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: P879908

Luminaire Tested: **MEM2-HSN-VA-30-740-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:	P879908
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	10/01/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HSN-VA-30-740-U-WT4
Description:	EPIC MODERN SHORT HOUSING 30W 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:	3142.4 lumens
Efficiency:	N/A
Efficacy:	112.2 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	28
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	11%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P879908
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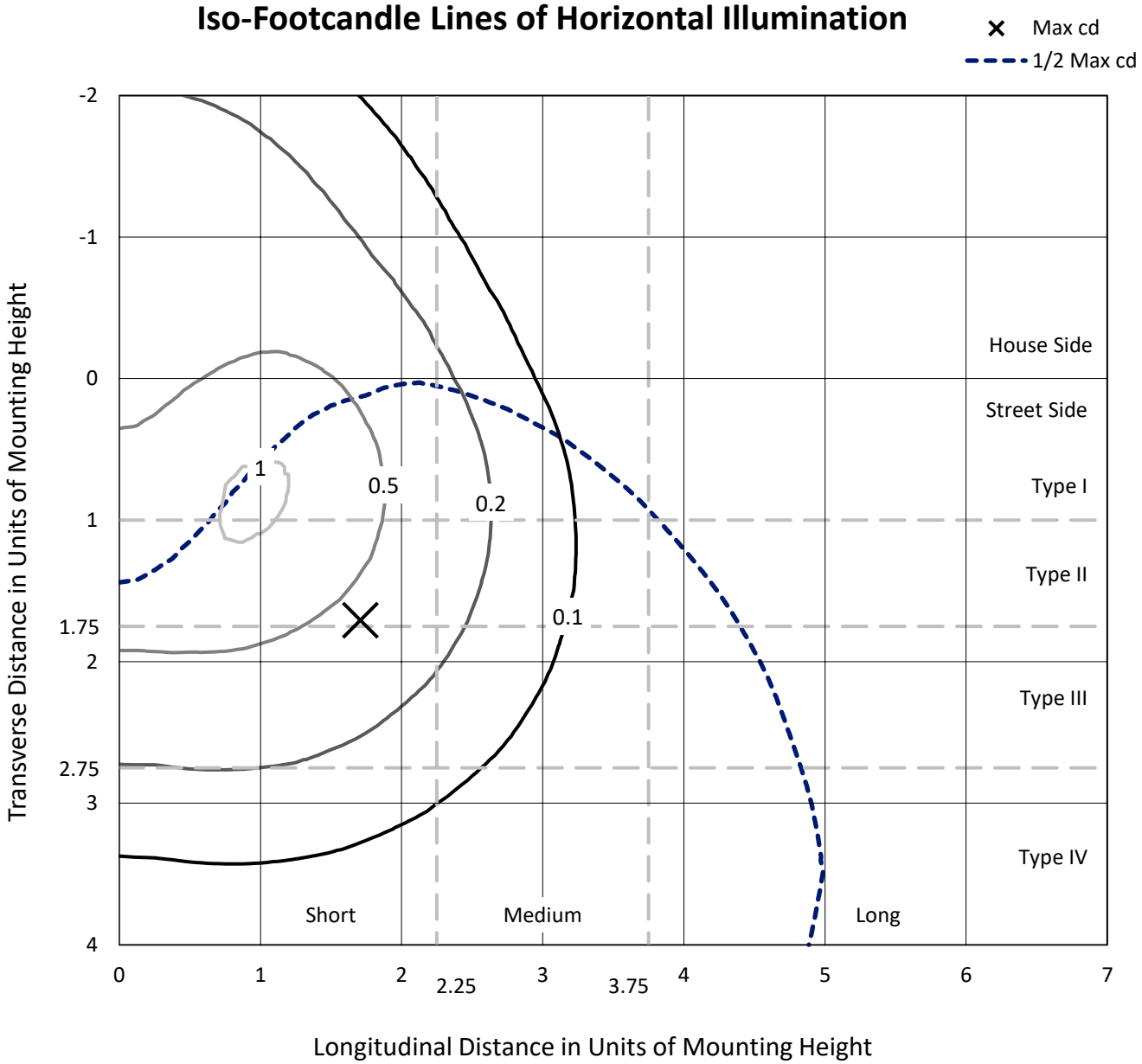
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
Type IV - Short - N/A

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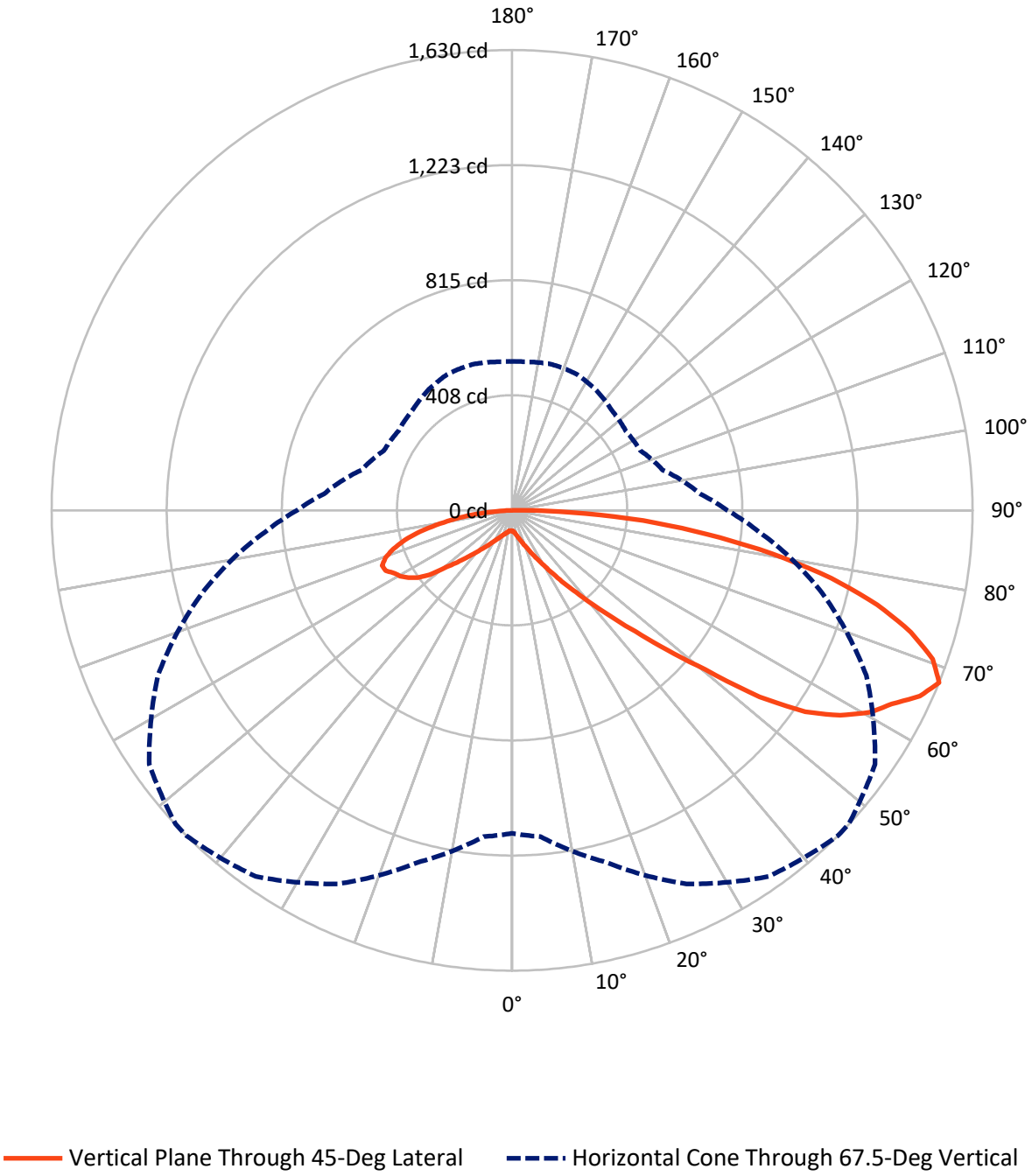
Luminous Intensity Polar Plot



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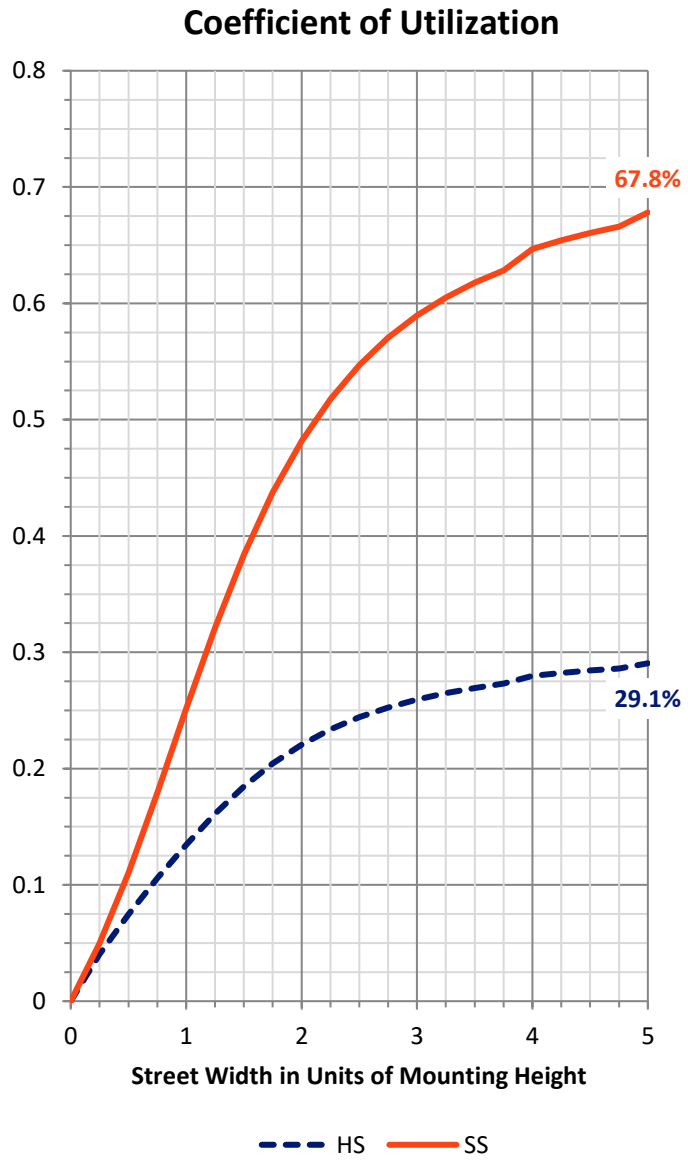
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	931.3	0.0	931.3
	% Fixture	29.6	0.0	29.6
Street Side	Lumens	2211.1	0.0	2211.1
	% Fixture	70.4	0.0	70.4
Total	Lumens	3142.4	0.0	3142.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.4	0.2
10°-20°	28.0	0.9
20°-30°	65.9	2.1
30°-40°	144.4	4.6
40°-50°	314.4	10.0
50°-60°	646.1	20.6
60°-70°	910.2	29.0
70°-80°	772.8	24.6
80°-90°	253.2	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°	3142.4	100.0
0°-180°	3142.4	100.0



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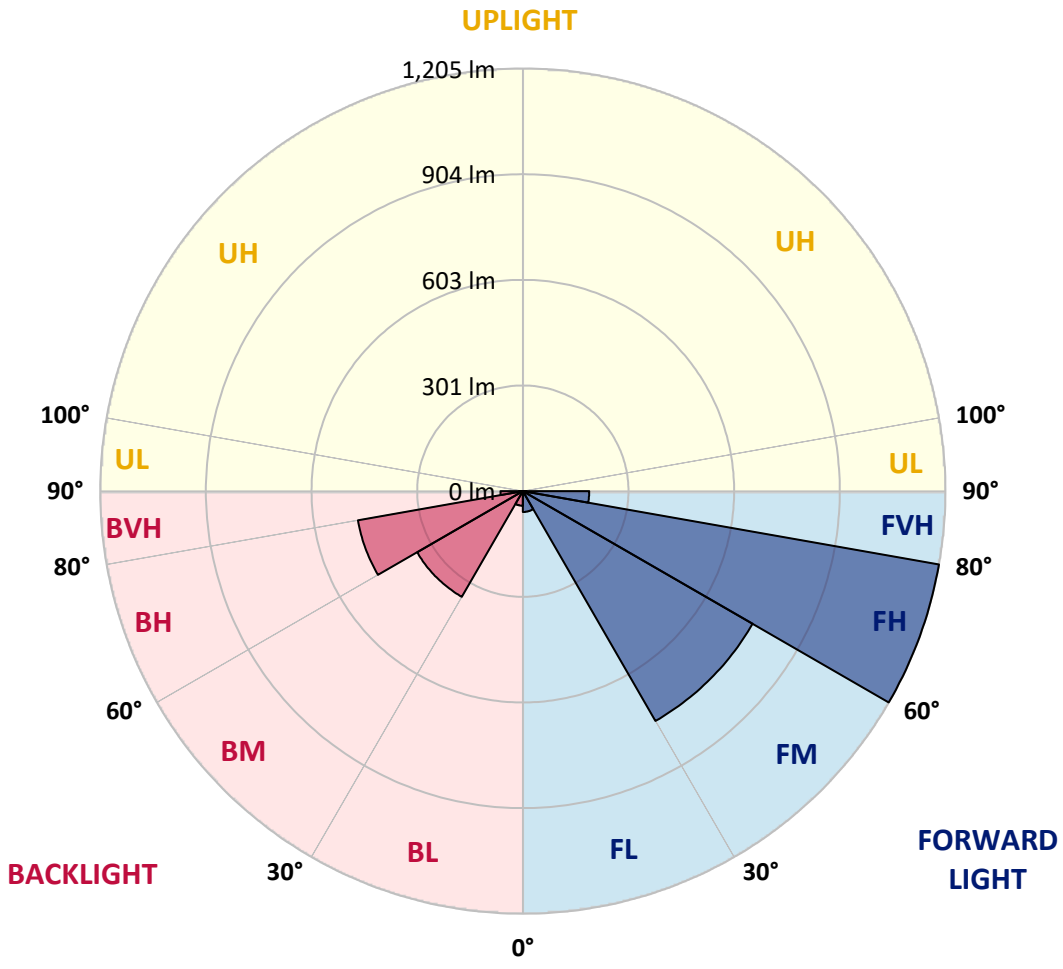
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	59.5	1.9			
FM	(30°-60°)	756.9	24.1			
FH	(60°-80°)	1205.4	38.4			G1/1800
FVH	(80°-90°)	189.4	6.0			G2/225
BL	(0°-30°)	41.8	1.3	B0/110		
BM	(30°-60°)	348.1	11.1	B1/1000		
BH	(60°-80°)	477.5	15.2	B1/500		G1/500
BVH	(80°-90°)	63.9	2.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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REPORT NUMBER: P879908
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	72.6	72.6	72.6	72.6	72.6	*72.6*	72.6	72.6	72.6	72.6	72.6
2.5°	74.8	74.5	74.8	74.8	74.8	*74.5*	74.5	74.5	74.2	73.8	73.5
5°	79.3	79.3	79.3	79.0	79.0	*78.3*	78.3	78.0	77.4	76.7	76.1
7.5°	85.4	85.1	85.1	84.8	84.4	*83.8*	83.5	83.2	81.9	80.9	79.6
10°	92.8	92.8	92.5	91.8	91.8	*90.2*	90.5	89.9	88.3	86.4	84.1
12.5°	101.8	101.8	101.1	101.1	100.5	*99.2*	98.9	97.9	96.3	93.1	90.5
15°	111.7	111.7	112.4	111.7	111.1	*109.5*	109.5	108.2	104.7	102.1	98.2
17.5°	124.3	122.6	123.6	123.3	123.3	*122.3*	121.4	119.8	116.9	112.4	107.6
20°	137.1	137.4	136.5	137.4	137.7	*136.5*	136.5	134.5	130.4	124.9	117.2
22.5°	153.1	153.1	151.2	153.8	155.4	*154.4*	154.1	150.3	145.1	137.7	130.0
25°	169.8	169.2	172.4	173.1	176.6	*176.3*	175.9	172.4	164.7	155.7	143.8
27.5°	188.8	189.7	195.8	197.5	201.0	*200.7*	200.3	196.5	188.1	175.9	160.5
30°	212.2	213.5	219.3	224.7	230.8	*231.5*	230.8	227.6	215.4	199.4	182.0
32.5°	239.5	243.0	248.8	258.1	265.8	*269.4*	270.0	264.2	250.4	229.2	206.4
35°	276.8	273.9	281.9	297.3	310.1	*317.2*	316.9	309.2	294.1	267.1	234.7
37.5°	313.4	312.4	324.9	345.1	362.5	*368.3*	369.9	364.7	345.5	309.8	271.6
40°	351.6	359.6	374.0	397.5	423.2	*435.4*	436.3	428.9	402.6	362.5	312.1
42.5°	401.3	409.4	427.7	456.6	493.8	*514.0*	515.3	507.0	475.2	423.2	360.9
45°	464.3	468.8	488.0	532.0	579.8	*612.3*	621.6	611.3	572.1	499.9	421.6
47.5°	532.0	532.0	563.5	621.6	693.8	*736.5*	743.6	734.3	675.8	588.8	489.3
50°	607.5	607.8	657.9	741.0	832.2	*885.5*	891.0	868.5	797.8	679.4	558.3
52.5°	685.8	694.1	767.3	893.2	1015.5	*1097.1*	1102.5	1076.5	982.5	809.1	631.9
55°	793.7	806.8	913.1	1067.5	1194.7	*1258.9*	1259.2	1228.1	1115.1	934.9	719.8
57.5°	943.3	948.4	1047.6	1205.3	1325.4	*1369.3*	1366.1	1320.5	1190.2	1005.3	792.1
60°	1066.9	1078.8	1159.7	1306.1	1423.3	*1453.5*	1449.9	1389.6	1241.6	1046.3	826.7
62.5°	1148.1	1153.9	1237.7	1378.3	1483.6	*1509.0*	1505.2	1449.0	1304.5	1117.9	884.5
65°	1167.7	1177.3	1283.6	1426.5	1528.6	*1585.7*	1583.2	1553.0	1404.7	1170.9	911.8
67.5°	*1144.0*	*1160.0*	*1290.4*	*1459.6*	*1582.5*	*1630.0*	*1628.8*	*1568.1*	*1383.1*	*1136.9*	*877.5*
70°	1095.5	1109.3	1271.1	1456.0	1566.8	*1579.6*	1569.7	1500.3	1319.9	1080.4	826.1
72.5°	1019.1	1042.5	1200.5	1375.4	1467.9	*1476.3*	1472.7	1388.0	1224.9	983.1	748.4
75°	918.9	947.5	1090.7	1232.2	1320.2	*1334.7*	1327.9	1253.8	1088.7	861.4	652.1
77.5°	792.1	808.1	917.3	1051.8	1152.9	*1155.5*	1151.7	1068.8	917.0	721.4	548.7
80°	624.1	633.8	728.5	840.5	924.3	*934.6*	931.1	875.2	728.2	570.9	428.0
82.5°	462.3	455.9	519.5	611.3	694.5	*695.1*	700.9	638.9	545.2	414.2	306.3
85°	266.2	268.7	324.0	386.6	437.0	*466.2*	465.9	436.0	350.6	263.6	186.9
87.5°	74.2	79.9	114.9	167.3	190.1	*206.8*	200.7	181.1	146.4	82.8	47.5
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: P879908
CATALOG NUMBER: MEM2-HSN-VA-30-740-U-WT4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
2.5°	73.5	73.2	72.9	72.6	71.9	71.9	71.6	71.9	71.9	71.9	71.9
5°	75.5	75.1	74.2	73.5	72.6	71.9	71.6	71.6	71.6	71.6	71.6
7.5°	78.7	78.3	76.7	75.5	74.2	73.5	72.9	72.6	72.2	71.9	72.2
10°	83.5	82.2	80.6	78.7	76.7	75.8	74.8	74.5	74.2	73.8	73.8
12.5°	88.9	88.0	85.1	82.5	80.6	79.0	77.7	77.1	76.7	76.4	76.4
15°	96.3	94.4	90.5	87.3	84.4	82.5	81.2	80.6	80.3	79.9	79.9
17.5°	104.7	102.1	97.0	92.8	89.6	87.0	85.4	84.4	83.8	84.1	84.4
20°	114.3	110.1	104.3	99.2	95.0	92.1	90.5	89.3	88.6	88.9	89.3
22.5°	125.5	121.0	112.7	106.6	101.5	97.9	96.3	95.4	94.7	94.4	93.8
25°	138.4	132.6	123.0	114.6	108.5	105.0	103.1	102.4	101.8	101.1	101.1
27.5°	153.8	147.0	133.9	124.9	117.5	114.0	111.7	110.8	110.8	109.8	109.8
30°	171.8	162.8	146.7	134.8	127.5	123.0	120.4	120.1	119.4	120.4	120.4
32.5°	193.3	181.1	161.5	147.7	139.3	135.2	132.6	132.0	131.0	131.6	133.6
35°	220.3	204.5	181.1	164.7	154.4	150.3	147.0	146.7	145.1	146.7	144.2
37.5°	250.4	233.1	201.9	182.7	171.4	166.6	164.4	163.4	163.1	163.1	161.2
40°	287.4	266.5	228.6	204.8	192.0	186.2	184.0	183.6	183.0	185.3	183.0
42.5°	332.9	301.2	256.2	229.2	216.1	210.0	207.4	206.4	208.0	209.0	208.7
45°	383.7	349.3	291.5	260.4	245.3	239.2	235.7	234.7	235.3	235.3	238.6
47.5°	442.1	401.7	332.0	294.4	280.6	273.2	271.0	267.8	266.2	265.5	271.0
50°	503.1	452.7	373.4	331.3	318.8	313.0	313.7	307.3	305.0	302.4	301.8
52.5°	564.4	507.3	420.6	382.7	368.3	371.2	369.9	363.1	350.0	346.7	339.0
55°	638.0	568.9	465.9	420.6	408.1	410.3	415.5	415.5	412.6	405.5	399.4
57.5°	700.2	620.0	499.9	443.4	432.5	438.3	448.5	456.2	463.0	468.1	467.8
60°	734.9	651.4	522.1	460.7	447.9	459.1	474.5	487.7	502.1	517.2	516.6
62.5°	782.8	695.4	561.5	491.6	469.4	472.9	490.6	513.4	526.5	539.1	542.6
65°	795.3	703.5	576.3	513.4	495.4	496.0	507.9	526.5	537.8	541.0	542.9
67.5°	*761.6*	*668.1*	*551.9*	*500.5*	*490.9*	*499.9*	*519.2*	*533.9*	*535.5*	*527.8*	*527.2*
70°	710.8	624.8	513.4	470.4	464.3	478.1	503.4	521.1	517.2	501.5	500.5
72.5°	639.2	559.3	461.7	430.5	424.4	441.8	464.3	482.9	477.1	465.2	464.3
75°	553.2	478.4	399.1	376.0	375.6	394.6	414.2	425.4	425.1	416.7	414.2
77.5°	459.8	399.1	328.8	307.9	315.6	333.6	348.0	356.4	353.5	350.6	349.6
80°	359.9	306.0	253.6	241.1	253.0	259.1	274.5	273.9	275.5	269.4	273.9
82.5°	256.2	220.6	181.7	176.3	177.9	190.1	198.4	197.5	193.3	188.8	186.9
85°	155.4	135.8	116.5	108.8	114.3	113.3	118.5	114.3	111.7	109.5	111.4
87.5°	43.0	37.2	35.6	25.7	31.8	25.0	26.3	18.3	16.1	19.3	16.7
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

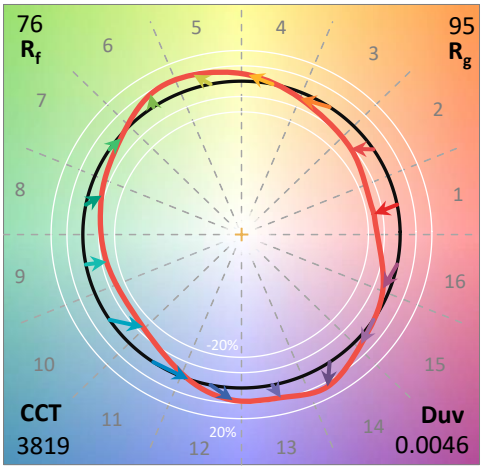
Test Information

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

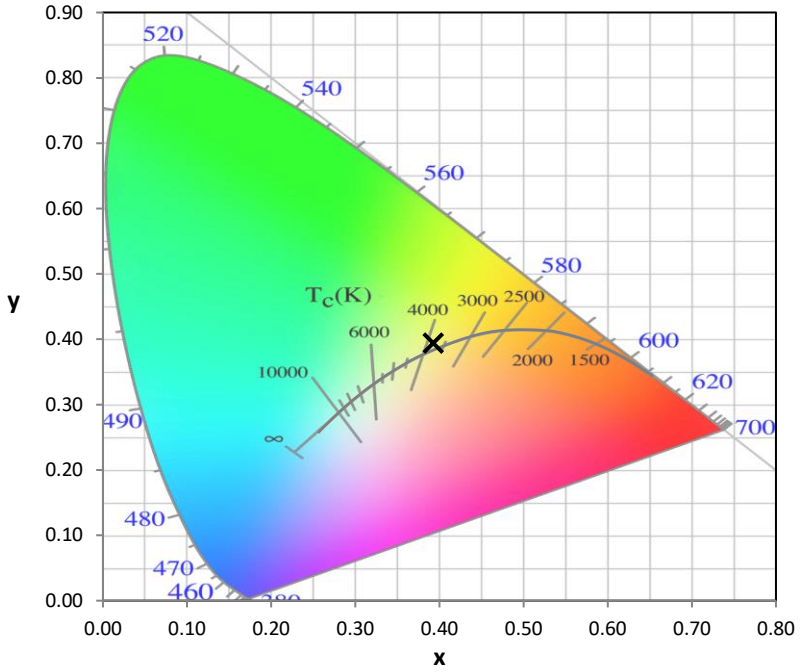
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-176-5

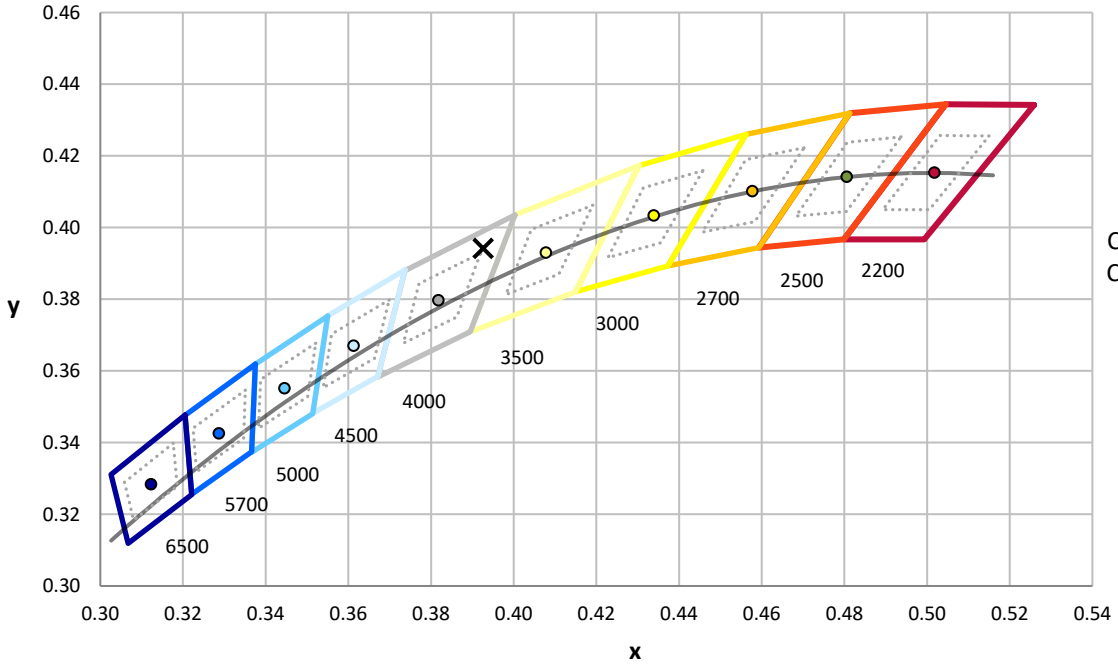
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

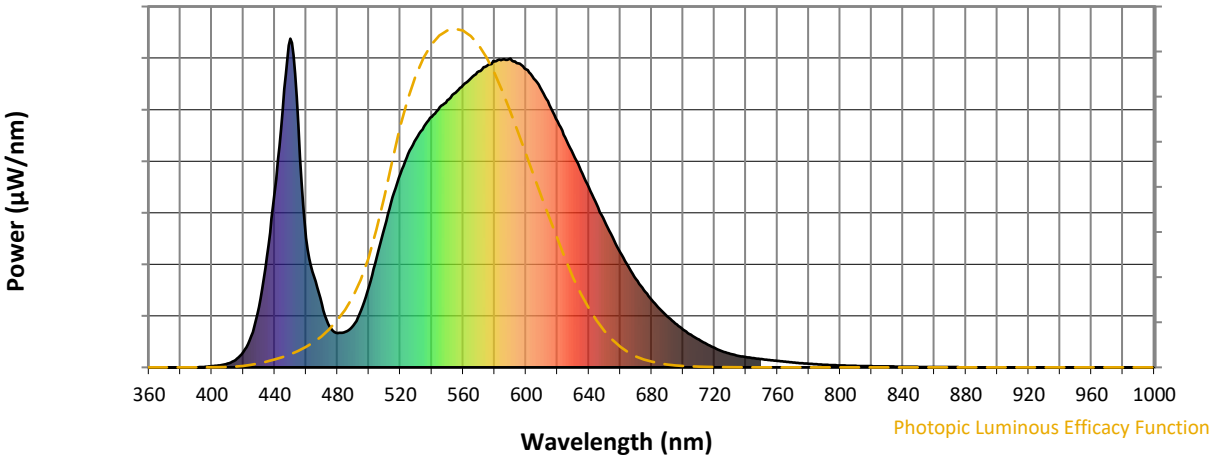


CCT = 3819K
CIE x = 0.3926
CIE y = 0.3942
Duv = 0.0046

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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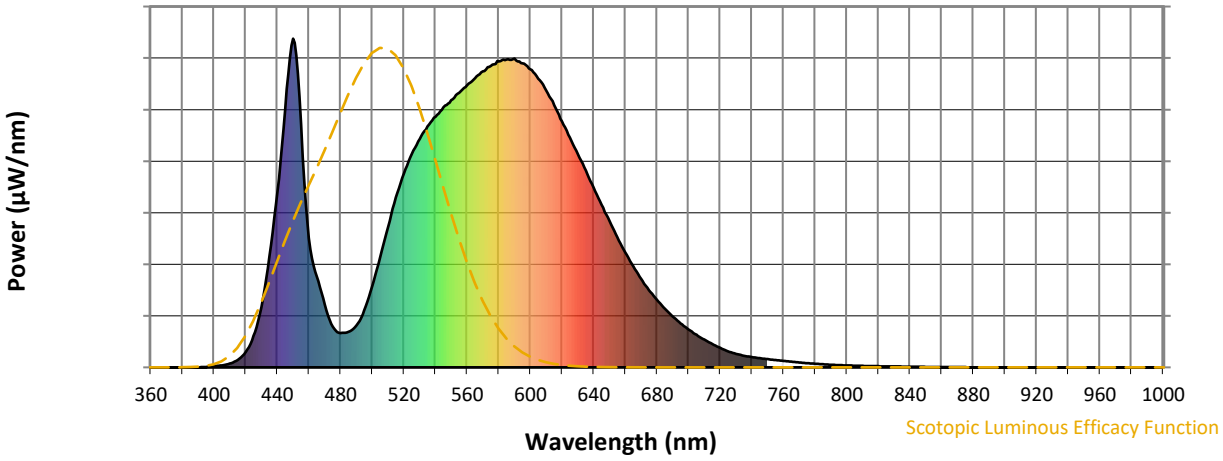
Scotopic Flux vs. Wavelength



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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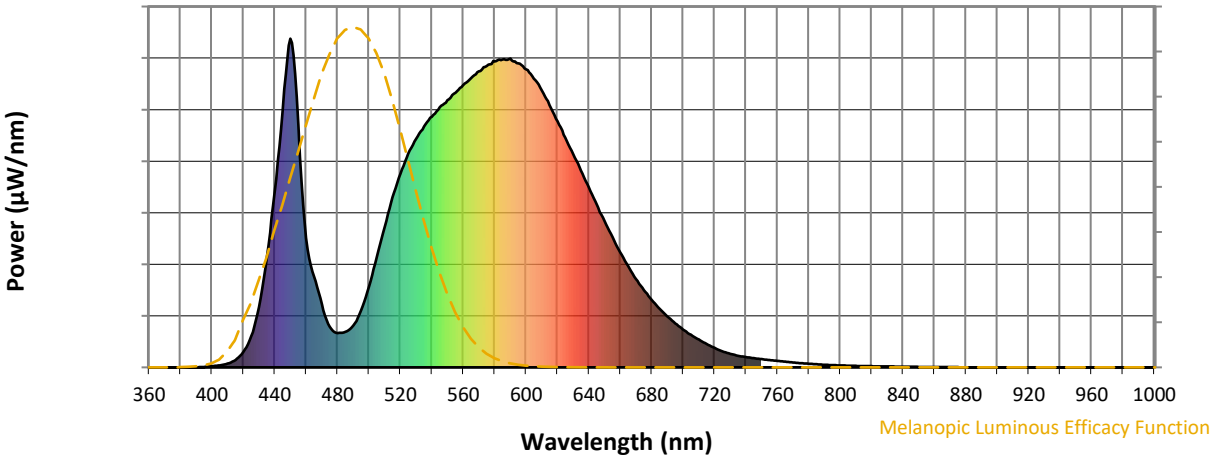
Melanopic Flux vs. Wavelength



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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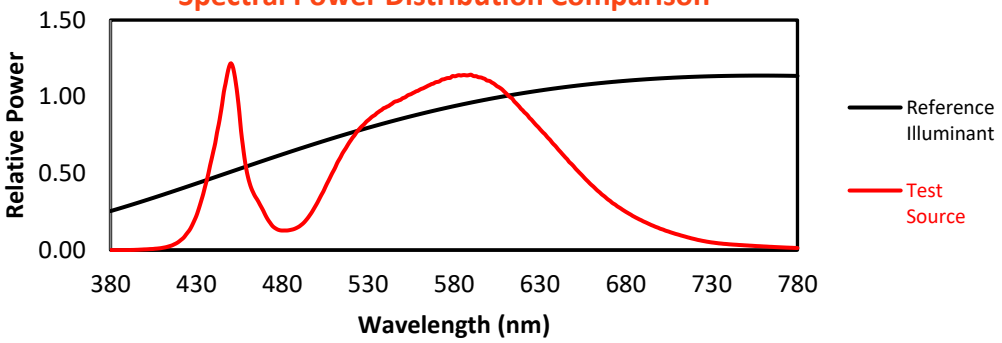
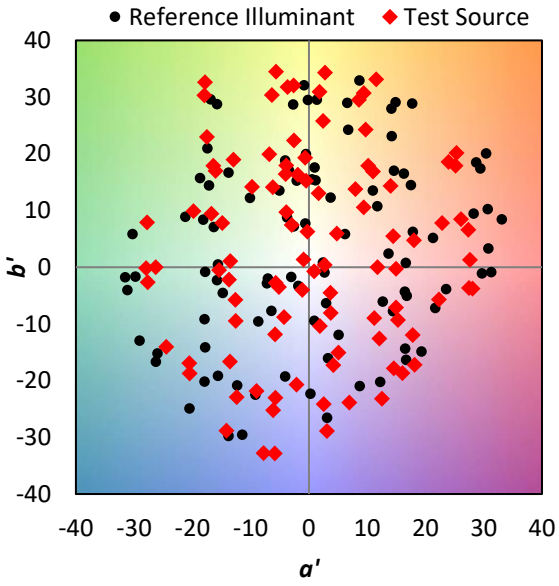
Summary

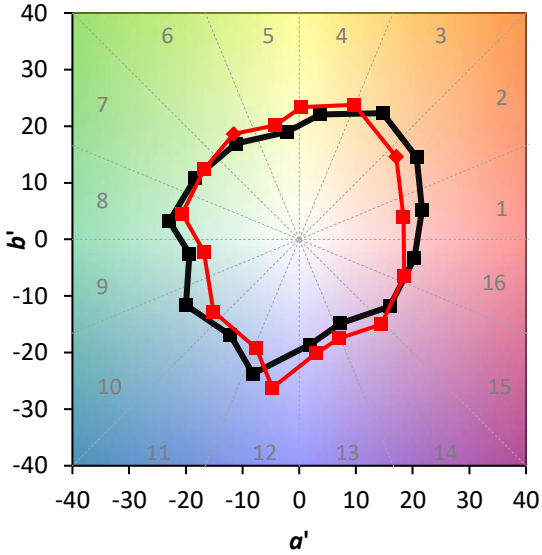
R_f = 75.6
R_g = 94.8
CIE R_a = 72.9
R_9 = -21.5

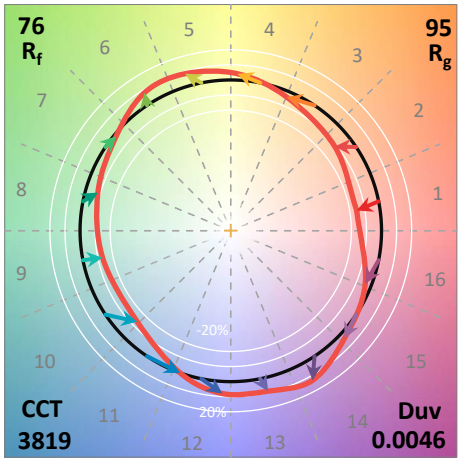
Spectral Power Distribution Comparison

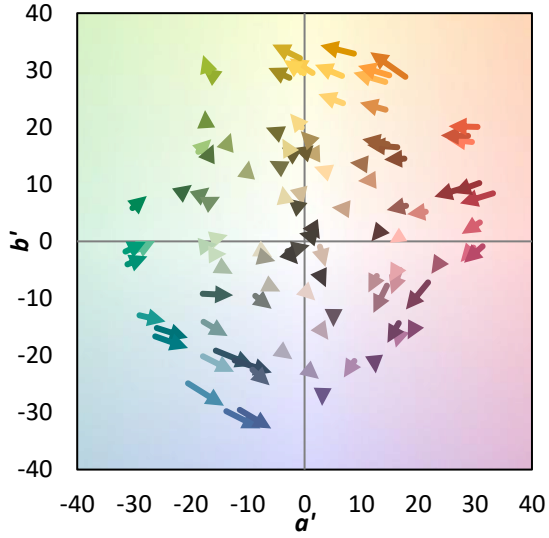


Color Vector Graphics









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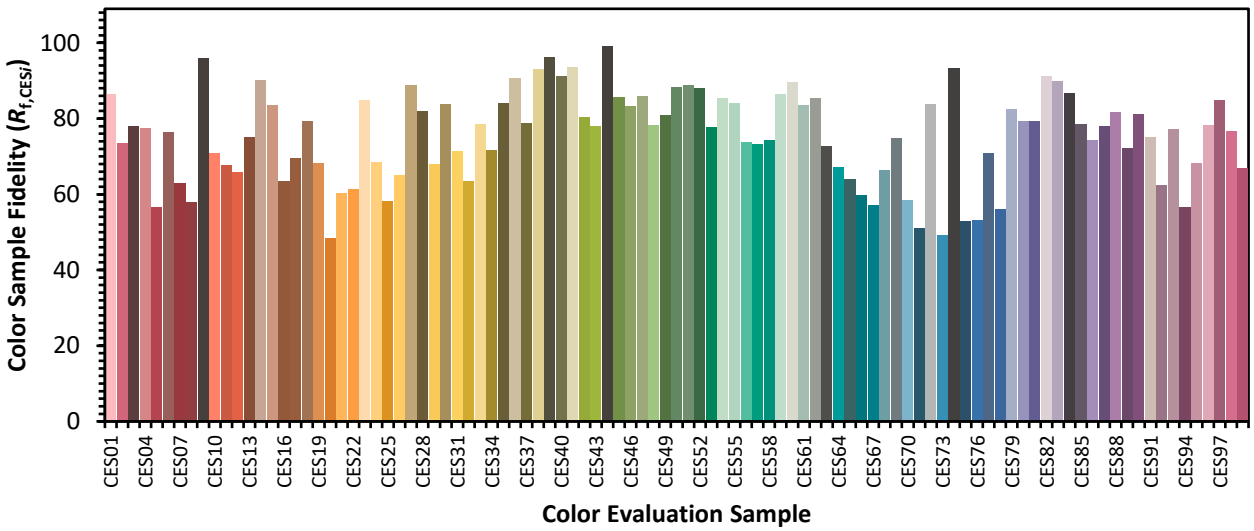
Individual Sample Fidelity Index ($R_{f,i}$)

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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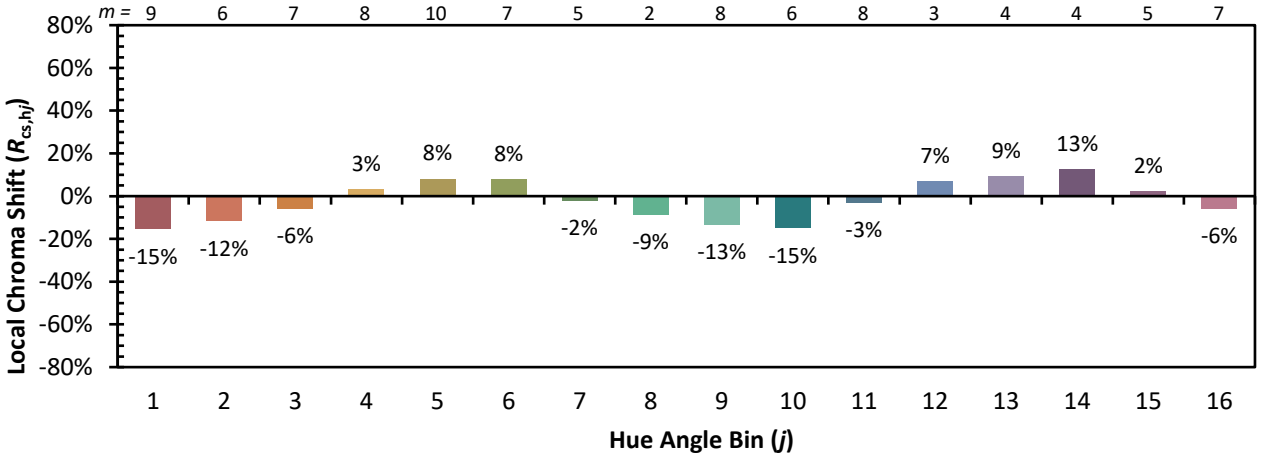
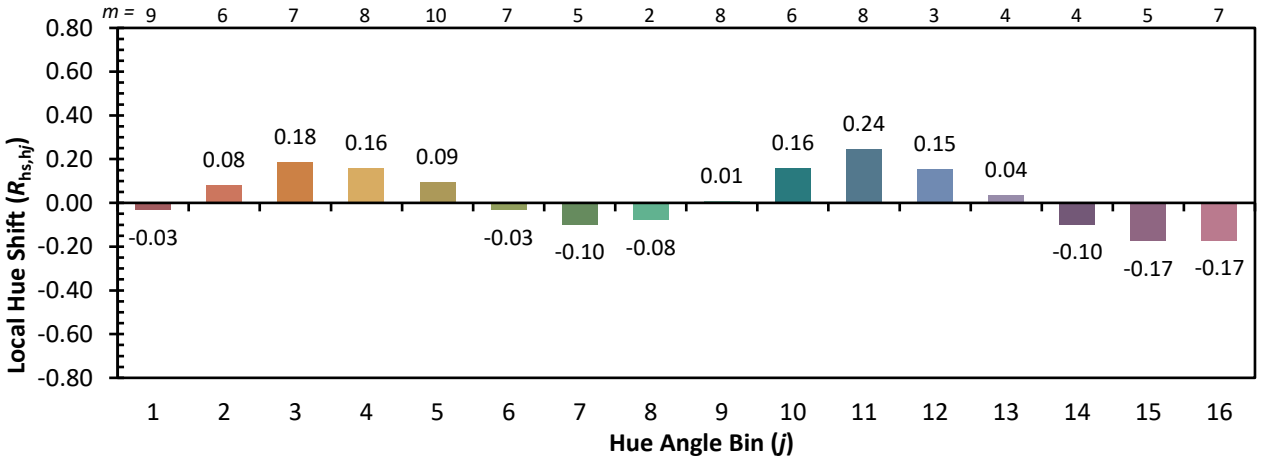
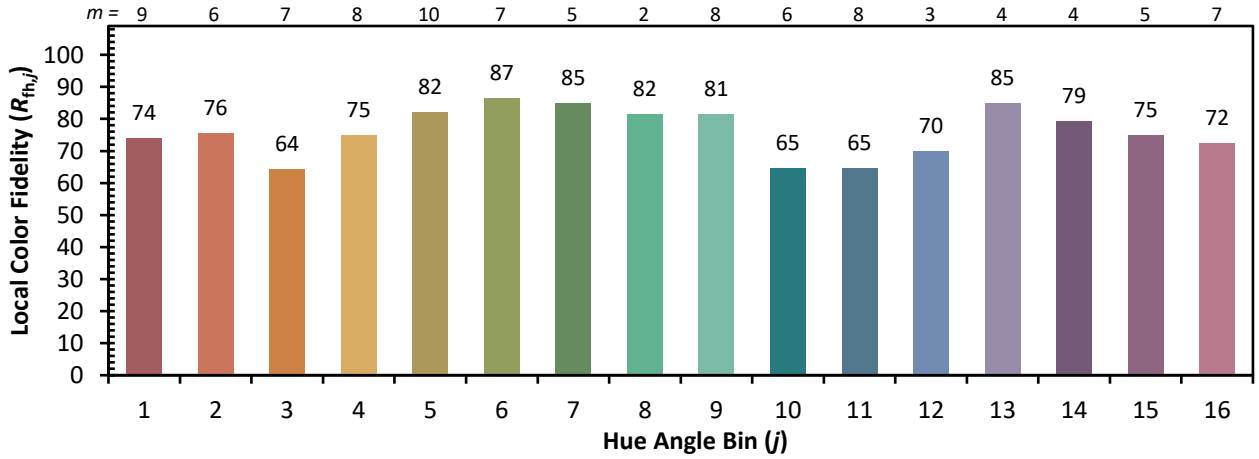
Color Rendition by Hue-Angle Bin







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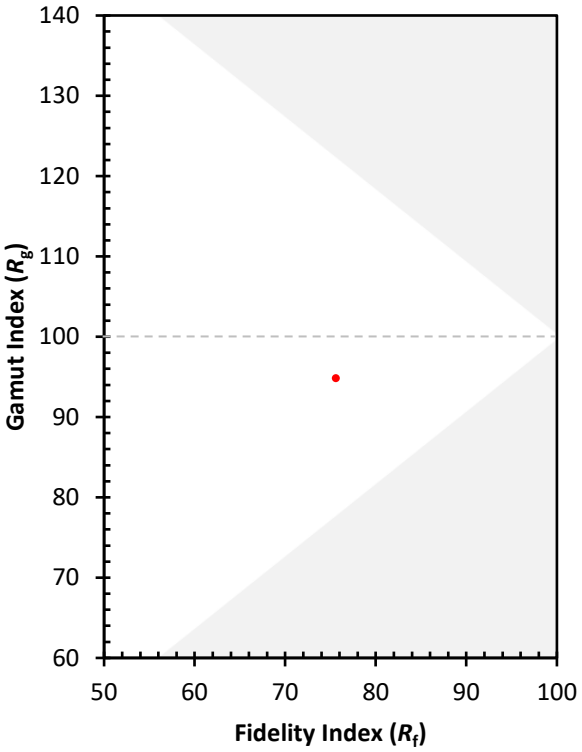
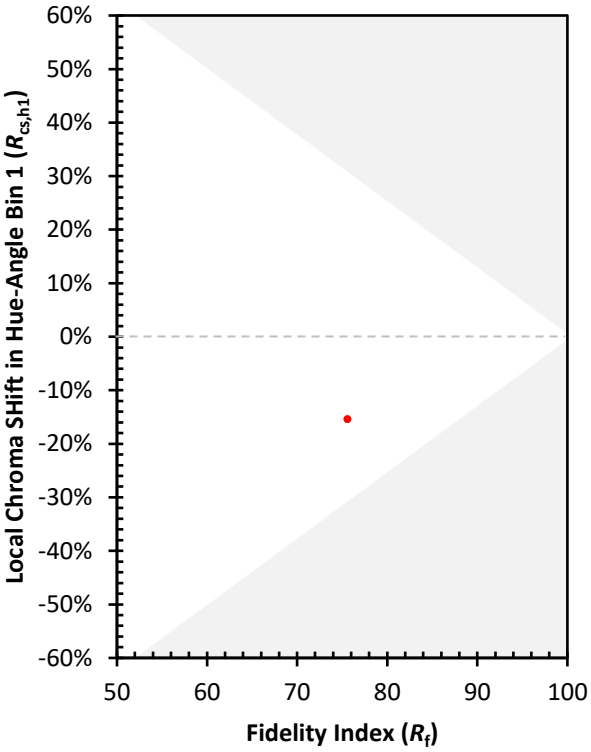
Measure Comparisons





(END OF REPORT)