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: P879897

Luminaire Tested: **MEM2-HSN-VA-40-730-U-WT4**

Issue Date: 10/01/2024

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:	P879897
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	10/01/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HSN-VA-40-730-U-WT4
Description:	EPIC MODERN SHORT HOUSING 40W 70CRI 3000K VISUAL COMFORT FIXTURE w/ DRIVE LANE TYPE IV DISTRIBUTION OPTIC
Light Source:	(1) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4024.8 lumens
Efficiency:	N/A
Efficacy:	104.3 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	38.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P879897
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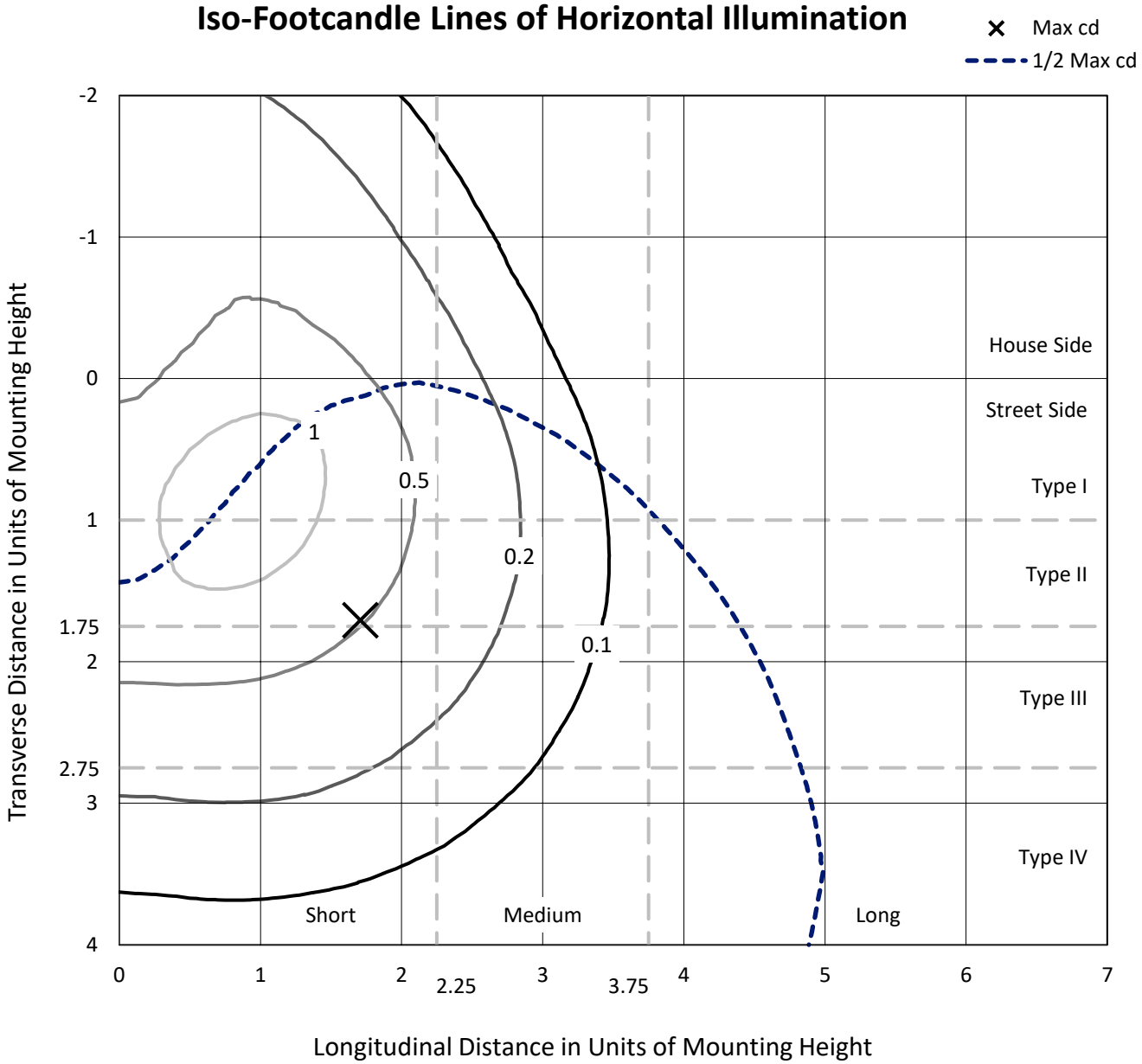
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.4 fc
Type IV - Short - N/A

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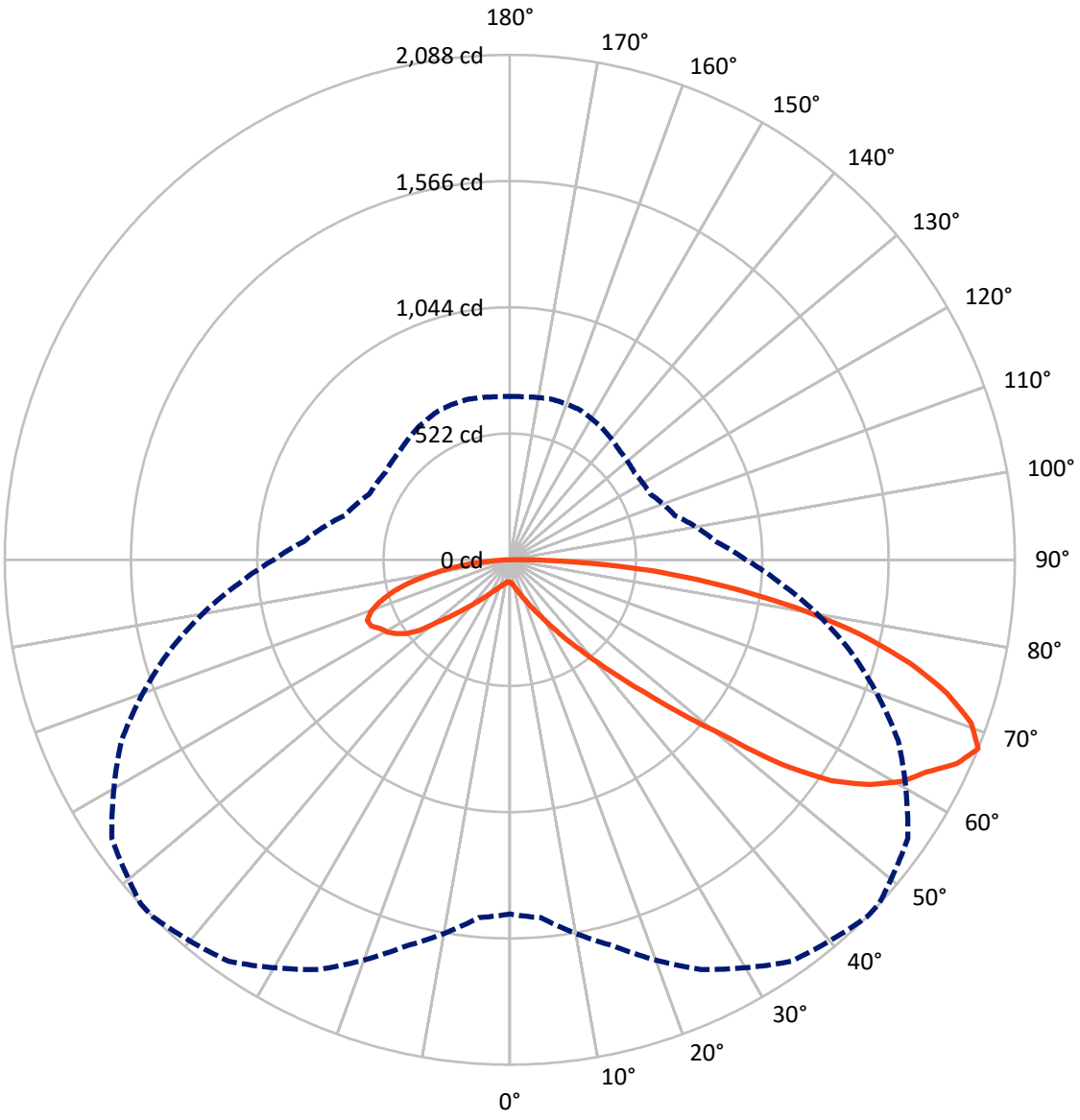
Luminous Intensity Polar Plot



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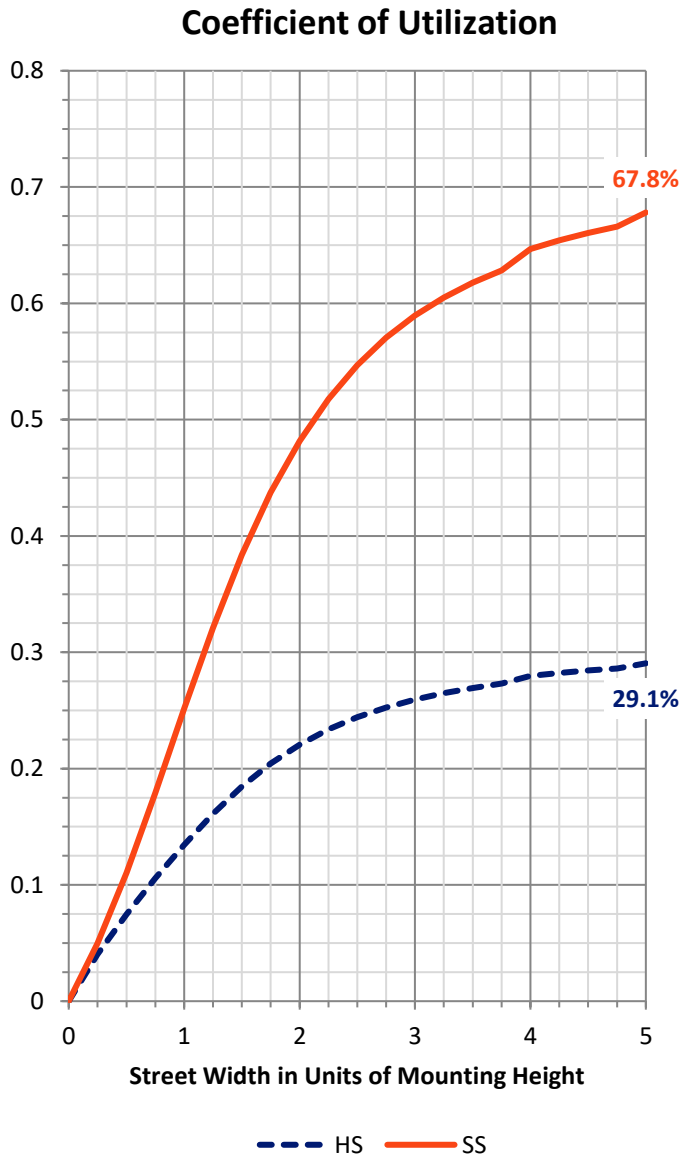
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1192.8	0.0	1192.8
	% Fixture	29.6	0.0	29.6
Street Side	Lumens	2832.0	0.0	2832.0
	% Fixture	70.4	0.0	70.4
Total	Lumens	4024.8	0.0	4024.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.2
10°-20°	35.8	0.9
20°-30°	84.4	2.1
30°-40°	185.0	4.6
40°-50°	402.7	10.0
50°-60°	827.5	20.6
60°-70°	1165.8	29.0
70°-80°	989.7	24.6
80°-90°	324.4	8.1
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°	4024.8	100.0
0°-180°	4024.8	100.0



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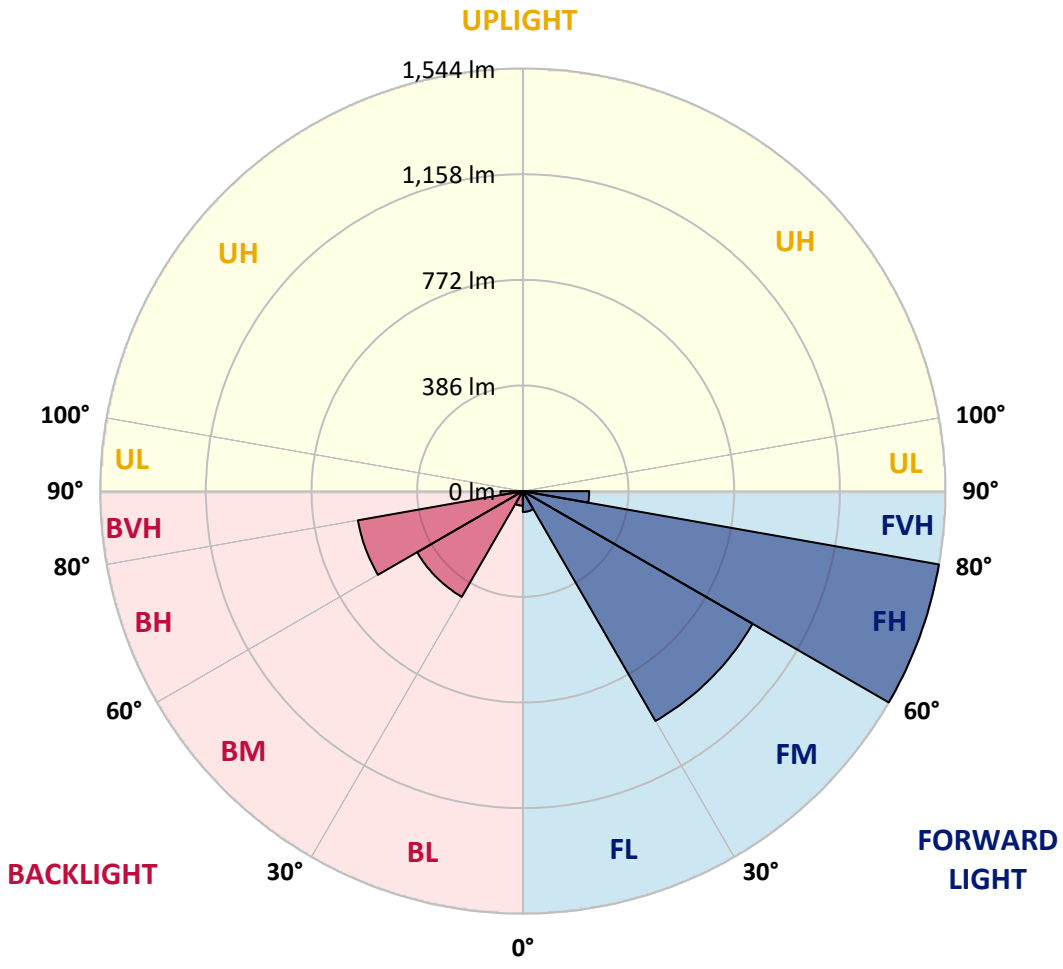
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	76.2	1.9			
FM	(30°-60°)	969.4	24.1			
FH	(60°-80°)	1543.9	38.4			G1/1800
FVH	(80°-90°)	242.6	6.0			G3/500
BL	(0°-30°)	53.5	1.3	B0/110		
BM	(30°-60°)	445.8	11.1	B1/1000		
BH	(60°-80°)	611.6	15.2	B2/1000		G2/1000
BVH	(80°-90°)	81.8	2.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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Scaled Data Report

REPORT NUMBER: P879897
CATALOG NUMBER: MEM2-HSN-VA-40-730-U-WT4

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	92.9	92.9	92.9	92.9	92.9	*92.9*	92.9	92.9	92.9	92.9	92.9
2.5°	95.8	95.4	95.8	95.8	95.8	*95.4*	95.4	95.4	95.0	94.6	94.2
5°	101.6	101.6	101.6	101.2	101.2	*100.3*	100.3	99.9	99.1	98.3	97.5
7.5°	109.4	109.0	109.0	108.6	108.2	*107.3*	106.9	106.5	104.9	103.6	102.0
10°	118.8	118.8	118.4	117.6	117.6	*115.6*	116.0	115.1	113.1	110.6	107.7
12.5°	130.4	130.4	129.5	129.5	128.7	*127.1*	126.7	125.4	123.4	119.3	116.0
15°	143.1	143.1	143.9	143.1	142.3	*140.2*	140.2	138.6	134.1	130.8	125.8
17.5°	159.1	157.1	158.3	157.9	157.9	*156.7*	155.4	153.4	149.7	143.9	137.8
20°	175.6	176.0	174.8	176.0	176.4	*174.8*	174.8	172.3	167.0	160.0	150.1
22.5°	196.2	196.2	193.7	197.0	199.0	*197.8*	197.4	192.4	185.9	176.4	166.5
25°	217.5	216.7	220.8	221.6	226.2	*225.8*	225.3	220.8	211.0	199.4	184.2
27.5°	241.8	243.0	250.8	252.9	257.4	*257.0*	256.6	251.7	241.0	225.3	205.6
30°	271.8	273.5	280.9	287.9	295.7	*296.5*	295.7	291.6	275.9	255.4	233.2
32.5°	306.8	311.3	318.7	330.6	340.5	*345.0*	345.8	338.4	320.7	293.6	264.4
35°	354.5	350.8	361.0	380.8	397.2	*406.3*	405.9	396.0	376.7	342.1	300.6
37.5°	401.3	400.1	416.2	442.1	464.3	*471.7*	473.7	467.1	442.5	396.8	347.9
40°	450.3	460.6	479.1	509.1	542.0	*557.6*	558.8	549.4	515.7	464.3	399.7
42.5°	514.0	524.3	547.7	584.8	632.5	*658.4*	660.0	649.3	608.6	542.0	462.2
45°	594.6	600.4	625.1	681.4	742.7	*784.2*	796.1	783.0	732.8	640.3	539.9
47.5°	681.4	681.4	721.7	796.1	888.6	*943.3*	952.4	940.5	865.6	754.2	626.7
50°	778.0	778.4	842.6	949.1	1065.9	*1134.1*	1141.1	1112.3	1021.9	870.1	715.1
52.5°	878.4	889.1	982.8	1144.0	1300.7	*1405.1*	1412.1	1378.8	1258.3	1036.3	809.3
55°	1016.5	1033.4	1169.5	1367.3	1530.1	*1612.4*	1612.8	1572.9	1428.2	1197.5	921.9
57.5°	1208.2	1214.7	1341.8	1543.7	1697.5	*1753.8*	1749.7	1691.3	1524.4	1287.5	1014.5
60°	1366.5	1381.7	1485.3	1672.8	1822.9	*1861.6*	1857.1	1779.7	1590.2	1340.2	1058.9
62.5°	1470.5	1477.9	1585.2	1765.4	1900.2	*1932.7*	1927.8	1855.8	1670.8	1431.9	1132.9
65°	1495.6	1507.9	1644.0	1827.0	1957.8	*2031.0*	2027.7	1989.1	1799.1	1499.7	1167.9
67.5°	*1465.2*	*1485.7*	*1652.7*	*1869.4*	*2026.9*	*2087.7*	*2086.1*	*2008.4*	*1771.5*	*1456.1*	*1123.9*
70°	1403.1	1420.8	1628.0	1864.9	2006.7	*2023.2*	2010.4	1921.6	1690.5	1383.7	1058.1
72.5°	1305.2	1335.2	1537.5	1761.7	1880.1	*1890.8*	1886.3	1777.7	1568.8	1259.1	958.5
75°	1176.9	1213.5	1396.9	1578.3	1690.9	*1709.4*	1700.8	1605.8	1394.4	1103.3	835.2
77.5°	1014.5	1035.0	1174.8	1347.1	1476.7	*1480.0*	1475.0	1368.9	1174.4	924.0	702.8
80°	799.4	811.7	933.1	1076.6	1183.9	*1197.1*	1192.5	1121.0	932.6	731.1	548.2
82.5°	592.2	583.9	665.3	783.0	889.5	*890.3*	897.7	818.3	698.2	530.5	392.3
85°	340.9	344.2	414.9	495.1	559.7	*597.1*	596.7	558.4	449.0	337.6	239.3
87.5°	95.0	102.4	147.2	214.2	243.4	*264.8*	257.0	231.9	187.5	106.1	60.9
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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REPORT NUMBER: P879897
CATALOG NUMBER: MEM2-HSN-VA-40-730-U-WT4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2.5°	94.2	93.8	93.3	92.9	92.1	92.1	91.7	92.1	92.1	92.1	92.1
5°	96.6	96.2	95.0	94.2	92.9	92.1	91.7	91.7	91.7	91.7	91.7
7.5°	100.7	100.3	98.3	96.6	95.0	94.2	93.3	92.9	92.5	92.1	92.5
10°	106.9	105.3	103.2	100.7	98.3	97.0	95.8	95.4	95.0	94.6	94.6
12.5°	113.9	112.7	109.0	105.7	103.2	101.2	99.5	98.7	98.3	97.9	97.9
15°	123.4	120.9	116.0	111.9	108.2	105.7	104.0	103.2	102.8	102.4	102.4
17.5°	134.1	130.8	124.2	118.8	114.7	111.4	109.4	108.2	107.3	107.7	108.2
20°	146.4	141.0	133.6	127.1	121.7	118.0	116.0	114.3	113.5	113.9	114.3
22.5°	160.8	155.0	144.3	136.5	129.9	125.4	123.4	122.1	121.3	120.9	120.1
25°	177.2	169.8	157.5	146.8	139.0	134.5	132.0	131.2	130.4	129.5	129.5
27.5°	197.0	188.3	171.5	160.0	150.5	146.0	143.1	141.9	141.9	140.6	140.6
30°	220.0	208.5	187.9	172.7	163.3	157.5	154.2	153.8	153.0	154.2	154.2
32.5°	247.6	231.9	206.8	189.2	178.5	173.1	169.8	169.0	167.8	168.6	171.1
35°	282.1	261.9	231.9	211.0	197.8	192.4	188.3	187.9	185.9	187.9	184.6
37.5°	320.7	298.5	258.7	234.0	219.6	213.4	210.5	209.3	208.9	208.9	206.4
40°	368.0	341.3	292.8	262.4	245.9	238.5	235.6	235.2	234.4	237.3	234.4
42.5°	426.4	385.7	328.2	293.6	276.7	268.9	265.6	264.4	266.5	267.7	267.3
45°	491.4	447.4	373.4	333.5	314.2	306.4	301.8	300.6	301.4	301.4	305.5
47.5°	566.2	514.4	425.2	377.1	359.4	349.9	347.1	343.0	340.9	340.1	347.1
50°	644.4	579.8	478.2	424.4	408.3	400.9	401.8	393.5	390.7	387.4	386.5
52.5°	722.9	649.7	538.7	490.2	471.7	475.4	473.7	465.1	448.2	444.1	434.2
55°	817.1	728.7	596.7	538.7	522.7	525.5	532.1	532.1	528.4	519.4	511.6
57.5°	896.9	794.1	640.3	567.9	553.9	561.3	574.5	584.3	593.0	599.6	599.1
60°	941.3	834.4	668.6	590.1	573.6	588.0	607.8	624.6	643.1	662.5	661.6
62.5°	1002.5	890.7	719.2	629.6	601.2	605.7	628.3	657.5	674.4	690.4	695.0
65°	1018.6	901.0	738.1	657.5	634.5	635.3	650.5	674.4	688.8	692.9	695.4
67.5°	*975.4*	*855.7*	*706.9*	*641.1*	*628.8*	*640.3*	*664.9*	*683.9*	*685.9*	*676.0*	*675.2*
70°	910.4	800.2	657.5	602.4	594.6	612.3	644.8	667.4	662.5	642.3	641.1
72.5°	818.7	716.3	591.3	551.4	543.6	565.8	594.6	618.5	611.1	595.9	594.6
75°	708.5	612.7	511.1	481.5	481.1	505.4	530.5	544.9	544.5	533.8	530.5
77.5°	588.9	511.1	421.1	394.4	404.2	427.3	445.8	456.5	452.8	449.0	447.8
80°	461.0	391.9	324.9	308.8	324.0	331.9	351.6	350.8	352.8	345.0	350.8
82.5°	328.2	282.5	232.7	225.8	227.8	243.4	254.1	252.9	247.6	241.8	239.3
85°	199.0	173.9	149.3	139.4	146.4	145.2	151.7	146.4	143.1	140.2	142.7
87.5°	55.1	47.7	45.6	32.9	40.7	32.1	33.7	23.4	20.6	24.7	21.4
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2407-176-3

Test Date: 09/24/2024

Luminaire Tested: MEM2-HTN-VA-30-730-U-WQ

Data in this report applies to families of products including MEM2-HTN-VA-30-730-U-WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

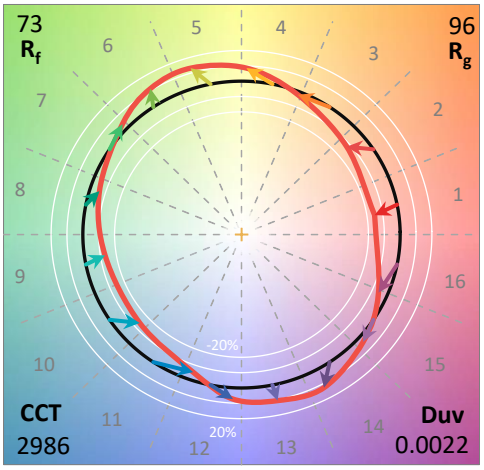
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-176-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	09/27/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**MEM2-HTN-VA-30-730-U-WQ**
Description:	EPIC MODERN VISUAL COMFORT 30W WAVESTREAM WIDE

Spectral Parameters

CCT (K):	2986	CRI (Ra):	71.3		
CIE u':	0.2503	R1:	68.5	R9:	-25.2
CIE v':	0.5248	R2:	79.2	R10:	51.0
Duv:	0.0022	R3:	88.4	R11:	63.6
CIE x:	0.4413	R4:	69.4	R12:	39.8
CIE y:	0.4112	R5:	66.3	R13:	69.9
CIE z:	0.1476	R6:	70.0	R14:	92.9
Peak Wavelength (nm):	596	R7:	80.1	R15:	61.4
Dominant Wavelength (nm):	582	R8:	48.3		
Purity:	55.87534				

Rf:	73.2
Rg:	95.9



Test Conditions

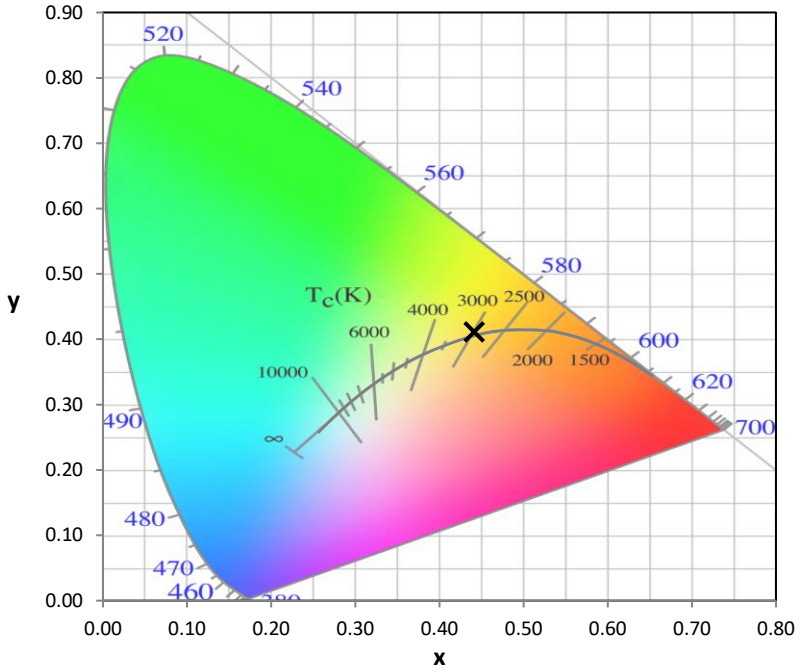
Stabilization Time:	27M
Operation Time:	1H 27M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-176-3

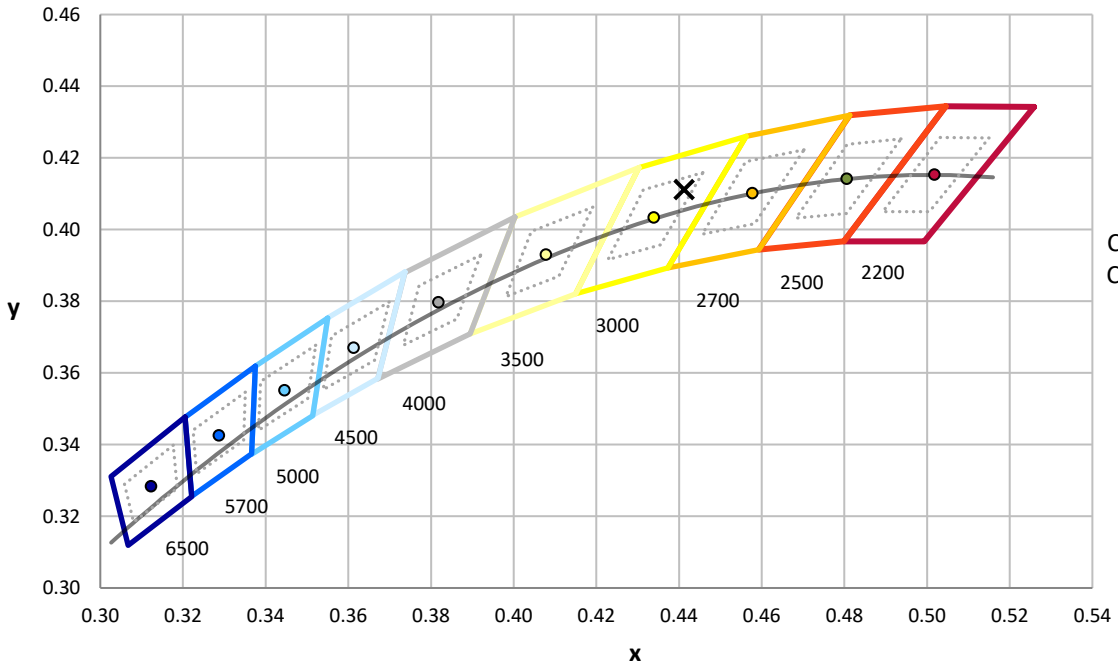
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-176-3

CIE 1931 Chromaticity Diagram



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

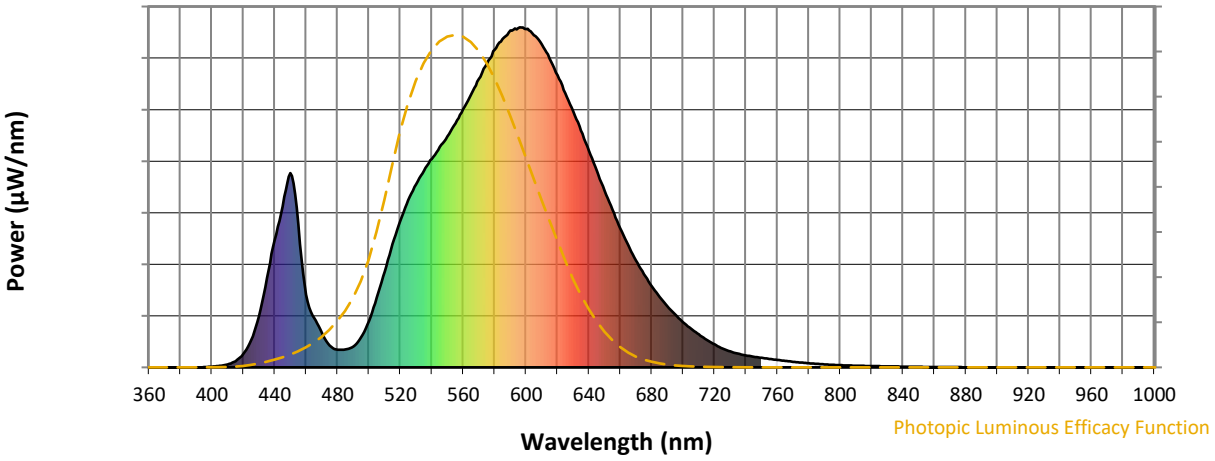


CCT = 2986K
CIE x = 0.4413
CIE y = 0.4112
Duv = 0.0022

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-176-3

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	61	NR	620	859	NR	750	28	NR	880	0	NR
365	0	NR	495	88	NR	625	807	NR	755	25	NR	885	0	NR
370	0	NR	500	137	NR	630	753	NR	760	22	NR	890	0	NR
375	0	NR	505	205	NR	635	697	NR	765	19	NR	895	0	NR
380	0	NR	510	281	NR	640	637	NR	770	16	NR	900	0	NR
385	0	NR	515	363	NR	645	578	NR	775	14	NR	905	0	NR
390	0	NR	520	432	NR	650	520	NR	780	12	NR	910	0	NR
395	1	NR	525	492	NR	655	463	NR	785	10	NR	915	0	NR
400	2	NR	530	539	NR	660	409	NR	790	9	NR	920	0	NR
405	4	NR	535	579	NR	665	359	NR	795	8	NR	925	0	NR
410	9	NR	540	613	NR	670	315	NR	800	6	NR	930	0	NR
415	18	NR	545	648	NR	675	274	NR	805	6	NR	935	0	NR
420	39	NR	550	680	NR	680	239	NR	810	5	NR	940	0	NR
425	81	NR	555	717	NR	685	207	NR	815	4	NR	945	0	NR
430	151	NR	560	759	NR	690	180	NR	820	4	NR	950	0	NR
435	263	NR	565	803	NR	695	155	NR	825	3	NR	955	0	NR
440	375	NR	570	848	NR	700	133	NR	830	3	NR	960	0	NR
445	474	NR	575	892	NR	705	114	NR	835	3	NR	965	0	NR
450	571	NR	580	933	NR	710	97	NR	840	2	NR	970	0	NR
455	421	NR	585	966	NR	715	81	NR	845	2	NR	975	0	NR
460	214	NR	590	991	NR	720	67	NR	850	2	NR	980	0	NR
465	146	NR	595	998	NR	725	55	NR	855	1	NR	985	0	NR
470	101	NR	600	995	NR	730	47	NR	860	1	NR	990	0	NR
475	64	NR	605	977	NR	735	40	NR	865	1	NR	995	0	NR
480	52	NR	610	949	NR	740	35	NR	870	1	NR	1000	0	NR
485	53	NR	615	908	NR	745	31	NR	875	1	NR			

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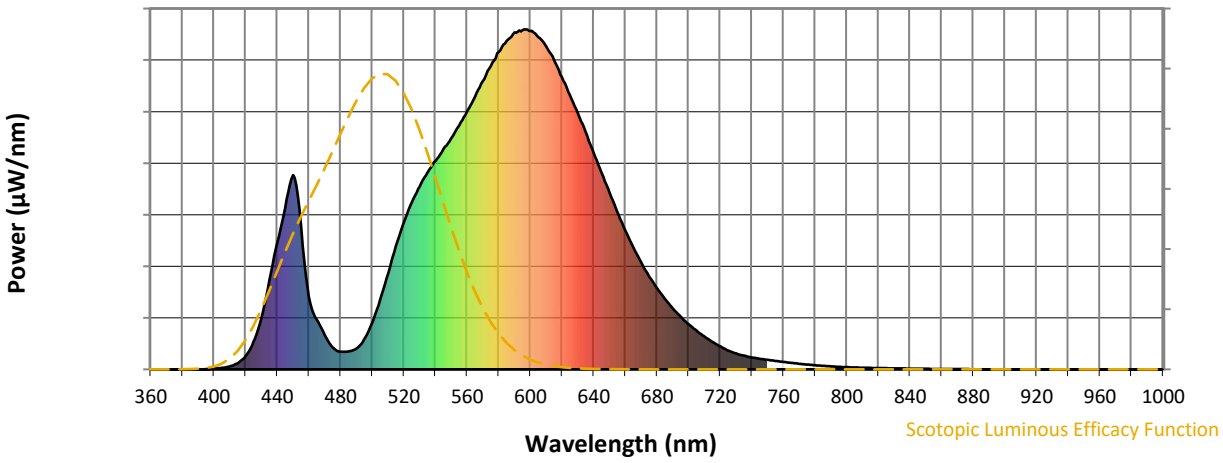
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.15**

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	61	NR	620	859	NR	750	28	NR	880	0	NR
365	0	NR	495	88	NR	625	807	NR	755	25	NR	885	0	NR
370	0	NR	500	137	NR	630	753	NR	760	22	NR	890	0	NR
375	0	NR	505	205	NR	635	697	NR	765	19	NR	895	0	NR
380	0	NR	510	281	NR	640	637	NR	770	16	NR	900	0	NR
385	0	NR	515	363	NR	645	578	NR	775	14	NR	905	0	NR
390	0	NR	520	432	NR	650	520	NR	780	12	NR	910	0	NR
395	1	NR	525	492	NR	655	463	NR	785	10	NR	915	0	NR
400	2	NR	530	539	NR	660	409	NR	790	9	NR	920	0	NR
405	4	NR	535	579	NR	665	359	NR	795	8	NR	925	0	NR
410	9	NR	540	613	NR	670	315	NR	800	6	NR	930	0	NR
415	18	NR	545	648	NR	675	274	NR	805	6	NR	935	0	NR
420	39	NR	550	680	NR	680	239	NR	810	5	NR	940	0	NR
425	81	NR	555	717	NR	685	207	NR	815	4	NR	945	0	NR
430	151	NR	560	759	NR	690	180	NR	820	4	NR	950	0	NR
435	263	NR	565	803	NR	695	155	NR	825	3	NR	955	0	NR
440	375	NR	570	848	NR	700	133	NR	830	3	NR	960	0	NR
445	474	NR	575	892	NR	705	114	NR	835	3	NR	965	0	NR
450	571	NR	580	933	NR	710	97	NR	840	2	NR	970	0	NR
455	421	NR	585	966	NR	715	81	NR	845	2	NR	975	0	NR
460	214	NR	590	991	NR	720	67	NR	850	2	NR	980	0	NR
465	146	NR	595	998	NR	725	55	NR	855	1	NR	985	0	NR
470	101	NR	600	995	NR	730	47	NR	860	1	NR	990	0	NR
475	64	NR	605	977	NR	735	40	NR	865	1	NR	995	0	NR
480	52	NR	610	949	NR	740	35	NR	870	1	NR	1000	0	NR
485	53	NR	615	908	NR	745	31	NR	875	1	NR			

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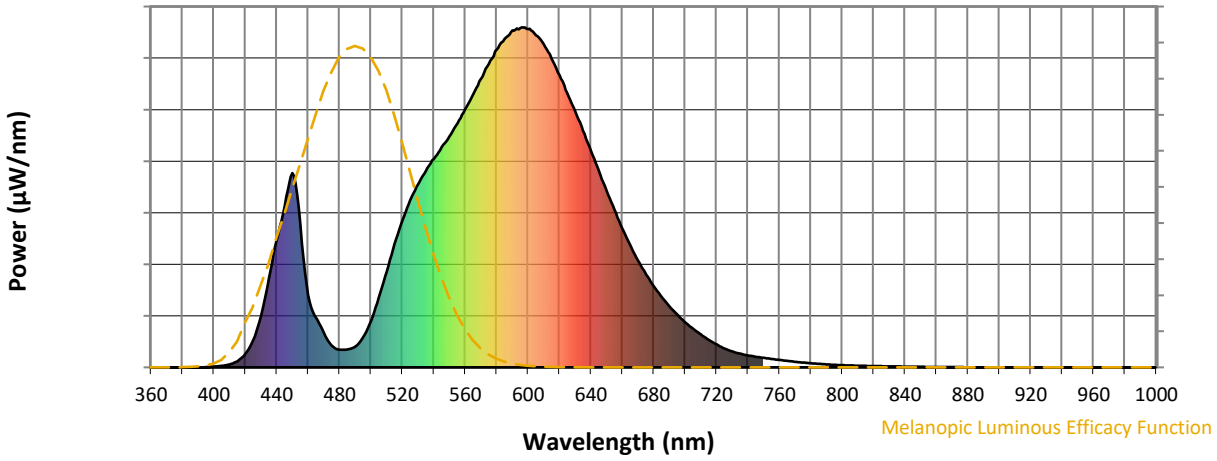
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.01**

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	61	NR	620	859	NR	750	28	NR	880	0	NR
365	0	NR	495	88	NR	625	807	NR	755	25	NR	885	0	NR
370	0	NR	500	137	NR	630	753	NR	760	22	NR	890	0	NR
375	0	NR	505	205	NR	635	697	NR	765	19	NR	895	0	NR
380	0	NR	510	281	NR	640	637	NR	770	16	NR	900	0	NR
385	0	NR	515	363	NR	645	578	NR	775	14	NR	905	0	NR
390	0	NR	520	432	NR	650	520	NR	780	12	NR	910	0	NR
395	1	NR	525	492	NR	655	463	NR	785	10	NR	915	0	NR
400	2	NR	530	539	NR	660	409	NR	790	9	NR	920	0	NR
405	4	NR	535	579	NR	665	359	NR	795	8	NR	925	0	NR
410	9	NR	540	613	NR	670	315	NR	800	6	NR	930	0	NR
415	18	NR	545	648	NR	675	274	NR	805	6	NR	935	0	NR
420	39	NR	550	680	NR	680	239	NR	810	5	NR	940	0	NR
425	81	NR	555	717	NR	685	207	NR	815	4	NR	945	0	NR
430	151	NR	560	759	NR	690	180	NR	820	4	NR	950	0	NR
435	263	NR	565	803	NR	695	155	NR	825	3	NR	955	0	NR
440	375	NR	570	848	NR	700	133	NR	830	3	NR	960	0	NR
445	474	NR	575	892	NR	705	114	NR	835	3	NR	965	0	NR
450	571	NR	580	933	NR	710	97	NR	840	2	NR	970	0	NR
455	421	NR	585	966	NR	715	81	NR	845	2	NR	975	0	NR
460	214	NR	590	991	NR	720	67	NR	850	2	NR	980	0	NR
465	146	NR	595	998	NR	725	55	NR	855	1	NR	985	0	NR
470	101	NR	600	995	NR	730	47	NR	860	1	NR	990	0	NR
475	64	NR	605	977	NR	735	40	NR	865	1	NR	995	0	NR
480	52	NR	610	949	NR	740	35	NR	870	1	NR	1000	0	NR
485	53	NR	615	908	NR	745	31	NR	875	1	NR			

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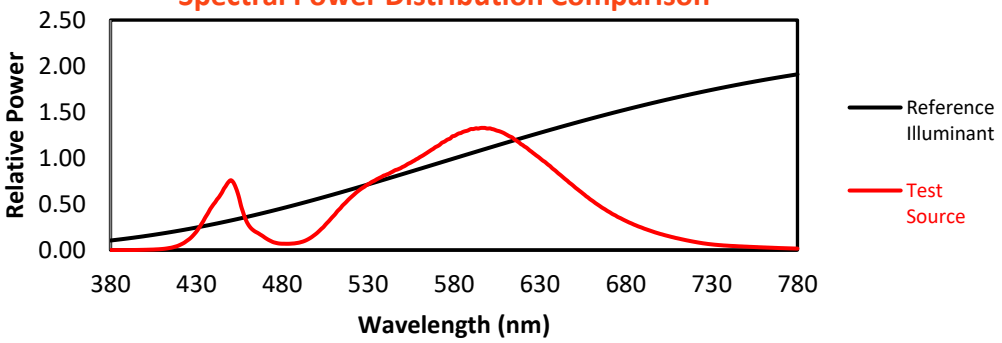
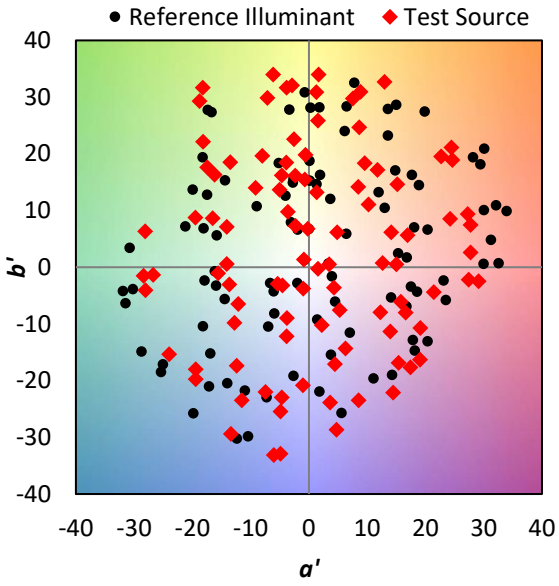
Summary

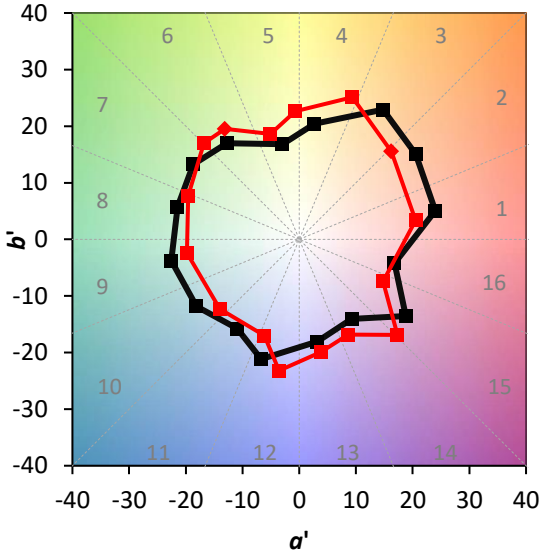
R_f = 73.2
R_g = 95.9
CIE R_a = 71.3
R_9 = -25.2

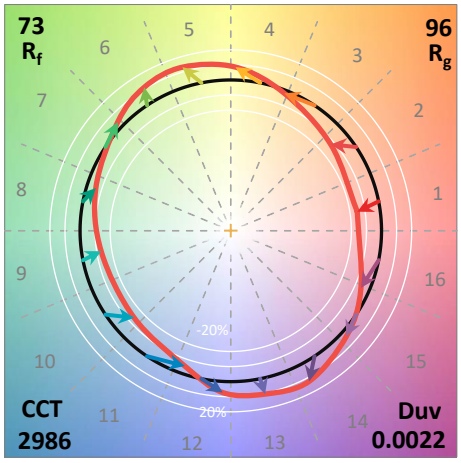
Spectral Power Distribution Comparison

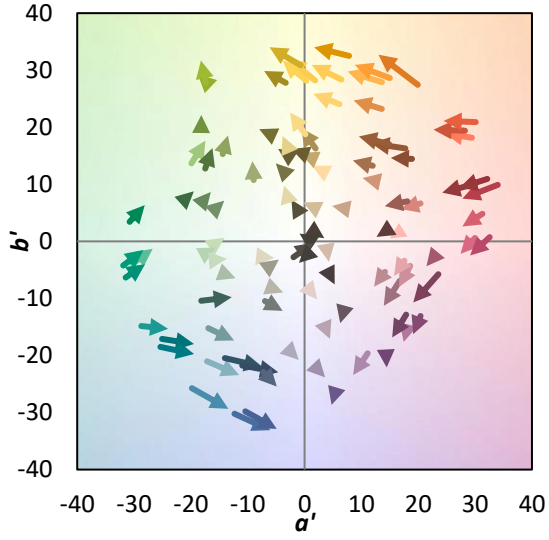


Color Vector Graphics









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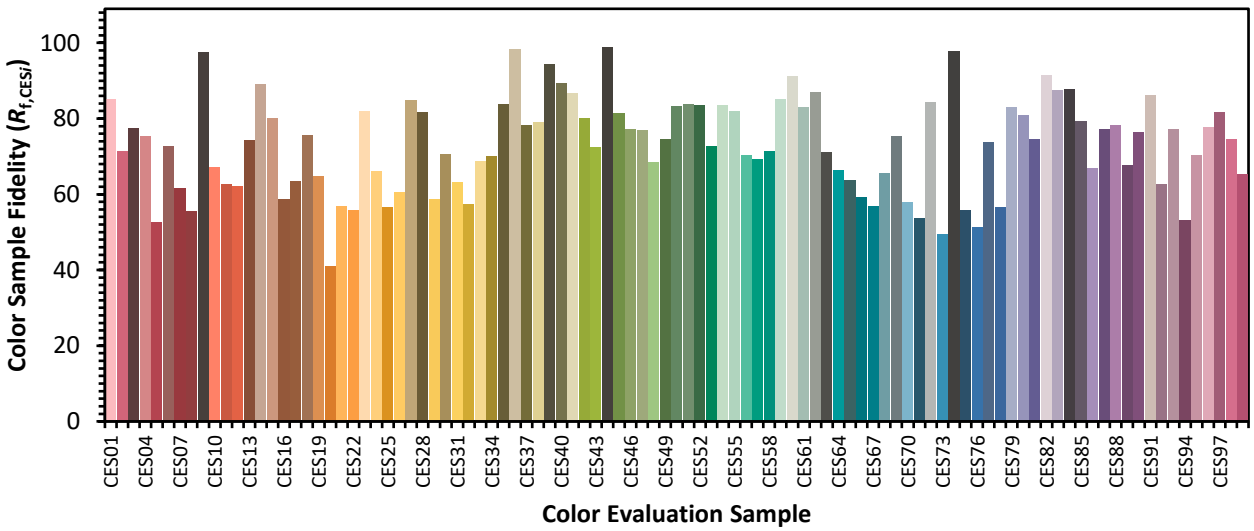
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 61	CES51 = 84	CES76 = 51
CES02 = 62	CES27 = 85	CES52 = 84	CES77 = 74
CES03 = 31	CES28 = 82	CES53 = 73	CES78 = 56
CES04 = 71	CES29 = 59	CES54 = 84	CES79 = 83
CES05 = 49	CES30 = 71	CES55 = 82	CES80 = 81
CES06 = 51	CES31 = 63	CES56 = 70	CES81 = 75
CES07 = 41	CES32 = 57	CES57 = 69	CES82 = 92
CES08 = 40	CES33 = 69	CES58 = 71	CES83 = 88
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 84	CES60 = 91	CES85 = 79
CES11 = 59	CES36 = 98	CES61 = 83	CES86 = 67
CES12 = 65	CES37 = 78	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 79	CES63 = 71	CES88 = 78
CES14 = 74	CES39 = 94	CES64 = 66	CES89 = 68
CES15 = 71	CES40 = 89	CES65 = 64	CES90 = 76
CES16 = 47	CES41 = 87	CES66 = 59	CES91 = 86
CES17 = 50	CES42 = 80	CES67 = 57	CES92 = 63
CES18 = 56	CES43 = 73	CES68 = 66	CES93 = 77
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 53
CES20 = 66	CES45 = 81	CES70 = 58	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 54	CES96 = 78
CES22 = 79	CES47 = 77	CES72 = 84	CES97 = 82
CES23 = 92	CES48 = 68	CES73 = 49	CES98 = 75
CES24 = 91	CES49 = 74	CES74 = 98	CES99 = 65
CES25 = 73	CES50 = 83	CES75 = 56	



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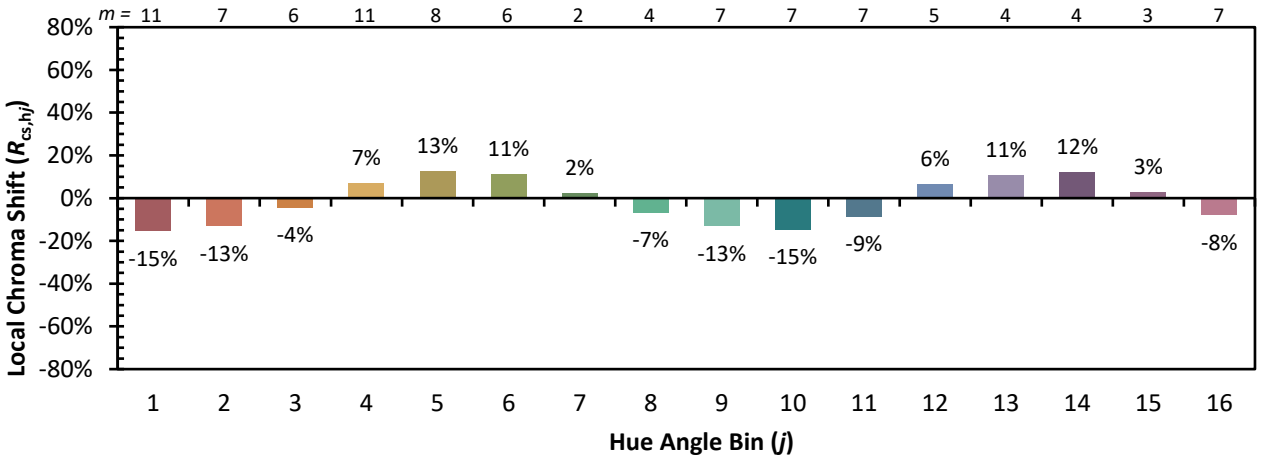
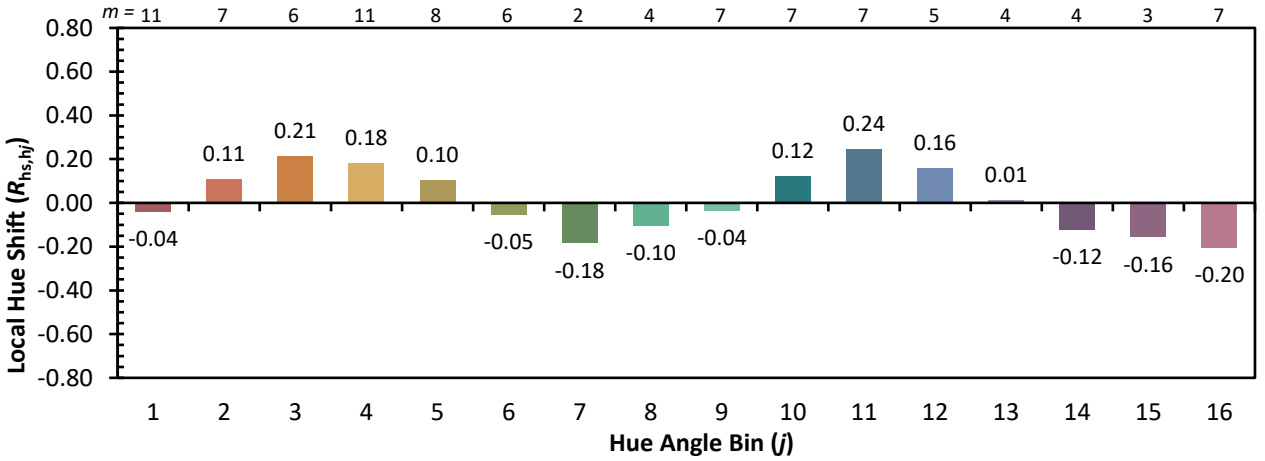
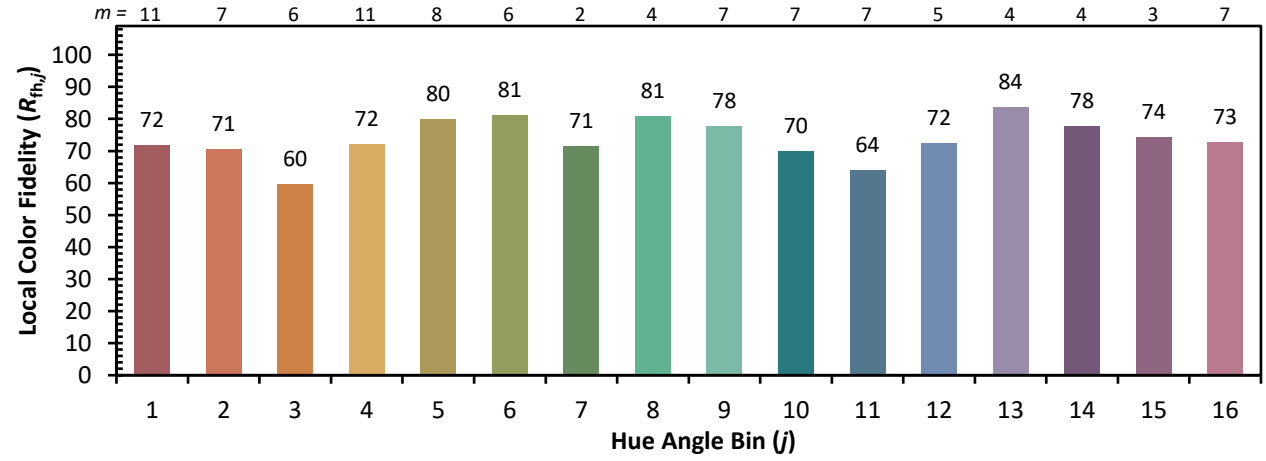
Color Rendition by Hue-Angle Bin







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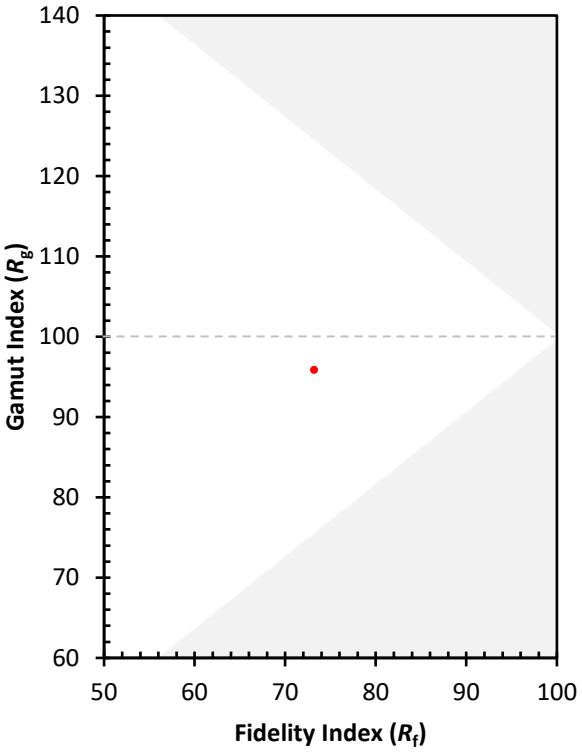
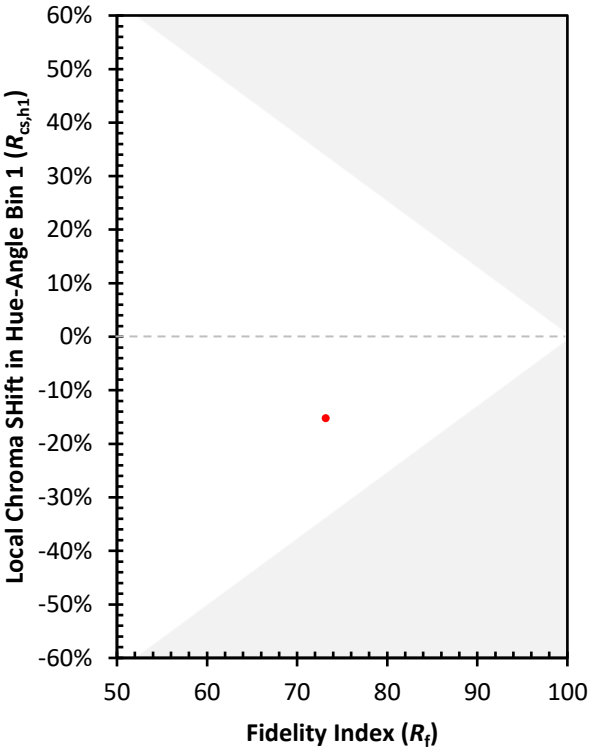
Measure Comparisons





(END OF REPORT)