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: STREETWORKS

Report Number: P980813

Luminaire Tested: **UFLD-CA2-200-730-U-66**

Issue Date: 04/10/2025

Report Generated By 670245763

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:	P980813
Test Lab:	INNOVATION CENTER(G2)
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	UFLD-CA2-200-730-U-66
Description:	UTILITY FLOOD MEDIUM SIZE 200W 70CRI 3000K LED FIXTURE NEMA 6
Light Source:	(2) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27710.9 lumens
Efficiency:	N/A
Efficacy:	140.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.31' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B4 - U0 - G2

Input Watts (W):	197
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	2.85%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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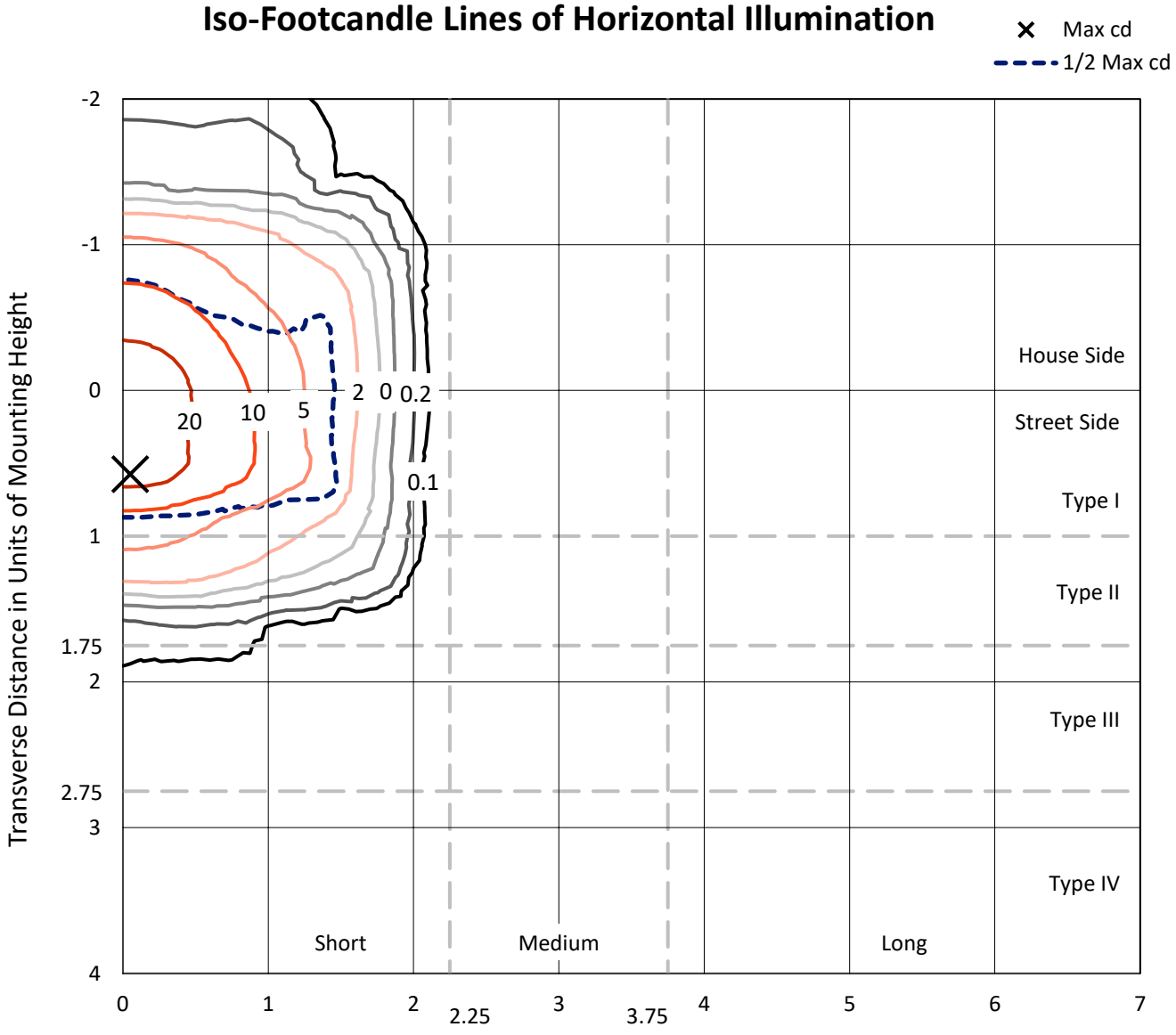
Scaled Data Report

REPORT NUMBER: P980813
CATALOG NUMBER: UFLD-CA2-200-730-U-66

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 29 fc
Type I - Short - N/A

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REPORT NUMBER: P980813
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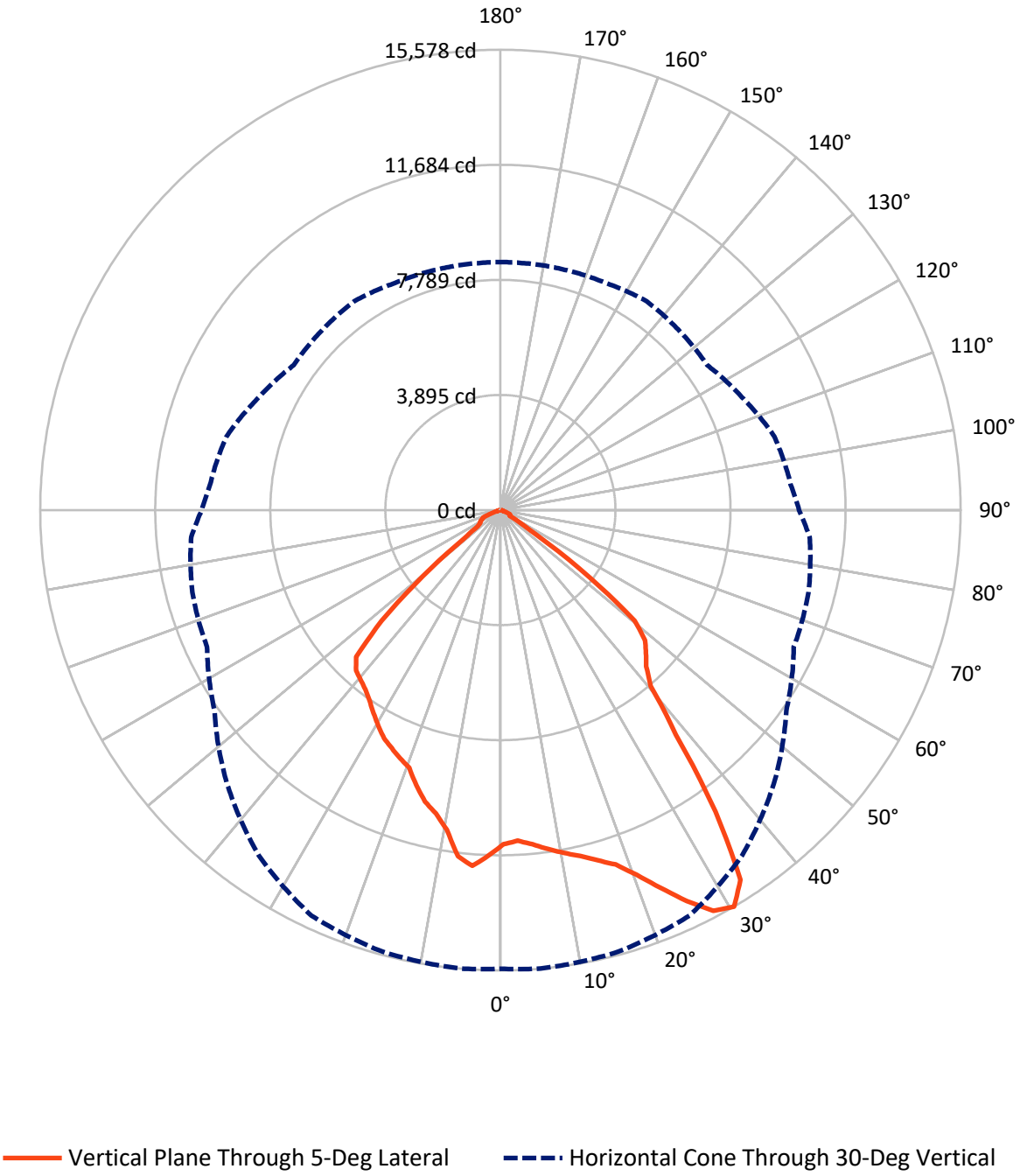
Luminous Intensity Polar Plot



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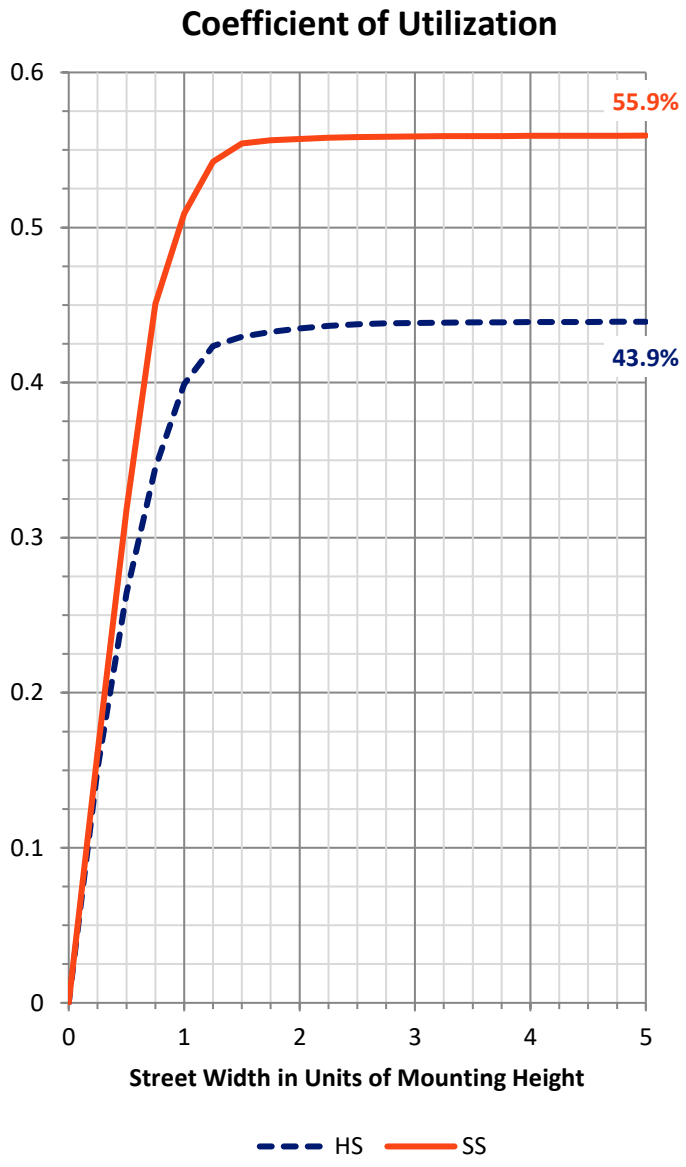
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12256.2	0.0	12256.2
	% Fixture	44.2	0.0	44.2
Street Side	Lumens	15454.6	0.0	15454.6
	% Fixture	55.8	0.0	55.8
Total	Lumens	27710.9	0.0	27710.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1106.4	4.0
10°-20°	3205.2	11.6
20°-30°	5107.7	18.4
30°-40°	6385.5	23.0
40°-50°	6266.3	22.6
50°-60°	4480.1	16.2
60°-70°	991.2	3.6
70°-80°	152.3	0.5
80°-90°	16.1	0.1
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°	27710.9	100.0
0°-180°	27710.9	100.0



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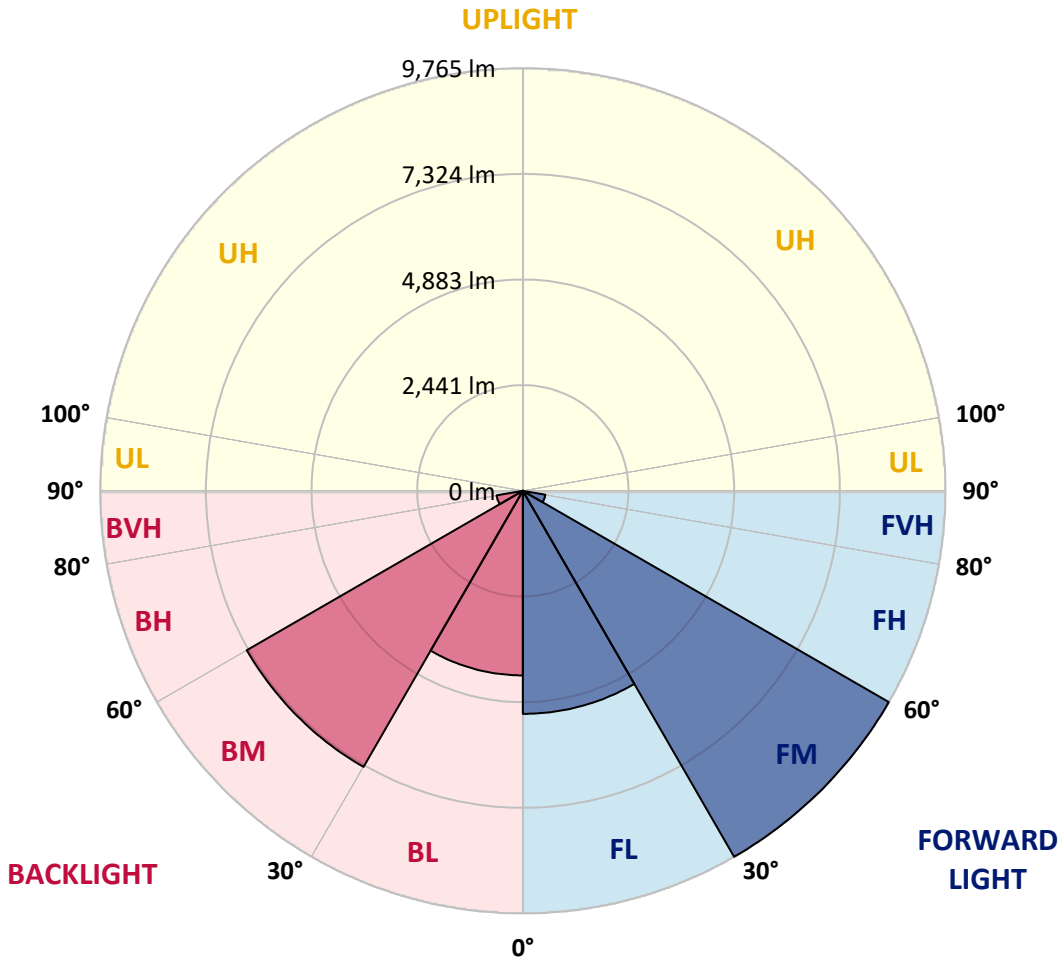
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	5154.0	18.6			
FM	(30°-60°)	9765.3	35.2			
FH	(60°-80°)	527.2	1.9			G0/660
FVH	(80°-90°)	8.1	0.0			G0/10
BL	(0°-30°)	4265.4	15.4	B4/5000		
BM	(30°-60°)	7366.6	26.6	B4/8500		
BH	(60°-80°)	616.3	2.2	B2/1000		G2/1000
BVH	(80°-90°)	8.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6
2.5°	11184.1	11202.1	11220.2	11247.3	11283.5	11301.6	11283.5	11265.4	11256.4	11274.5	11283.5
5°	11337.8	11364.9	11373.9	11392.0	11410.1	11392.0	11383.0	11364.9	11355.8	11364.9	11392.0
7.5°	11563.8	11581.9	11572.8	11563.8	11554.7	11491.5	11428.2	11401.0	11401.0	11428.2	11500.5
10°	11762.7	11798.9	11753.7	11717.5	11654.2	11554.7	11446.3	11383.0	11401.0	11455.3	11545.7
12.5°	12015.9	12015.9	11970.6	11934.5	11789.8	11672.3	11527.6	11428.2	11428.2	11527.6	11627.1
15°	12323.3	12296.1	12278.0	12178.6	12006.8	11816.9	11636.1	11491.5	11464.3	11618.0	11681.3
17.5°	12712.0	12612.6	12567.4	12395.6	12160.5	11916.4	11672.3	11554.7	11473.4	11636.1	11563.8
20°	13245.5	13173.1	13028.5	12757.2	12278.0	11961.6	11672.3	11518.6	11455.3	11545.7	11473.4
22.5°	13932.6	13887.4	13561.9	13218.3	12585.5	11997.8	11627.1	11419.1	11401.0	11355.8	11202.1
25°	14773.4	14655.9	14321.4	13833.1	13046.6	12350.4	11618.0	11238.3	11175.0	11057.5	10786.2
27.5°	15487.7	15361.1	14954.3	14520.3	13679.4	12874.8	11690.4	11021.3	10949.0	10867.6	10533.1
30°	15523.9	15578.1	15469.6	15144.1	14267.1	13091.8	11816.9	10958.0	10795.3	10506.0	10108.1
32.5°	14791.5	14918.1	15180.3	15297.8	14710.2	13354.0	11925.4	10985.1	10686.8	9990.6	9665.1
35°	12287.1	12540.2	13616.2	14628.8	14836.7	13733.7	12015.9	10985.1	10650.6	9619.9	9366.8
37.5°	9439.1	9647.0	10560.2	12395.6	14276.2	13968.8	12214.8	10921.9	10605.4	9647.0	9303.5
40°	7712.2	7829.7	8227.6	9475.3	12305.2	13580.0	12413.7	10994.2	10469.8	9665.1	9339.6
42.5°	7242.1	7233.0	7151.6	7612.8	9384.8	12440.8	12549.3	11175.0	10243.8	9547.6	9276.3
45°	6925.6	6907.5	6835.2	6925.6	7422.9	10180.5	12449.8	11500.5	9963.5	9131.7	8950.9
47.5°	6582.0	6591.1	6564.0	6600.1	6509.7	7730.3	11889.3	11636.1	9484.3	8435.5	8372.2
50°	5759.3	5894.9	6256.6	6292.7	6057.7	6238.5	10180.5	11572.8	9140.7	8236.6	8182.4
52.5°	3580.3	3797.3	4864.2	5768.3	5632.7	5632.7	7766.5	11663.2	8525.9	8164.3	8200.4
55°	1265.8	1428.5	2603.9	3969.1	5045.0	5144.5	6139.0	10379.4	8453.6	8290.8	8327.0
57.5°	316.4	388.8	795.6	1717.8	3399.5	4665.3	5488.1	8571.1	6419.3	6193.3	6283.7
60°	370.7	361.7	497.3	551.5	1320.0	3688.8	4945.6	5786.4	4140.9	3878.7	3923.9
62.5°	397.8	370.7	388.8	488.2	217.0	1808.3	3942.0	3444.7	1708.8	1265.8	1338.1
65°	352.6	334.5	307.4	452.1	153.7	334.5	2323.6	1012.6	244.1	388.8	352.6
67.5°	235.1	244.1	253.2	361.7	144.7	144.7	307.4	253.2	171.8	352.6	307.4
70°	135.6	144.7	171.8	217.0	144.7	117.5	135.6	207.9	144.7	352.6	307.4
72.5°	81.4	81.4	81.4	90.4	144.7	99.5	90.4	171.8	126.6	325.5	307.4
75°	63.3	63.3	63.3	54.2	126.6	63.3	63.3	135.6	108.5	235.1	235.1
77.5°	54.2	54.2	54.2	45.2	72.3	54.2	54.2	99.5	99.5	117.5	135.6
80°	36.2	36.2	36.2	36.2	45.2	45.2	36.2	54.2	45.2	54.2	63.3
82.5°	18.1	27.1	27.1	18.1	27.1	27.1	27.1	36.2	27.1	36.2	36.2
85°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	18.1	9.0	9.0	18.1
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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Scaled Data Report

REPORT NUMBER: P980813
CATALOG NUMBER: UFLD-CA2-200-730-U-66

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6	11310.6
2.5°	11301.6	11346.8	11410.1	11509.5	11545.7	11609.0	11663.2	11708.4	11708.4	11690.4
5°	11446.3	11572.8	11744.6	11898.3	11952.6	12015.9	12043.0	12088.2	12079.1	12070.1
7.5°	11572.8	11771.7	11952.6	12061.1	12043.0	11961.6	11907.4	11835.0	11807.9	11826.0
10°	11672.3	11853.1	11934.5	11862.1	11645.2	11455.3	11211.2	11048.4	10967.1	10994.2
12.5°	11708.4	11771.7	11699.4	11301.6	11030.4	10849.5	10650.6	10542.1	10496.9	10506.0
15°	11717.5	11572.8	11175.0	10876.7	10677.7	10451.7	10289.0	10189.5	10189.5	10198.6
17.5°	11527.6	11175.0	10831.4	10605.4	10325.1	10090.1	9999.6	9963.5	9737.5	9773.6
20°	11355.8	10849.5	10659.7	10307.1	9972.5	9818.8	9294.4	9240.2	9249.2	9258.3
22.5°	10994.2	10614.5	10442.7	9981.6	9601.8	9176.9	9104.6	9050.3	9059.4	9059.4
25°	10496.9	10279.9	10044.9	9565.7	9104.6	9023.2	8968.9	8896.6	8860.4	8869.5
27.5°	10216.6	9945.4	9511.4	9104.6	8806.2	8842.4	8779.1	8670.6	8670.6	8679.6
30°	*9864.0*	*9601.8*	*9023.2*	*8544.0*	*8571.1*	*8625.4*	*8471.7*	*8417.4*	*8390.3*	*8390.3*
32.5°	9430.0	9068.4	8562.1	8110.0	8272.8	8254.7	8064.8	8082.9	8101.0	8082.9
35°	9104.6	8634.4	8209.5	7965.4	7902.1	7829.7	7730.3	7793.6	7820.7	7802.6
37.5°	9023.2	8462.6	8019.6	7847.8	7603.7	7468.1	7495.2	7558.5	7594.7	7585.6
40°	8996.1	8290.8	7856.9	7676.0	7350.6	7233.0	7269.2	7395.8	7441.0	7431.9
42.5°	8959.9	8173.3	7757.4	7540.4	7088.4	7007.0	7178.8	7296.3	7305.3	7296.3
45°	8770.0	8046.7	7694.1	7260.1	6690.5	6790.0	7007.0	7070.3	6961.8	6916.6
47.5°	8327.0	7811.7	7504.3	6916.6	6365.1	6554.9	6582.0	5894.9	5497.1	5406.7
50°	8200.4	7820.7	7287.3	6509.7	6166.1	6356.0	5171.6	3951.0	3453.8	3354.3
52.5°	8164.3	7730.3	7368.6	6084.8	6093.8	5361.5	3263.9	1934.8	1555.1	1482.8
55°	8254.7	8128.1	7504.3	5831.6	5668.9	3489.9	1518.9	913.2	940.3	913.2
57.5°	6229.4	6799.0	7667.0	5433.8	4140.9	1681.7	958.4	886.0	822.8	804.7
60°	3887.7	4430.2	5614.6	4674.3	2124.7	1003.6	976.5	822.8	795.6	786.6
62.5°	1283.9	1971.0	3218.7	3074.0	587.7	994.5	985.5	732.3	732.3	732.3
65°	325.5	334.5	886.0	1057.8	434.0	886.0	940.3	687.1	669.1	696.2
67.5°	280.3	253.2	470.1	415.9	361.7	614.8	822.8	660.0	623.8	623.8
70°	280.3	298.4	461.1	388.8	226.0	334.5	596.7	406.9	361.7	334.5
72.5°	262.2	289.3	406.9	352.6	153.7	162.7	262.2	135.6	126.6	108.5
75°	226.0	235.1	316.4	316.4	162.7	81.4	108.5	90.4	90.4	81.4
77.5°	153.7	117.5	180.8	226.0	117.5	54.2	45.2	45.2	45.2	36.2
80°	81.4	45.2	45.2	36.2	45.2	45.2	27.1	36.2	36.2	27.1
82.5°	45.2	27.1	27.1	18.1	18.1	27.1	18.1	18.1	18.1	18.1
85°	18.1	18.1	9.0	9.0	9.0	18.1	9.0	9.0	9.0	9.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
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

Streetworks

Report Number: SP1-2501-336-4

Test Date: 04/12/2025

Luminaire Tested: UFLD-L-CA4-390-730-U-66

Data in this report applies to families of products including UFLD-L-CA4-390-730-U-66

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

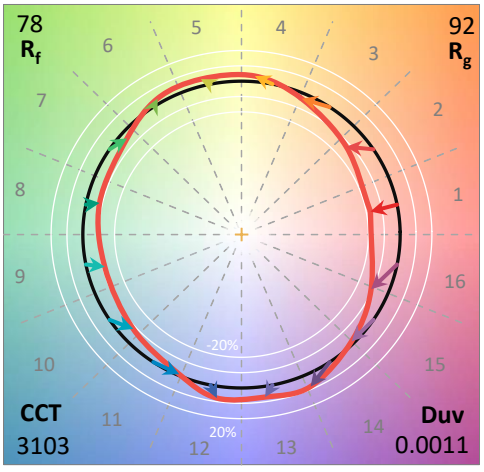
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-336-4
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**UFLD-L-CA4-390-730-U-66**
Description:	UTILITY FLOOD 390W NEMA6

Spectral Parameters

CCT (K):	3103
CIE u':	0.2466
CIE v':	0.5208
Duv:	0.0011
CIE x:	0.4313
CIE y:	0.4048
CIE z:	0.1640
Peak Wavelength (nm):	591
Dominant Wavelength (nm):	581
Purity:	50.93874
Rf:	77.6
Rg:	92

CRI (Ra):	72.2
R1:	67.8
R2:	84.1
R3:	94.2
R4:	67.1
R5:	68.4
R6:	79.1
R7:	76.1
R8:	40.5
R9:	-39.3
R10:	65.1
R11:	62.7
R12:	58.4
R13:	71.1
R14:	97.0
R15:	58.6



Test Conditions

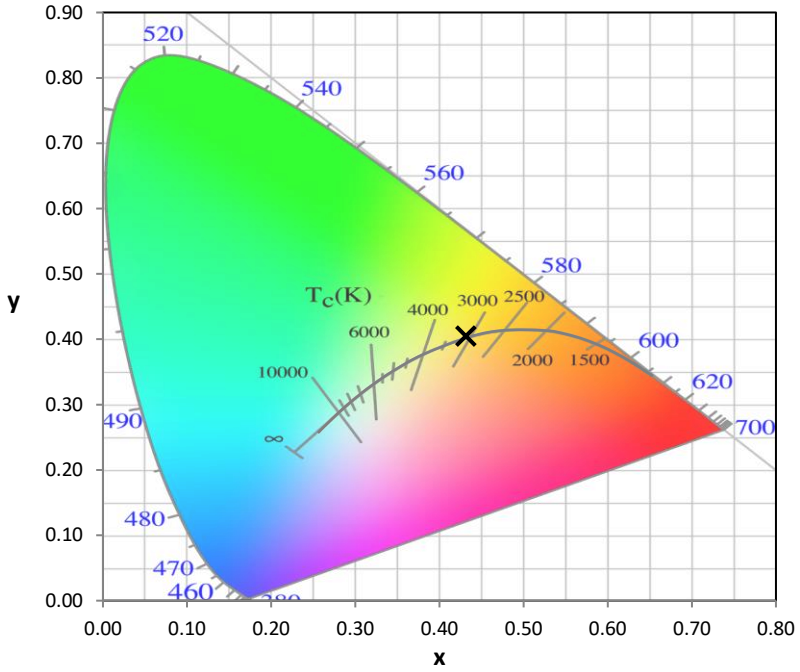
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2501-336-4

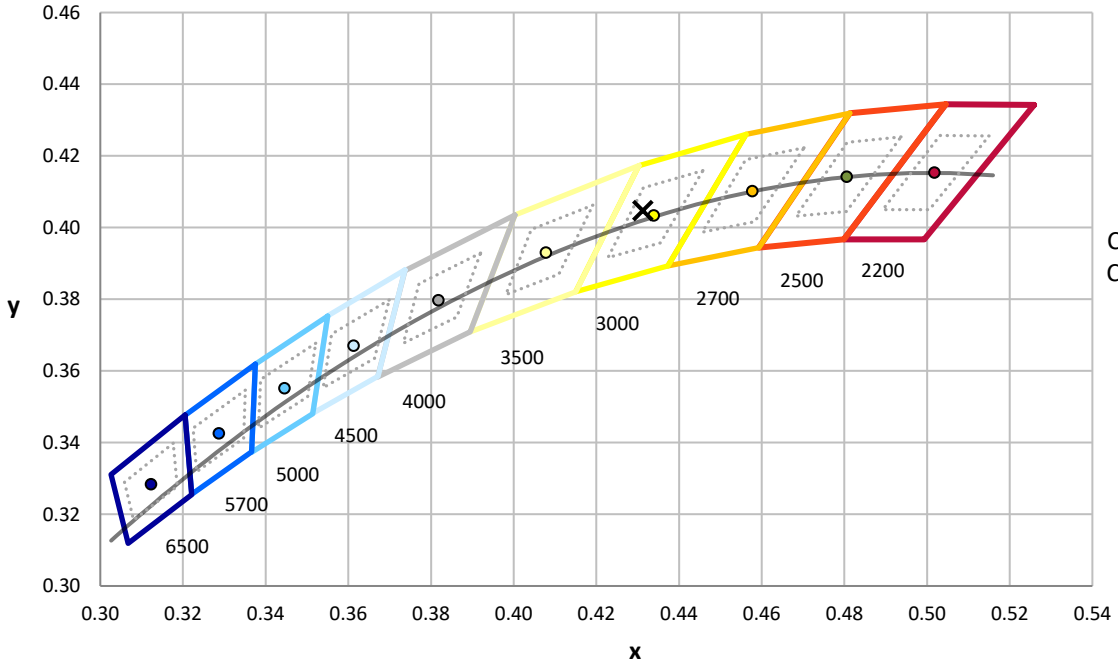
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-336-4

CIE 1931 Chromaticity Diagram



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

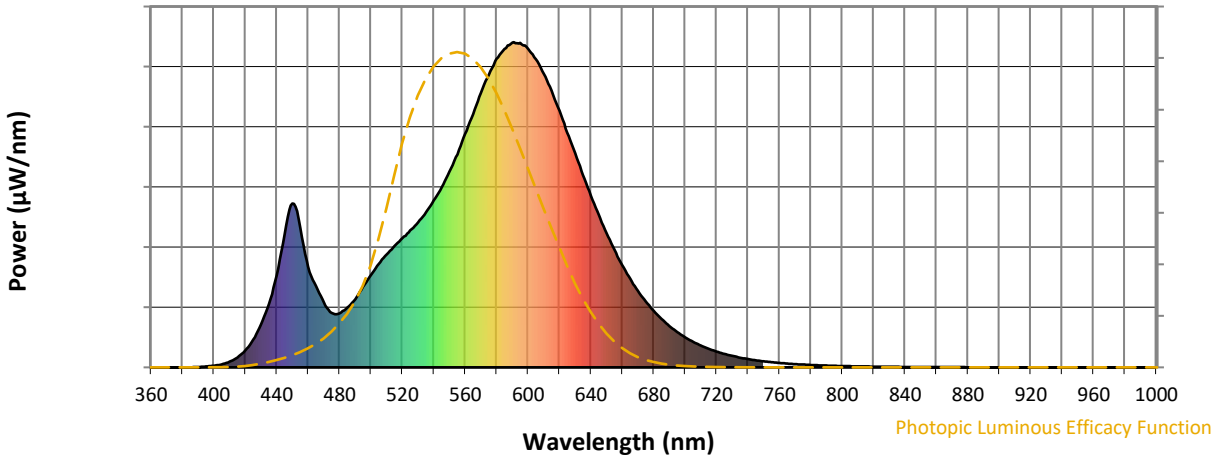


CCT = 3103K
CIE x = 0.4313
CIE y = 0.4048
Duv = 0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-336-4

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	210	NR	620	789	NR	750	19	NR	880	1	NR
365	0	NR	495	248	NR	625	722	NR	755	16	NR	885	0	NR
370	0	NR	500	284	NR	630	658	NR	760	14	NR	890	0	NR
375	0	NR	505	318	NR	635	591	NR	765	12	NR	895	0	NR
380	0	NR	510	348	NR	640	528	NR	770	10	NR	900	0	NR
385	0	NR	515	373	NR	645	469	NR	775	9	NR	905	0	NR
390	1	NR	520	398	NR	650	412	NR	780	7	NR	910	0	NR
395	3	NR	525	421	NR	655	361	NR	785	6	NR	915	0	NR
400	5	NR	530	446	NR	660	314	NR	790	6	NR	920	0	NR
405	9	NR	535	477	NR	665	273	NR	795	5	NR	925	0	NR
410	18	NR	540	514	NR	670	235	NR	800	4	NR	930	0	NR
415	30	NR	545	554	NR	675	202	NR	805	4	NR	935	0	NR
420	52	NR	550	603	NR	680	174	NR	810	3	NR	940	0	NR
425	85	NR	555	654	NR	685	149	NR	815	3	NR	945	0	NR
430	132	NR	560	718	NR	690	127	NR	820	2	NR	950	0	NR
435	195	NR	565	779	NR	695	109	NR	825	2	NR	955	0	NR
440	282	NR	570	843	NR	700	92	NR	830	2	NR	960	0	NR
445	409	NR	575	899	NR	705	79	NR	835	2	NR	965	0	NR
450	504	NR	580	949	NR	710	67	NR	840	1	NR	970	0	NR
455	428	NR	585	979	NR	715	57	NR	845	1	NR	975	0	NR
460	310	NR	590	998	NR	720	49	NR	850	1	NR	980	0	NR
465	250	NR	595	998	NR	725	41	NR	855	1	NR	985	0	NR
470	199	NR	600	979	NR	730	35	NR	860	1	NR	990	0	NR
475	167	NR	605	947	NR	735	30	NR	865	1	NR	995	0	NR
480	167	NR	610	902	NR	740	26	NR	870	1	NR	1000	0	NR
485	184	NR	615	851	NR	745	22	NR	875	1	NR			

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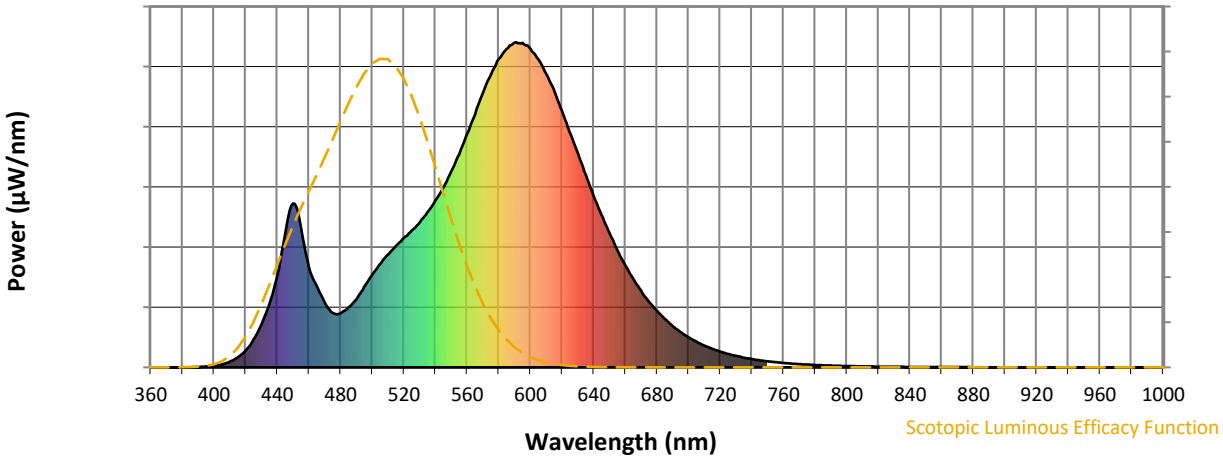
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.29**

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	210	NR	620	789	NR	750	19	NR	880	1	NR
365	0	NR	495	248	NR	625	722	NR	755	16	NR	885	0	NR
370	0	NR	500	284	NR	630	658	NR	760	14	NR	890	0	NR
375	0	NR	505	318	NR	635	591	NR	765	12	NR	895	0	NR
380	0	NR	510	348	NR	640	528	NR	770	10	NR	900	0	NR
385	0	NR	515	373	NR	645	469	NR	775	9	NR	905	0	NR
390	1	NR	520	398	NR	650	412	NR	780	7	NR	910	0	NR
395	3	NR	525	421	NR	655	361	NR	785	6	NR	915	0	NR
400	5	NR	530	446	NR	660	314	NR	790	6	NR	920	0	NR
405	9	NR	535	477	NR	665	273	NR	795	5	NR	925	0	NR
410	18	NR	540	514	NR	670	235	NR	800	4	NR	930	0	NR
415	30	NR	545	554	NR	675	202	NR	805	4	NR	935	0	NR
420	52	NR	550	603	NR	680	174	NR	810	3	NR	940	0	NR
425	85	NR	555	654	NR	685	149	NR	815	3	NR	945	0	NR
430	132	NR	560	718	NR	690	127	NR	820	2	NR	950	0	NR
435	195	NR	565	779	NR	695	109	NR	825	2	NR	955	0	NR
440	282	NR	570	843	NR	700	92	NR	830	2	NR	960	0	NR
445	409	NR	575	899	NR	705	79	NR	835	2	NR	965	0	NR
450	504	NR	580	949	NR	710	67	NR	840	1	NR	970	0	NR
455	428	NR	585	979	NR	715	57	NR	845	1	NR	975	0	NR
460	310	NR	590	998	NR	720	49	NR	850	1	NR	980	0	NR
465	250	NR	595	998	NR	725	41	NR	855	1	NR	985	0	NR
470	199	NR	600	979	NR	730	35	NR	860	1	NR	990	0	NR
475	167	NR	605	947	NR	735	30	NR	865	1	NR	995	0	NR
480	167	NR	610	902	NR	740	26	NR	870	1	NR	1000	0	NR
485	184	NR	615	851	NR	745	22	NR	875	1	NR			

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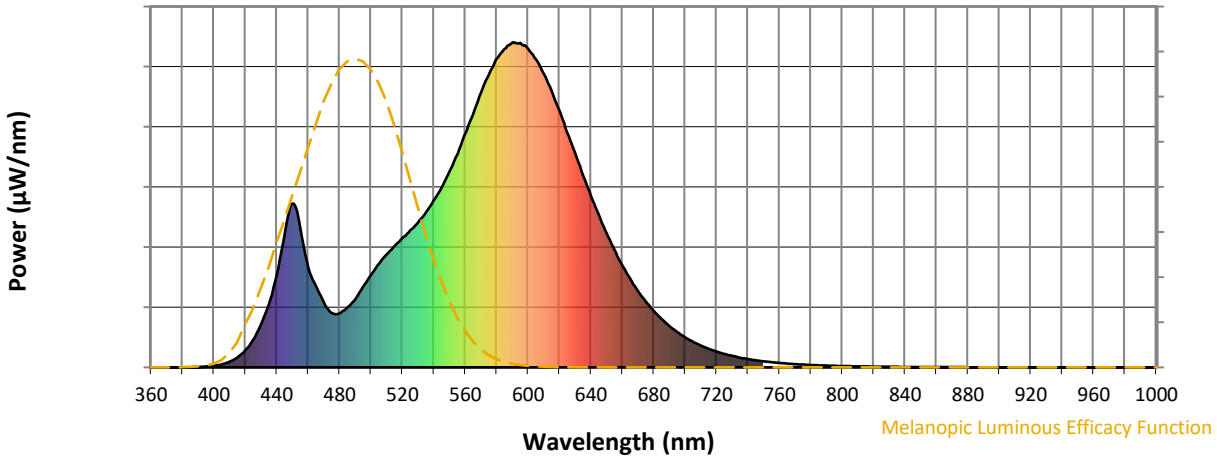
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.45**

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	210	NR	620	789	NR	750	19	NR	880	1	NR
365	0	NR	495	248	NR	625	722	NR	755	16	NR	885	0	NR
370	0	NR	500	284	NR	630	658	NR	760	14	NR	890	0	NR
375	0	NR	505	318	NR	635	591	NR	765	12	NR	895	0	NR
380	0	NR	510	348	NR	640	528	NR	770	10	NR	900	0	NR
385	0	NR	515	373	NR	645	469	NR	775	9	NR	905	0	NR
390	1	NR	520	398	NR	650	412	NR	780	7	NR	910	0	NR
395	3	NR	525	421	NR	655	361	NR	785	6	NR	915	0	NR
400	5	NR	530	446	NR	660	314	NR	790	6	NR	920	0	NR
405	9	NR	535	477	NR	665	273	NR	795	5	NR	925	0	NR
410	18	NR	540	514	NR	670	235	NR	800	4	NR	930	0	NR
415	30	NR	545	554	NR	675	202	NR	805	4	NR	935	0	NR
420	52	NR	550	603	NR	680	174	NR	810	3	NR	940	0	NR
425	85	NR	555	654	NR	685	149	NR	815	3	NR	945	0	NR
430	132	NR	560	718	NR	690	127	NR	820	2	NR	950	0	NR
435	195	NR	565	779	NR	695	109	NR	825	2	NR	955	0	NR
440	282	NR	570	843	NR	700	92	NR	830	2	NR	960	0	NR
445	409	NR	575	899	NR	705	79	NR	835	2	NR	965	0	NR
450	504	NR	580	949	NR	710	67	NR	840	1	NR	970	0	NR
455	428	NR	585	979	NR	715	57	NR	845	1	NR	975	0	NR
460	310	NR	590	998	NR	720	49	NR	850	1	NR	980	0	NR
465	250	NR	595	998	NR	725	41	NR	855	1	NR	985	0	NR
470	199	NR	600	979	NR	730	35	NR	860	1	NR	990	0	NR
475	167	NR	605	947	NR	735	30	NR	865	1	NR	995	0	NR
480	167	NR	610	902	NR	740	26	NR	870	1	NR	1000	0	NR
485	184	NR	615	851	NR	745	22	NR	875	1	NR			

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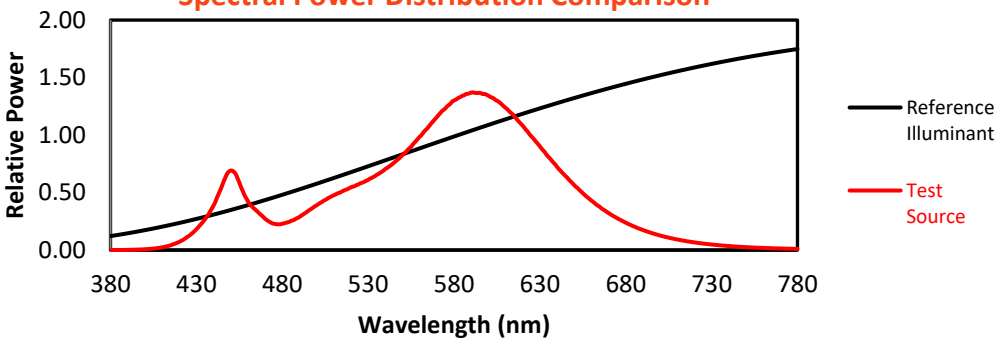
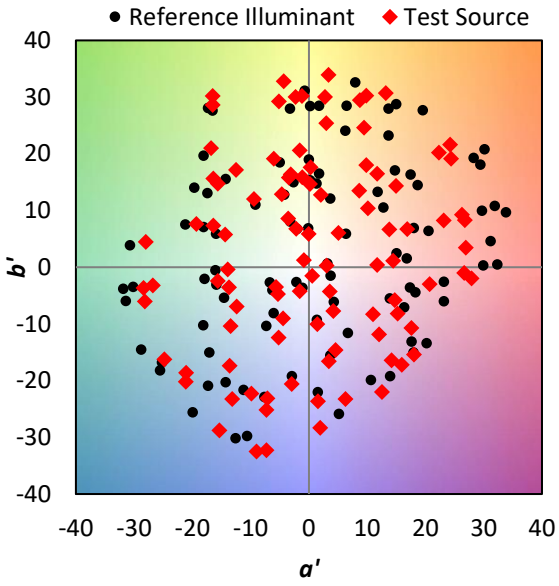
Summary

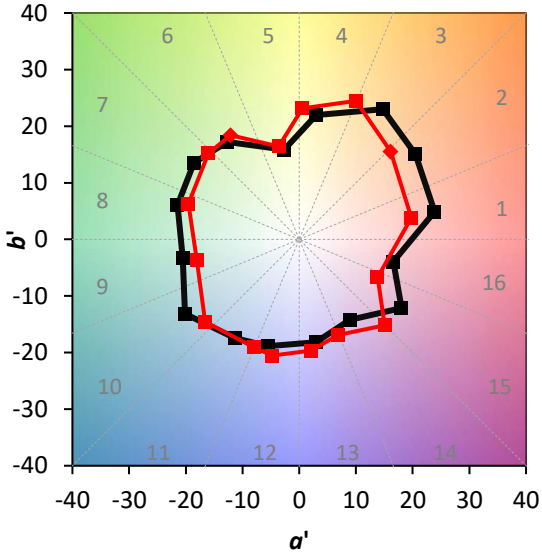
R_f = 77.6
R_g = 92
CIE R_a = 72.2
R_9 = -39.3

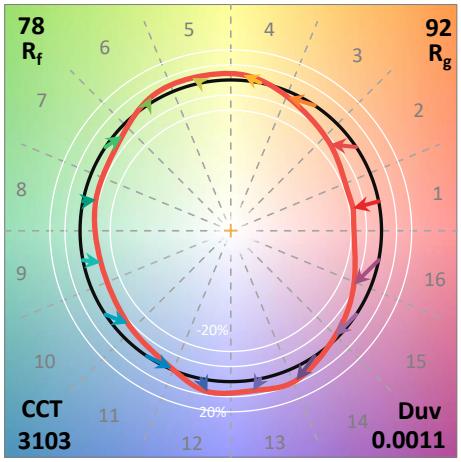
Spectral Power Distribution Comparison

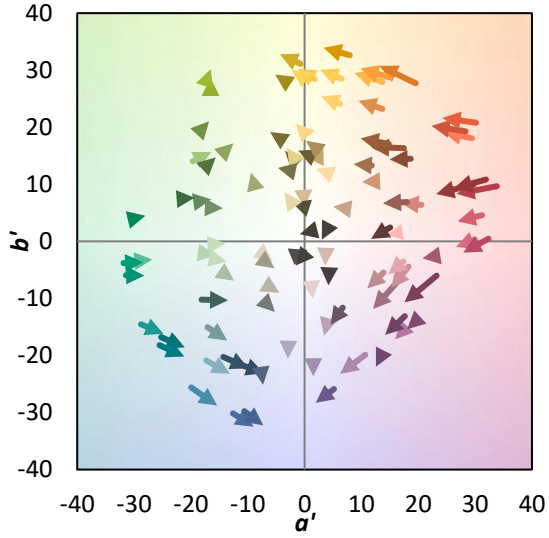


Color Vector Graphics









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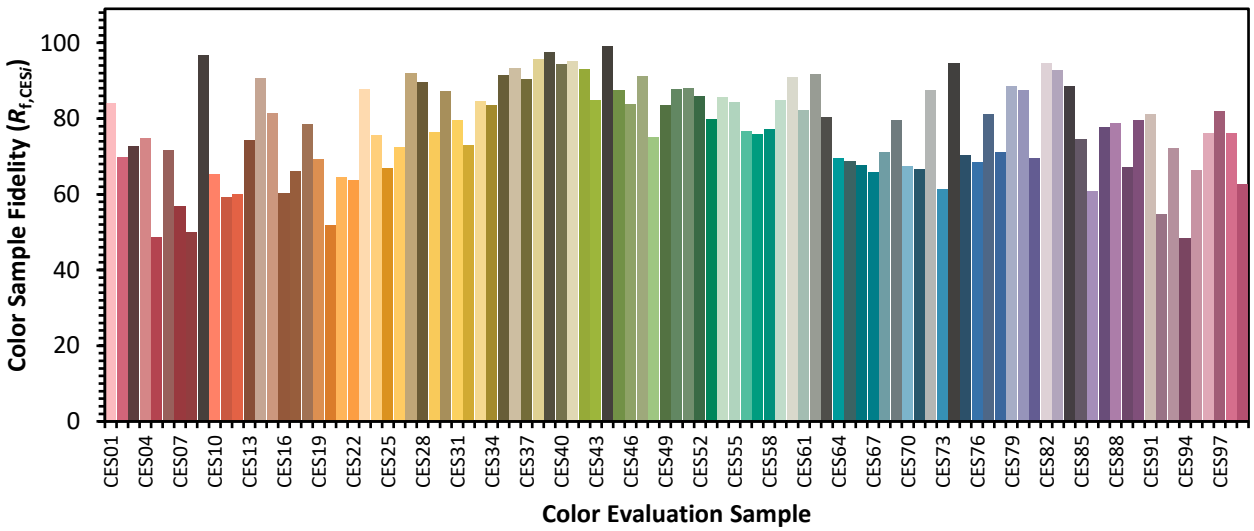
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 69
CES02 = 62	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 90	CES53 = 80	CES78 = 71
CES04 = 71	CES29 = 76	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 80	CES56 = 77	CES81 = 70
CES07 = 41	CES32 = 73	CES57 = 76	CES82 = 95
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 93
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 92	CES60 = 91	CES85 = 75
CES11 = 59	CES36 = 93	CES61 = 82	CES86 = 61
CES12 = 65	CES37 = 91	CES62 = 92	CES87 = 78
CES13 = 43	CES38 = 96	CES63 = 80	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 70	CES89 = 67
CES15 = 71	CES40 = 95	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 68	CES91 = 81
CES17 = 50	CES42 = 93	CES67 = 66	CES92 = 55
CES18 = 56	CES43 = 85	CES68 = 71	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 80	CES94 = 49
CES20 = 66	CES45 = 88	CES70 = 67	CES95 = 66
CES21 = 87	CES46 = 84	CES71 = 67	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 82
CES23 = 92	CES48 = 75	CES73 = 61	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 95	CES99 = 63
CES25 = 72	CES50 = 88	CES75 = 70	



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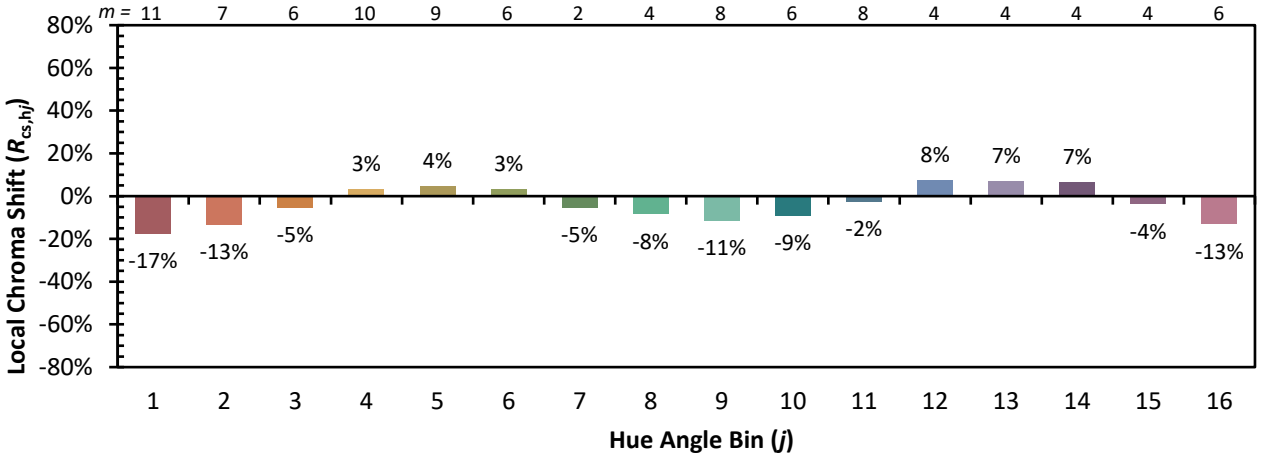
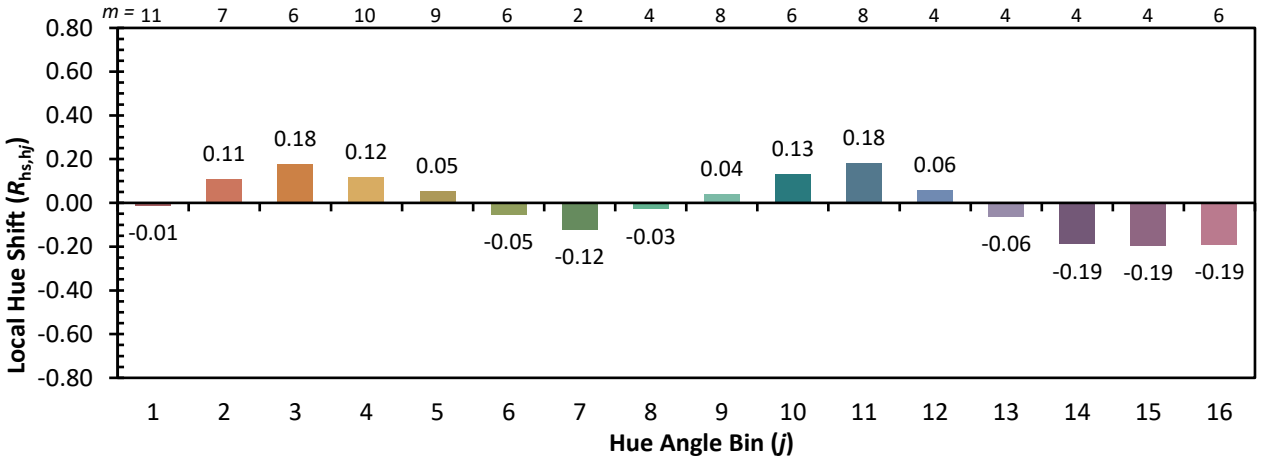
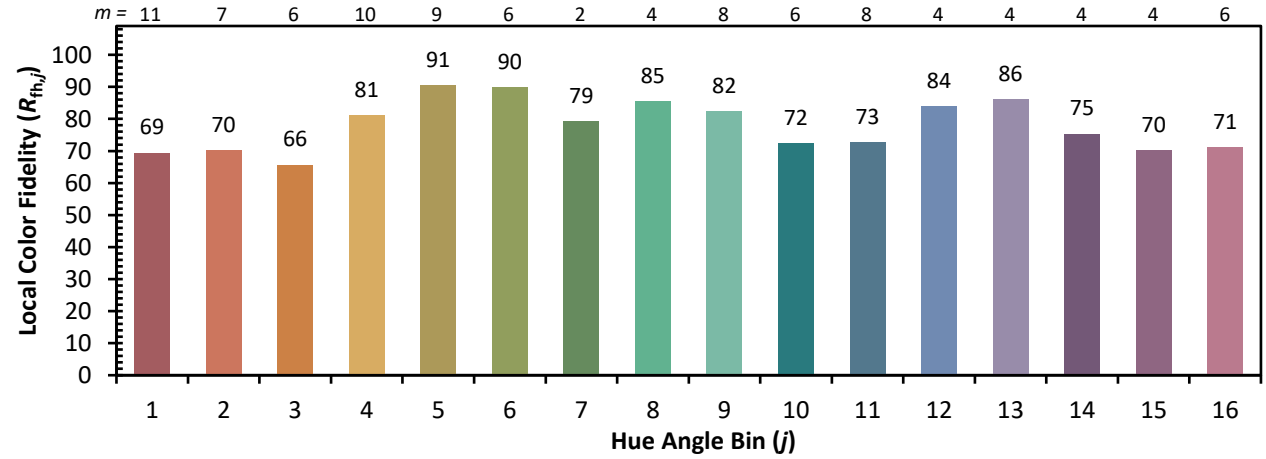
Color Rendition by Hue-Angle Bin







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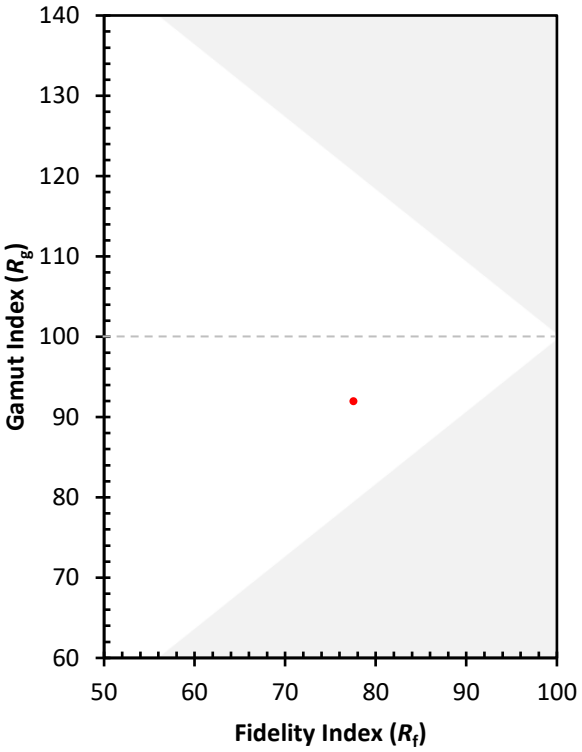
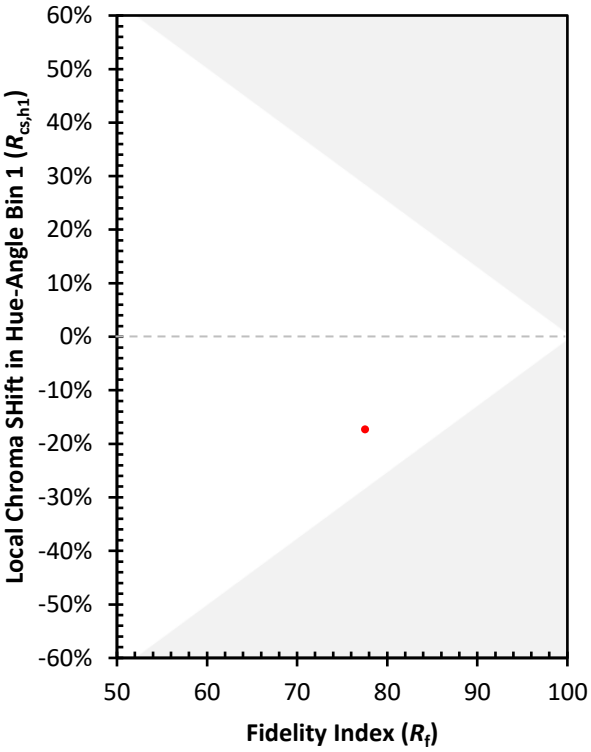
Measure Comparisons





(END OF REPORT)