	42.9	34.1	31.0
35°	119.8	119.1	113.7	104.9	92.3	79.3	62.8	50.2	39.1	31.4	28.3
37.5°	112.2	111.0	106.4	97.3	85.8	75.8	59.0	45.9	35.6	28.3	25.7
40°	102.6	102.2	98.0	89.6	78.1	69.7	56.7	45.9	32.5	25.7	23.4
42.5°	93.4	92.7	88.8	81.6	71.2	60.9	49.8	44.0	30.2	23.0	21.1
45°	83.9	83.1	79.6	73.5	63.9	53.6	53.6	37.9	26.0	21.1	19.1
47.5°	73.5	72.8	70.1	65.5	57.1	47.9	39.1	31.0	23.7	18.8	17.2
50°	63.2	63.6	61.3	56.7	50.2	41.7	33.7	26.0	20.3	16.8	15.3
52.5°	52.8	52.5	50.9	47.9	43.3	36.0	28.7	22.2	17.6	14.9	14.2
55°	42.5	42.9	42.1	40.2	36.4	31.0	24.1	19.1	15.7	13.4	12.6
57.5°	35.2	35.6	34.1	32.9	29.9	25.3	19.9	16.1	13.4	11.9	11.1
60°	29.1	29.5	28.3	26.8	24.5	20.3	16.1	13.4	11.9	10.7	10.0
62.5°	23.7	23.4	22.6	21.1	19.1	16.1	13.0	11.1	10.0	9.2	8.8
65°	18.4	18.4	17.6	16.5	14.9	12.6	10.3	9.2	8.4	7.7	7.3
67.5°	13.8	13.8	13.0	12.3	10.7	9.2	8.0	7.3	6.9	6.1	5.7
70°	9.6	9.6	9.2	8.8	7.7	6.5	6.1	5.4	5.0	4.6	4.2
72.5°	6.1	6.1	6.1	5.4	5.0	4.2	4.2	3.8	3.4	3.1	3.1
75°	3.1	3.4	3.1	3.1	2.7	2.7	2.3	2.3	1.9	1.9	1.5
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.8	0.8	0.8	0.8
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P1259086
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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
2.5°	66.6	65.5	64.7	63.6	62.8	62.0	61.6	61.3	61.3	61.3
5°	64.7	62.8	60.9	59.0	57.8	56.7	55.5	55.1	54.8	54.8
7.5°	62.4	59.3	56.7	54.4	52.5	51.3	50.2	49.4	49.0	49.0
10°	59.3	55.5	52.5	49.4	47.5	45.9	45.2	44.0	44.0	43.7
12.5°	55.9	51.3	47.9	45.2	43.3	41.4	40.2	39.4	39.1	39.1
15°	52.1	47.5	43.7	40.6	38.7	36.8	35.6	34.8	34.5	34.5
17.5°	48.2	43.3	39.4	36.4	34.5	32.5	31.4	30.6	30.6	30.2
20°	44.4	39.4	35.6	32.5	30.6	29.1	28.0	27.2	26.8	27.2
22.5°	41.0	36.0	32.2	29.5	27.2	25.7	24.5	24.1	23.7	23.7
25°	*37.1*	*32.5*	*29.1*	*26.4*	*24.5*	*23.0*	*21.8*	*21.4*	*21.1*	*20.7*
26°	36.0	31.4	28.0	25.3	23.4	21.8	21.1	20.3	19.9	19.9
27.5°	34.5	29.5	26.4	23.7	21.8	20.7	19.5	19.1	18.8	18.8
30°	31.0	26.8	23.7	21.4	19.9	18.4	17.6	17.2	16.8	16.8
32.5°	28.3	24.1	21.4	19.5	18.0	16.8	16.1	15.3	15.3	15.3
35°	25.7	21.8	19.5	17.6	16.1	14.9	14.6	14.2	13.8	13.8
37.5°	23.4	19.9	17.6	16.1	14.9	13.8	13.0	12.6	12.6	12.6
40°	21.1	18.4	16.1	14.6	13.4	12.6	11.9	11.5	11.5	11.5
42.5°	19.1	16.5	14.9	13.4	12.3	11.5	11.1	10.7	10.3	10.3
45°	17.6	15.3	13.4	12.3	11.5	10.7	10.0	9.6	9.6	9.6
47.5°	15.7	14.2	12.3	11.1	10.3	9.6	9.2	8.8	8.8	8.8
50°	14.6	13.0	11.5	10.3	9.6	8.8	8.4	8.0	8.0	8.0
52.5°	13.0	11.9	10.7	9.6	8.8	8.0	7.7	7.3	7.3	7.3
55°	11.9	10.7	9.6	8.8	8.0	7.3	6.9	6.5	6.5	6.5
57.5°	10.7	9.6	8.8	8.0	7.3	6.9	6.1	6.1	5.7	5.7
60°	9.6	8.4	7.7	7.3	6.5	6.1	5.4	5.0	5.0	5.0
62.5°	8.0	7.7	6.9	6.1	5.4	5.0	4.6	4.2	4.2	4.2
65°	6.9	6.5	5.7	5.0	4.6	4.2	3.8	3.4	3.4	3.4
67.5°	5.7	5.0	4.6	4.2	3.8	3.4	3.1	2.7	2.3	2.7
70°	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.9	1.5	1.5
72.5°	2.7	2.3	2.3	1.9	1.5	1.5	1.1	1.1	0.8	0.8
75°	1.5	1.5	1.1	1.1	0.8	0.8	0.4	0.4	0.4	0.4
77.5°	0.8	0.4	0.4	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: SP1-2504-409-15

Test Date: 05/14/2025

Luminaire Tested: LD3A10R129050D010 E3D1H

Data in this report applies to families of products including LD3A

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

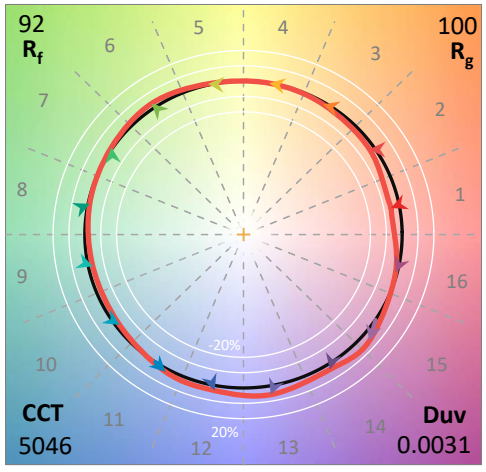
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2504-409-15
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	05/18/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	**LD3A10R129050D010 E3D1H**
Description:	3in Adjustabled LED luminaire with, R12 optic, 5000K CCT AND, 90CRI LEDS, E3D1H TRIM

Spectral Parameters

CCT (K):	5046
CIE u':	0.2088
CIE v':	0.4872
Duv:	0.0031
CIE x:	0.3444
CIE y:	0.3571
CIE z:	0.2985
Peak Wavelength (nm):	451
Dominant Wavelength (nm):	569
Purity:	10.48811
Rf:	91.5
Rg:	100.4

CRI (Ra):	92.6				
R1:	93.5	R9:	54.8		
R2:	94.3	R10:	86.7		
R3:	95.0	R11:	94.1		
R4:	94.2	R12:	76.8		
R5:	93.6	R13:	93.9		
R6:	92.5	R14:	97.2		
R7:	93.4	R15:	89.2		
R8:	84.3				



Test Conditions

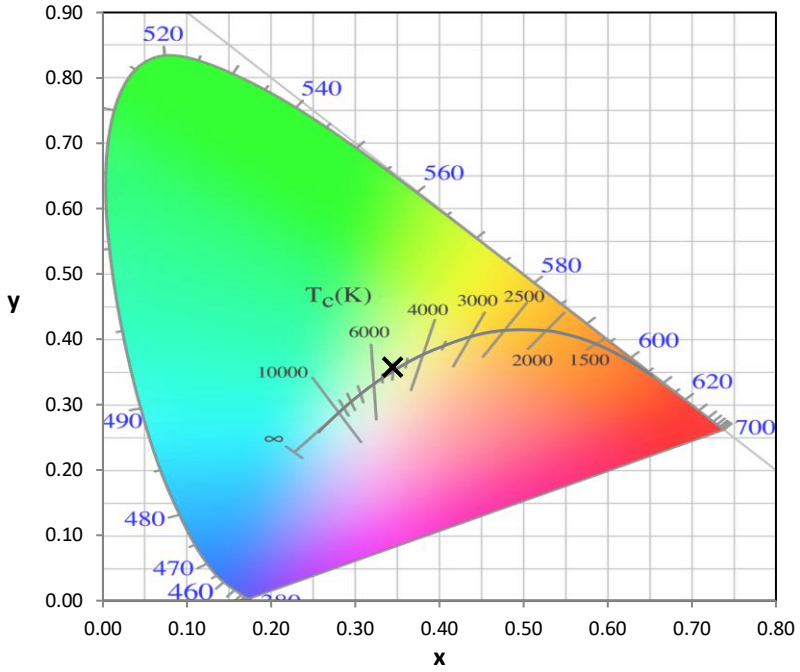
Stabilization Time:	48M
Operation Time:	1H 48M
Sphere Temperature (°C):	25.3

REPORT NUMBER: SP1-2504-409-15

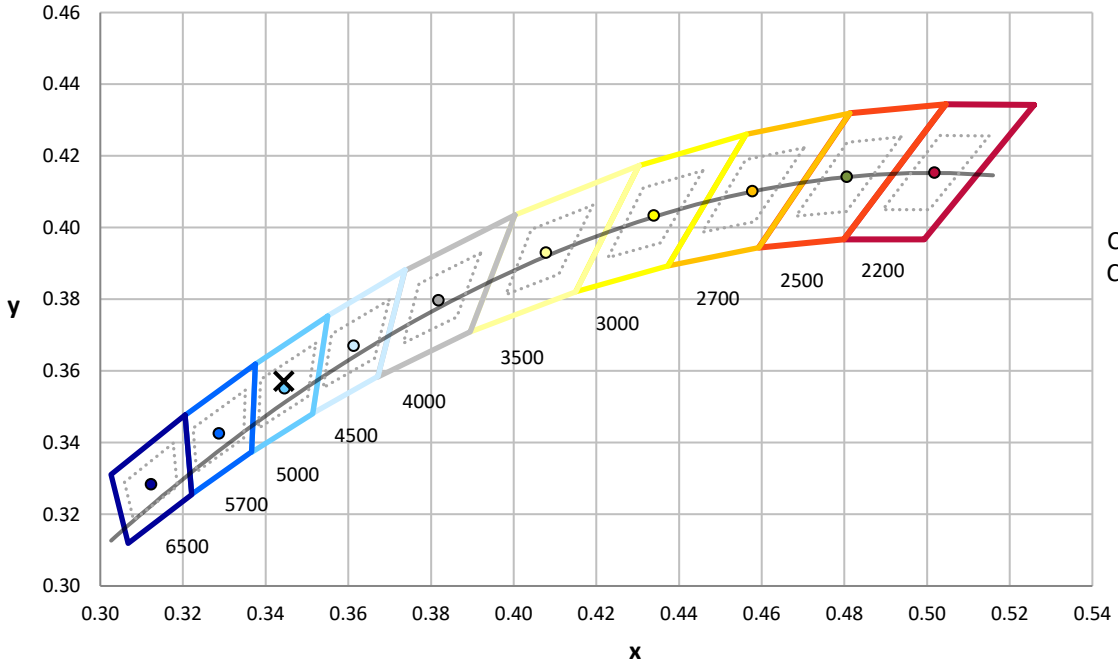
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2504-409-15

CIE 1931 Chromaticity Diagram



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

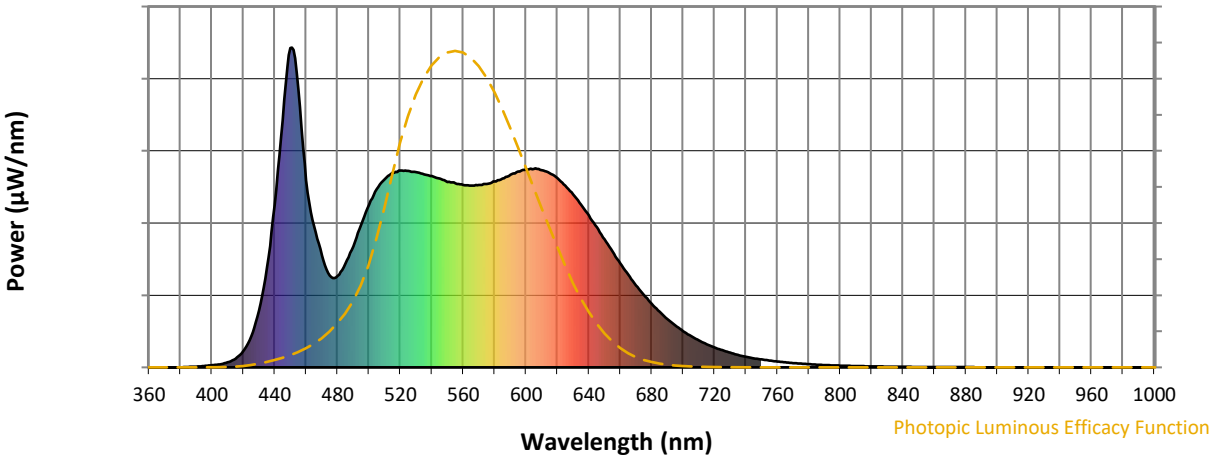


CCT = 5046K
CIE x = 0.3444
CIE y = 0.3571
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2504-409-15

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	379	NR	620	592	NR	750	25	NR	880	1	NR
365	0	NR	495	445	NR	625	568	NR	755	21	NR	885	1	NR
370	0	NR	500	509	NR	630	540	NR	760	18	NR	890	0	NR
375	0	NR	505	557	NR	635	509	NR	765	16	NR	895	0	NR
380	0	NR	510	589	NR	640	476	NR	770	13	NR	900	0	NR
385	1	NR	515	608	NR	645	439	NR	775	12	NR	905	0	NR
390	2	NR	520	616	NR	650	400	NR	780	10	NR	910	0	NR
395	4	NR	525	614	NR	655	362	NR	785	8	NR	915	0	NR
400	7	NR	530	611	NR	660	325	NR	790	7	NR	920	0	NR
405	9	NR	535	604	NR	665	290	NR	795	6	NR	925	0	NR
410	16	NR	540	598	NR	670	257	NR	800	5	NR	930	0	NR
415	27	NR	545	591	NR	675	227	NR	805	5	NR	935	0	NR
420	51	NR	550	580	NR	680	199	NR	810	4	NR	940	0	NR
425	97	NR	555	575	NR	685	174	NR	815	4	NR	945	0	NR
430	177	NR	560	570	NR	690	152	NR	820	3	NR	950	0	NR
435	312	NR	565	569	NR	695	131	NR	825	3	NR	955	0	NR
440	507	NR	570	570	NR	700	113	NR	830	2	NR	960	0	NR
445	772	NR	575	573	NR	705	98	NR	835	2	NR	965	0	NR
450	998	NR	580	581	NR	710	84	NR	840	2	NR	970	0	NR
455	871	NR	585	590	NR	715	73	NR	845	2	NR	975	0	NR
460	586	NR	590	602	NR	720	63	NR	850	1	NR	980	0	NR
465	443	NR	595	612	NR	725	54	NR	855	1	NR	985	0	NR
470	350	NR	600	618	NR	730	46	NR	860	1	NR	990	0	NR
475	288	NR	605	620	NR	735	39	NR	865	1	NR	995	0	NR
480	286	NR	610	616	NR	740	33	NR	870	1	NR	1000	0	NR
485	325	NR	615	608	NR	745	28	NR	875	1	NR			

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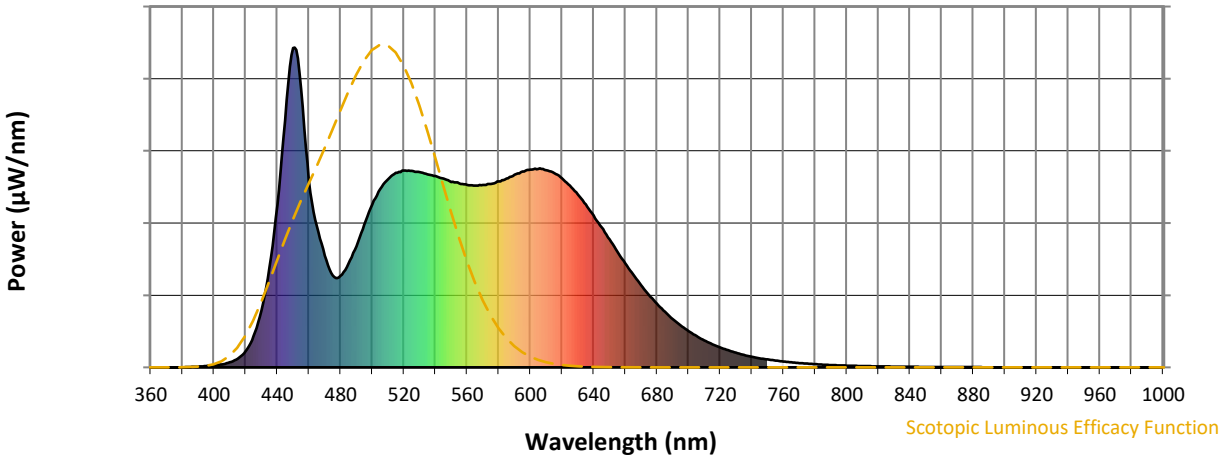
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 2.07**

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	379	NR	620	592	NR	750	25	NR	880	1	NR
365	0	NR	495	445	NR	625	568	NR	755	21	NR	885	1	NR
370	0	NR	500	509	NR	630	540	NR	760	18	NR	890	0	NR
375	0	NR	505	557	NR	635	509	NR	765	16	NR	895	0	NR
380	0	NR	510	589	NR	640	476	NR	770	13	NR	900	0	NR
385	1	NR	515	608	NR	645	439	NR	775	12	NR	905	0	NR
390	2	NR	520	616	NR	650	400	NR	780	10	NR	910	0	NR
395	4	NR	525	614	NR	655	362	NR	785	8	NR	915	0	NR
400	7	NR	530	611	NR	660	325	NR	790	7	NR	920	0	NR
405	9	NR	535	604	NR	665	290	NR	795	6	NR	925	0	NR
410	16	NR	540	598	NR	670	257	NR	800	5	NR	930	0	NR
415	27	NR	545	591	NR	675	227	NR	805	5	NR	935	0	NR
420	51	NR	550	580	NR	680	199	NR	810	4	NR	940	0	NR
425	97	NR	555	575	NR	685	174	NR	815	4	NR	945	0	NR
430	177	NR	560	570	NR	690	152	NR	820	3	NR	950	0	NR
435	312	NR	565	569	NR	695	131	NR	825	3	NR	955	0	NR
440	507	NR	570	570	NR	700	113	NR	830	2	NR	960	0	NR
445	772	NR	575	573	NR	705	98	NR	835	2	NR	965	0	NR
450	998	NR	580	581	NR	710	84	NR	840	2	NR	970	0	NR
455	871	NR	585	590	NR	715	73	NR	845	2	NR	975	0	NR
460	586	NR	590	602	NR	720	63	NR	850	1	NR	980	0	NR
465	443	NR	595	612	NR	725	54	NR	855	1	NR	985	0	NR
470	350	NR	600	618	NR	730	46	NR	860	1	NR	990	0	NR
475	288	NR	605	620	NR	735	39	NR	865	1	NR	995	0	NR
480	286	NR	610	616	NR	740	33	NR	870	1	NR	1000	0	NR
485	325	NR	615	608	NR	745	28	NR	875	1	NR			

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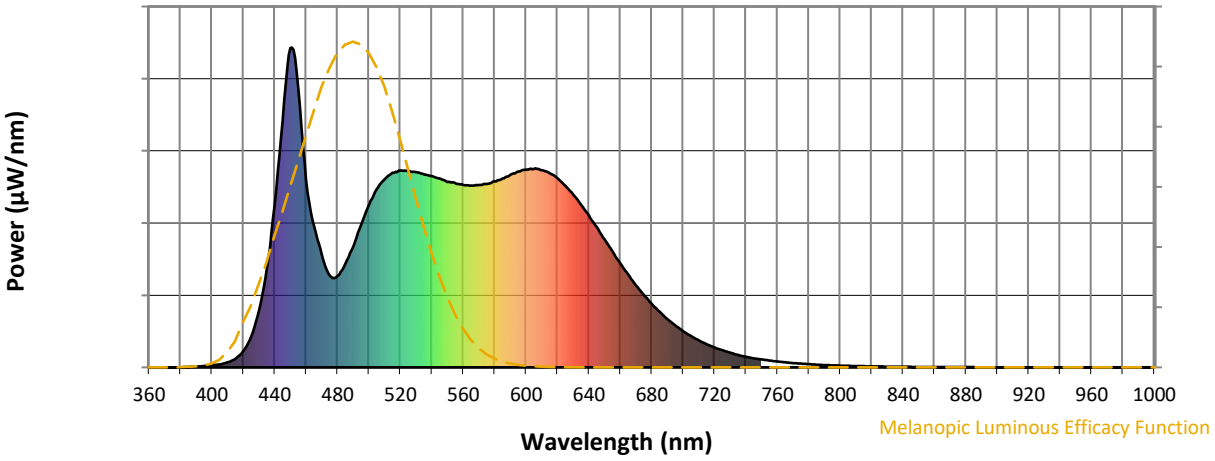
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.43**

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	379	NR	620	592	NR	750	25	NR	880	1	NR
365	0	NR	495	445	NR	625	568	NR	755	21	NR	885	1	NR
370	0	NR	500	509	NR	630	540	NR	760	18	NR	890	0	NR
375	0	NR	505	557	NR	635	509	NR	765	16	NR	895	0	NR
380	0	NR	510	589	NR	640	476	NR	770	13	NR	900	0	NR
385	1	NR	515	608	NR	645	439	NR	775	12	NR	905	0	NR
390	2	NR	520	616	NR	650	400	NR	780	10	NR	910	0	NR
395	4	NR	525	614	NR	655	362	NR	785	8	NR	915	0	NR
400	7	NR	530	611	NR	660	325	NR	790	7	NR	920	0	NR
405	9	NR	535	604	NR	665	290	NR	795	6	NR	925	0	NR
410	16	NR	540	598	NR	670	257	NR	800	5	NR	930	0	NR
415	27	NR	545	591	NR	675	227	NR	805	5	NR	935	0	NR
420	51	NR	550	580	NR	680	199	NR	810	4	NR	940	0	NR
425	97	NR	555	575	NR	685	174	NR	815	4	NR	945	0	NR
430	177	NR	560	570	NR	690	152	NR	820	3	NR	950	0	NR
435	312	NR	565	569	NR	695	131	NR	825	3	NR	955	0	NR
440	507	NR	570	570	NR	700	113	NR	830	2	NR	960	0	NR
445	772	NR	575	573	NR	705	98	NR	835	2	NR	965	0	NR
450	998	NR	580	581	NR	710	84	NR	840	2	NR	970	0	NR
455	871	NR	585	590	NR	715	73	NR	845	2	NR	975	0	NR
460	586	NR	590	602	NR	720	63	NR	850	1	NR	980	0	NR
465	443	NR	595	612	NR	725	54	NR	855	1	NR	985	0	NR
470	350	NR	600	618	NR	730	46	NR	860	1	NR	990	0	NR
475	288	NR	605	620	NR	735	39	NR	865	1	NR	995	0	NR
480	286	NR	610	616	NR	740	33	NR	870	1	NR	1000	0	NR
485	325	NR	615	608	NR	745	28	NR	875	1	NR			

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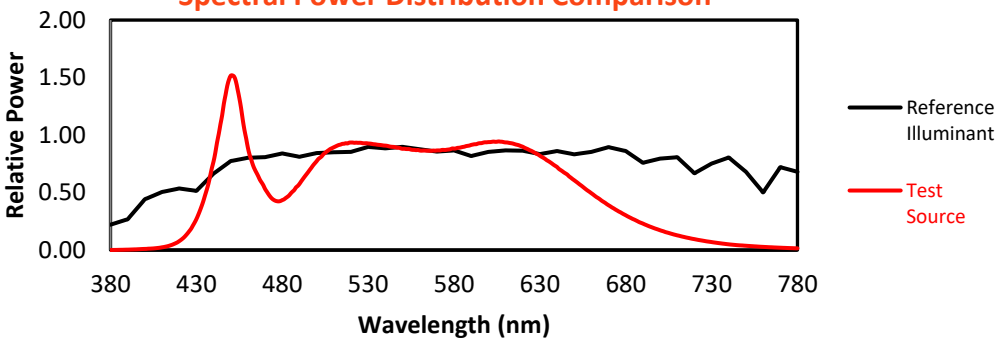
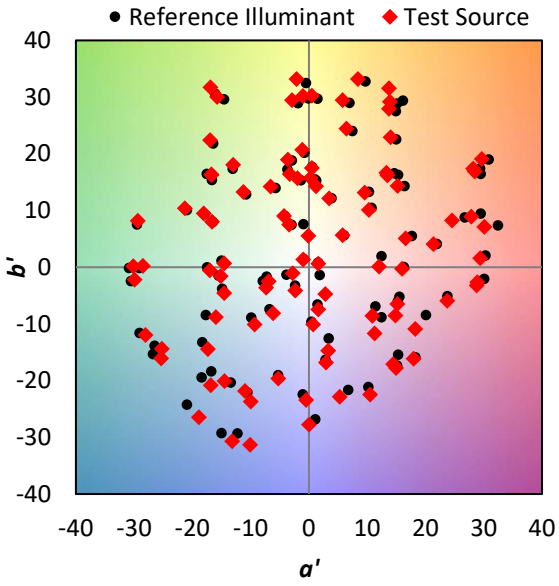
Summary

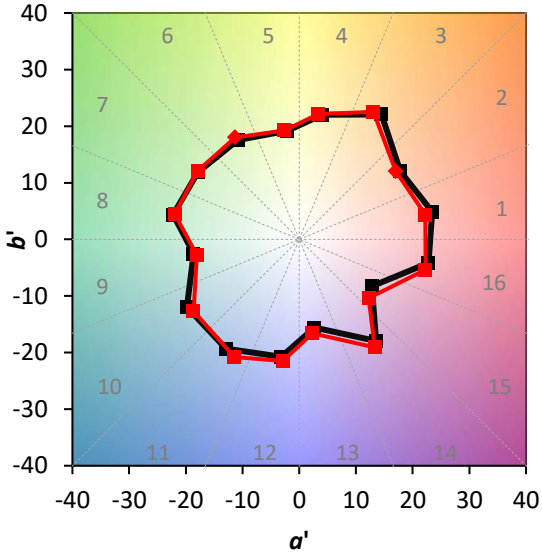
R_f = 91.5
R_g = 100.4
CIE R_a = 92.6
R_9 = 54.8

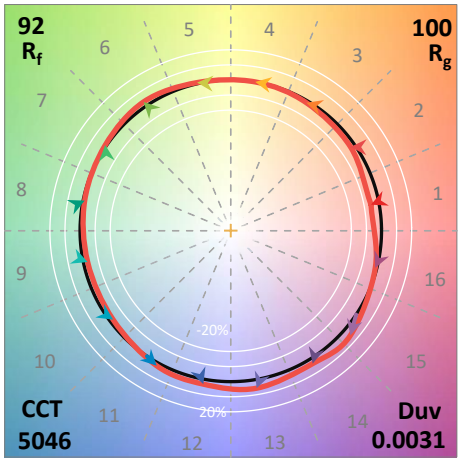
Spectral Power Distribution Comparison

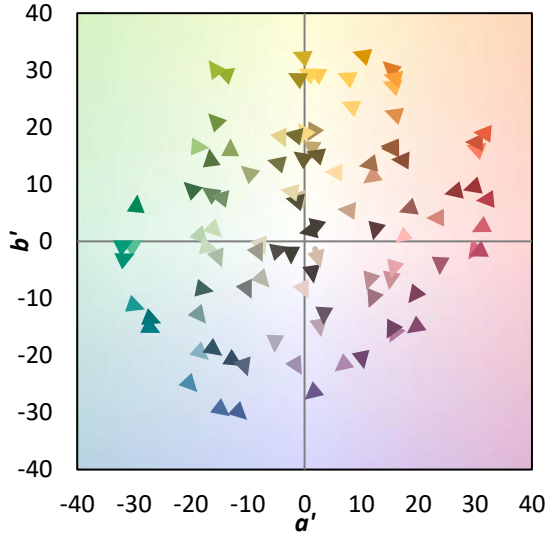


Color Vector Graphics









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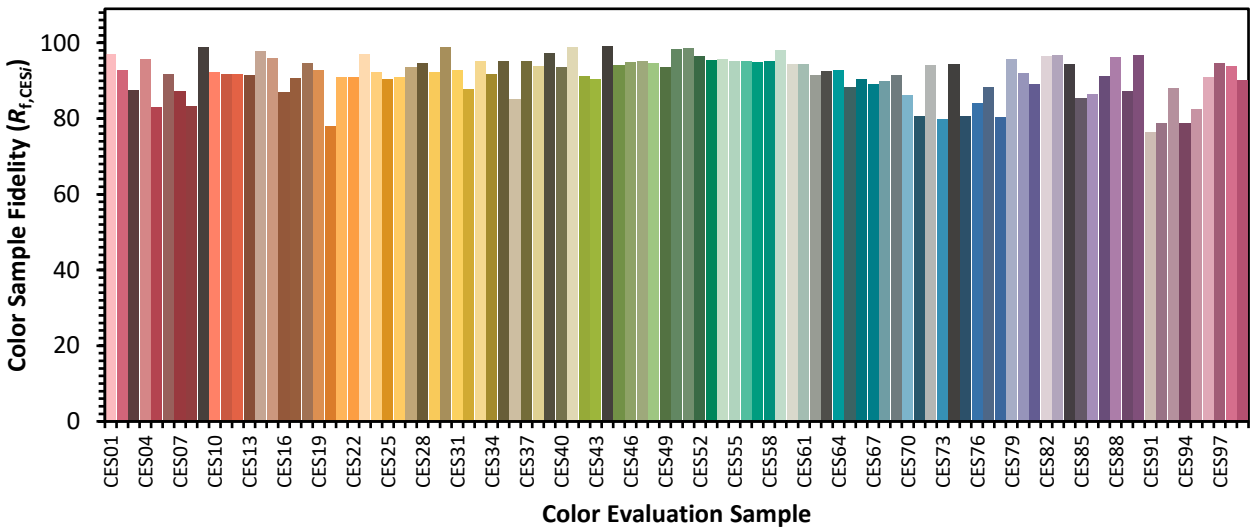
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 91	CES51 = 99	CES76 = 84
CES02 = 60	CES27 = 94	CES52 = 96	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 95	CES78 = 80
CES04 = 68	CES29 = 92	CES54 = 96	CES79 = 96
CES05 = 47	CES30 = 99	CES55 = 95	CES80 = 92
CES06 = 50	CES31 = 93	CES56 = 95	CES81 = 89
CES07 = 40	CES32 = 88	CES57 = 95	CES82 = 96
CES08 = 40	CES33 = 95	CES58 = 95	CES83 = 97
CES09 = 29	CES34 = 92	CES59 = 98	CES84 = 94
CES10 = 73	CES35 = 95	CES60 = 94	CES85 = 85
CES11 = 56	CES36 = 85	CES61 = 94	CES86 = 87
CES12 = 62	CES37 = 95	CES62 = 91	CES87 = 91
CES13 = 42	CES38 = 94	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 97	CES64 = 93	CES89 = 87
CES15 = 71	CES40 = 94	CES65 = 88	CES90 = 97
CES16 = 46	CES41 = 99	CES66 = 90	CES91 = 76
CES17 = 48	CES42 = 91	CES67 = 89	CES92 = 79
CES18 = 56	CES43 = 90	CES68 = 90	CES93 = 88
CES19 = 70	CES44 = 99	CES69 = 91	CES94 = 79
CES20 = 65	CES45 = 94	CES70 = 86	CES95 = 83
CES21 = 84	CES46 = 95	CES71 = 81	CES96 = 91
CES22 = 77	CES47 = 95	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 95	CES73 = 80	CES98 = 94
CES24 = 89	CES49 = 94	CES74 = 94	CES99 = 90
CES25 = 70	CES50 = 98	CES75 = 81	



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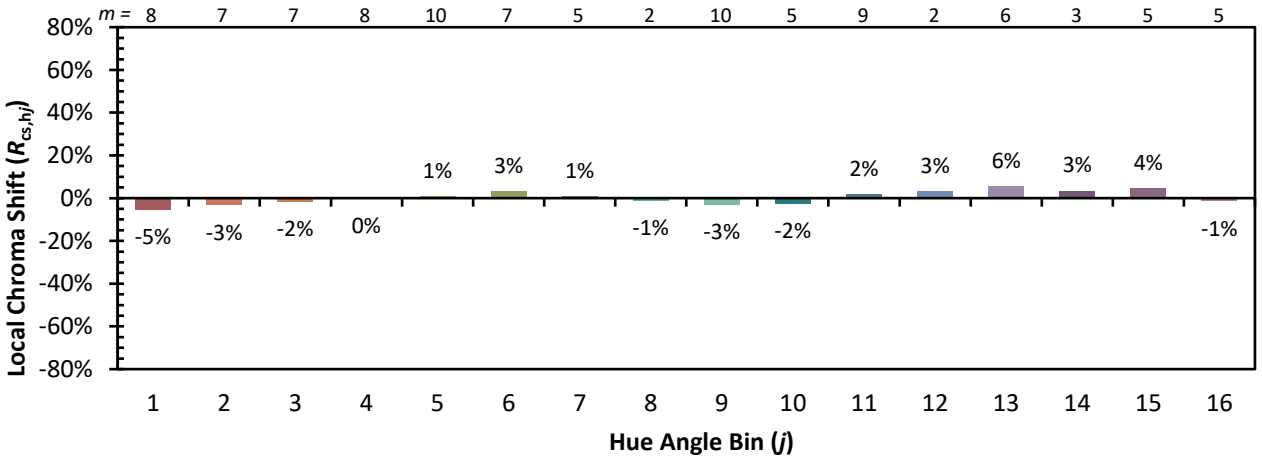
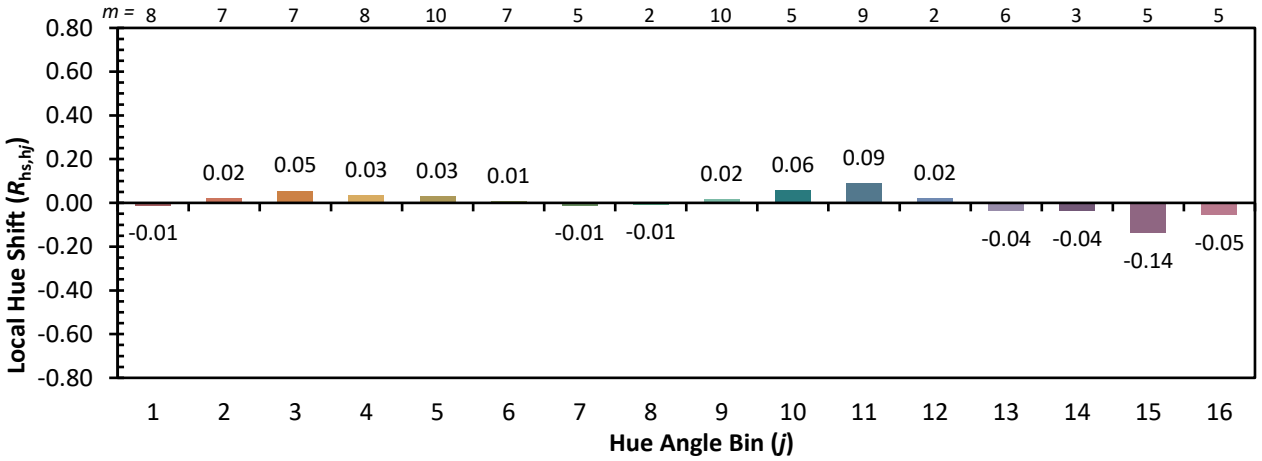
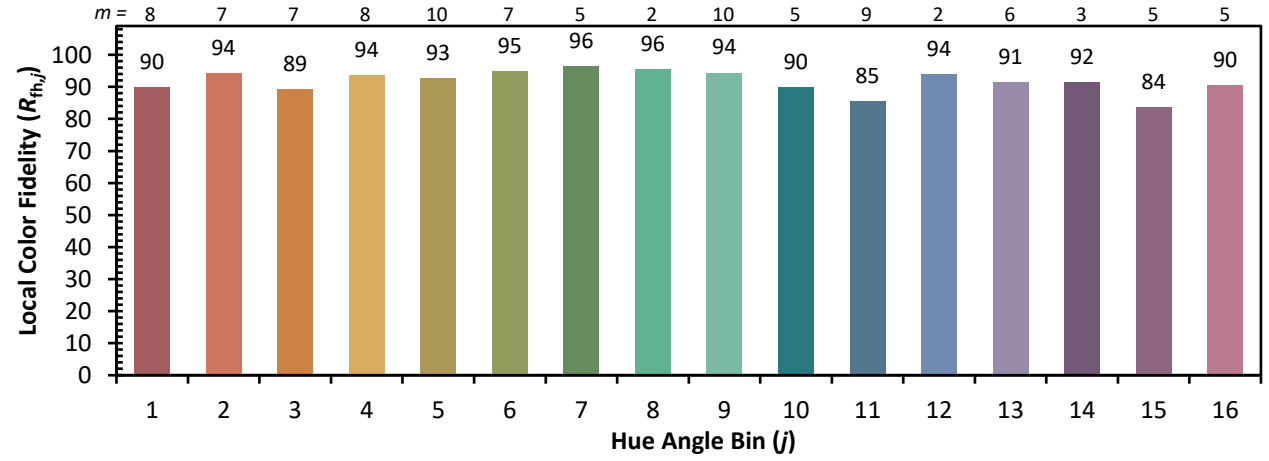
Color Rendition by Hue-Angle Bin







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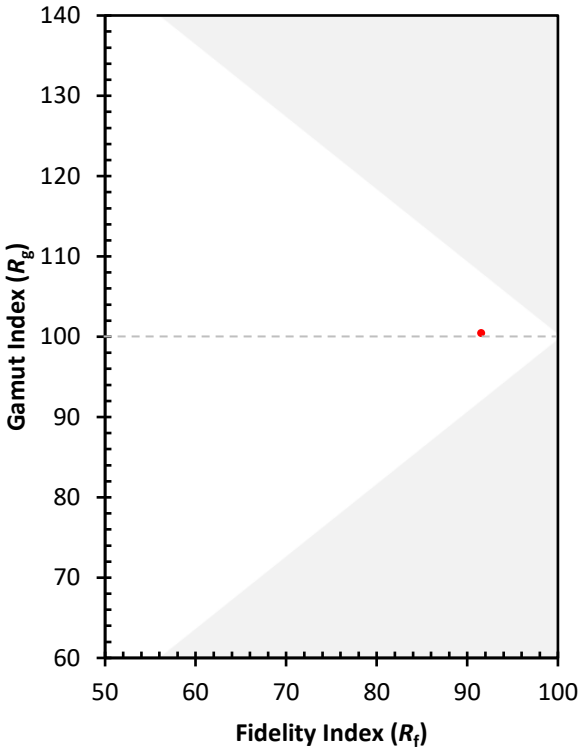
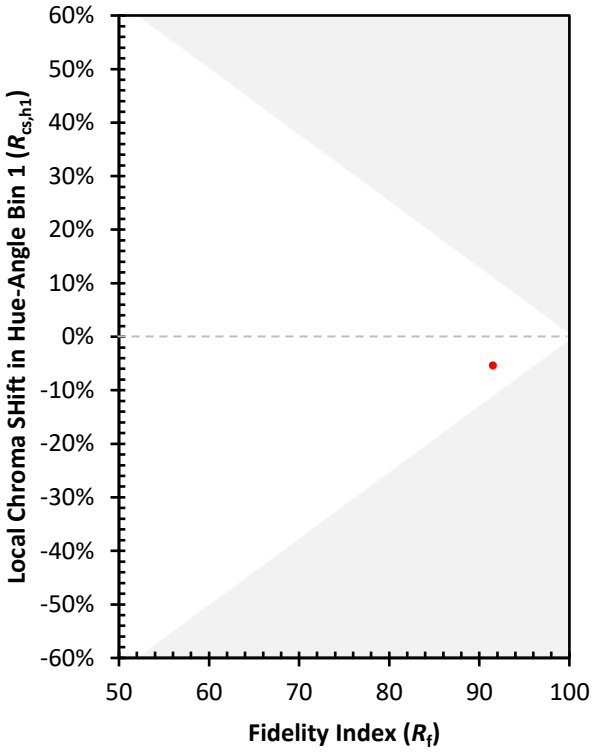
Measure Comparisons





(END OF REPORT)