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: P980979

Luminaire Tested: **NFFLD-C55-7050-66**

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:	P980979
Test Lab:	INNOVATION CENTER(G2)
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NFFLD-C55-7050-66
Description:	LUMARK NIGHT FALCON MEDIUM SIZE 150W 70CRI 5000K LED FIXTURE NEMA 6
Light Source:	(2) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24884.5 lumens
Efficiency:	N/A
Efficacy:	165.5 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):	150.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	2.83%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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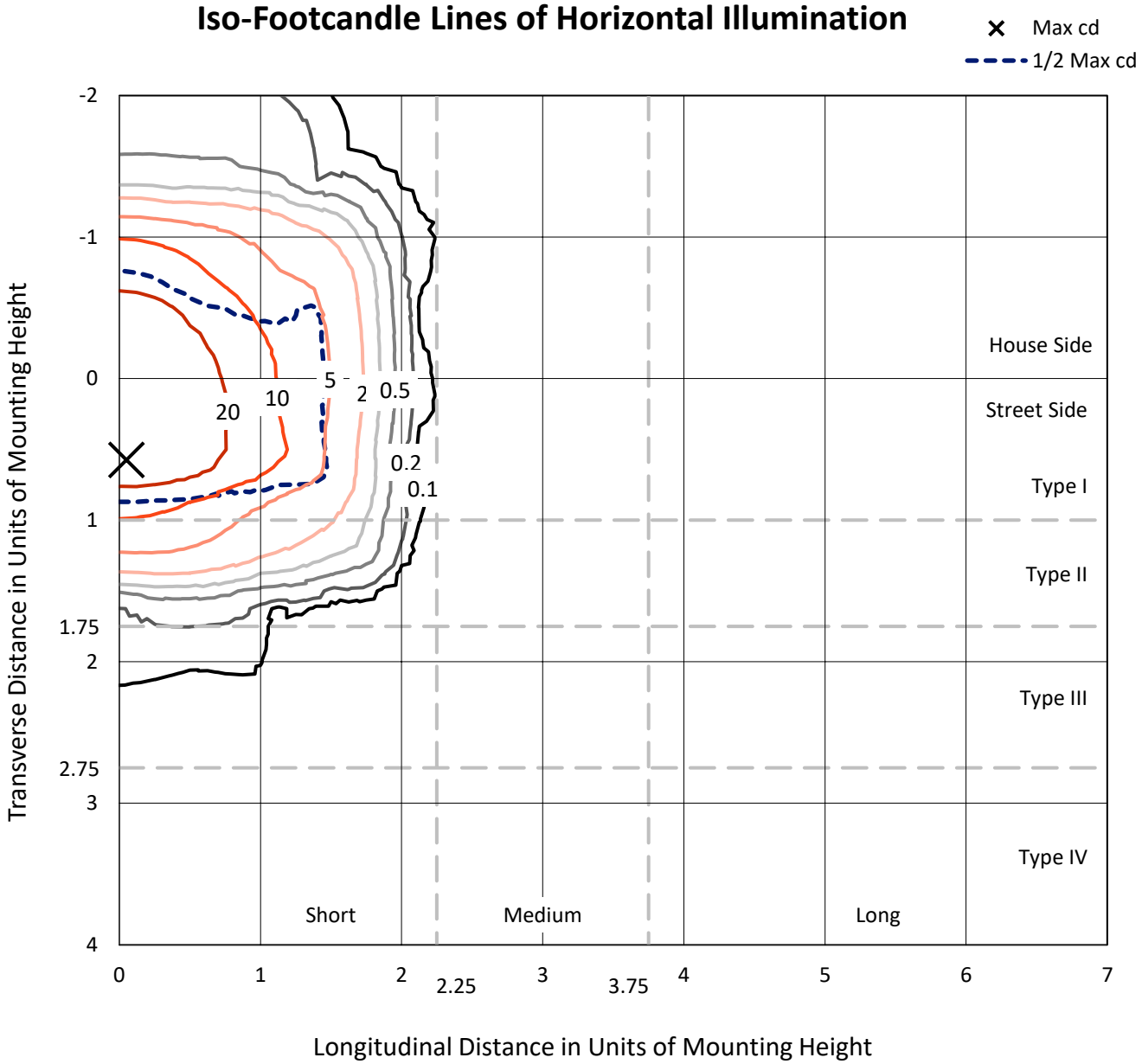
Scaled Data Report

REPORT NUMBER: P980979
CATALOG NUMBER: NFFLD-C55-7050-66

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 46.3 fc
Type I - Short - N/A

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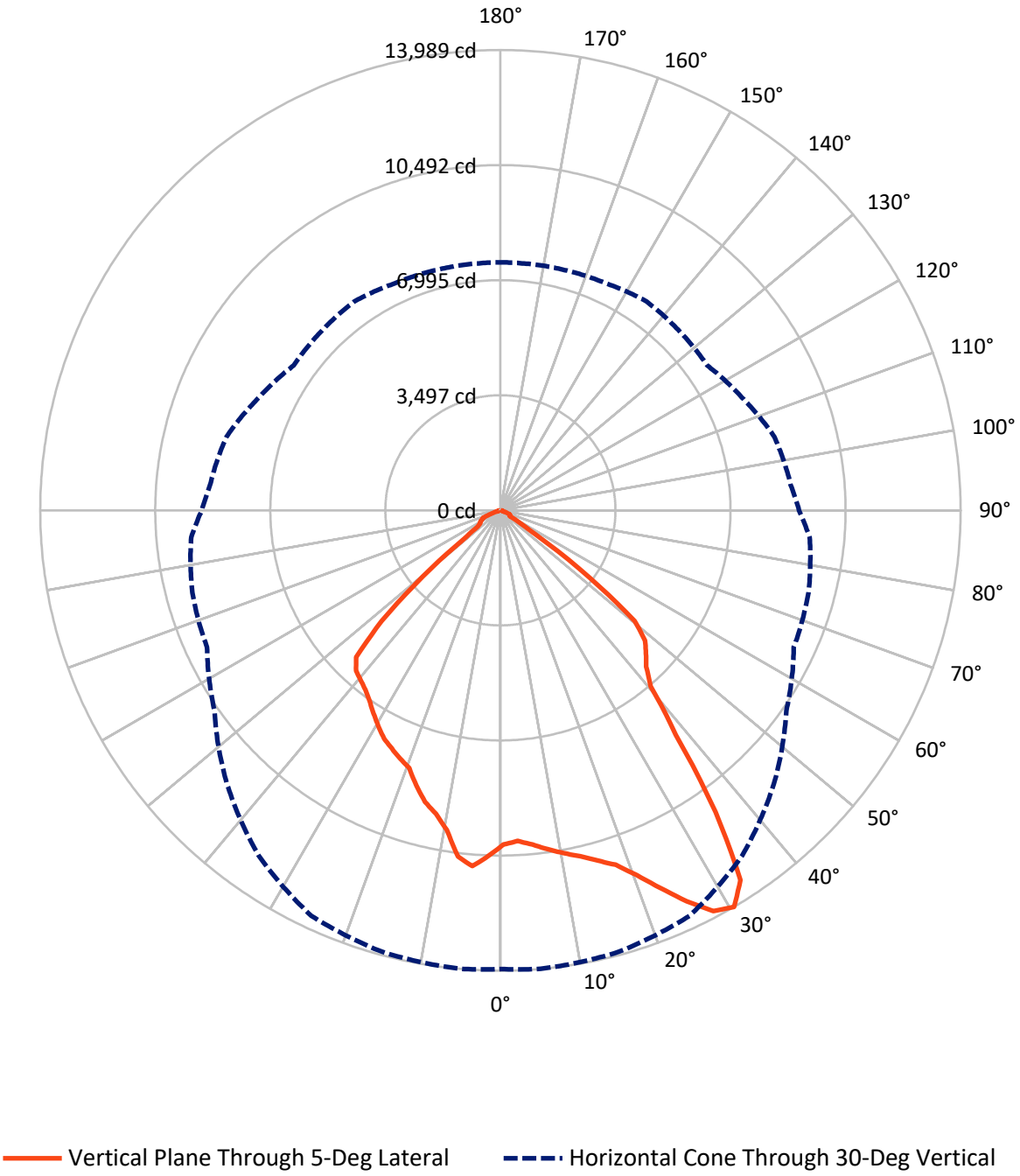
Luminous Intensity Polar Plot



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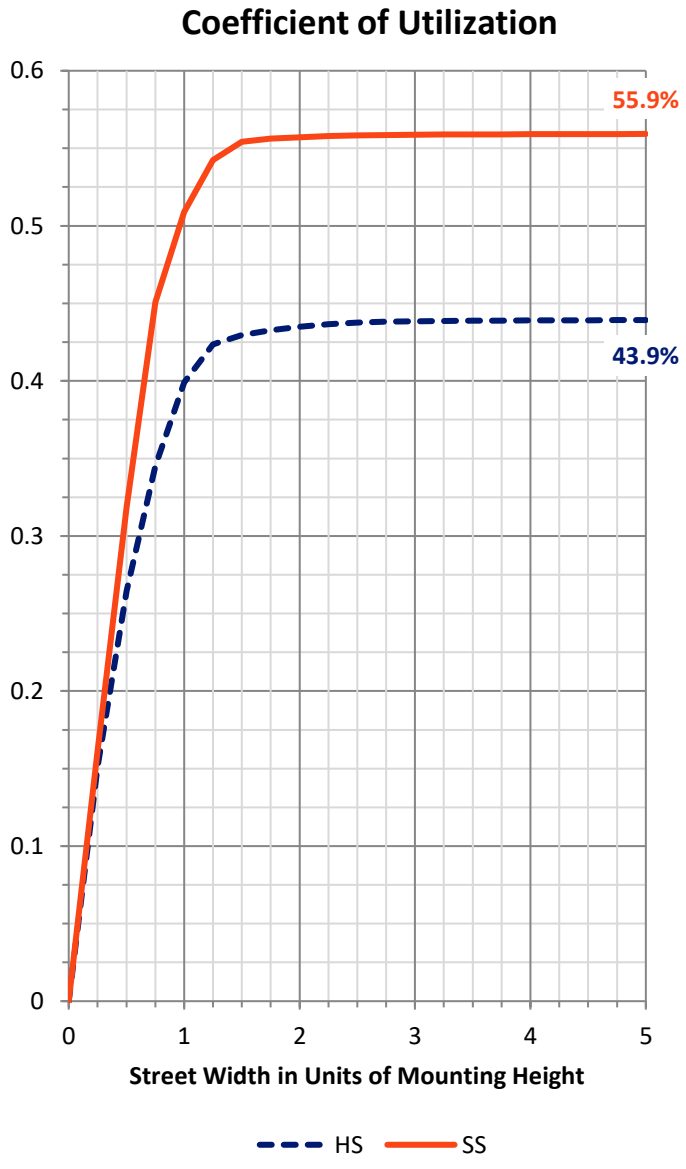
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11006.2	0.0	11006.2
	% Fixture	44.2	0.0	44.2
Street Side	Lumens	13878.3	0.0	13878.3
	% Fixture	55.8	0.0	55.8
Total	Lumens	24884.5	0.0	24884.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	993.6	4.0
10°-20°	2878.3	11.6
20°-30°	4586.8	18.4
30°-40°	5734.2	23.0
40°-50°	5627.2	22.6
50°-60°	4023.1	16.2
60°-70°	890.1	3.6
70°-80°	136.7	0.5
80°-90°	14.5	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°	24884.5	100.0
0°-180°	24884.5	100.0



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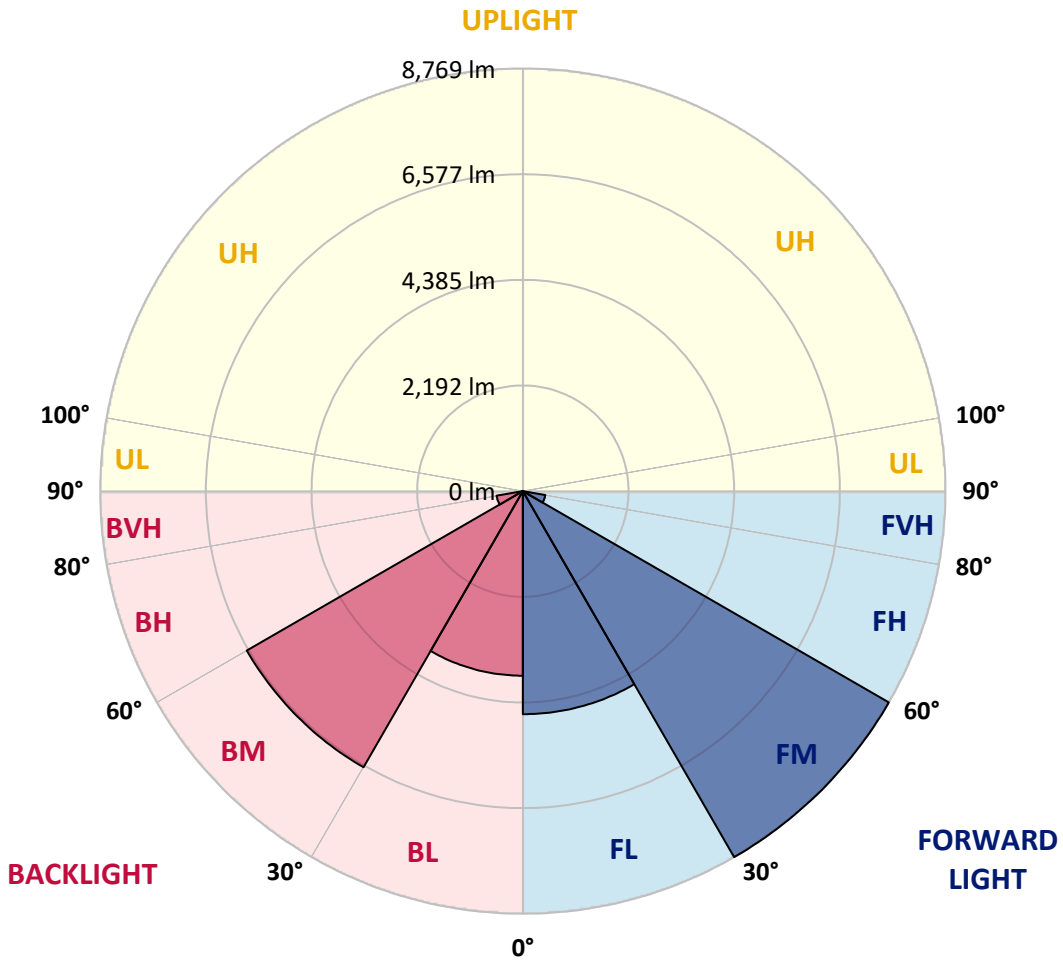
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4628.3	18.6			
FM	(30°-60°)	8769.3	35.2			
FH	(60°-80°)	473.4	1.9			G0/660
FVH	(80°-90°)	7.3	0.0			G0/10
BL	(0°-30°)	3830.4	15.4	B4/5000		
BM	(30°-60°)	6615.2	26.6	B4/8500		
BH	(60°-80°)	553.4	2.2	B2/1000		G2/1000
BVH	(80°-90°)	7.2	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°	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0
2.5°	10043.3	10059.5	10075.8	10100.1	10132.6	10148.9	10132.6	10116.4	10108.3	10124.5	10132.6
5°	10181.3	10205.7	10213.8	10230.0	10246.3	10230.0	10221.9	10205.7	10197.6	10205.7	10230.0
7.5°	10384.3	10400.5	10392.4	10384.3	10376.2	10319.4	10262.5	10238.2	10238.2	10262.5	10327.5
10°	10562.9	10595.4	10554.8	10522.3	10465.5	10376.2	10278.8	10221.9	10238.2	10286.9	10368.1
12.5°	10790.3	10790.3	10749.7	10717.2	10587.3	10481.7	10351.8	10262.5	10262.5	10351.8	10441.1
15°	11066.3	11042.0	11025.7	10936.4	10782.1	10611.6	10449.3	10319.4	10295.0	10433.0	10489.9
17.5°	11415.4	11326.1	11285.5	11131.3	10920.2	10701.0	10481.7	10376.2	10303.1	10449.3	10384.3
20°	11894.5	11829.5	11699.6	11456.0	11025.7	10741.6	10481.7	10343.7	10286.9	10368.1	10303.1
22.5°	12511.5	12470.9	12178.6	11870.1	11301.8	10774.0	10441.1	10254.4	10238.2	10197.6	10059.5
25°	13266.6	13161.0	12860.6	12422.2	11715.8	11090.7	10433.0	10092.0	10035.2	9929.6	9686.1
27.5°	13908.0	13794.3	13429.0	13039.3	12284.2	11561.6	10498.0	9897.2	9832.2	9759.1	9458.7
30°	13940.5	13989.2	13891.8	13599.5	12811.9	11756.4	10611.6	9840.3	9694.2	9434.4	9077.1
32.5°	13282.8	13396.5	13631.9	13737.5	13209.8	11991.9	10709.1	9864.7	9596.8	8971.6	8679.3
35°	11033.8	11261.2	12227.3	13136.7	13323.4	12332.9	10790.3	9864.7	9564.3	8638.7	8411.4
37.5°	8476.3	8663.1	9483.1	11131.3	12820.0	12544.0	10968.9	9807.9	9523.7	8663.1	8354.5
40°	6925.6	7031.1	7388.4	8508.8	11050.1	12194.9	11147.5	9872.8	9401.9	8679.3	8387.0
42.5°	6503.4	6495.3	6422.2	6836.3	8427.6	11171.9	11269.3	10035.2	9198.9	8573.8	8330.2
45°	6219.2	6203.0	6138.0	6219.2	6665.8	9142.1	11180.0	10327.5	8947.2	8200.3	8037.9
47.5°	5910.7	5918.8	5894.5	5926.9	5845.7	6941.8	10676.6	10449.3	8516.9	7575.1	7518.3
50°	5171.9	5293.6	5618.4	5650.9	5439.8	5602.2	9142.1	10392.4	8208.4	7396.5	7347.8
52.5°	3215.2	3410.0	4368.1	5180.0	5058.2	5058.2	6974.3	10473.6	7656.3	7331.5	7364.0
55°	1136.7	1282.8	2338.3	3564.3	4530.5	4619.8	5512.9	9320.7	7591.3	7445.2	7477.7
57.5°	284.2	349.1	714.5	1542.6	3052.8	4189.4	4928.3	7696.9	5764.6	5561.6	5642.8
60°	332.9	324.8	446.5	495.3	1185.4	3312.6	4441.1	5196.2	3718.5	3483.1	3523.7
62.5°	357.2	332.9	349.1	438.4	194.9	1623.8	3539.9	3093.4	1534.5	1136.7	1201.6
65°	316.6	300.4	276.0	406.0	138.0	300.4	2086.6	909.3	219.2	349.1	316.6
67.5°	211.1	219.2	227.3	324.8	129.9	129.9	276.0	227.3	154.3	316.6	276.0
70°	121.8	129.9	154.3	194.9	129.9	105.5	121.8	186.7	129.9	316.6	276.0
72.5°	73.1	73.1	73.1	81.2	129.9	89.3	81.2	154.3	113.7	292.3	276.0
75°	56.8	56.8	56.8	48.7	113.7	56.8	56.8	121.8	97.4	211.1	211.1
77.5°	48.7	48.7	48.7	40.6	65.0	48.7	48.7	89.3	89.3	105.5	121.8
80°	32.5	32.5	32.5	32.5	40.6	40.6	32.5	48.7	40.6	48.7	56.8
82.5°	16.2	24.4	24.4	16.2	24.4	24.4	24.4	32.5	24.4	32.5	32.5
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	16.2	8.1	8.1	16.2
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: P980979
CATALOG NUMBER: NFFLD-C55-7050-66

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0	10157.0
2.5°	10148.9	10189.5	10246.3	10335.6	10368.1	10424.9	10473.6	10514.2	10514.2	10498.0
5°	10278.8	10392.4	10546.7	10684.7	10733.4	10790.3	10814.6	10855.2	10847.1	10839.0
7.5°	10392.4	10571.1	10733.4	10830.9	10814.6	10741.6	10692.8	10627.9	10603.5	10619.8
10°	10481.7	10644.1	10717.2	10652.2	10457.4	10286.9	10067.7	9921.5	9848.5	9872.8
12.5°	10514.2	10571.1	10506.1	10148.9	9905.3	9742.9	9564.3	9466.9	9426.3	9434.4
15°	10522.3	10392.4	10035.2	9767.3	9588.6	9385.7	9239.5	9150.2	9150.2	9158.3
17.5°	10351.8	10035.2	9726.7	9523.7	9272.0	9060.9	8979.7	8947.2	8744.3	8776.7
20°	10197.6	9742.9	9572.4	9255.8	8955.4	8817.3	8346.4	8297.7	8305.8	8313.9
22.5°	9872.8	9531.8	9377.5	8963.5	8622.5	8240.9	8175.9	8127.2	8135.3	8135.3
25°	9426.3	9231.4	9020.3	8590.0	8175.9	8102.8	8054.1	7989.2	7956.7	7964.8
27.5°	9174.6	8931.0	8541.3	8175.9	7908.0	7940.5	7883.6	7786.2	7786.2	7794.3
30°	*8857.9*	*8622.5*	*8102.8*	*7672.5*	*7696.9*	*7745.6*	*7607.6*	*7558.9*	*7534.5*	*7534.5*
32.5°	8468.2	8143.4	7688.8	7282.8	7429.0	7412.7	7242.2	7258.5	7274.7	7258.5
35°	8175.9	7753.7	7372.1	7152.9	7096.1	7031.1	6941.8	6998.7	7023.0	7006.8
37.5°	8102.8	7599.5	7201.6	7047.4	6828.2	6706.4	6730.7	6787.6	6820.0	6811.9
40°	8078.5	7445.2	7055.5	6893.1	6600.8	6495.3	6527.7	6641.4	6682.0	6673.9
42.5°	8046.0	7339.7	6966.2	6771.3	6365.4	6292.3	6446.6	6552.1	6560.2	6552.1
45°	7875.5	7226.0	6909.3	6519.6	6008.1	6097.4	6292.3	6349.1	6251.7	6211.1
47.5°	7477.7	7014.9	6738.8	6211.1	5715.8	5886.3	5910.7	5293.6	4936.4	4855.2
50°	7364.0	7023.0	6544.0	5845.7	5537.2	5707.7	4644.1	3548.0	3101.5	3012.2
52.5°	7331.5	6941.8	6617.1	5464.1	5472.3	4814.6	2931.0	1737.5	1396.5	1331.5
55°	7412.7	7299.1	6738.8	5236.8	5090.7	3134.0	1364.0	820.0	844.4	820.0
57.5°	5594.1	6105.6	6885.0	4879.6	3718.5	1510.2	860.6	795.7	738.8	722.6
60°	3491.2	3978.4	5042.0	4197.6	1908.0	901.2	876.9	738.8	714.5	706.4
62.5°	1152.9	1770.0	2890.4	2760.5	527.7	893.1	885.0	657.6	657.6	657.6
65°	292.3	300.4	795.7	949.9	389.7	795.7	844.4	617.1	600.8	625.2
67.5°	251.7	227.3	422.2	373.5	324.8	552.1	738.8	592.7	560.2	560.2
70°	251.7	267.9	414.1	349.1	203.0	300.4	535.9	365.4	324.8	300.4
72.5°	235.5	259.8	365.4	316.6	138.0	146.1	235.5	121.8	113.7	97.4
75°	203.0	211.1	284.2	284.2	146.1	73.1	97.4	81.2	81.2	73.1
77.5°	138.0	105.5	162.4	203.0	105.5	48.7	40.6	40.6	40.6	32.5
80°	73.1	40.6	40.6	32.5	40.6	40.6	24.4	32.5	32.5	24.4
82.5°	40.6	24.4	24.4	16.2	16.2	24.4	16.2	16.2	16.2	16.2
85°	16.2	16.2	8.1	8.1	8.1	16.2	8.1	8.1	8.1	8.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	8.1
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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Peachtree City, GA 30269

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

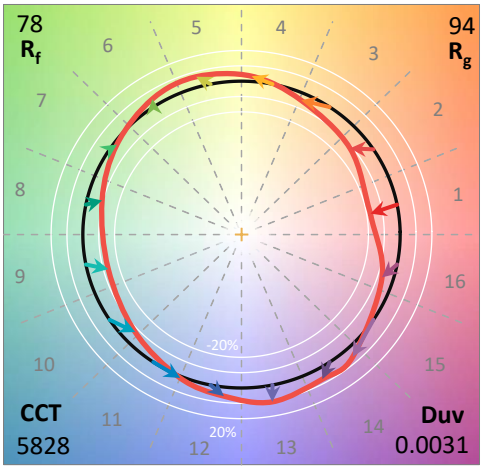
Test Information

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

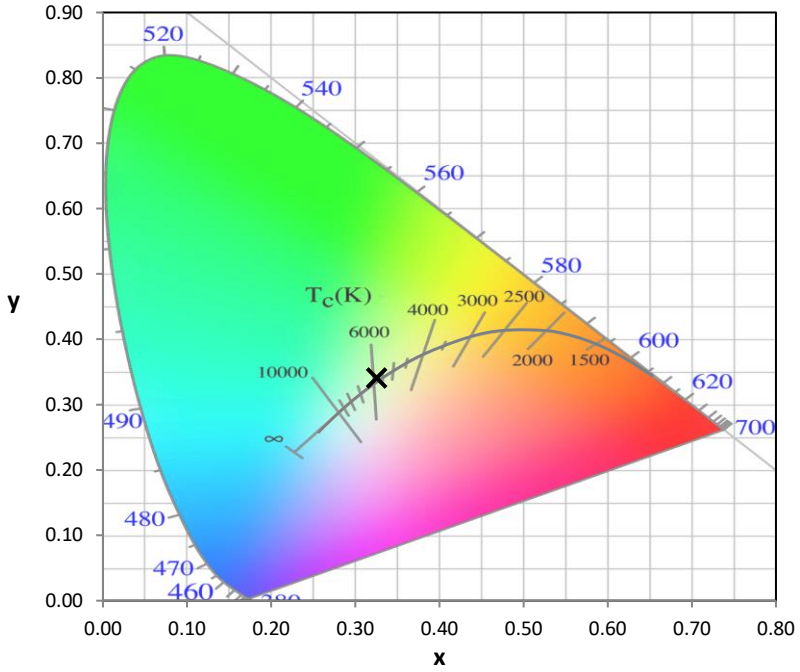
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-319-12

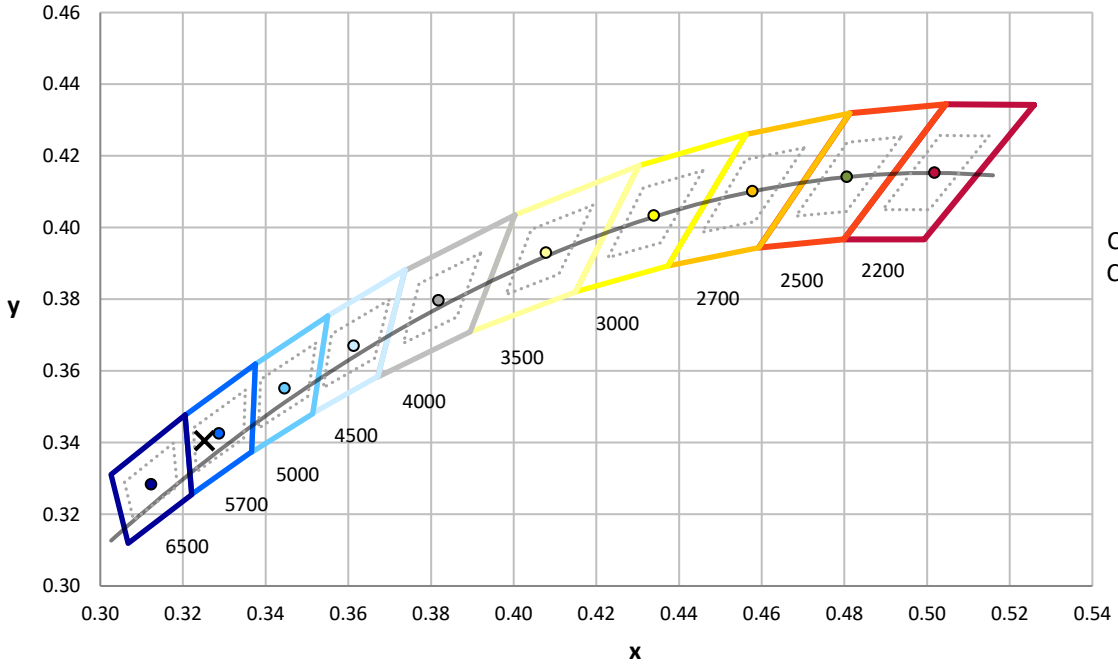
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/212025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

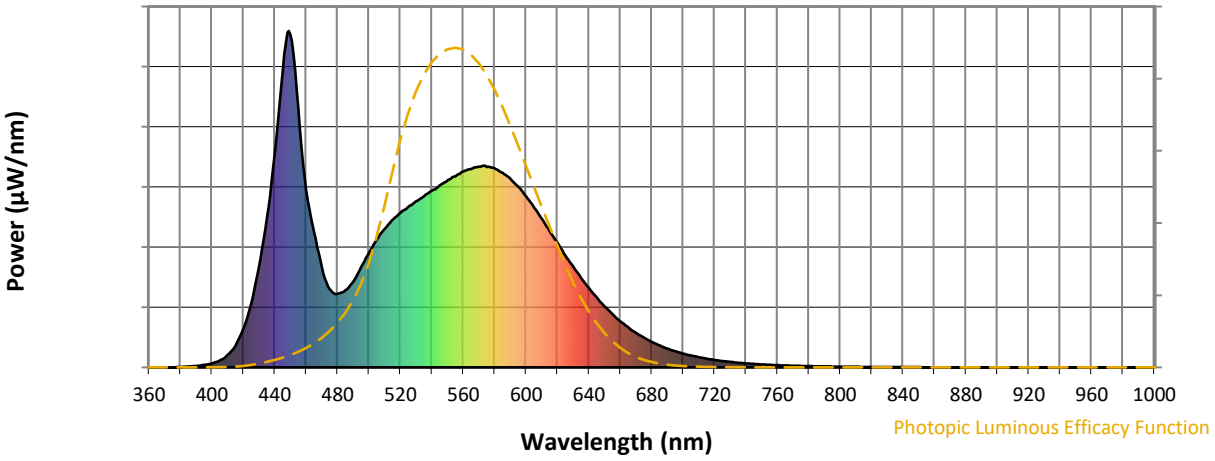


CCT = 5828K
CIE x = 0.3252
CIE y = 0.3405
Duv = 0.0031

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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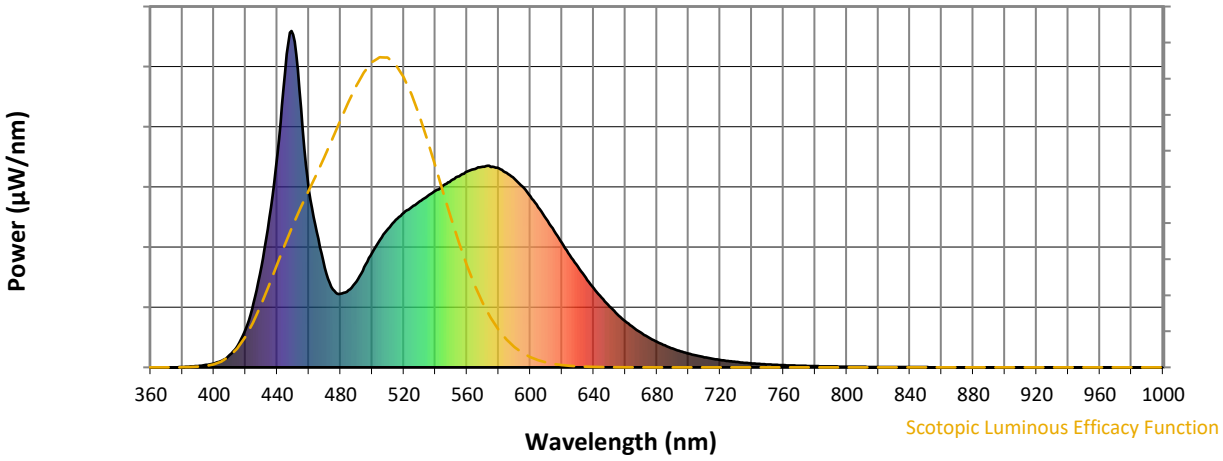
Scotopic Flux vs. Wavelength



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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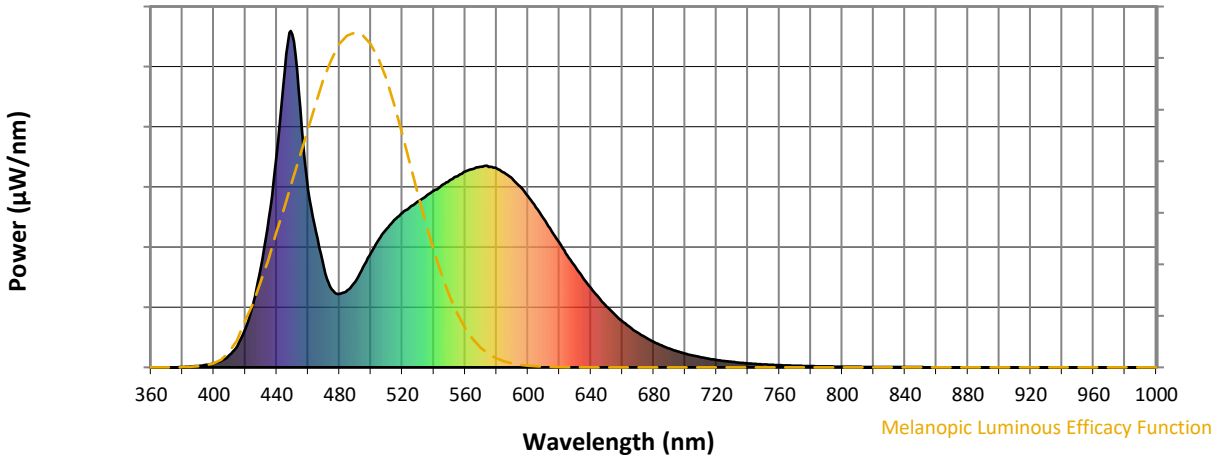
Melanopic Flux vs. Wavelength



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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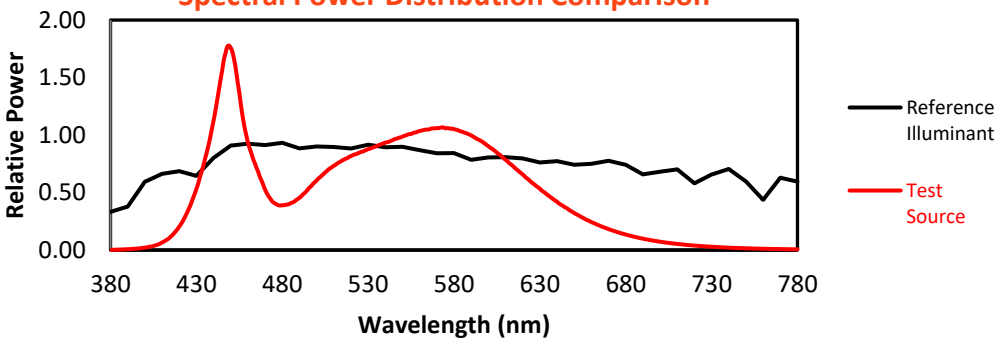
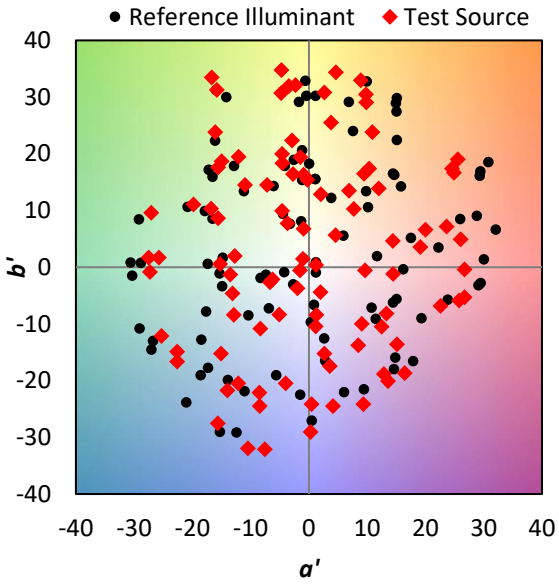
Summary

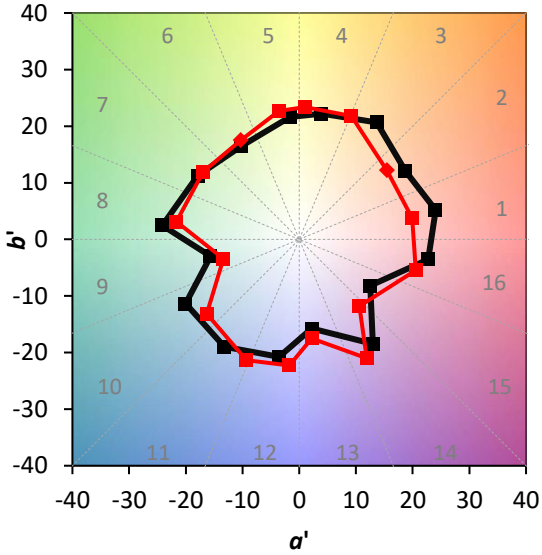
R_f = 78
R_g = 93.6
CIE R_a = 76.1
R_9 = -29.6

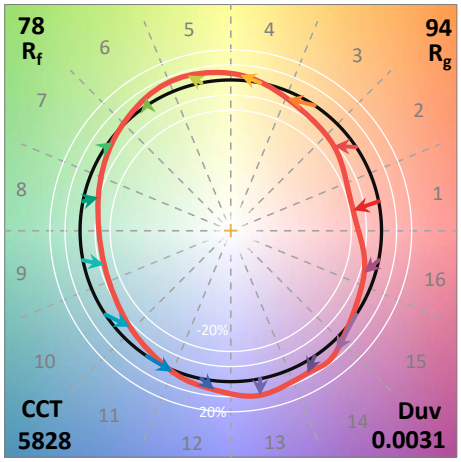
Spectral Power Distribution Comparison

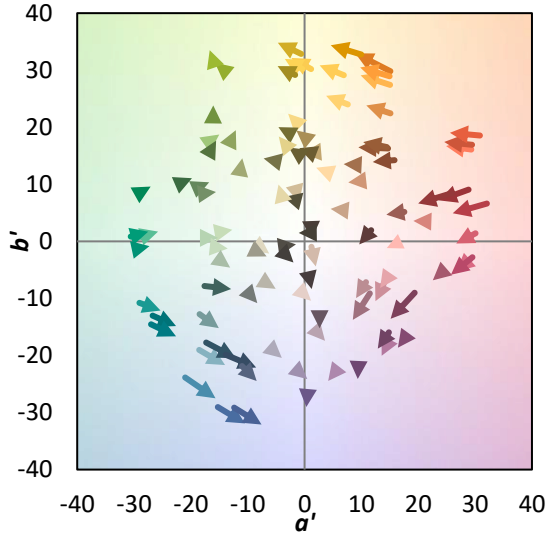


Color Vector Graphics









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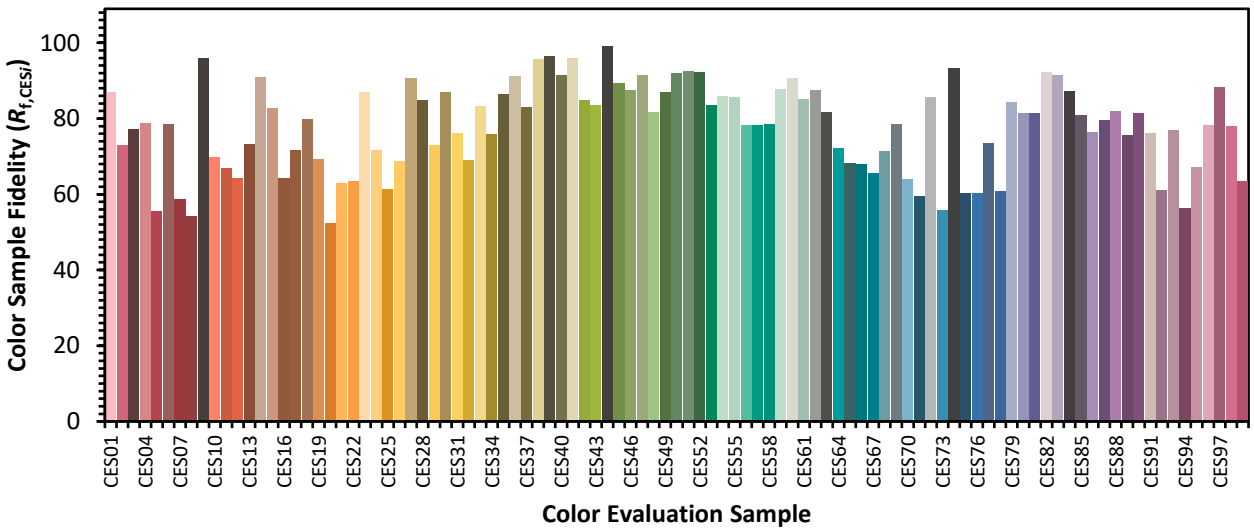
Individual Sample Fidelity Index ($R_{f,i}$)

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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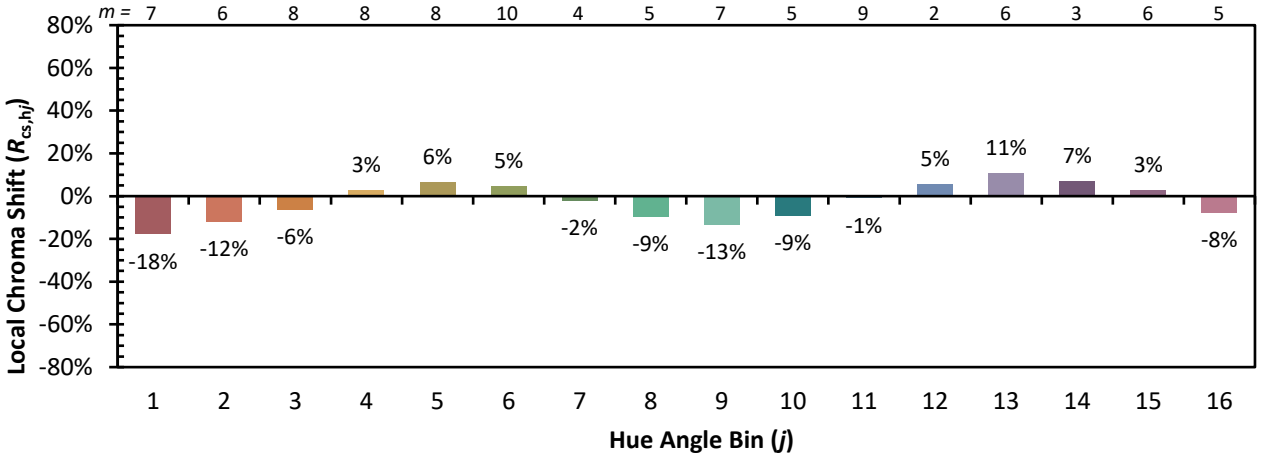
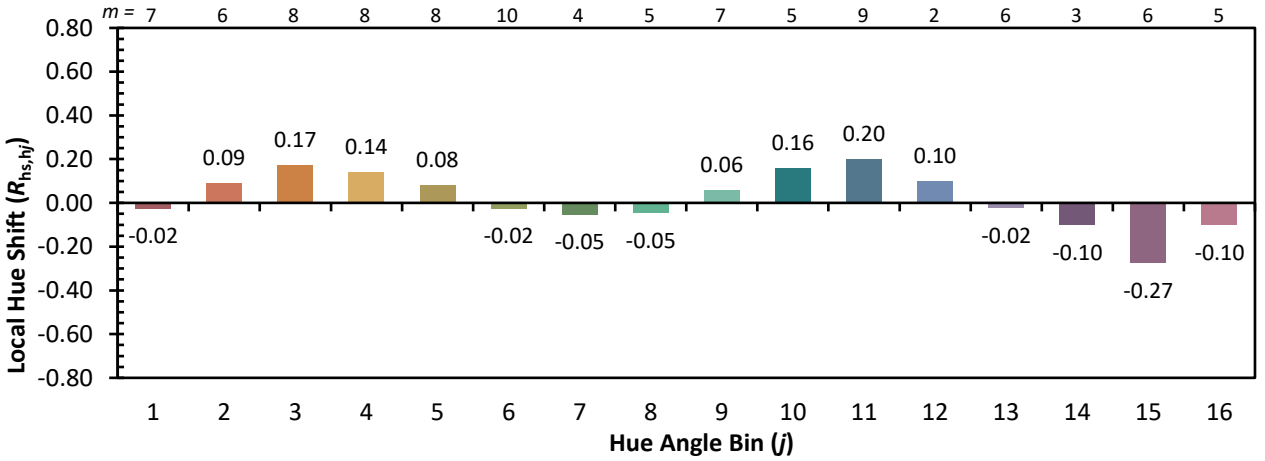
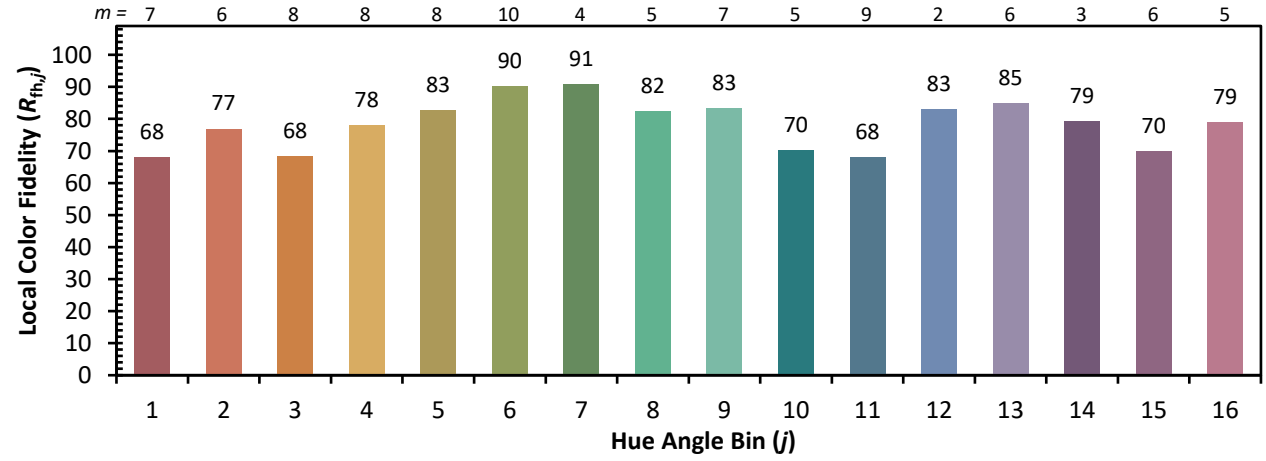
Color Rendition by Hue-Angle Bin







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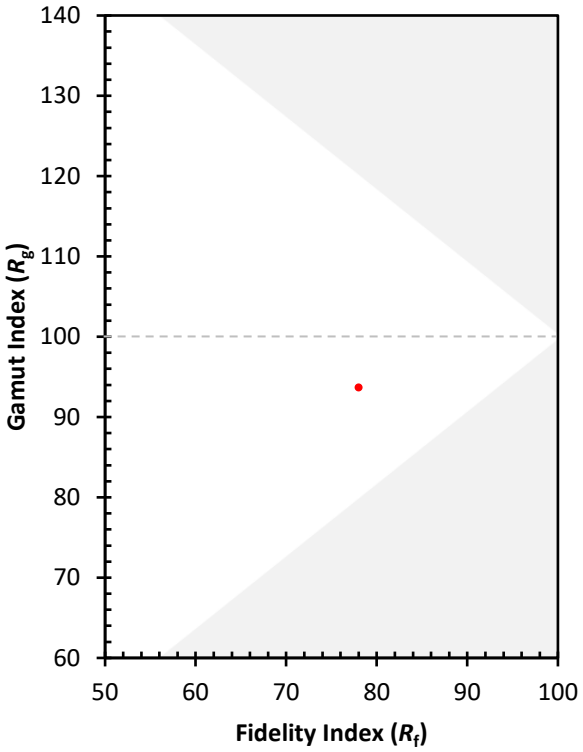
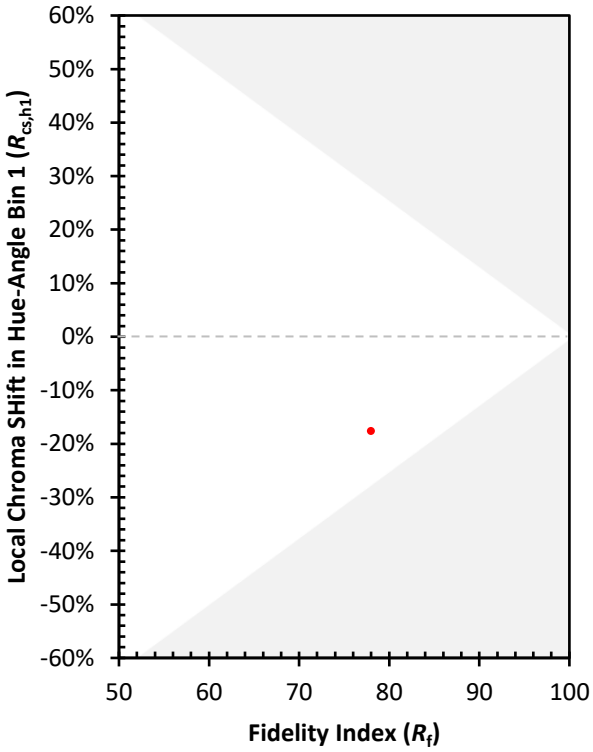
Measure Comparisons





(END OF REPORT)