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: P879909

Luminaire Tested: **MEM2-HSN-VA-40-740-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:	P879909
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	10/01/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HSN-VA-40-740-U-WT4
Description:	EPIC MODERN SHORT HOUSING 40W 70CRI 4000K VISUAL COMFORT FIXTURE w/ DRIVE LANE TYPE IV DISTRIBUTION OPTIC
Light Source:	(1) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4259 lumens
Efficiency:	N/A
Efficacy:	110.3 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: P879909
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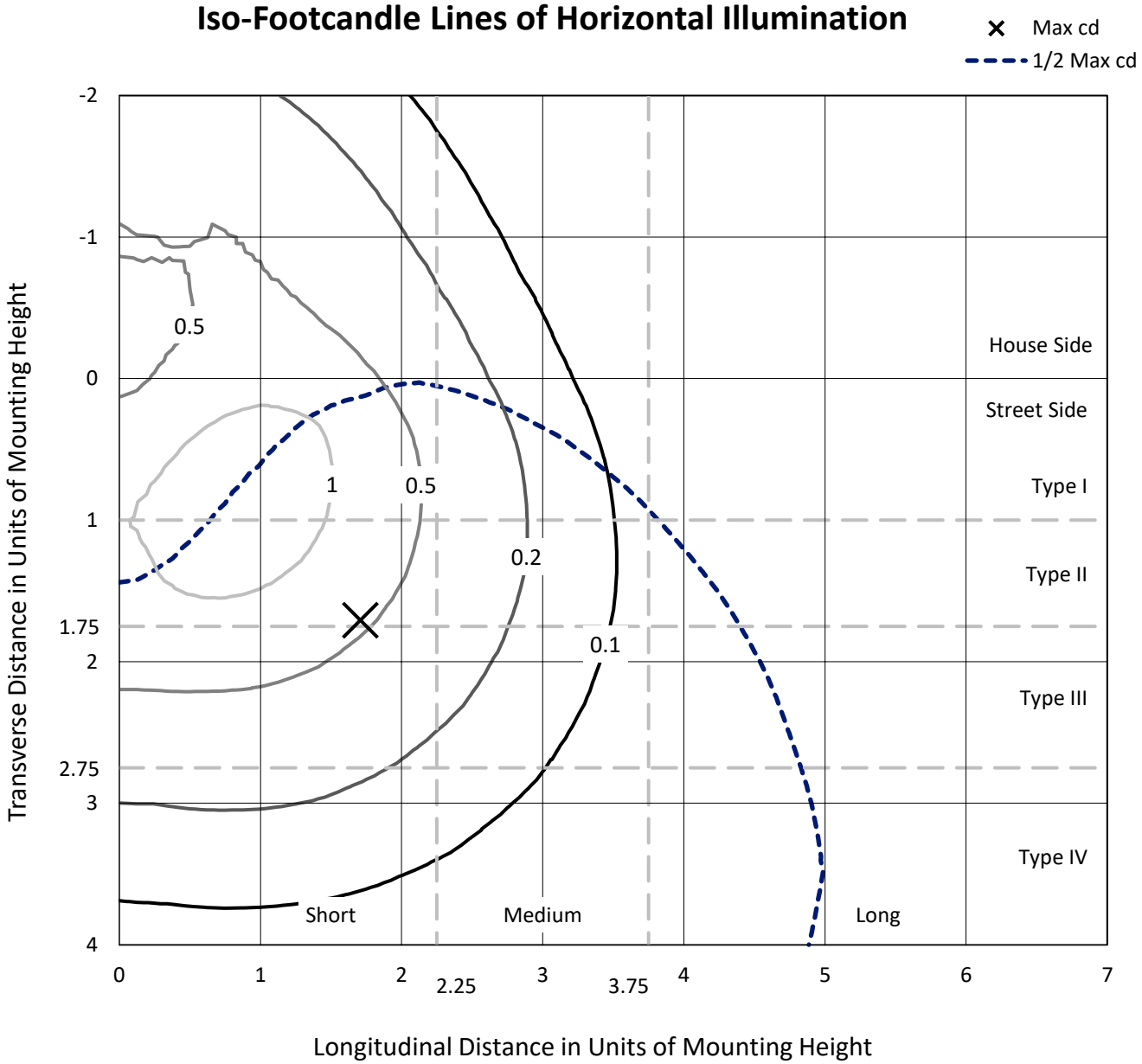
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
Type IV - Short - N/A

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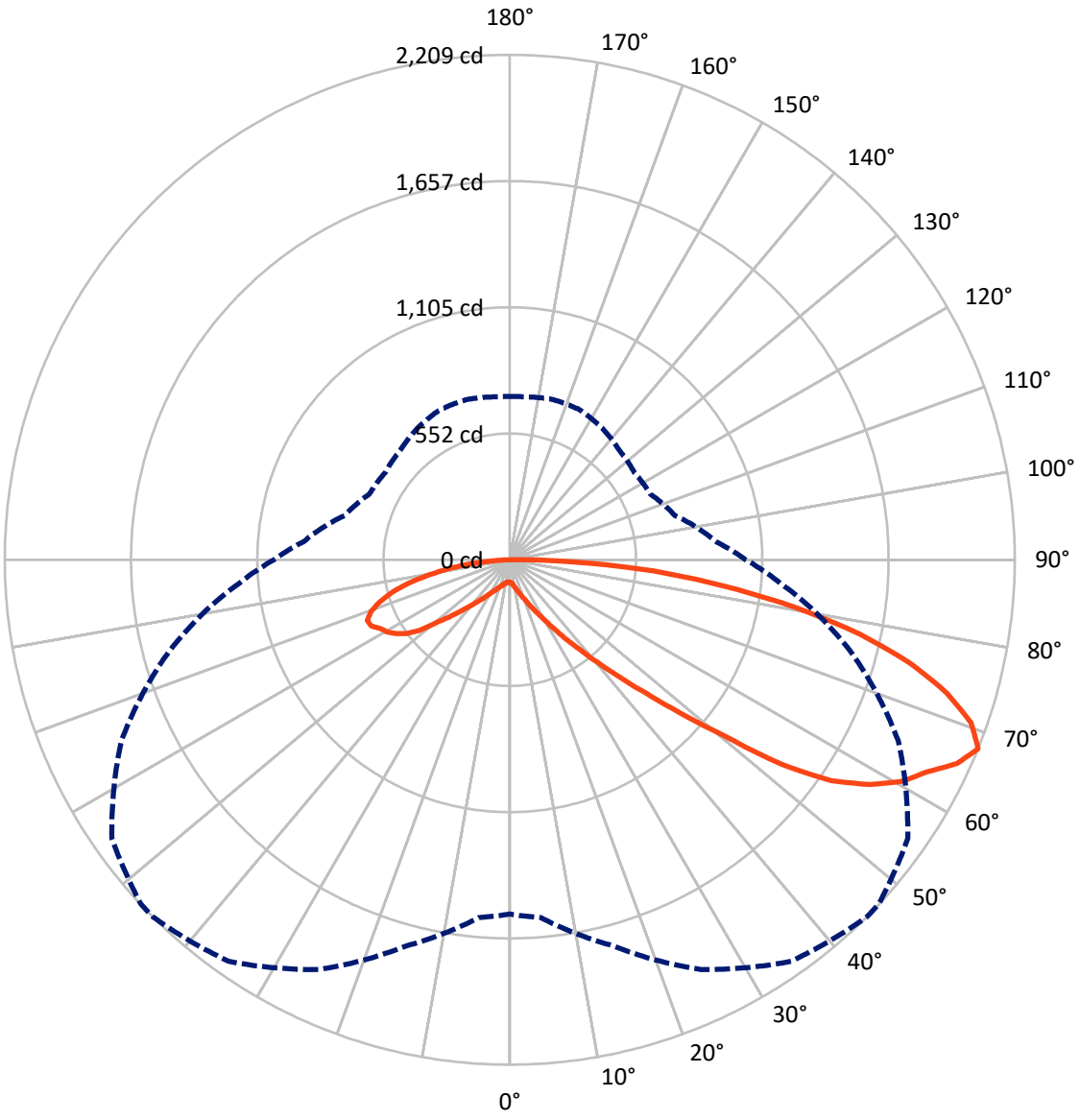
Luminous Intensity Polar Plot



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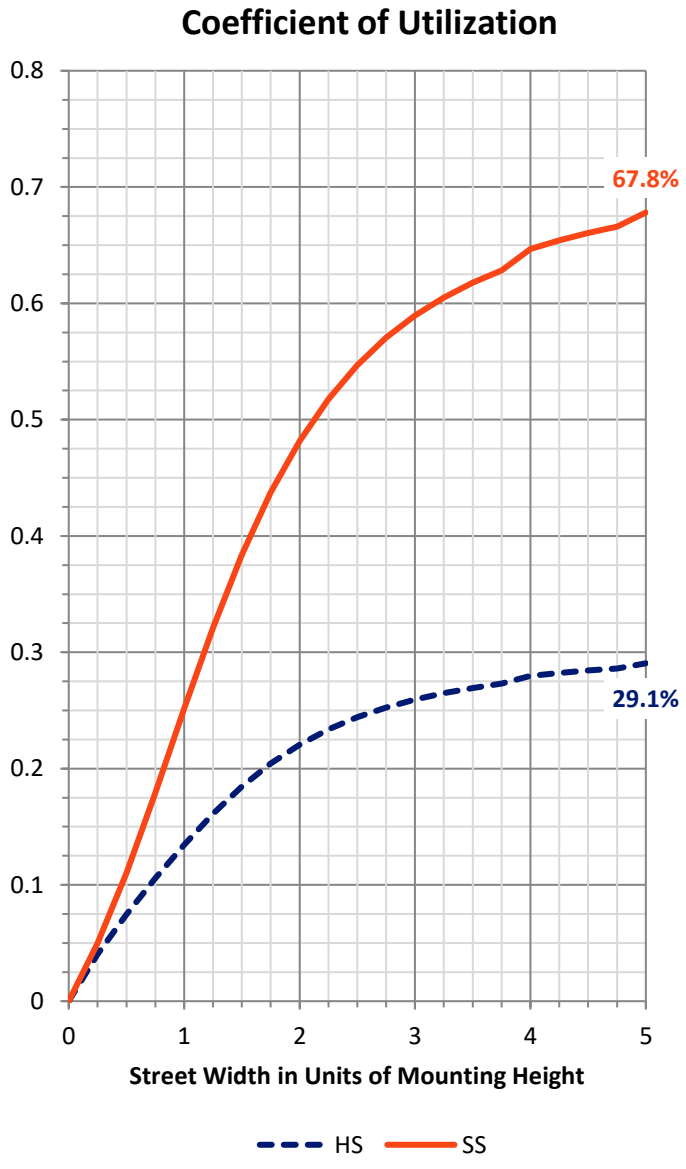
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1262.2	0.0	1262.2
	% Fixture	29.6	0.0	29.6
Street Side	Lumens	2996.8	0.0	2996.8
	% Fixture	70.4	0.0	70.4
Total	Lumens	4259.0	0.0	4259.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	0.2
10°-20°	37.9	0.9
20°-30°	89.3	2.1
30°-40°	195.7	4.6
40°-50°	426.2	10.0
50°-60°	875.6	20.6
60°-70°	1233.6	29.0
70°-80°	1047.3	24.6
80°-90°	343.2	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°	4259.0	100.0
0°-180°	4259.0	100.0



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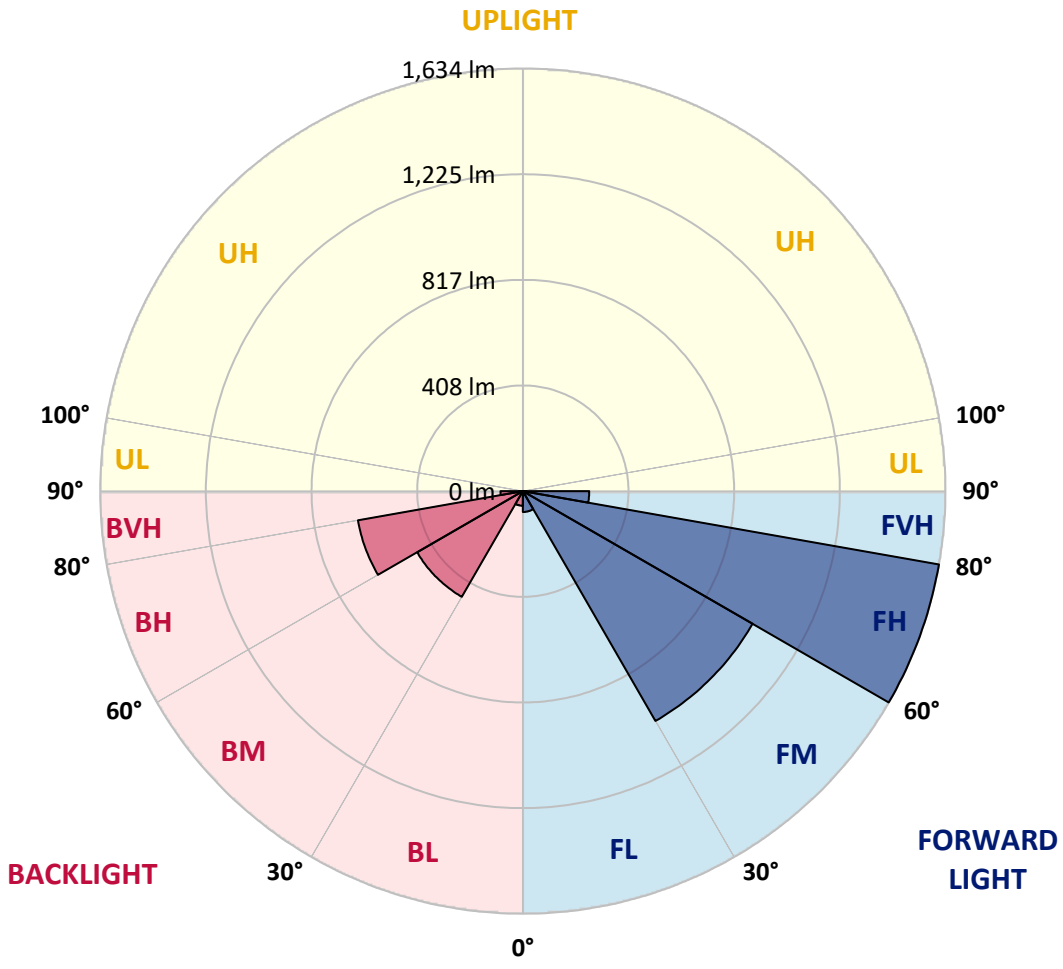
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	80.6	1.9			
FM	(30°-60°)	1025.8	24.1			
FH	(60°-80°)	1633.8	38.4			G1/1800
FVH	(80°-90°)	256.7	6.0			G3/500
BL	(0°-30°)	56.7	1.3	B0/110		
BM	(30°-60°)	471.8	11.1	B1/1000		
BH	(60°-80°)	647.2	15.2	B2/1000		G2/1000
BVH	(80°-90°)	86.6	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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REPORT NUMBER: P879909
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	98.3	98.3	98.3	98.3	98.3	*98.3*	98.3	98.3	98.3	98.3	98.3
2.5°	101.4	101.0	101.4	101.4	101.4	*101.0*	101.0	101.0	100.5	100.1	99.6
5°	107.5	107.5	107.5	107.0	107.0	*106.2*	106.2	105.7	104.9	104.0	103.1
7.5°	115.8	115.3	115.3	114.9	114.4	*113.6*	113.1	112.7	111.0	109.7	107.9
10°	125.8	125.8	125.3	124.5	124.5	*122.3*	122.7	121.8	119.7	117.1	114.0
12.5°	137.9	137.9	137.1	137.1	136.2	*134.5*	134.0	132.7	130.5	126.2	122.7
15°	151.4	151.4	152.3	151.4	150.6	*148.4*	148.4	146.6	141.9	138.4	133.2
17.5°	168.4	166.2	167.5	167.1	167.1	*165.8*	164.5	162.3	158.4	152.3	145.8
20°	185.8	186.2	184.9	186.2	186.7	*184.9*	184.9	182.3	176.7	169.3	158.8
22.5°	207.6	207.6	205.0	208.4	210.6	*209.3*	208.9	203.7	196.7	186.7	176.2
25°	230.2	229.3	233.7	234.5	239.3	*238.9*	238.5	233.7	223.2	211.0	194.9
27.5°	255.9	257.2	265.4	267.6	272.4	*272.0*	271.5	266.3	255.0	238.5	217.6
30°	287.6	289.4	297.2	304.6	312.9	*313.7*	312.9	308.5	292.0	270.2	246.7
32.5°	324.6	329.4	337.2	349.9	360.3	*365.1*	366.0	358.1	339.4	310.7	279.8
35°	375.1	371.2	382.1	402.9	420.4	*429.9*	429.5	419.0	398.6	362.0	318.1
37.5°	424.7	423.4	440.4	467.8	491.3	*499.1*	501.3	494.3	468.2	419.9	368.1
40°	476.5	487.4	507.0	538.7	573.5	*590.1*	591.4	581.4	545.7	491.3	423.0
42.5°	543.9	554.8	579.6	618.8	669.3	*696.7*	698.4	687.1	644.0	573.5	489.1
45°	629.2	635.3	661.4	721.0	785.9	*829.8*	842.5	828.5	775.4	677.5	571.4
47.5°	721.0	721.0	763.7	842.5	940.4	*998.2*	1007.8	995.2	916.0	798.1	663.2
50°	823.3	823.7	891.6	1004.3	1127.9	*1200.1*	1207.5	1177.1	1081.3	920.8	756.7
52.5°	929.5	940.8	1040.0	1210.6	1376.4	*1486.9*	1494.3	1459.1	1331.6	1096.6	856.4
55°	1075.7	1093.5	1237.6	1446.9	1619.2	*1706.2*	1706.7	1664.5	1511.3	1267.2	975.6
57.5°	1278.5	1285.4	1419.9	1633.6	1796.3	*1855.9*	1851.6	1789.8	1613.1	1362.5	1073.5
60°	1446.0	1462.1	1571.8	1770.2	1929.0	*1969.9*	1965.1	1883.3	1682.7	1418.2	1120.5
62.5°	1556.1	1563.9	1677.5	1868.1	2010.8	*2045.2*	2040.0	1963.8	1768.0	1515.2	1198.8
65°	1582.6	1595.7	1739.7	1933.4	2071.8	*2149.2*	2145.7	2104.8	1903.8	1587.0	1235.8
67.5°	*1550.4*	*1572.2*	*1748.9*	*1978.2*	*2144.9*	*2209.3*	*2207.5*	*2125.3*	*1874.6*	*1540.9*	*1189.3*
70°	1484.7	1503.4	1722.8	1973.4	2123.5	*2140.9*	2127.5	2033.5	1788.9	1464.3	1119.6
72.5°	1381.2	1412.9	1627.0	1864.2	1989.5	*2000.8*	1996.0	1881.2	1660.1	1332.4	1014.3
75°	1245.4	1284.1	1478.2	1670.1	1789.3	*1808.9*	1799.8	1699.3	1475.6	1167.5	883.8
77.5°	1073.5	1095.3	1243.2	1425.6	1562.6	*1566.1*	1560.9	1448.6	1242.8	977.8	743.7
80°	845.9	859.0	987.4	1139.2	1252.8	*1266.7*	1261.9	1186.2	986.9	773.7	580.1
82.5°	626.6	617.9	704.1	828.5	941.2	*942.1*	949.9	865.9	738.9	561.3	415.1
85°	360.7	364.2	439.1	523.9	592.2	*631.8*	631.4	590.9	475.2	357.3	253.3
87.5°	100.5	108.4	155.8	226.7	257.6	*280.2*	272.0	245.4	198.4	112.3	64.4
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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Scaled Data Report

REPORT NUMBER: P879909
CATALOG NUMBER: MEM2-HSN-VA-40-740-U-WT4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2.5°	99.6	99.2	98.8	98.3	97.5	97.5	97.0	97.5	97.5	97.5	97.5
5°	102.3	101.8	100.5	99.6	98.3	97.5	97.0	97.0	97.0	97.0	97.0
7.5°	106.6	106.2	104.0	102.3	100.5	99.6	98.8	98.3	97.9	97.5	97.9
10°	113.1	111.4	109.2	106.6	104.0	102.7	101.4	101.0	100.5	100.1	100.1
12.5°	120.5	119.2	115.3	111.8	109.2	107.0	105.3	104.4	104.0	103.6	103.6
15°	130.5	127.9	122.7	118.4	114.4	111.8	110.1	109.2	108.8	108.4	108.4
17.5°	141.9	138.4	131.4	125.8	121.4	117.9	115.8	114.4	113.6	114.0	114.4
20°	154.9	149.3	141.4	134.5	128.8	124.9	122.7	121.0	120.1	120.5	121.0
22.5°	170.1	164.1	152.7	144.5	137.5	132.7	130.5	129.2	128.4	127.9	127.1
25°	187.5	179.7	166.7	155.3	147.1	142.3	139.7	138.8	137.9	137.1	137.1
27.5°	208.4	199.3	181.5	169.3	159.3	154.5	151.4	150.1	150.1	148.8	148.8
30°	232.8	220.6	198.9	182.8	172.8	166.7	163.2	162.7	161.9	163.2	163.2
32.5°	262.0	245.4	218.9	200.2	188.9	183.2	179.7	178.8	177.5	178.4	181.0
35°	298.5	277.2	245.4	223.2	209.3	203.7	199.3	198.9	196.7	198.9	195.4
37.5°	339.4	315.9	273.7	247.6	232.4	225.8	222.8	221.5	221.1	221.1	218.4
40°	389.5	361.2	309.8	277.6	260.2	252.4	249.3	248.9	248.0	251.1	248.0
42.5°	451.3	408.2	347.3	310.7	292.9	284.6	281.1	279.8	282.0	283.3	282.8
45°	520.0	473.4	395.1	352.9	332.5	324.2	319.4	318.1	319.0	319.0	323.3
47.5°	599.2	544.4	449.9	399.0	380.3	370.3	367.3	362.9	360.7	359.9	367.3
50°	681.9	613.6	506.1	449.1	432.1	424.3	425.1	416.4	413.4	409.9	409.0
52.5°	765.0	687.5	570.0	518.7	499.1	503.0	501.3	492.2	474.3	470.0	459.5
55°	864.6	771.1	631.4	570.0	553.1	556.1	563.1	563.1	559.2	549.6	541.3
57.5°	949.1	840.3	677.5	600.9	586.1	594.0	607.9	618.3	627.5	634.4	634.0
60°	996.1	882.9	707.6	624.4	607.0	622.3	643.2	661.0	680.6	701.0	700.2
62.5°	1060.9	942.5	761.1	666.2	636.2	641.0	664.9	695.8	713.6	730.6	735.4
65°	1077.9	953.4	781.1	695.8	671.4	672.3	688.4	713.6	728.9	733.2	735.8
67.5°	*1032.2*	*905.5*	*748.0*	*678.4*	*665.3*	*677.5*	*703.6*	*723.7*	*725.8*	*715.4*	*714.5*
70°	963.4	846.8	695.8	637.5	629.2	647.9	682.3	706.2	701.0	679.7	678.4
72.5°	866.4	758.0	625.7	583.5	575.3	598.8	629.2	654.5	646.6	630.5	629.2
75°	749.8	648.4	540.9	509.6	509.1	534.8	561.3	576.6	576.1	564.8	561.3
77.5°	623.1	540.9	445.6	417.3	427.8	452.1	471.7	483.0	479.1	475.2	473.9
80°	487.8	414.7	343.8	326.8	342.9	351.2	372.1	371.2	373.4	365.1	371.2
82.5°	347.3	298.9	246.3	238.9	241.1	257.6	268.9	267.6	262.0	255.9	253.3
85°	210.6	184.1	158.0	147.5	154.9	153.6	160.6	154.9	151.4	148.4	151.0
87.5°	58.3	50.5	48.3	34.8	43.1	33.9	35.7	24.8	21.8	26.1	22.6
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: SP1-2407-176-5

Test Date: 09/24/2024

Luminaire Tested: MEM2-HTN-VA-30-740-U-WQ

Data in this report applies to families of products including MEM2-HTN-VA-30-740-U-WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

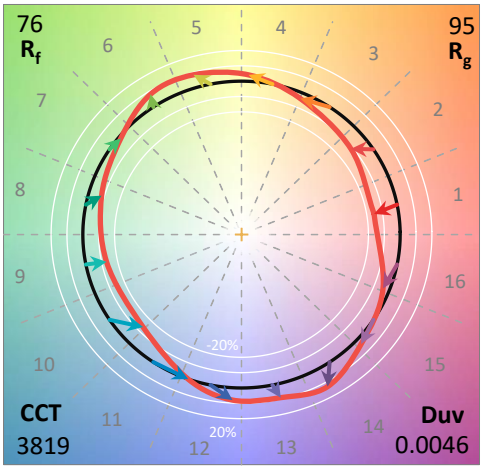
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-176-5
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-30-740-U-WQ**
Description:	EPIC MODERN VISUAL COMFORT 30W WAVESTREAM WIDE

Spectral Parameters

CCT (K):	3819	CRI (Ra):	72.9		
CIE u':	0.2261	R1:	70.1	R9:	-21.5
CIE v':	0.5108	R2:	78.4	R10:	48.5
Duv:	0.0046	R3:	85.0	R11:	68.4
CIE x:	0.3926	R4:	72.9	R12:	39.0
CIE y:	0.3942	R5:	69.1	R13:	71.1
CIE z:	0.2132	R6:	69.2	R14:	91.3
Peak Wavelength (nm):	450	R7:	82.8	R15:	63.2
Dominant Wavelength (nm):	577	R8:	55.4		
Purity:	36.15483				

Rf:	75.6
Rg:	94.8



Test Conditions

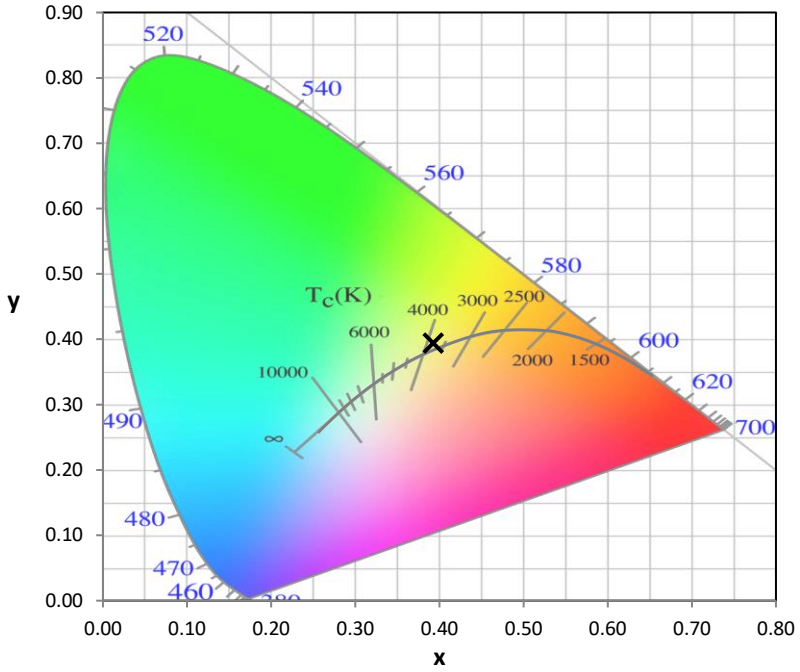
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-176-5

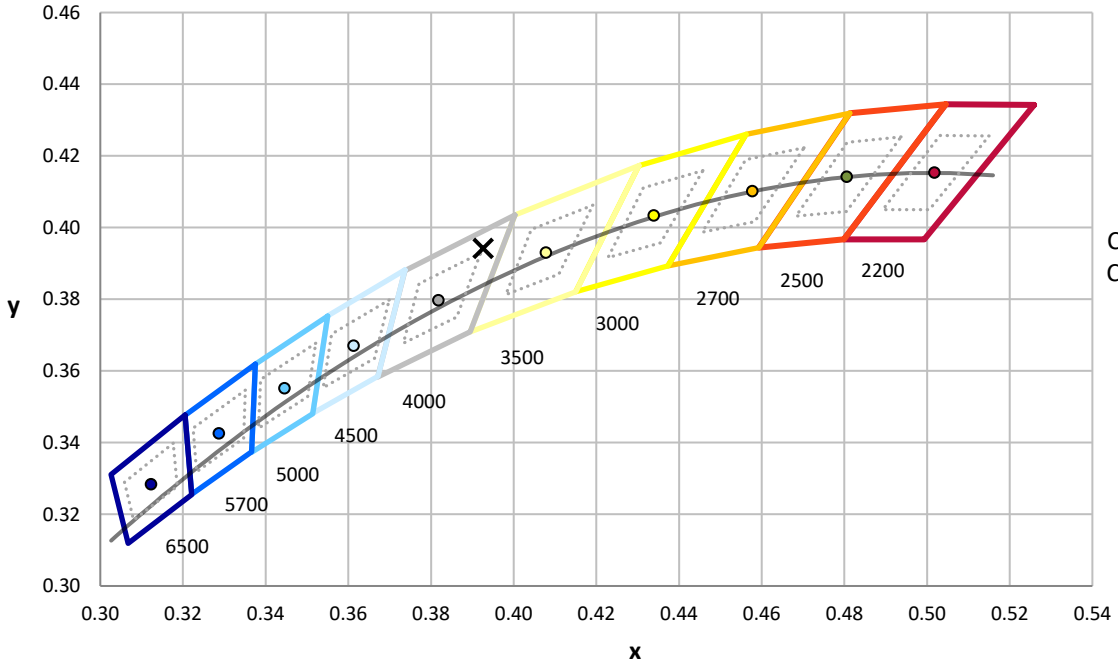
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-176-5

CIE 1931 Chromaticity Diagram



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

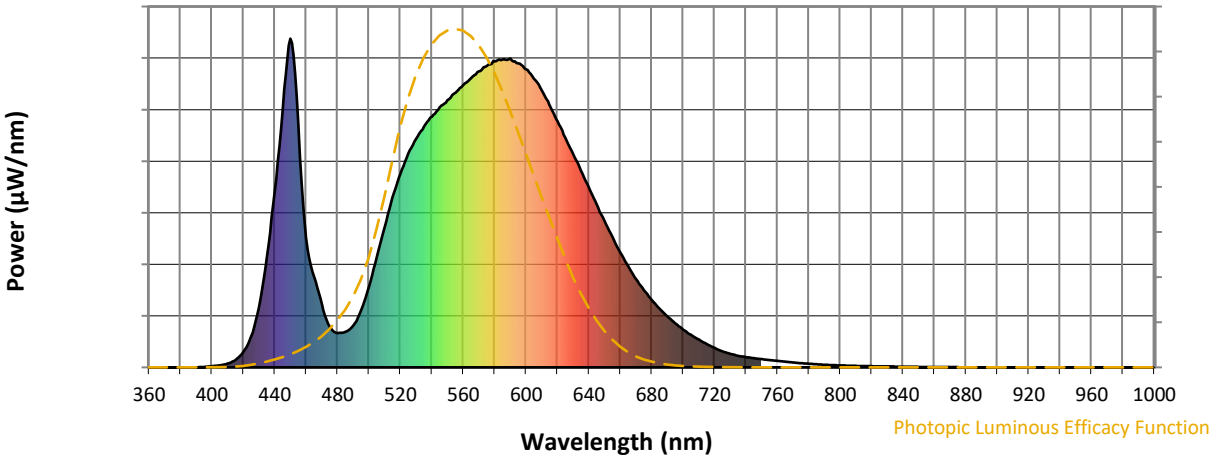


CCT = 3819K
CIE x = 0.3926
CIE y = 0.3942
Duv = 0.0046

Point lies inside the ANSI 4000K 7-step quadrangle

REPORT NUMBER: SP1-2407-176-5

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	127	NR	620	748	NR	750	25	NR	880	0	NR
365	0	NR	495	173	NR	625	699	NR	755	22	NR	885	0	NR
370	0	NR	500	246	NR	630	648	NR	760	20	NR	890	0	NR
375	0	NR	505	335	NR	635	599	NR	765	17	NR	895	0	NR
380	0	NR	510	427	NR	640	547	NR	770	15	NR	900	0	NR
385	0	NR	515	517	NR	645	495	NR	775	13	NR	905	0	NR
390	0	NR	520	589	NR	650	445	NR	780	11	NR	910	0	NR
395	1	NR	525	649	NR	655	396	NR	785	9	NR	915	0	NR
400	4	NR	530	695	NR	660	349	NR	790	8	NR	920	0	NR
405	6	NR	535	733	NR	665	308	NR	795	7	NR	925	0	NR
410	11	NR	540	763	NR	670	269	NR	800	6	NR	930	0	NR
415	23	NR	545	792	NR	675	235	NR	805	5	NR	935	0	NR
420	46	NR	550	813	NR	680	205	NR	810	5	NR	940	0	NR
425	95	NR	555	835	NR	685	178	NR	815	4	NR	945	0	NR
430	183	NR	560	859	NR	690	155	NR	820	3	NR	950	0	NR
435	338	NR	565	880	NR	695	134	NR	825	3	NR	955	0	NR
440	534	NR	570	900	NR	700	115	NR	830	3	NR	960	0	NR
445	782	NR	575	918	NR	705	99	NR	835	2	NR	965	0	NR
450	1000	NR	580	931	NR	710	84	NR	840	2	NR	970	0	NR
455	739	NR	585	937	NR	715	71	NR	845	2	NR	975	0	NR
460	393	NR	590	939	NR	720	59	NR	850	1	NR	980	0	NR
465	276	NR	595	925	NR	725	49	NR	855	1	NR	985	0	NR
470	190	NR	600	907	NR	730	41	NR	860	1	NR	990	0	NR
475	123	NR	605	878	NR	735	35	NR	865	1	NR	995	0	NR
480	105	NR	610	842	NR	740	31	NR	870	1	NR	1000	0	NR
485	108	NR	615	797	NR	745	28	NR	875	1	NR			

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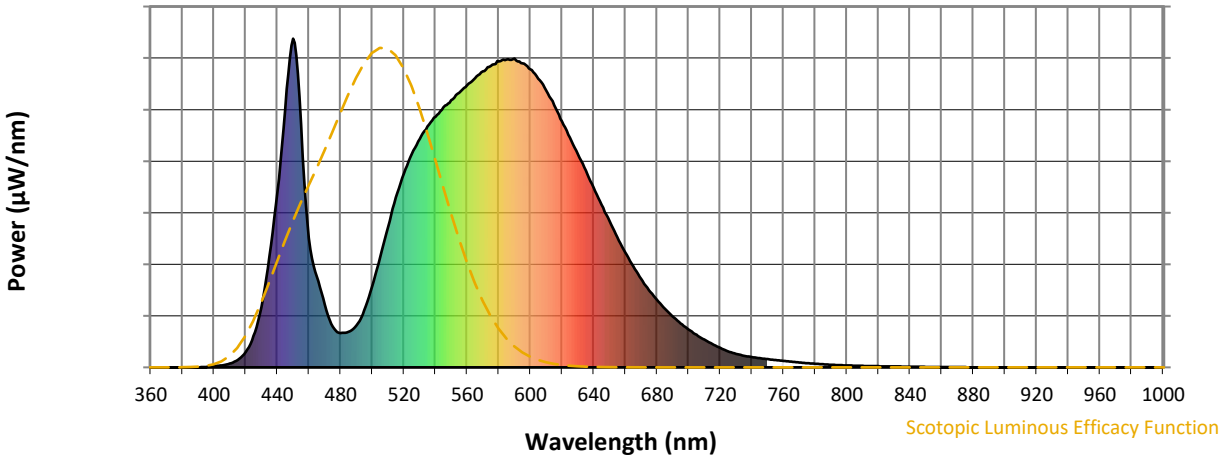
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.45**

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	127	NR	620	748	NR	750	25	NR	880	0	NR
365	0	NR	495	173	NR	625	699	NR	755	22	NR	885	0	NR
370	0	NR	500	246	NR	630	648	NR	760	20	NR	890	0	NR
375	0	NR	505	335	NR	635	599	NR	765	17	NR	895	0	NR
380	0	NR	510	427	NR	640	547	NR	770	15	NR	900	0	NR
385	0	NR	515	517	NR	645	495	NR	775	13	NR	905	0	NR
390	0	NR	520	589	NR	650	445	NR	780	11	NR	910	0	NR
395	1	NR	525	649	NR	655	396	NR	785	9	NR	915	0	NR
400	4	NR	530	695	NR	660	349	NR	790	8	NR	920	0	NR
405	6	NR	535	733	NR	665	308	NR	795	7	NR	925	0	NR
410	11	NR	540	763	NR	670	269	NR	800	6	NR	930	0	NR
415	23	NR	545	792	NR	675	235	NR	805	5	NR	935	0	NR
420	46	NR	550	813	NR	680	205	NR	810	5	NR	940	0	NR
425	95	NR	555	835	NR	685	178	NR	815	4	NR	945	0	NR
430	183	NR	560	859	NR	690	155	NR	820	3	NR	950	0	NR
435	338	NR	565	880	NR	695	134	NR	825	3	NR	955	0	NR
440	534	NR	570	900	NR	700	115	NR	830	3	NR	960	0	NR
445	782	NR	575	918	NR	705	99	NR	835	2	NR	965	0	NR
450	1000	NR	580	931	NR	710	84	NR	840	2	NR	970	0	NR
455	739	NR	585	937	NR	715	71	NR	845	2	NR	975	0	NR
460	393	NR	590	939	NR	720	59	NR	850	1	NR	980	0	NR
465	276	NR	595	925	NR	725	49	NR	855	1	NR	985	0	NR
470	190	NR	600	907	NR	730	41	NR	860	1	NR	990	0	NR
475	123	NR	605	878	NR	735	35	NR	865	1	NR	995	0	NR
480	105	NR	610	842	NR	740	31	NR	870	1	NR	1000	0	NR
485	108	NR	615	797	NR	745	28	NR	875	1	NR			

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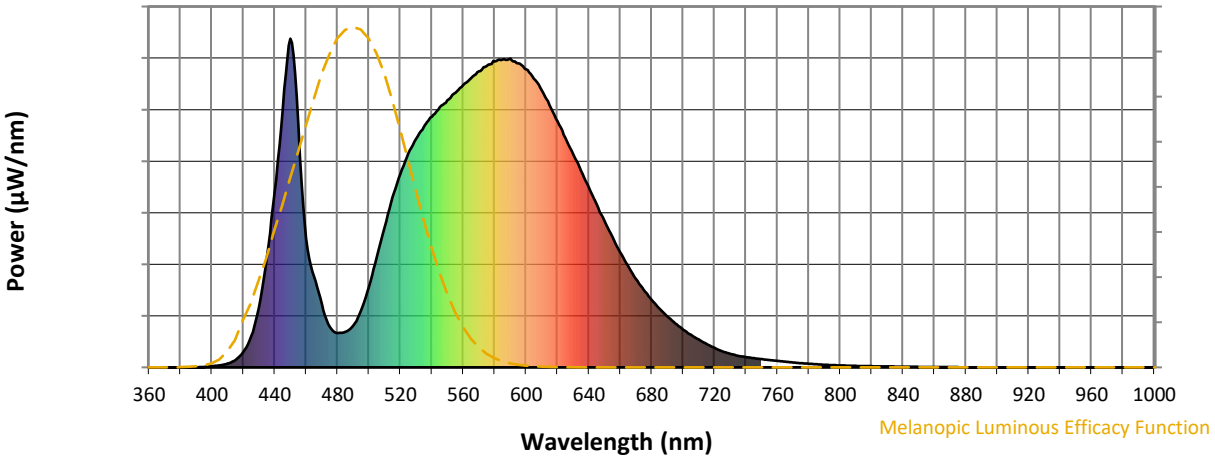
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.76**

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	127	NR	620	748	NR	750	25	NR	880	0	NR
365	0	NR	495	173	NR	625	699	NR	755	22	NR	885	0	NR
370	0	NR	500	246	NR	630	648	NR	760	20	NR	890	0	NR
375	0	NR	505	335	NR	635	599	NR	765	17	NR	895	0	NR
380	0	NR	510	427	NR	640	547	NR	770	15	NR	900	0	NR
385	0	NR	515	517	NR	645	495	NR	775	13	NR	905	0	NR
390	0	NR	520	589	NR	650	445	NR	780	11	NR	910	0	NR
395	1	NR	525	649	NR	655	396	NR	785	9	NR	915	0	NR
400	4	NR	530	695	NR	660	349	NR	790	8	NR	920	0	NR
405	6	NR	535	733	NR	665	308	NR	795	7	NR	925	0	NR
410	11	NR	540	763	NR	670	269	NR	800	6	NR	930	0	NR
415	23	NR	545	792	NR	675	235	NR	805	5	NR	935	0	NR
420	46	NR	550	813	NR	680	205	NR	810	5	NR	940	0	NR
425	95	NR	555	835	NR	685	178	NR	815	4	NR	945	0	NR
430	183	NR	560	859	NR	690	155	NR	820	3	NR	950	0	NR
435	338	NR	565	880	NR	695	134	NR	825	3	NR	955	0	NR
440	534	NR	570	900	NR	700	115	NR	830	3	NR	960	0	NR
445	782	NR	575	918	NR	705	99	NR	835	2	NR	965	0	NR
450	1000	NR	580	931	NR	710	84	NR	840	2	NR	970	0	NR
455	739	NR	585	937	NR	715	71	NR	845	2	NR	975	0	NR
460	393	NR	590	939	NR	720	59	NR	850	1	NR	980	0	NR
465	276	NR	595	925	NR	725	49	NR	855	1	NR	985	0	NR
470	190	NR	600	907	NR	730	41	NR	860	1	NR	990	0	NR
475	123	NR	605	878	NR	735	35	NR	865	1	NR	995	0	NR
480	105	NR	610	842	NR	740	31	NR	870	1	NR	1000	0	NR
485	108	NR	615	797	NR	745	28	NR	875	1	NR			

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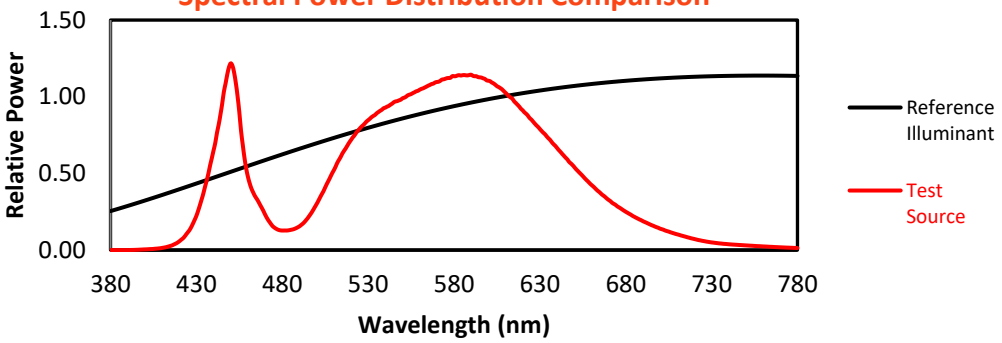
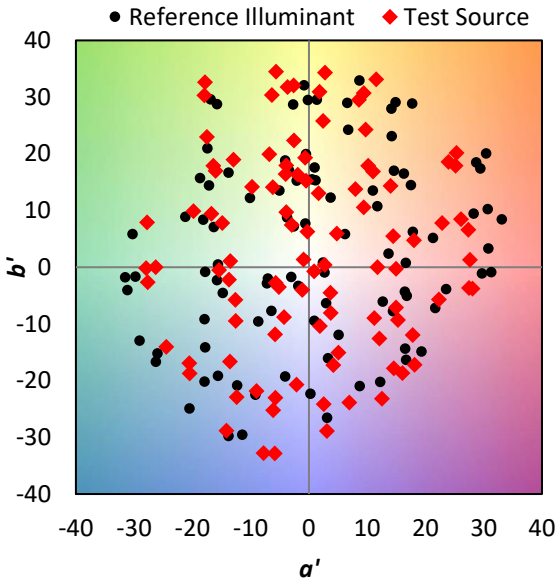
Summary

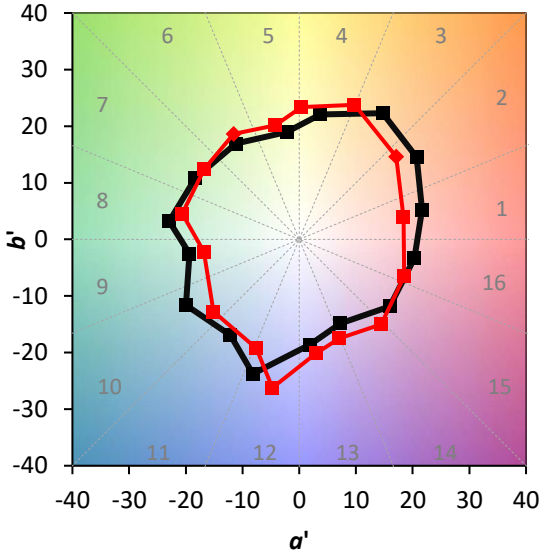
R_f = 75.6
R_g = 94.8
CIE R_a = 72.9
R_9 = -21.5

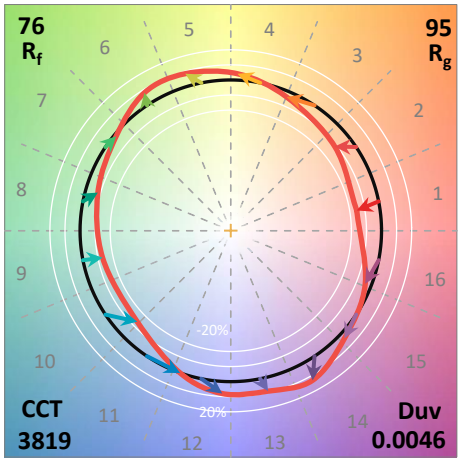
Spectral Power Distribution Comparison

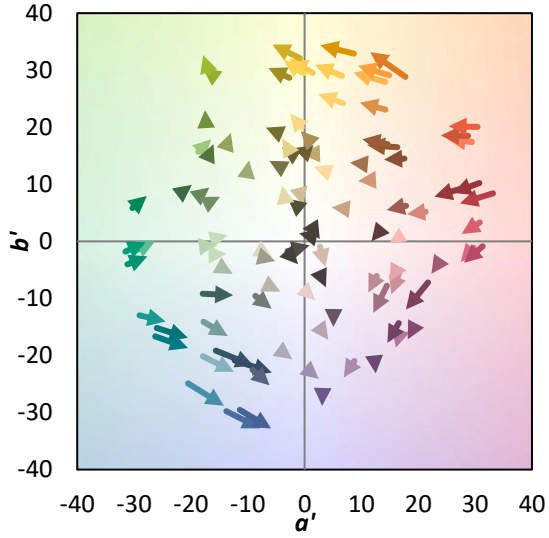


Color Vector Graphics









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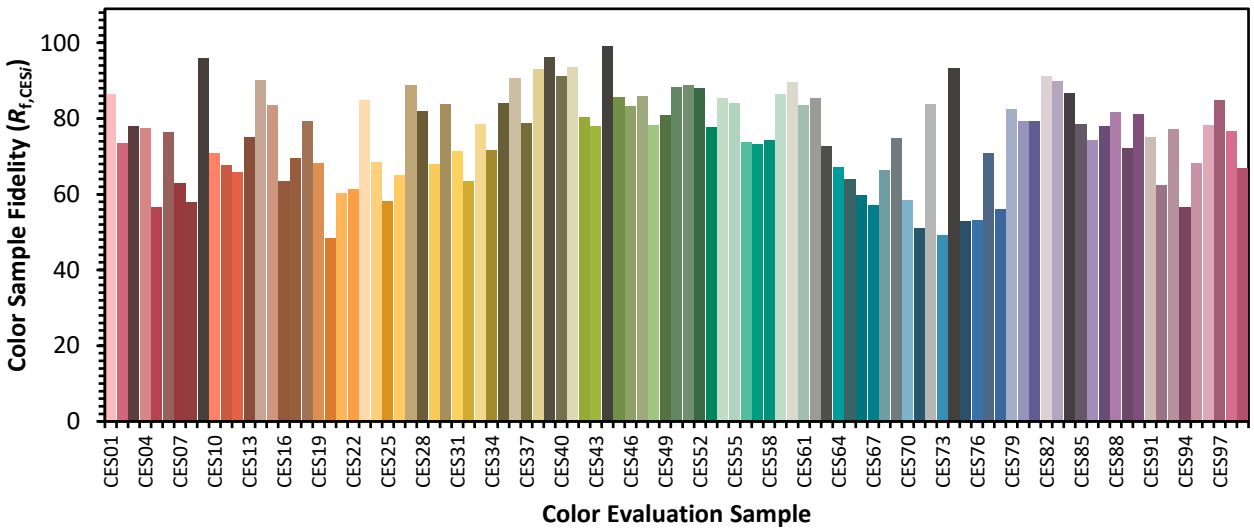
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 53
CES02 = 61	CES27 = 89	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 82	CES53 = 78	CES78 = 56
CES04 = 70	CES29 = 68	CES54 = 85	CES79 = 83
CES05 = 48	CES30 = 84	CES55 = 84	CES80 = 79
CES06 = 50	CES31 = 71	CES56 = 74	CES81 = 79
CES07 = 40	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 39	CES33 = 79	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 72	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 84	CES60 = 90	CES85 = 78
CES11 = 57	CES36 = 91	CES61 = 84	CES86 = 74
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 93	CES63 = 73	CES88 = 82
CES14 = 74	CES39 = 96	CES64 = 67	CES89 = 72
CES15 = 71	CES40 = 91	CES65 = 64	CES90 = 81
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 75
CES17 = 49	CES42 = 80	CES67 = 57	CES92 = 62
CES18 = 56	CES43 = 78	CES68 = 66	CES93 = 77
CES19 = 72	CES44 = 99	CES69 = 75	CES94 = 57
CES20 = 65	CES45 = 86	CES70 = 58	CES95 = 68
CES21 = 86	CES46 = 83	CES71 = 51	CES96 = 78
CES22 = 78	CES47 = 86	CES72 = 84	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 49	CES98 = 77
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 67
CES25 = 72	CES50 = 88	CES75 = 53	



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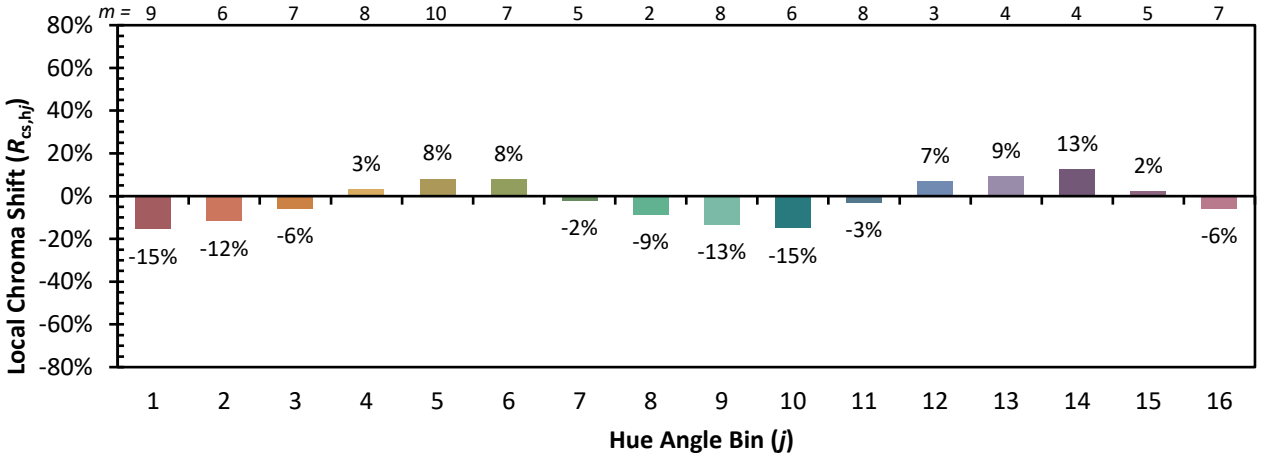
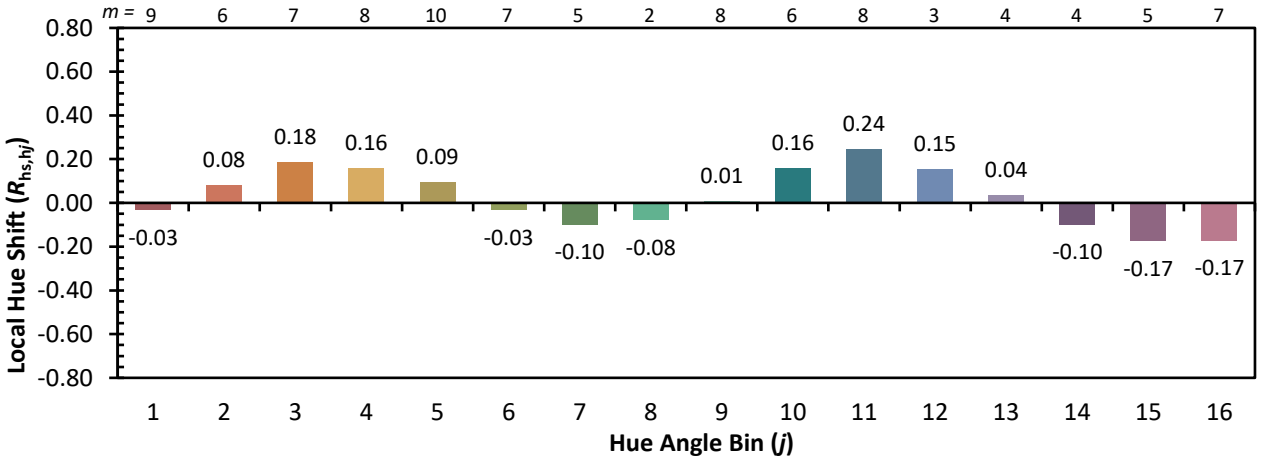
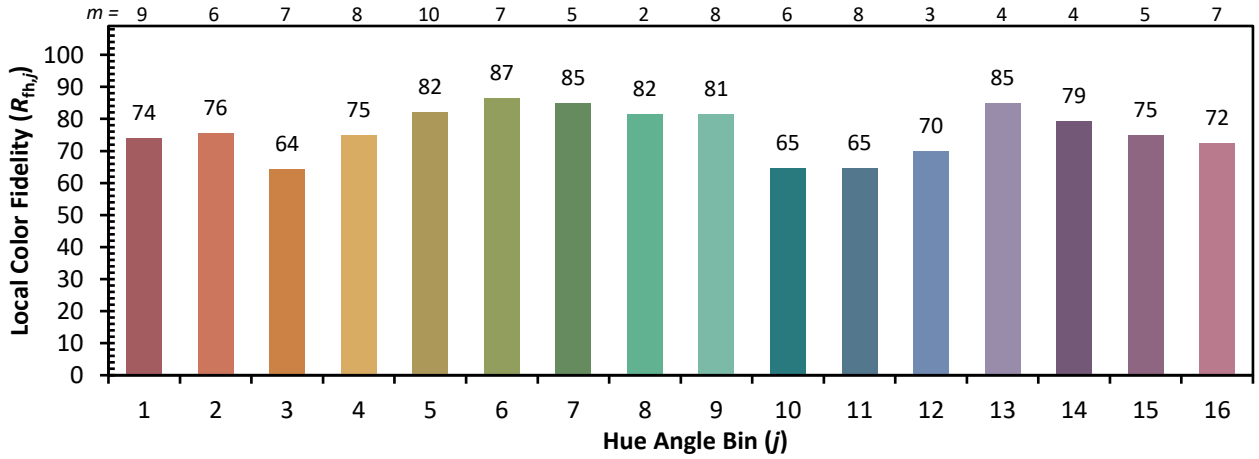
Color Rendition by Hue-Angle Bin







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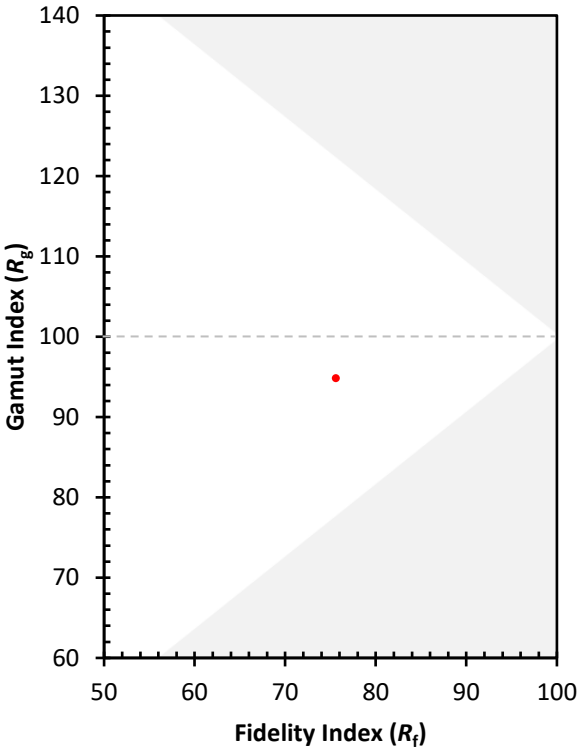
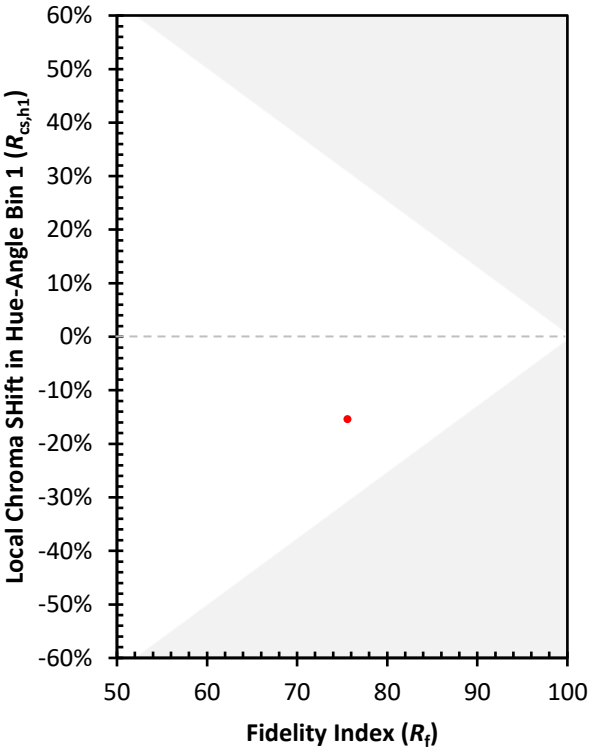
Measure Comparisons





(END OF REPORT)