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: LUMARK

Report Number: P980987

Luminaire Tested: **NFFLD-S-C15-7060-66**

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:	P980987
Test Lab:	INNOVATION CENTER(G2)
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NFFLD-S-C15-7060-66
Description:	LUMARK NIGHT FALCON SMALL SIZE 50W 70CRI 5700K LED FIXTURE NEMA 6
Light Source:	(1) 5700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6828.8 lumens
Efficiency:	N/A
Efficacy:	133.4 lumens/watt
Luminous Opening:	Rectangular (W 0.42' x L: 0.31' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	51.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.18%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P980987
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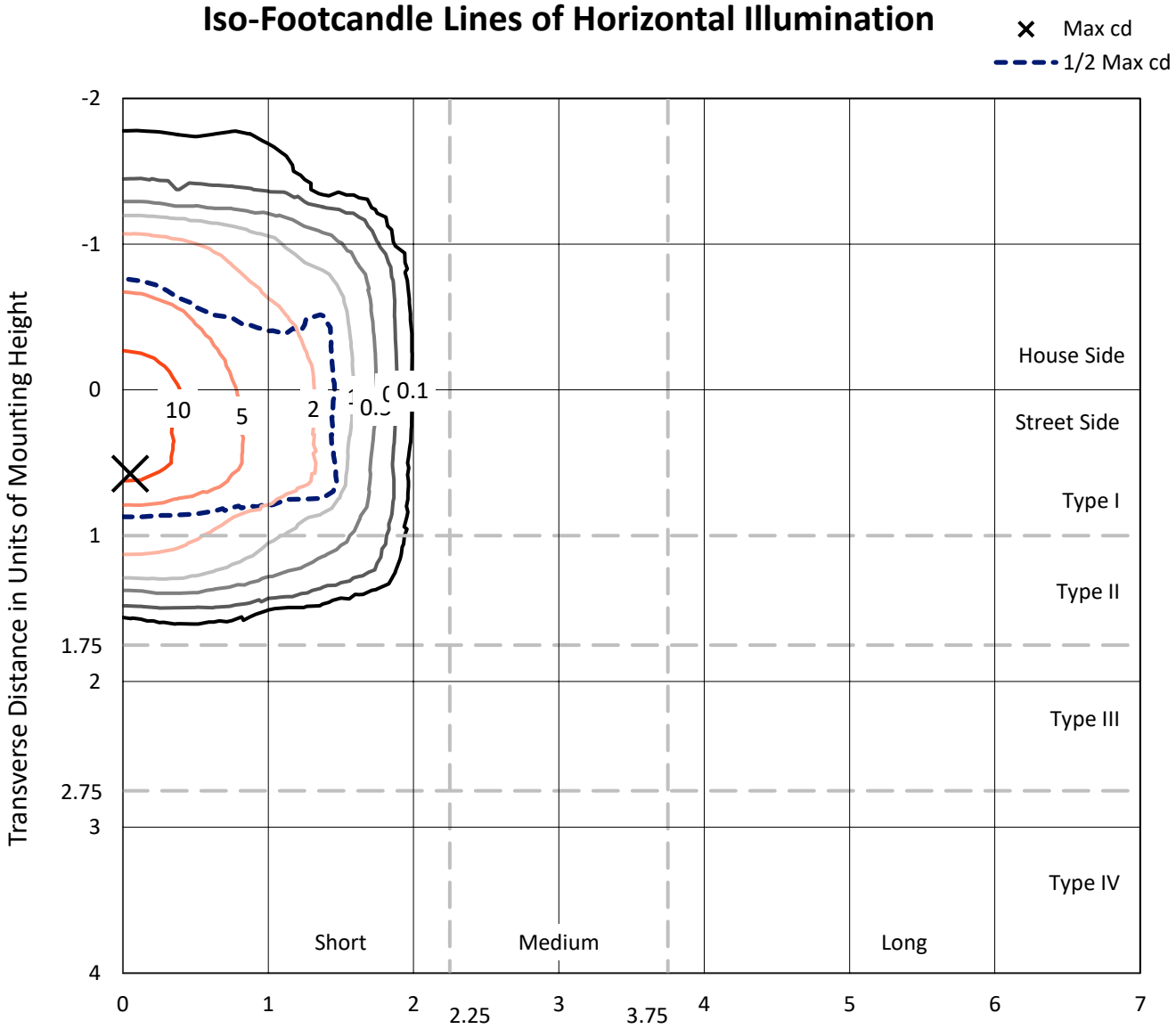
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 12.7 fc
Type I - Short - N/A

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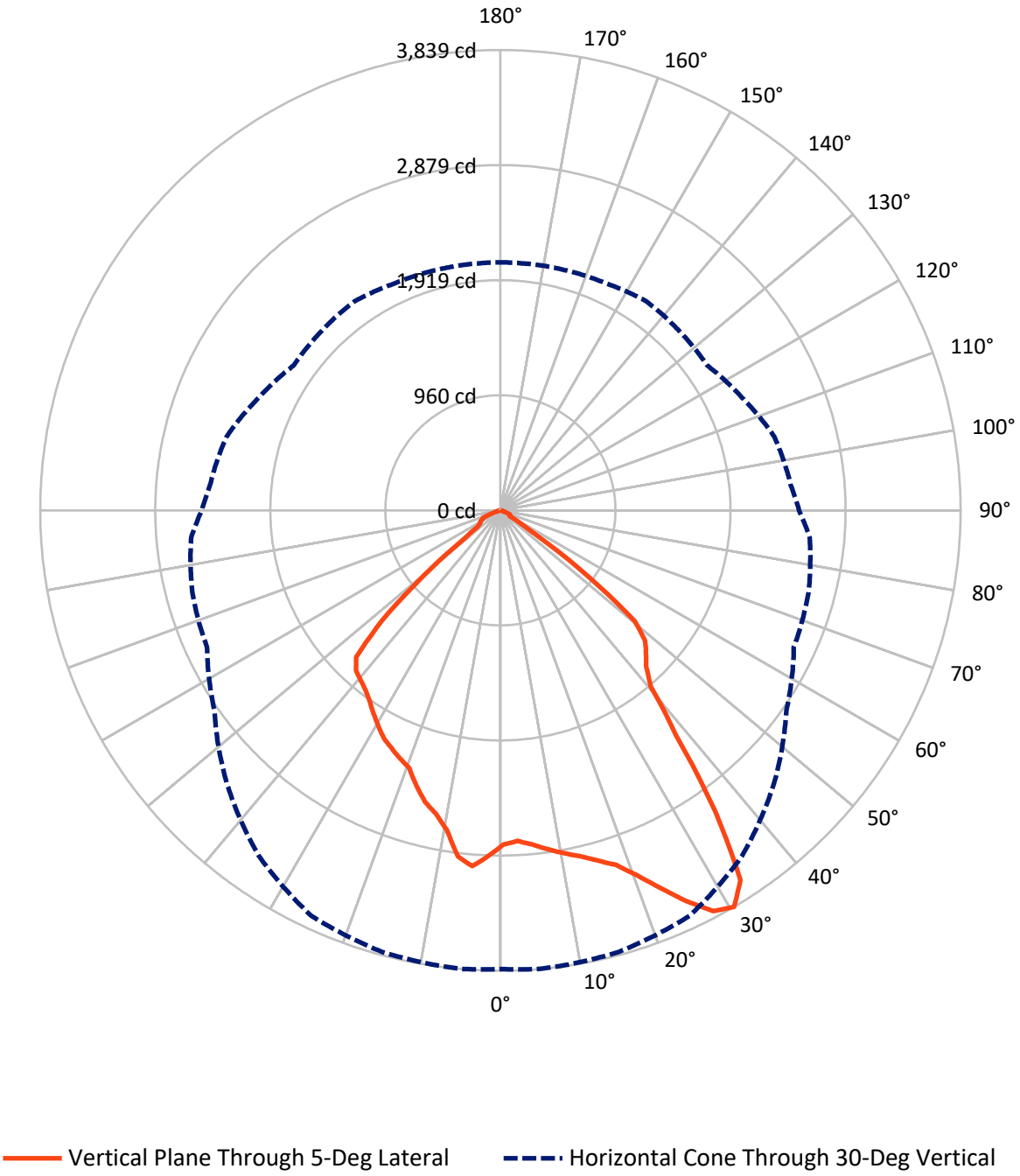
Luminous Intensity Polar Plot



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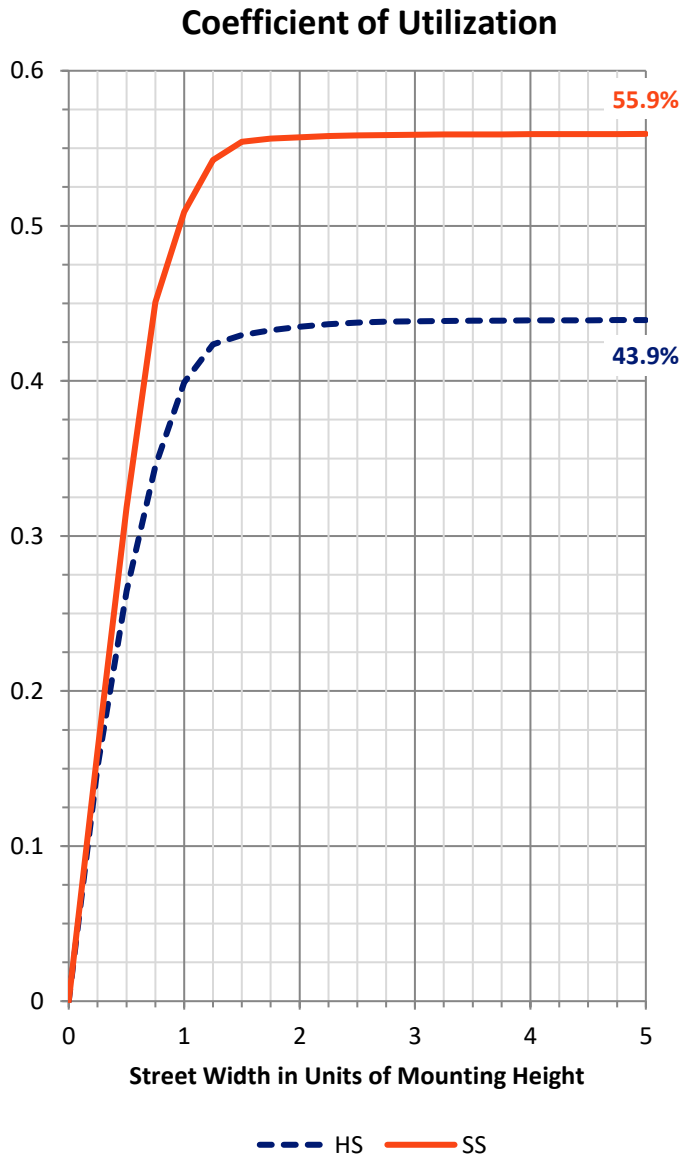
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3020.3	0.0	3020.3
	% Fixture	44.2	0.0	44.2
Street Side	Lumens	3808.5	0.0	3808.5
	% Fixture	55.8	0.0	55.8
Total	Lumens	6828.8	0.0	6828.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.7	4.0
10°-20°	789.9	11.6
20°-30°	1258.7	18.4
30°-40°	1573.6	23.0
40°-50°	1544.2	22.6
50°-60°	1104.0	16.2
60°-70°	244.3	3.6
70°-80°	37.5	0.5
80°-90°	4.0	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°	6828.8	100.0
0°-180°	6828.8	100.0



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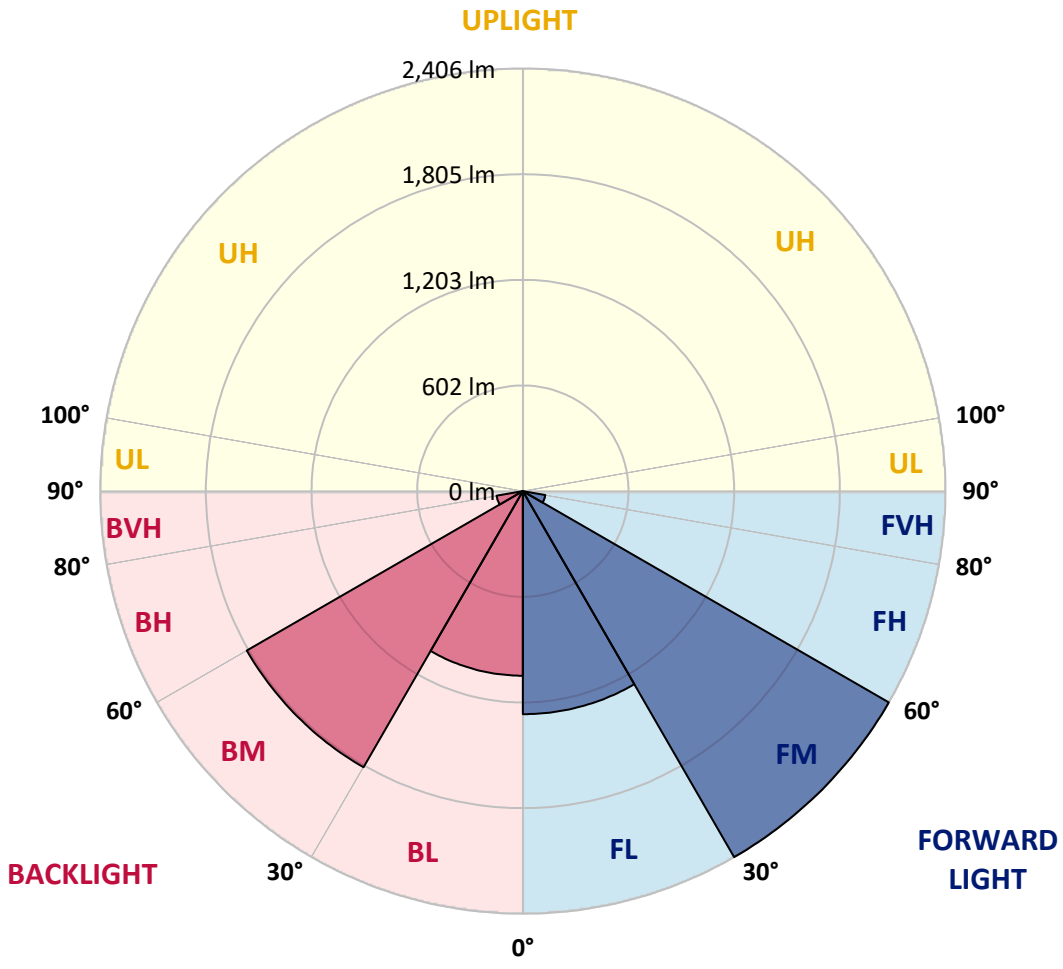
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1270.1	18.6			
FM	(30°-60°)	2406.5	35.2			
FH	(60°-80°)	129.9	1.9			G0/660
FVH	(80°-90°)	2.0	0.0			G0/10
BL	(0°-30°)	1051.1	15.4	B3/2500		
BM	(30°-60°)	1815.4	26.6	B2/2500		
BH	(60°-80°)	151.9	2.2	B1/500		G1/500
BVH	(80°-90°)	2.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1
Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3
2.5°	2756.1	2760.6	2765.0	2771.7	2780.6	2785.1	2780.6	2776.2	2773.9	2778.4	2780.6
5°	2794.0	2800.7	2802.9	2807.4	2811.8	2807.4	2805.1	2800.7	2798.4	2800.7	2807.4
7.5°	2849.7	2854.1	2851.9	2849.7	2847.5	2831.9	2816.3	2809.6	2809.6	2816.3	2834.1
10°	2898.7	2907.6	2896.5	2887.6	2872.0	2847.5	2820.7	2805.1	2809.6	2823.0	2845.2
12.5°	2961.1	2961.1	2949.9	2941.0	2905.4	2876.4	2840.8	2816.3	2816.3	2840.8	2865.3
15°	3036.8	3030.2	3025.7	3001.2	2958.9	2912.1	2867.5	2831.9	2825.2	2863.1	2878.7
17.5°	3132.7	3108.1	3097.0	3054.7	2996.7	2936.6	2876.4	2847.5	2827.4	2867.5	2849.7
20°	3264.1	3246.3	3210.6	3143.8	3025.7	2947.7	2876.4	2838.5	2823.0	2845.2	2827.4
22.5°	3433.4	3422.3	3342.1	3257.4	3101.5	2956.6	2865.3	2814.0	2809.6	2798.4	2760.6
25°	3640.6	3611.7	3529.2	3408.9	3215.1	3043.5	2863.1	2769.5	2753.9	2724.9	2658.1
27.5°	3816.7	3785.5	3685.2	3578.3	3371.1	3172.8	2880.9	2716.0	2698.2	2678.1	2595.7
30°	3825.6	3838.9	3812.2	3732.0	3515.9	3226.2	2912.1	2700.4	2660.3	2589.0	2491.0
32.5°	3645.1	3676.3	3740.9	3769.9	3625.1	3290.8	2938.8	2707.1	2633.6	2462.0	2381.8
35°	3027.9	3090.3	3355.5	3605.0	3656.2	3384.4	2961.1	2707.1	2624.7	2370.7	2308.3
37.5°	2326.1	2377.3	2602.4	3054.7	3518.1	3442.4	3010.1	2691.5	2613.5	2377.3	2292.7
40°	1900.5	1929.5	2027.5	2335.0	3032.4	3346.5	3059.1	2709.3	2580.1	2381.8	2301.6
42.5°	1784.7	1782.4	1762.4	1876.0	2312.7	3065.8	3092.5	2753.9	2524.4	2352.8	2286.0
45°	1706.7	1702.2	1684.4	1706.7	1829.2	2508.8	3068.0	2834.1	2455.3	2250.3	2205.8
47.5°	1622.0	1624.3	1617.6	1626.5	1604.2	1905.0	2929.9	2867.5	2337.2	2078.8	2063.2
50°	1419.3	1452.7	1541.8	1550.7	1492.8	1537.4	2508.8	2851.9	2252.6	2029.8	2016.4
52.5°	882.3	935.8	1198.7	1421.5	1388.1	1388.1	1913.9	2874.2	2101.1	2011.9	2020.8
55°	311.9	352.0	641.7	978.1	1243.3	1267.8	1512.9	2557.8	2083.2	2043.1	2052.0
57.5°	78.0	95.8	196.1	423.3	837.8	1149.7	1352.4	2112.2	1581.9	1526.2	1548.5
60°	91.4	89.1	122.5	135.9	325.3	909.0	1218.7	1426.0	1020.5	955.8	967.0
62.5°	98.0	91.4	95.8	120.3	53.5	445.6	971.4	848.9	421.1	311.9	329.8
65°	86.9	82.4	75.8	111.4	37.9	82.4	572.6	249.5	60.2	95.8	86.9
67.5°	57.9	60.2	62.4	89.1	35.6	35.6	75.8	62.4	42.3	86.9	75.8
70°	33.4	35.6	42.3	53.5	35.6	29.0	33.4	51.2	35.6	86.9	75.8
72.5°	20.1	20.1	20.1	22.3	35.6	24.5	22.3	42.3	31.2	80.2	75.8
75°	15.6	15.6	15.6	13.4	31.2	15.6	15.6	33.4	26.7	57.9	57.9
77.5°	13.4	13.4	13.4	11.1	17.8	13.4	13.4	24.5	24.5	29.0	33.4
80°	8.9	8.9	8.9	8.9	11.1	11.1	8.9	13.4	11.1	13.4	15.6
82.5°	4.5	6.7	6.7	4.5	6.7	6.7	6.7	8.9	6.7	8.9	8.9
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.5	2.2	2.2	4.5
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: P980987
CATALOG NUMBER: NFFLD-S-C15-7060-66

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3	2787.3
2.5°	2785.1	2796.2	2811.8	2836.3	2845.2	2860.8	2874.2	2885.3	2885.3	2880.9
5°	2820.7	2851.9	2894.2	2932.1	2945.5	2961.1	2967.8	2978.9	2976.7	2974.5
7.5°	2851.9	2900.9	2945.5	2972.2	2967.8	2947.7	2934.4	2916.5	2909.8	2914.3
10°	2876.4	2921.0	2941.0	2923.2	2869.7	2823.0	2762.8	2722.7	2702.6	2709.3
12.5°	2885.3	2900.9	2883.1	2785.1	2718.2	2673.7	2624.7	2597.9	2586.8	2589.0
15°	2887.6	2851.9	2753.9	2680.4	2631.3	2575.6	2535.5	2511.0	2511.0	2513.3
17.5°	2840.8	2753.9	2669.2	2613.5	2544.4	2486.5	2464.2	2455.3	2399.6	2408.5
20°	2798.4	2673.7	2626.9	2540.0	2457.5	2419.7	2290.4	2277.1	2279.3	2281.5
22.5°	2709.3	2615.7	2573.4	2459.8	2366.2	2261.5	2243.7	2230.3	2232.5	2232.5
25°	2586.8	2533.3	2475.4	2357.3	2243.7	2223.6	2210.2	2192.4	2183.5	2185.7
27.5°	2517.7	2450.9	2343.9	2243.7	2170.1	2179.0	2163.4	2136.7	2136.7	2138.9
30°	*2430.8*	*2366.2*	*2223.6*	*2105.5*	*2112.2*	*2125.6*	*2087.7*	*2074.3*	*2067.6*	*2067.6*
32.5°	2323.9	2234.7	2110.0	1998.6	2038.7	2034.2	1987.4	1991.9	1996.3	1991.9
35°	2243.7	2127.8	2023.1	1962.9	1947.3	1929.5	1905.0	1920.6	1927.3	1922.8
37.5°	2223.6	2085.5	1976.3	1934.0	1873.8	1840.4	1847.1	1862.7	1871.6	1869.3
40°	2216.9	2043.1	1936.2	1891.6	1811.4	1782.4	1791.4	1822.6	1833.7	1831.5
42.5°	2208.0	2014.2	1911.7	1858.2	1746.8	1726.7	1769.1	1798.0	1800.3	1798.0
45°	2161.2	1983.0	1896.1	1789.1	1648.8	1673.3	1726.7	1742.3	1715.6	1704.5
47.5°	2052.0	1925.0	1849.3	1704.5	1568.6	1615.3	1622.0	1452.7	1354.7	1332.4
50°	2020.8	1927.3	1795.8	1604.2	1519.5	1566.3	1274.4	973.7	851.1	826.6
52.5°	2011.9	1905.0	1815.9	1499.5	1501.7	1321.2	804.3	476.8	383.2	365.4
55°	2034.2	2003.0	1849.3	1437.1	1397.0	860.0	374.3	225.0	231.7	225.0
57.5°	1535.1	1675.5	1889.4	1339.1	1020.5	414.4	236.2	218.3	202.8	198.3
60°	958.1	1091.7	1383.6	1151.9	523.6	247.3	240.6	202.8	196.1	193.8
62.5°	316.4	485.7	793.2	757.5	144.8	245.1	242.9	180.5	180.5	180.5
65°	80.2	82.4	218.3	260.7	106.9	218.3	231.7	169.3	164.9	171.6
67.5°	69.1	62.4	115.9	102.5	89.1	151.5	202.8	162.6	153.7	153.7
70°	69.1	73.5	113.6	95.8	55.7	82.4	147.1	100.3	89.1	82.4
72.5°	64.6	71.3	100.3	86.9	37.9	40.1	64.6	33.4	31.2	26.7
75°	55.7	57.9	78.0	78.0	40.1	20.1	26.7	22.3	22.3	20.1
77.5°	37.9	29.0	44.6	55.7	29.0	13.4	11.1	11.1	11.1	8.9
80°	20.1	11.1	11.1	8.9	11.1	11.1	6.7	8.9	8.9	6.7
82.5°	11.1	6.7	6.7	4.5	4.5	6.7	4.5	4.5	4.5	4.5
85°	4.5	4.5	2.2	2.2	2.2	4.5	2.2	2.2	2.2	2.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
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

Lumark

Report Number: SP1-2501-319-12

Test Date: 02/05/2025

Luminaire Tested: NFFLD-C55-7060-66

Data in this report applies to families of products including NFFLD-C55-7060-66

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

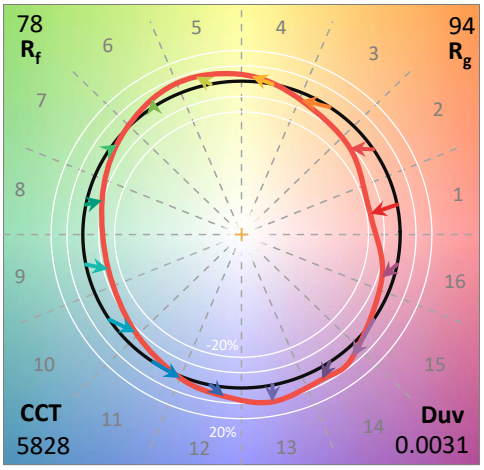
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-319-12
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	02/06/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Lumark
Catalog Number:	**NFFLD-C55-7060-66**
Description:	LUMARK NIGHT FALCON 16900LM NEMA 6

Spectral Parameters

CCT (K):	5828	CRI (Ra):	76.1		
CIE u':	0.2021	R1:	72.5	R9:	-29.6
CIE v':	0.4762	R2:	81.4	R10:	56.3
Duv:	0.0031	R3:	88.0	R11:	74.3
CIE x:	0.3252	R4:	76.1	R12:	56.2
CIE y:	0.3405	R5:	74.8	R13:	74.3
CIE z:	0.3343	R6:	75.0	R14:	93.5
Peak Wavelength (nm):	449	R7:	82.7	R15:	65.1
Dominant Wavelength (nm):	503	R8:	58.0		
Purity:	2.477017				

Rf:	78
Rg:	93.6



Test Conditions

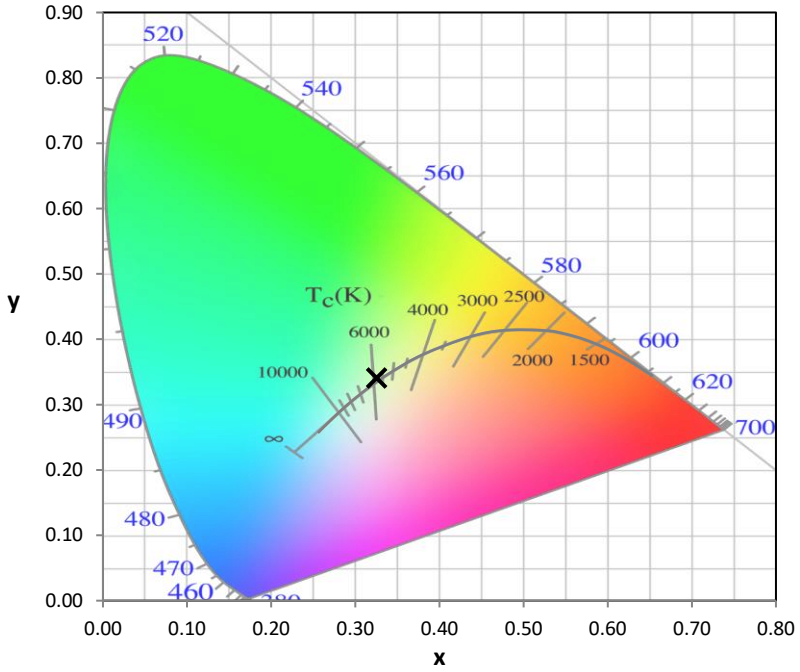
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-319-12

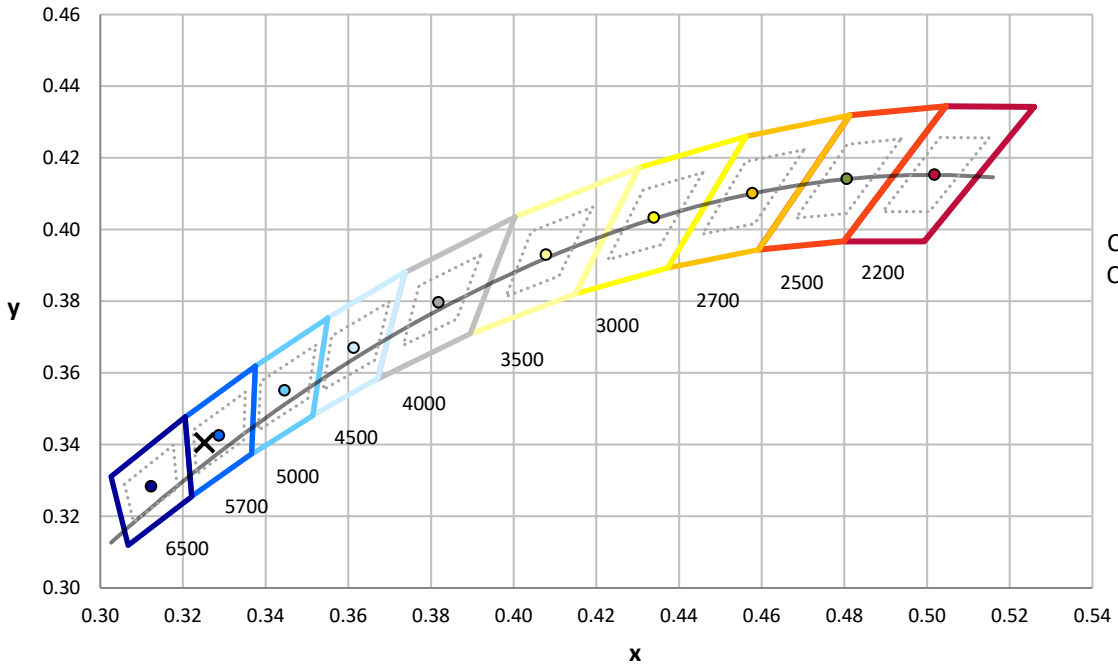
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/212025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-319-12

CIE 1931 Chromaticity Diagram



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

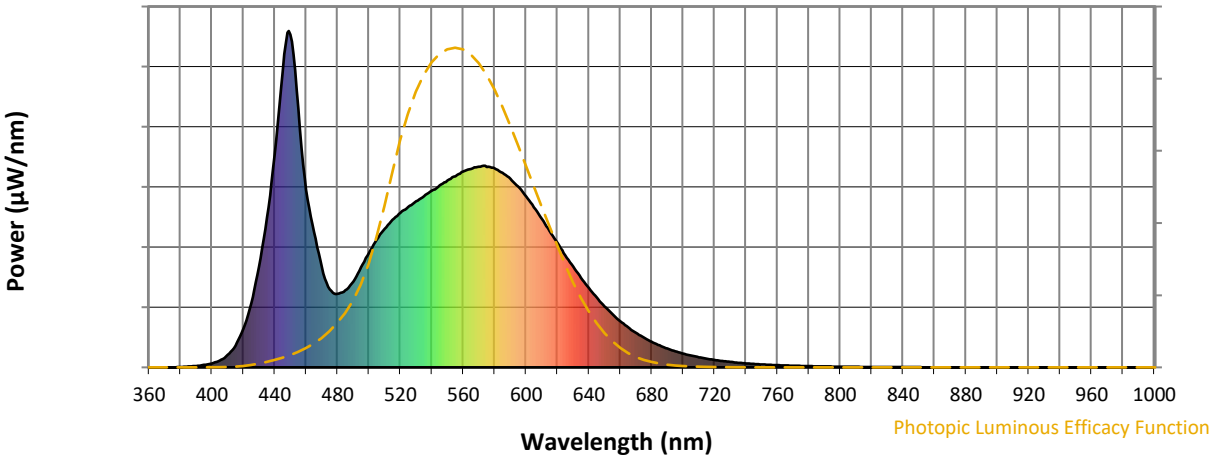


CCT = 5828K
CIE x = 0.3252
CIE y = 0.3405
Duv = 0.0031

Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2501-319-12

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	255	NR	620	370	NR	750	9	NR	880	0	NR
365	0	NR	495	298	NR	625	333	NR	755	8	NR	885	0	NR
370	0	NR	500	340	NR	630	300	NR	760	7	NR	890	0	NR
375	0	NR	505	380	NR	635	267	NR	765	6	NR	895	0	NR
380	1	NR	510	412	NR	640	236	NR	770	5	NR	900	0	NR
385	2	NR	515	439	NR	645	208	NR	775	4	NR	905	0	NR
390	4	NR	520	459	NR	650	181	NR	780	4	NR	910	0	NR
395	7	NR	525	477	NR	655	158	NR	785	3	NR	915	0	NR
400	12	NR	530	494	NR	660	137	NR	790	3	NR	920	0	NR
405	20	NR	535	509	NR	665	119	NR	795	2	NR	925	0	NR
410	37	NR	540	525	NR	670	102	NR	800	2	NR	930	0	NR
415	65	NR	545	541	NR	675	88	NR	805	2	NR	935	0	NR
420	114	NR	550	555	NR	680	76	NR	810	2	NR	940	0	NR
425	191	NR	555	568	NR	685	65	NR	815	1	NR	945	0	NR
430	299	NR	560	582	NR	690	56	NR	820	1	NR	950	0	NR
435	445	NR	565	589	NR	695	48	NR	825	1	NR	955	0	NR
440	633	NR	570	597	NR	700	41	NR	830	1	NR	960	0	NR
445	878	NR	575	595	NR	705	35	NR	835	1	NR	965	0	NR
450	989	NR	580	592	NR	710	30	NR	840	1	NR	970	0	NR
455	770	NR	585	578	NR	715	26	NR	845	1	NR	975	0	NR
460	528	NR	590	561	NR	720	22	NR	850	1	NR	980	0	NR
465	403	NR	595	537	NR	725	19	NR	855	1	NR	985	0	NR
470	296	NR	600	508	NR	730	16	NR	860	0	NR	990	0	NR
475	232	NR	605	476	NR	735	14	NR	865	0	NR	995	0	NR
480	219	NR	610	441	NR	740	12	NR	870	0	NR	1000	0	NR
485	230	NR	615	405	NR	745	10	NR	875	0	NR			

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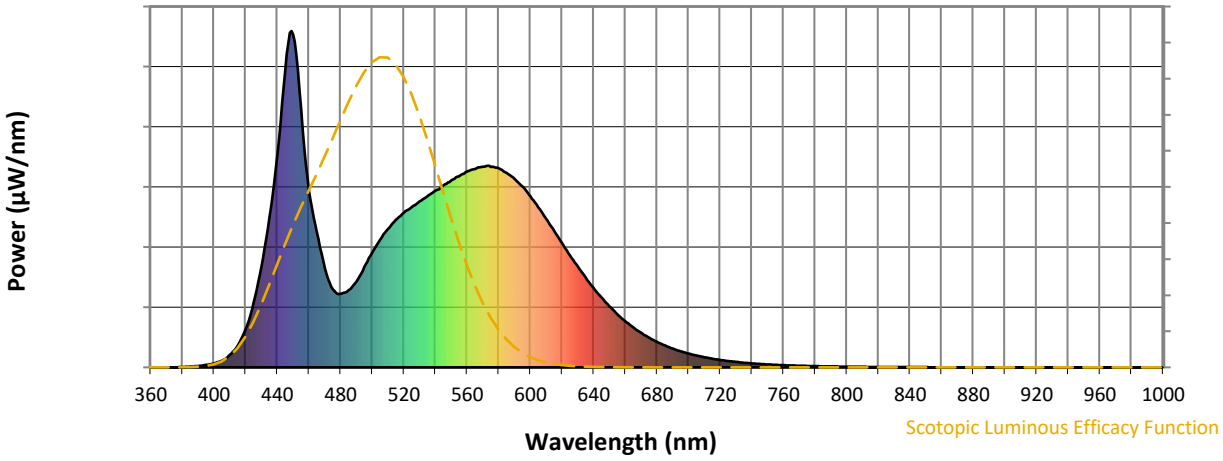
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 2.03**

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	255	NR	620	370	NR	750	9	NR	880	0	NR
365	0	NR	495	298	NR	625	333	NR	755	8	NR	885	0	NR
370	0	NR	500	340	NR	630	300	NR	760	7	NR	890	0	NR
375	0	NR	505	380	NR	635	267	NR	765	6	NR	895	0	NR
380	1	NR	510	412	NR	640	236	NR	770	5	NR	900	0	NR
385	2	NR	515	439	NR	645	208	NR	775	4	NR	905	0	NR
390	4	NR	520	459	NR	650	181	NR	780	4	NR	910	0	NR
395	7	NR	525	477	NR	655	158	NR	785	3	NR	915	0	NR
400	12	NR	530	494	NR	660	137	NR	790	3	NR	920	0	NR
405	20	NR	535	509	NR	665	119	NR	795	2	NR	925	0	NR
410	37	NR	540	525	NR	670	102	NR	800	2	NR	930	0	NR
415	65	NR	545	541	NR	675	88	NR	805	2	NR	935	0	NR
420	114	NR	550	555	NR	680	76	NR	810	2	NR	940	0	NR
425	191	NR	555	568	NR	685	65	NR	815	1	NR	945	0	NR
430	299	NR	560	582	NR	690	56	NR	820	1	NR	950	0	NR
435	445	NR	565	589	NR	695	48	NR	825	1	NR	955	0	NR
440	633	NR	570	597	NR	700	41	NR	830	1	NR	960	0	NR
445	878	NR	575	595	NR	705	35	NR	835	1	NR	965	0	NR
450	989	NR	580	592	NR	710	30	NR	840	1	NR	970	0	NR
455	770	NR	585	578	NR	715	26	NR	845	1	NR	975	0	NR
460	528	NR	590	561	NR	720	22	NR	850	1	NR	980	0	NR
465	403	NR	595	537	NR	725	19	NR	855	1	NR	985	0	NR
470	296	NR	600	508	NR	730	16	NR	860	0	NR	990	0	NR
475	232	NR	605	476	NR	735	14	NR	865	0	NR	995	0	NR
480	219	NR	610	441	NR	740	12	NR	870	0	NR	1000	0	NR
485	230	NR	615	405	NR	745	10	NR	875	0	NR			

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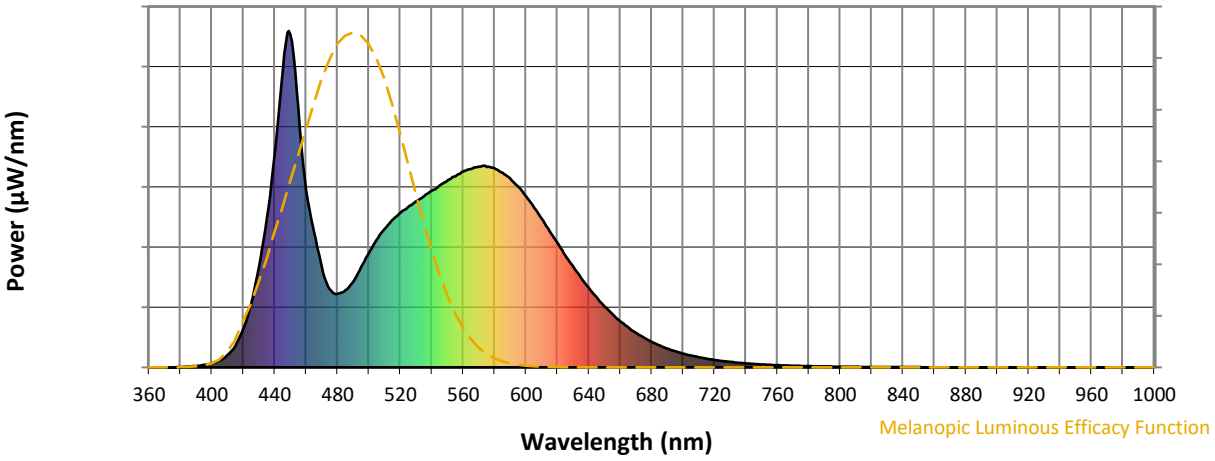
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.34**

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	255	NR	620	370	NR	750	9	NR	880	0	NR
365	0	NR	495	298	NR	625	333	NR	755	8	NR	885	0	NR
370	0	NR	500	340	NR	630	300	NR	760	7	NR	890	0	NR
375	0	NR	505	380	NR	635	267	NR	765	6	NR	895	0	NR
380	1	NR	510	412	NR	640	236	NR	770	5	NR	900	0	NR
385	2	NR	515	439	NR	645	208	NR	775	4	NR	905	0	NR
390	4	NR	520	459	NR	650	181	NR	780	4	NR	910	0	NR
395	7	NR	525	477	NR	655	158	NR	785	3	NR	915	0	NR
400	12	NR	530	494	NR	660	137	NR	790	3	NR	920	0	NR
405	20	NR	535	509	NR	665	119	NR	795	2	NR	925	0	NR
410	37	NR	540	525	NR	670	102	NR	800	2	NR	930	0	NR
415	65	NR	545	541	NR	675	88	NR	805	2	NR	935	0	NR
420	114	NR	550	555	NR	680	76	NR	810	2	NR	940	0	NR
425	191	NR	555	568	NR	685	65	NR	815	1	NR	945	0	NR
430	299	NR	560	582	NR	690	56	NR	820	1	NR	950	0	NR
435	445	NR	565	589	NR	695	48	NR	825	1	NR	955	0	NR
440	633	NR	570	597	NR	700	41	NR	830	1	NR	960	0	NR
445	878	NR	575	595	NR	705	35	NR	835	1	NR	965	0	NR
450	989	NR	580	592	NR	710	30	NR	840	1	NR	970	0	NR
455	770	NR	585	578	NR	715	26	NR	845	1	NR	975	0	NR
460	528	NR	590	561	NR	720	22	NR	850	1	NR	980	0	NR
465	403	NR	595	537	NR	725	19	NR	855	1	NR	985	0	NR
470	296	NR	600	508	NR	730	16	NR	860	0	NR	990	0	NR
475	232	NR	605	476	NR	735	14	NR	865	0	NR	995	0	NR
480	219	NR	610	441	NR	740	12	NR	870	0	NR	1000	0	NR
485	230	NR	615	405	NR	745	10	NR	875	0	NR			

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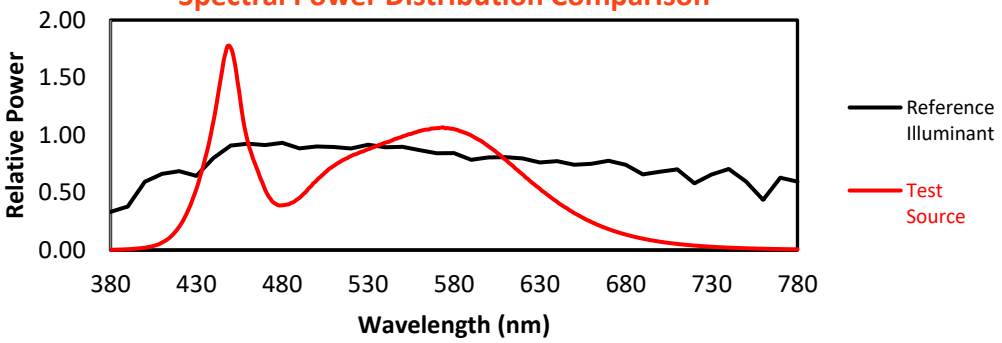
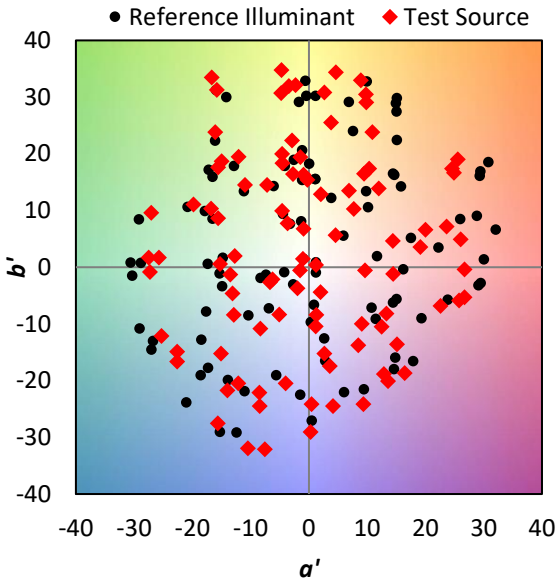
Summary

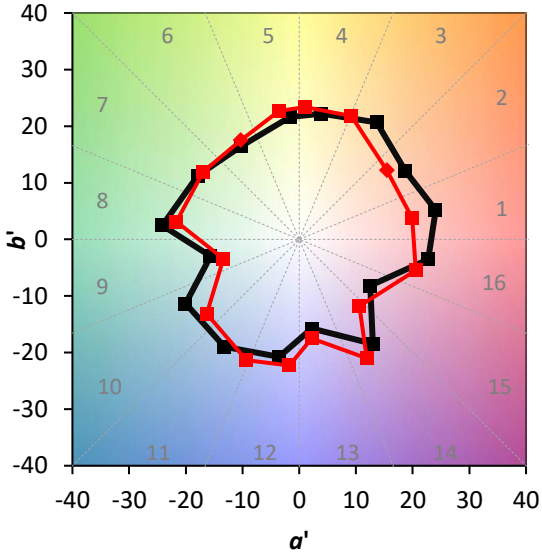
R_f = 78
R_g = 93.6
CIE R_a = 76.1
R_9 = -29.6

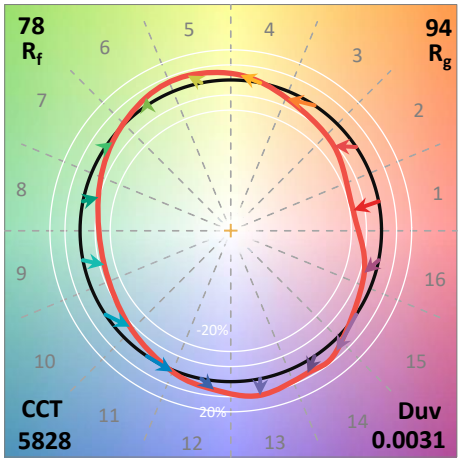
Spectral Power Distribution Comparison

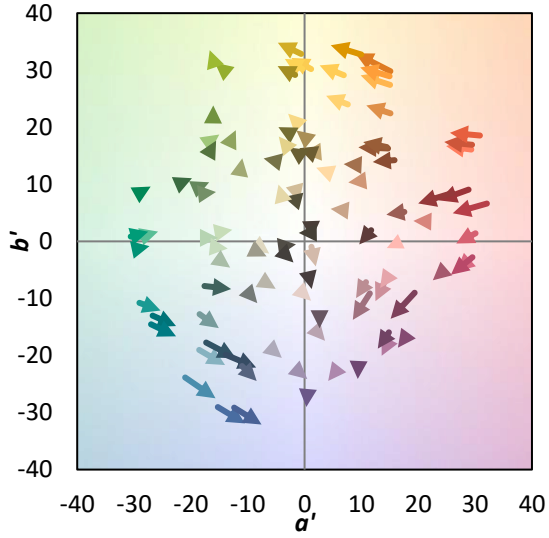


Color Vector Graphics









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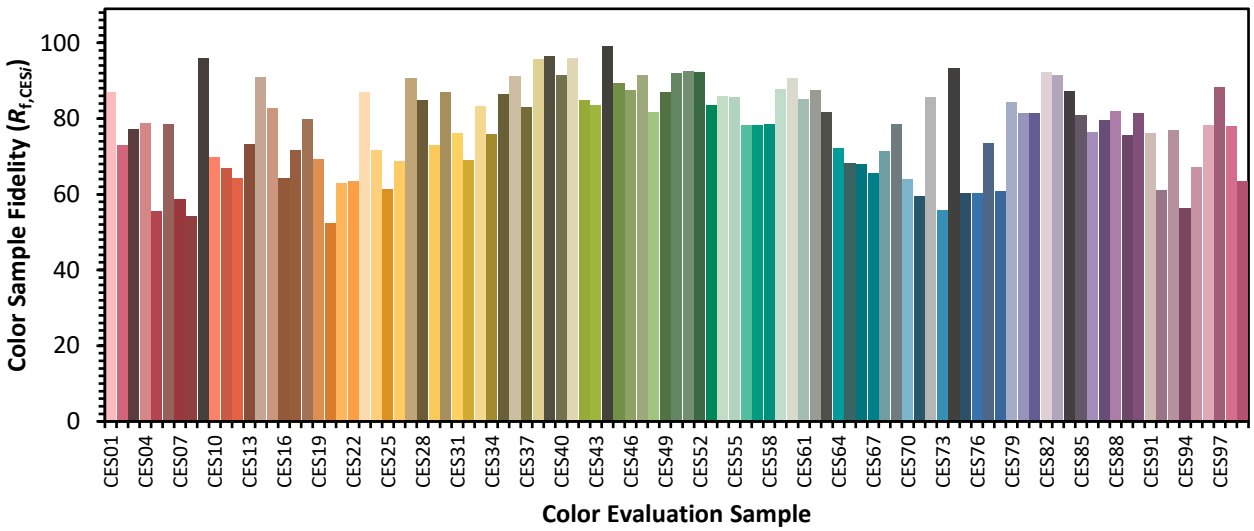
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 69	CES51 = 92	CES76 = 60
CES02 = 59	CES27 = 91	CES52 = 92	CES77 = 73
CES03 = 30	CES28 = 85	CES53 = 84	CES78 = 61
CES04 = 68	CES29 = 73	CES54 = 86	CES79 = 84
CES05 = 45	CES30 = 87	CES55 = 86	CES80 = 82
CES06 = 50	CES31 = 76	CES56 = 78	CES81 = 81
CES07 = 38	CES32 = 69	CES57 = 78	CES82 = 92
CES08 = 37	CES33 = 83	CES58 = 79	CES83 = 92
CES09 = 29	CES34 = 76	CES59 = 88	CES84 = 87
CES10 = 72	CES35 = 87	CES60 = 91	CES85 = 81
CES11 = 55	CES36 = 91	CES61 = 85	CES86 = 76
CES12 = 61	CES37 = 83	CES62 = 88	CES87 = 80
CES13 = 41	CES38 = 96	CES63 = 82	CES88 = 82
CES14 = 74	CES39 = 96	CES64 = 72	CES89 = 76
CES15 = 70	CES40 = 92	CES65 = 68	CES90 = 81
CES16 = 45	CES41 = 96	CES66 = 68	CES91 = 76
CES17 = 48	CES42 = 85	CES67 = 65	CES92 = 61
CES18 = 55	CES43 = 83	CES68 = 71	CES93 = 77
CES19 = 70	CES44 = 99	CES69 = 78	CES94 = 56
CES20 = 63	CES45 = 89	CES70 = 64	CES95 = 67
CES21 = 85	CES46 = 88	CES71 = 59	CES96 = 78
CES22 = 77	CES47 = 91	CES72 = 86	CES97 = 88
CES23 = 91	CES48 = 82	CES73 = 56	CES98 = 78
CES24 = 90	CES49 = 87	CES74 = 93	CES99 = 64
CES25 = 71	CES50 = 92	CES75 = 60	



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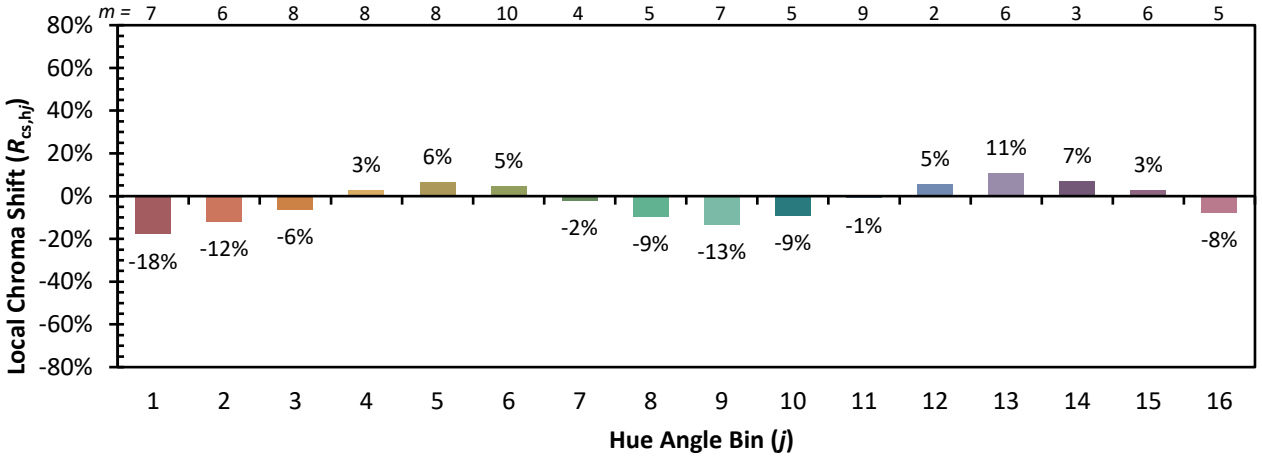
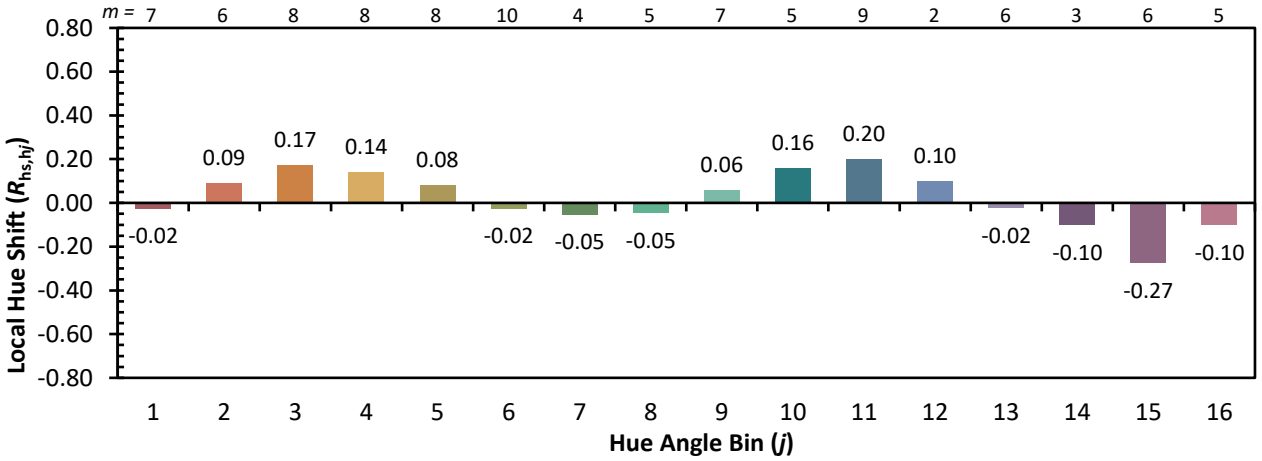
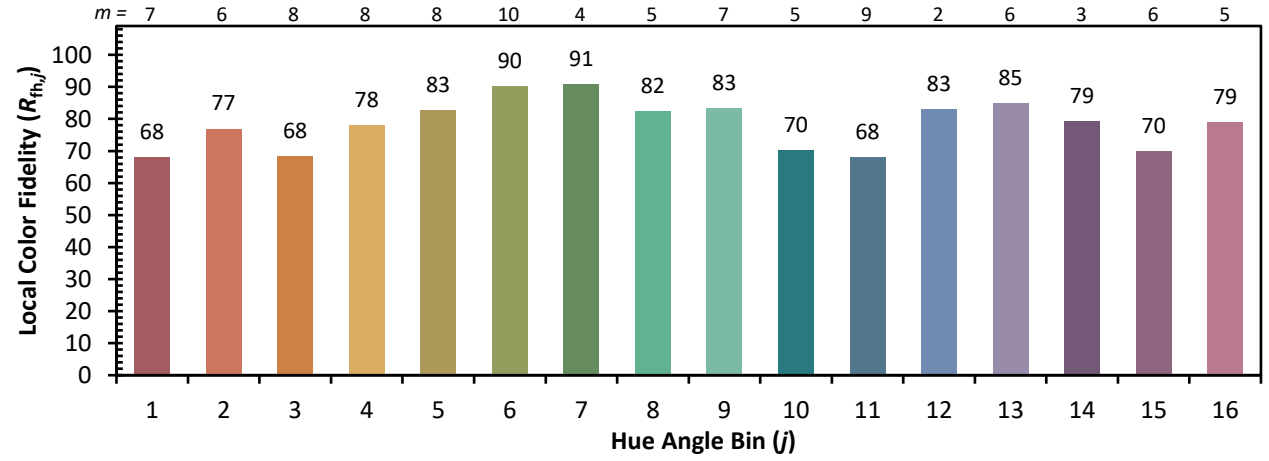
Color Rendition by Hue-Angle Bin







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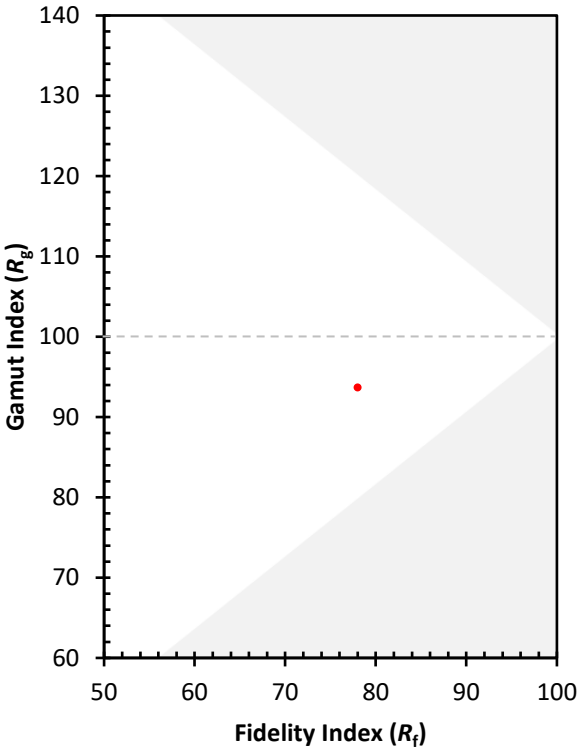
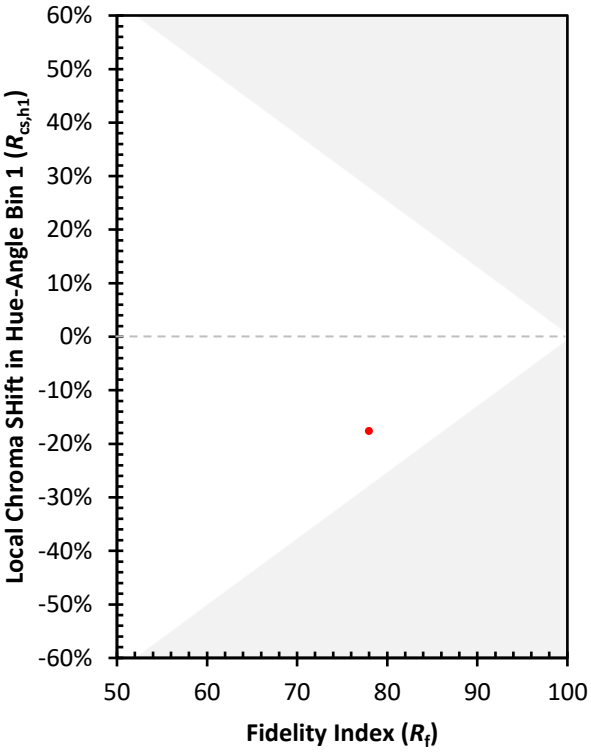
Measure Comparisons





(END OF REPORT)