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: P879890

Luminaire Tested: **MEM2-HSN-VA-30-727-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:	P879890
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	10/01/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HSN-VA-30-727-U-WT4
Description:	EPIC MODERN SHORT HOUSING 30W 70CRI 2700K VISUAL COMFORT FIXTURE w/ DRIVE LANE TYPE IV DISTRIBUTION OPTIC
Light Source:	(1) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2894.2 lumens
Efficiency:	N/A
Efficacy:	103.4 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: P879890
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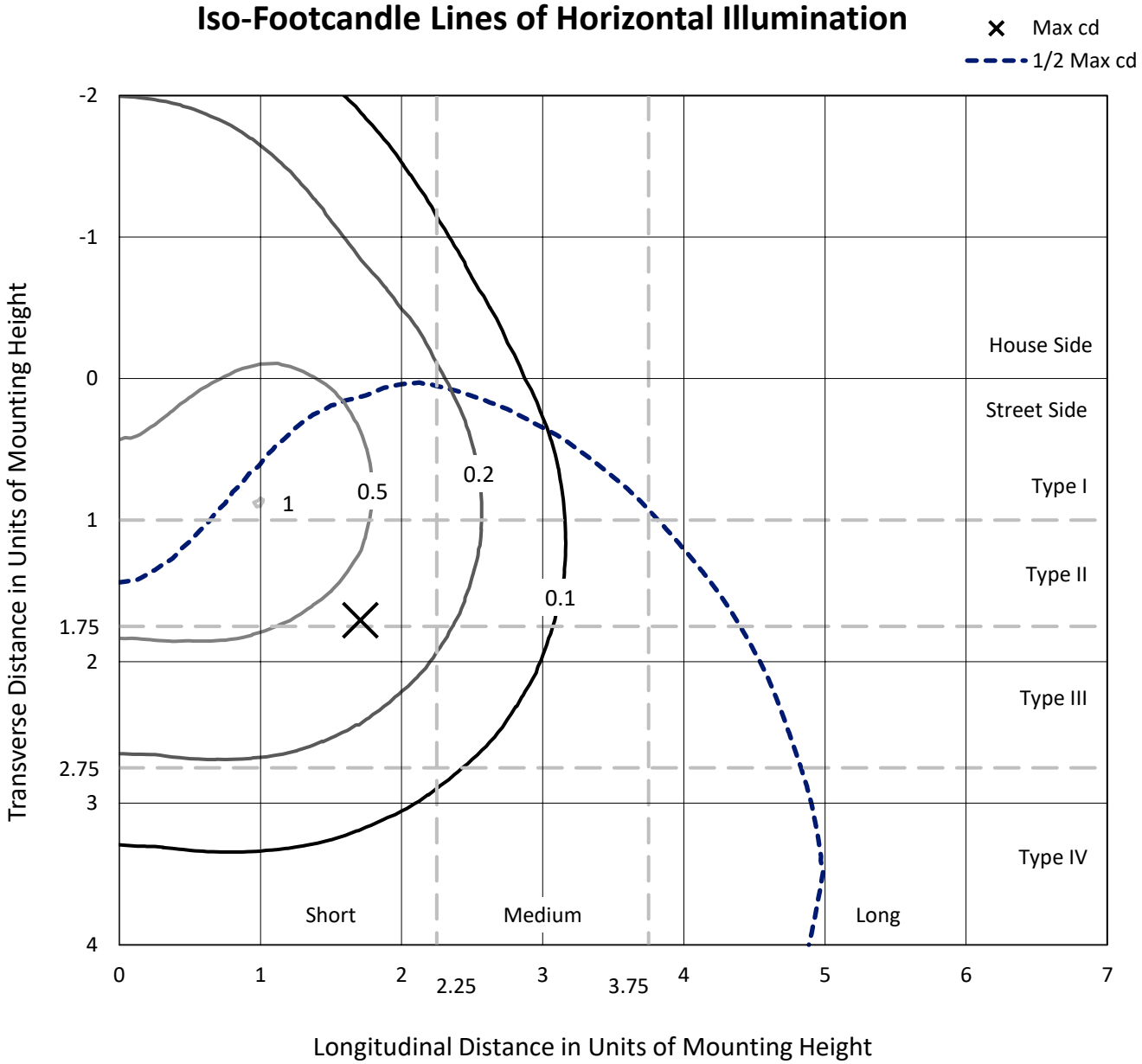
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1 fc
Type IV - Short - N/A

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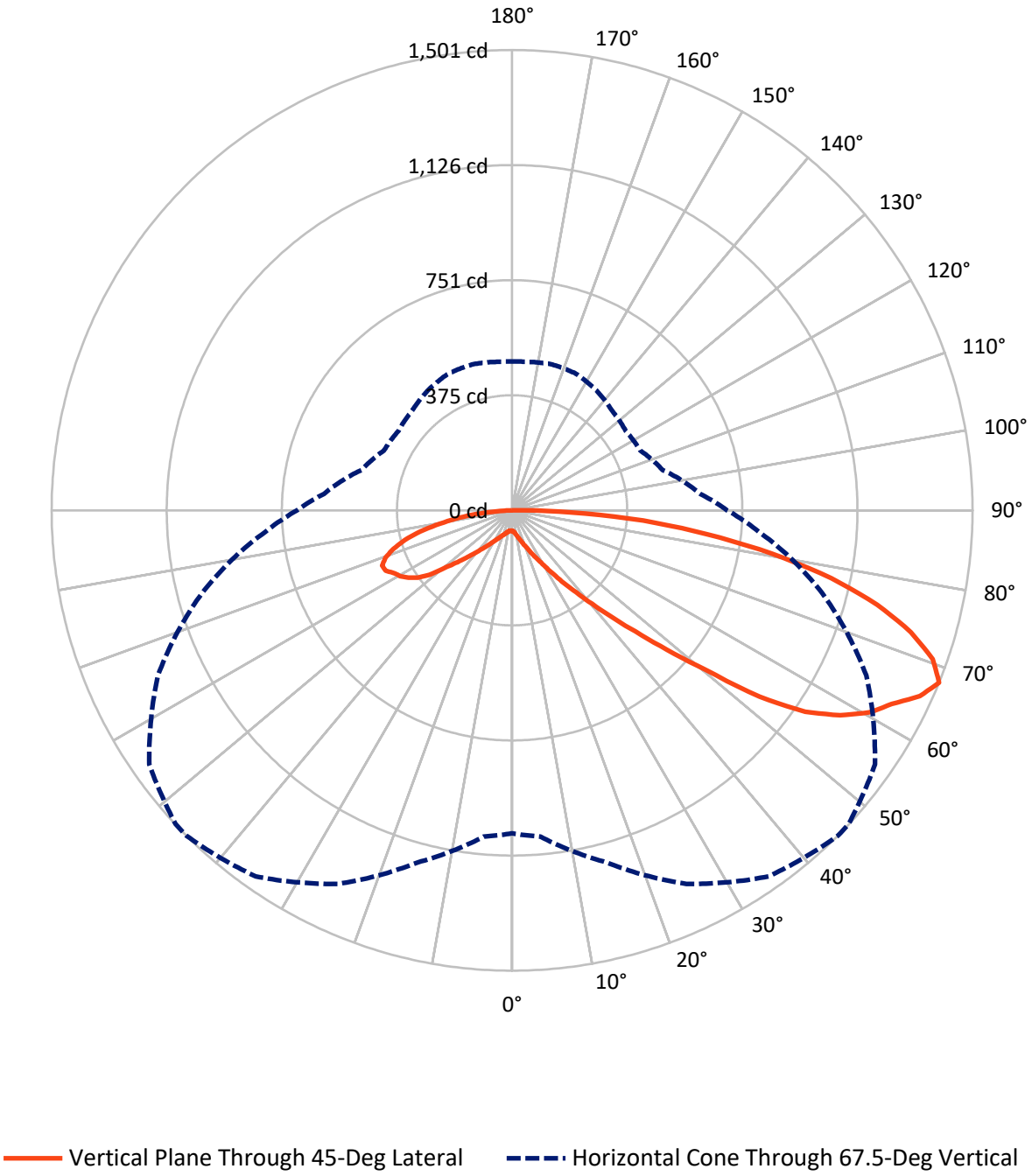
Luminous Intensity Polar Plot



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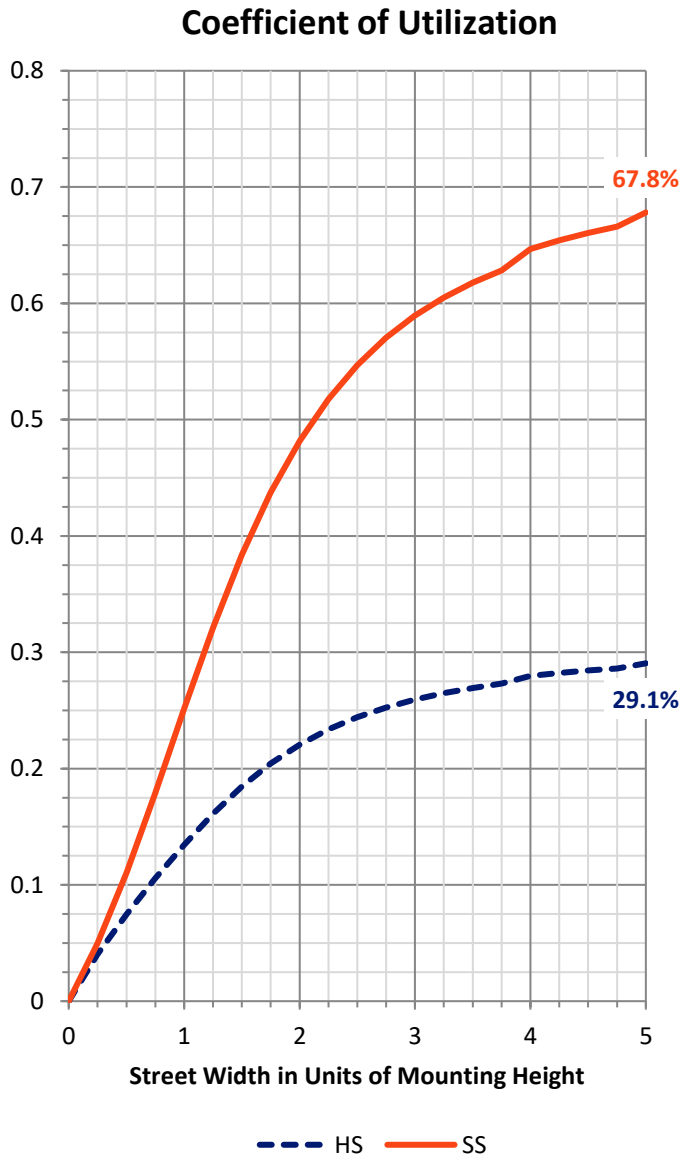
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	857.7	0.0	857.7
	% Fixture	29.6	0.0	29.6
Street Side	Lumens	2036.4	0.0	2036.4
	% Fixture	70.4	0.0	70.4
Total	Lumens	2894.2	0.0	2894.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	0.2
10°-20°	25.7	0.9
20°-30°	60.7	2.1
30°-40°	133.0	4.6
40°-50°	289.6	10.0
50°-60°	595.0	20.6
60°-70°	838.3	29.0
70°-80°	711.7	24.6
80°-90°	233.2	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°	2894.2	100.0
0°-180°	2894.2	100.0



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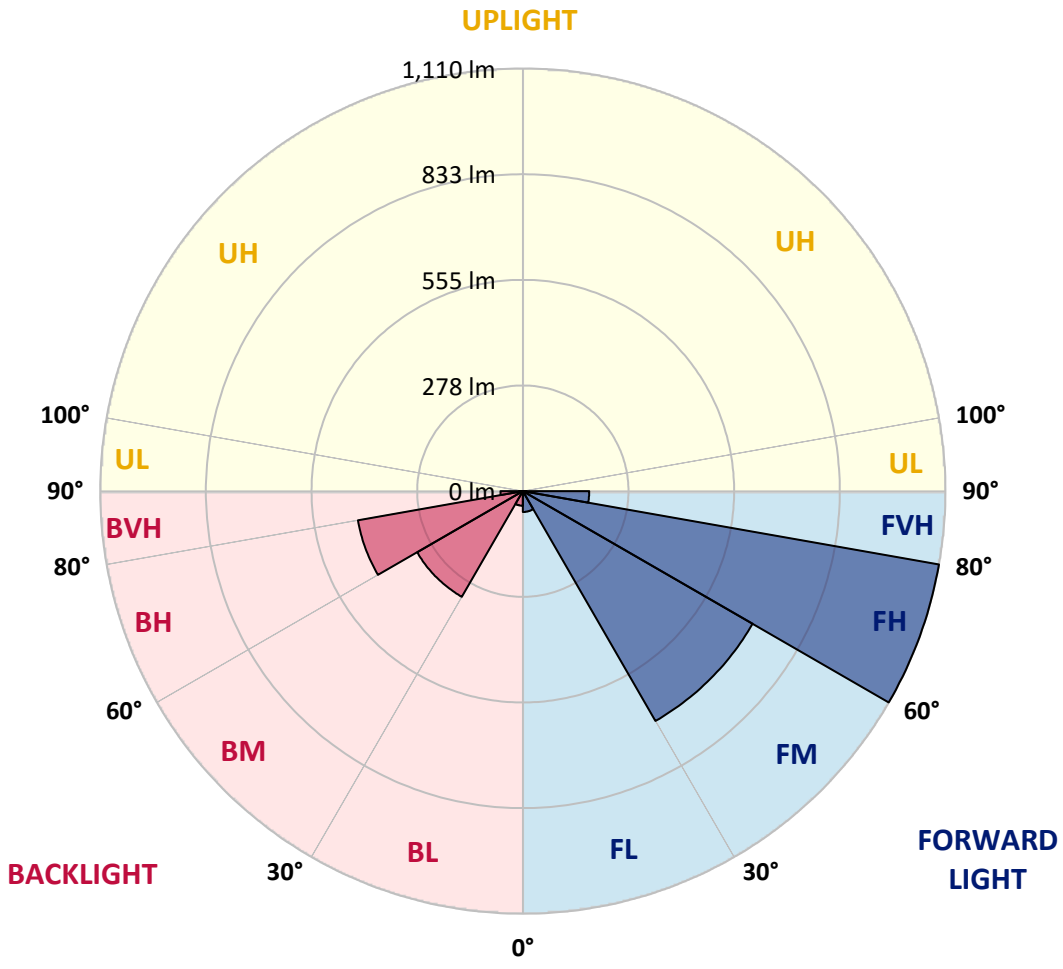
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	54.8	1.9			
FM	(30°-60°)	697.1	24.1			
FH	(60°-80°)	1110.2	38.4			G1/1800
FVH	(80°-90°)	174.4	6.0			G2/225
BL	(0°-30°)	38.5	1.3	B0/110		
BM	(30°-60°)	320.6	11.1	B1/1000		
BH	(60°-80°)	439.8	15.2	B1/500		G1/500
BVH	(80°-90°)	58.8	2.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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REPORT NUMBER: P879890
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	66.8	66.8	66.8	66.8	66.8	*66.8*	66.8	66.8	66.8	66.8	66.8
2.5°	68.9	68.6	68.9	68.9	68.9	*68.6*	68.6	68.6	68.3	68.0	67.7
5°	73.0	73.0	73.0	72.7	72.7	*72.2*	72.2	71.9	71.3	70.7	70.1
7.5°	78.7	78.4	78.4	78.1	77.8	*77.2*	76.9	76.6	75.4	74.5	73.3
10°	85.5	85.5	85.2	84.6	84.6	*83.1*	83.4	82.8	81.3	79.5	77.5
12.5°	93.7	93.7	93.1	93.1	92.6	*91.4*	91.1	90.2	88.7	85.8	83.4
15°	102.9	102.9	103.5	102.9	102.3	*100.8*	100.8	99.7	96.4	94.0	90.5
17.5°	114.4	113.0	113.8	113.5	113.5	*112.7*	111.8	110.3	107.6	103.5	99.1
20°	126.3	126.6	125.7	126.6	126.9	*125.7*	125.7	123.9	120.1	115.0	107.9
22.5°	141.0	141.0	139.3	141.6	143.1	*142.2*	141.9	138.4	133.7	126.9	119.8
25°	156.4	155.8	158.8	159.4	162.6	*162.3*	162.0	158.8	151.7	143.4	132.5
27.5°	173.9	174.8	180.4	181.9	185.1	*184.8*	184.5	181.0	173.3	162.0	147.9
30°	195.5	196.6	202.0	207.0	212.6	*213.2*	212.6	209.7	198.4	183.6	167.7
32.5°	220.6	223.8	229.2	237.7	244.8	*248.1*	248.7	243.4	230.6	211.1	190.1
35°	254.9	252.2	259.6	273.8	285.6	*292.2*	291.9	284.8	270.9	246.0	216.2
37.5°	288.6	287.7	299.2	317.9	333.8	*339.2*	340.6	335.9	318.2	285.4	250.2
40°	323.8	331.2	344.5	366.1	389.7	*401.0*	401.9	395.1	370.8	333.8	287.4
42.5°	369.6	377.0	393.9	420.5	454.8	*473.4*	474.6	466.9	437.6	389.7	332.4
45°	427.6	431.7	449.5	490.0	534.0	*563.9*	572.5	563.0	526.9	460.4	388.3
47.5°	490.0	490.0	519.0	572.5	639.0	*678.3*	684.8	676.3	622.4	542.3	450.6
50°	559.5	559.8	605.9	682.5	766.5	*815.5*	820.6	799.9	734.8	625.7	514.2
52.5°	631.6	639.3	706.7	822.6	935.3	*1010.4*	1015.4	991.5	904.8	745.2	581.9
55°	731.0	743.1	841.0	983.2	1100.3	*1159.4*	1159.7	1131.1	1027.0	861.1	663.0
57.5°	868.8	873.5	964.9	1110.1	1220.7	*1261.2*	1258.2	1216.2	1096.2	925.8	729.5
60°	982.6	993.6	1068.1	1202.9	1310.8	*1338.6*	1335.4	1279.8	1143.5	963.7	761.4
62.5°	1057.4	1062.7	1139.9	1269.4	1366.4	*1389.8*	1386.2	1334.5	1201.4	1029.6	814.7
65°	1075.5	1084.3	1182.2	1313.8	1407.8	*1460.5*	1458.1	1430.3	1293.7	1078.4	839.8
67.5°	*1053.6*	*1068.4*	*1188.4*	*1344.3*	*1457.5*	*1501.3*	*1500.1*	*1444.2*	*1273.9*	*1047.1*	*808.1*
70°	1008.9	1021.6	1170.7	1341.0	1443.0	*1454.8*	1445.7	1381.8	1215.6	995.0	760.8
72.5°	938.6	960.1	1105.6	1266.8	1351.9	*1359.6*	1356.4	1278.3	1128.1	905.4	689.3
75°	846.3	872.6	1004.5	1134.9	1215.9	*1229.2*	1223.0	1154.7	1002.7	793.4	600.6
77.5°	729.5	744.3	844.8	968.7	1061.9	*1064.2*	1060.7	984.4	844.5	664.4	505.4
80°	574.8	583.7	670.9	774.1	851.3	*860.8*	857.5	806.1	670.6	525.8	394.2
82.5°	425.8	419.9	478.4	563.0	639.6	*640.2*	645.5	588.4	502.1	381.5	282.1
85°	245.1	247.5	298.4	356.0	402.4	*429.4*	429.1	401.6	322.9	242.8	172.1
87.5°	68.3	73.6	105.9	154.1	175.1	*190.4*	184.8	166.8	134.8	76.3	43.8
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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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P879890
CATALOG NUMBER: MEM2-HSN-VA-30-727-U-WT4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
2.5°	67.7	67.4	67.1	66.8	66.2	66.2	65.9	66.2	66.2	66.2	66.2
5°	69.5	69.2	68.3	67.7	66.8	66.2	65.9	65.9	65.9	65.9	65.9
7.5°	72.4	72.2	70.7	69.5	68.3	67.7	67.1	66.8	66.5	66.2	66.5
10°	76.9	75.7	74.2	72.4	70.7	69.8	68.9	68.6	68.3	68.0	68.0
12.5°	81.9	81.0	78.4	76.0	74.2	72.7	71.6	71.0	70.7	70.4	70.4
15°	88.7	86.9	83.4	80.4	77.8	76.0	74.8	74.2	73.9	73.6	73.6
17.5°	96.4	94.0	89.3	85.5	82.5	80.1	78.7	77.8	77.2	77.5	77.8
20°	105.3	101.4	96.1	91.4	87.5	84.9	83.4	82.2	81.6	81.9	82.2
22.5°	115.6	111.5	103.8	98.2	93.4	90.2	88.7	87.8	87.2	86.9	86.3
25°	127.4	122.1	113.3	105.6	99.9	96.7	94.9	94.3	93.7	93.1	93.1
27.5°	141.6	135.4	123.3	115.0	108.2	105.0	102.9	102.0	102.0	101.1	101.1
30°	158.2	149.9	135.1	124.2	117.4	113.3	110.9	110.6	110.0	110.9	110.9
32.5°	178.0	166.8	148.7	136.0	128.3	124.5	122.1	121.5	120.6	121.2	123.0
35°	202.9	188.4	166.8	151.7	142.2	138.4	135.4	135.1	133.7	135.1	132.8
37.5°	230.6	214.7	186.0	168.3	157.9	153.5	151.4	150.5	150.2	150.2	148.4
40°	264.7	245.4	210.5	188.7	176.8	171.5	169.4	169.1	168.5	170.6	168.5
42.5°	306.6	277.4	236.0	211.1	199.0	193.4	191.0	190.1	191.6	192.5	192.2
45°	353.4	321.7	268.5	239.8	225.9	220.3	217.0	216.2	216.7	216.7	219.7
47.5°	407.2	369.9	305.8	271.2	258.4	251.6	249.6	246.6	245.1	244.5	249.6
50°	463.4	416.9	343.9	305.2	293.6	288.3	288.9	283.0	280.9	278.5	278.0
52.5°	519.8	467.2	387.4	352.5	339.2	341.8	340.6	334.4	322.3	319.4	312.3
55°	587.6	524.0	429.1	387.4	375.8	377.9	382.6	382.6	380.0	373.5	367.9
57.5°	644.9	571.0	460.4	408.4	398.3	403.6	413.1	420.2	426.4	431.1	430.8
60°	676.9	600.0	480.8	424.3	412.5	422.9	437.0	449.2	462.5	476.4	475.8
62.5°	720.9	640.5	517.2	452.7	432.3	435.6	451.8	472.8	484.9	496.5	499.7
65°	732.5	647.9	530.8	472.8	456.3	456.9	467.8	484.9	495.3	498.3	500.0
67.5°	*701.4*	*615.4*	*508.3*	*461.0*	*452.1*	*460.4*	*478.1*	*491.8*	*493.2*	*486.1*	*485.5*
70°	654.7	575.4	472.8	433.2	427.6	440.3	463.7	479.9	476.4	461.9	461.0
72.5°	588.7	515.1	425.2	396.5	390.9	406.9	427.6	444.7	439.4	428.5	427.6
75°	509.5	440.6	367.6	346.3	346.0	363.4	381.5	391.8	391.5	383.8	381.5
77.5°	423.4	367.6	302.8	283.6	290.7	307.2	320.5	328.2	325.6	322.9	322.0
80°	331.5	281.8	233.6	222.1	233.0	238.6	252.8	252.2	253.7	248.1	252.2
82.5°	236.0	203.1	167.4	162.3	163.8	175.1	182.7	181.9	178.0	173.9	172.1
85°	143.1	125.1	107.3	100.2	105.3	104.4	109.1	105.3	102.9	100.8	102.6
87.5°	39.6	34.3	32.8	23.7	29.3	23.1	24.2	16.9	14.8	17.7	15.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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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

Streetworks

Report Number: SP1-2407-176-2

Test Date: 09/24/2024

Luminaire Tested: MEM2-HTN-VA-30-727-U-WQ

Data in this report applies to families of products including MEM2-HTN-VA-30-727-U-WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

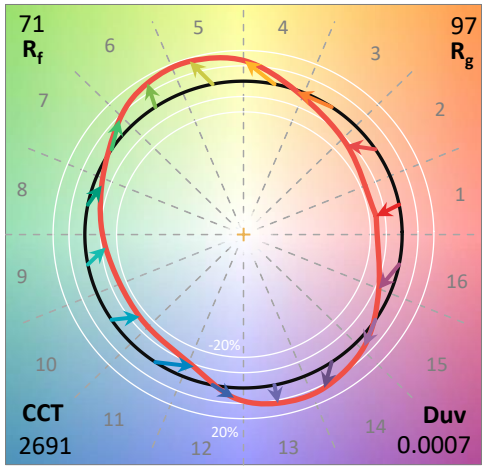
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-176-2
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-30-727-U-WQ**
Description:	EPIC MODERN VISUAL COMFORT 30W WAVESTREAM WIDE

Spectral Parameters

CCT (K):	2691	CRI (Ra):	70.6		
CIE u':	0.2627	R1:	67.7	R9:	-27.1
CIE v':	0.5285	R2:	79.8	R10:	53.1
Duv:	0.0007	R3:	90.6	R11:	61.9
CIE x:	0.4618	R4:	67.7	R12:	42.2
CIE y:	0.4129	R5:	65.3	R13:	69.4
CIE z:	0.1254	R6:	71.1	R14:	94.1
Peak Wavelength (nm):	601	R7:	78.1	R15:	60.4
Dominant Wavelength (nm):	584	R8:	44.7		
Purity:	62.54863				

Rf:	70.6
Rg:	97.2



Test Conditions

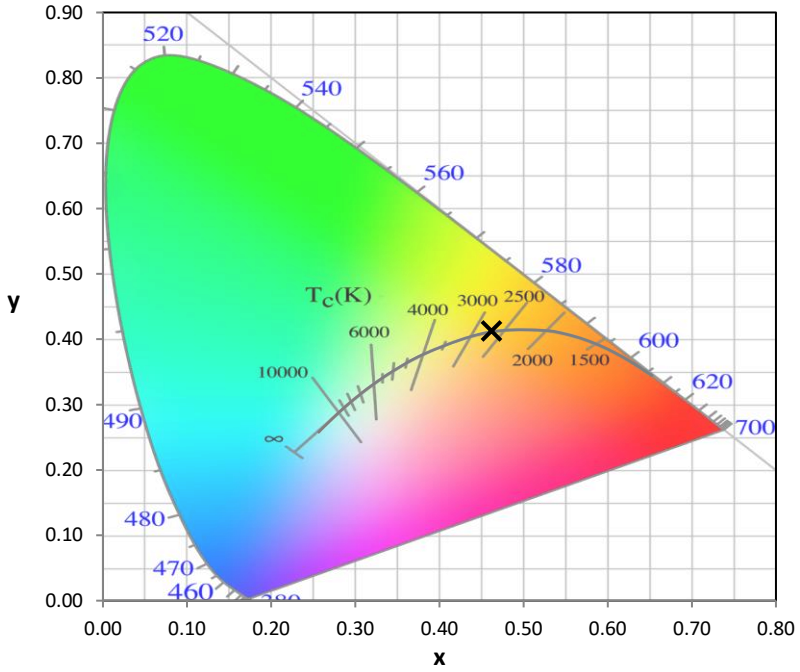
Stabilization Time:	28M
Operation Time:	1H 28M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-176-2

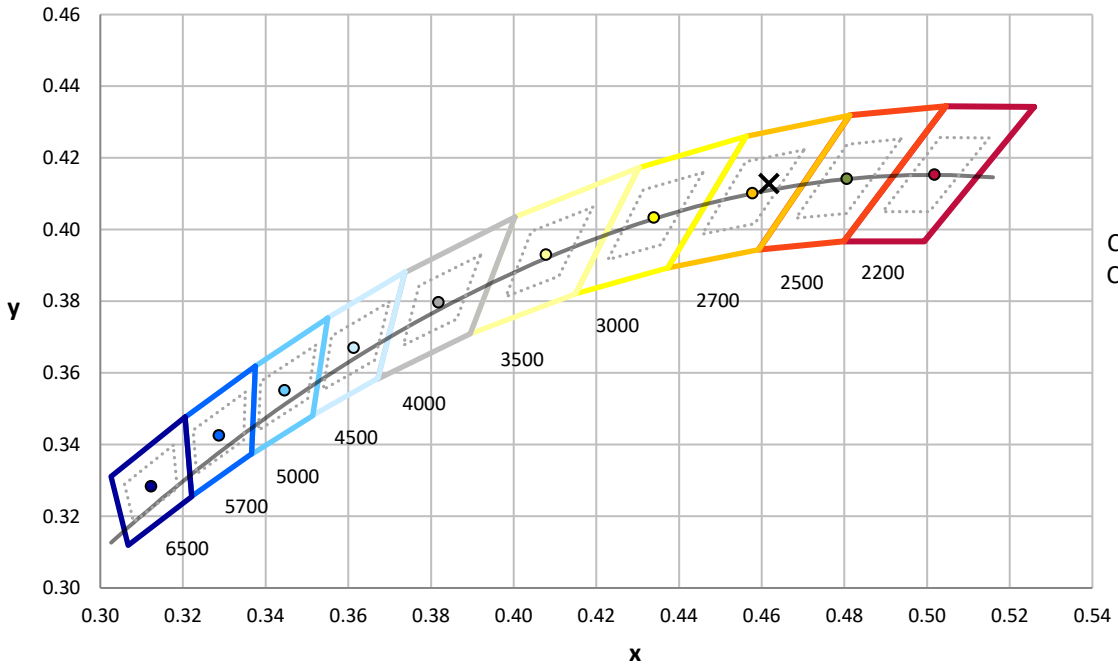
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-176-2

CIE 1931 Chromaticity Diagram



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

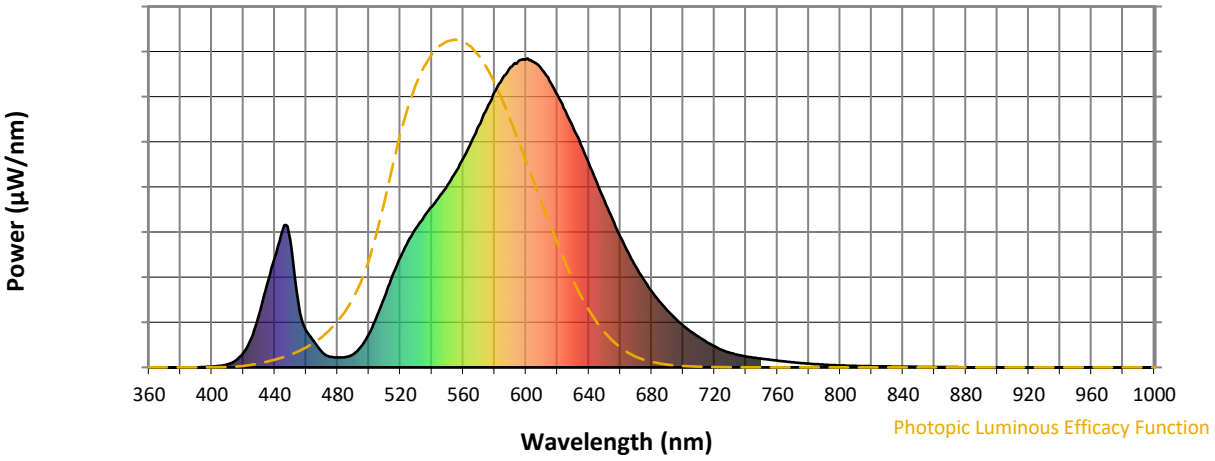


CCT = 2691K
CIE x = 0.4618
CIE y = 0.4129
Duv = 0.0007

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-176-2

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	43	NR	620	881	NR	750	28	NR	880	0	NR
365	0	NR	495	67	NR	625	832	NR	755	25	NR	885	0	NR
370	0	NR	500	108	NR	630	776	NR	760	22	NR	890	0	NR
375	0	NR	505	165	NR	635	720	NR	765	19	NR	895	0	NR
380	0	NR	510	229	NR	640	660	NR	770	16	NR	900	0	NR
385	0	NR	515	297	NR	645	599	NR	775	14	NR	905	0	NR
390	0	NR	520	357	NR	650	538	NR	780	12	NR	910	0	NR
395	1	NR	525	408	NR	655	480	NR	785	10	NR	915	0	NR
400	3	NR	530	451	NR	660	423	NR	790	9	NR	920	0	NR
405	5	NR	535	488	NR	665	372	NR	795	7	NR	925	0	NR
410	10	NR	540	521	NR	670	325	NR	800	6	NR	930	0	NR
415	21	NR	545	555	NR	675	282	NR	805	5	NR	935	0	NR
420	46	NR	550	590	NR	680	246	NR	810	5	NR	940	0	NR
425	94	NR	555	631	NR	685	213	NR	815	4	NR	945	0	NR
430	169	NR	560	677	NR	690	185	NR	820	4	NR	950	0	NR
435	268	NR	565	728	NR	695	158	NR	825	3	NR	955	0	NR
440	354	NR	570	782	NR	700	136	NR	830	3	NR	960	0	NR
445	445	NR	575	838	NR	705	116	NR	835	2	NR	965	0	NR
450	411	NR	580	891	NR	710	98	NR	840	2	NR	970	0	NR
455	210	NR	585	935	NR	715	82	NR	845	2	NR	975	0	NR
460	119	NR	590	972	NR	720	68	NR	850	2	NR	980	0	NR
465	84	NR	595	991	NR	725	56	NR	855	1	NR	985	0	NR
470	50	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	35	NR	605	988	NR	735	40	NR	865	1	NR	995	0	NR
480	32	NR	610	965	NR	740	35	NR	870	1	NR	1000	0	NR
485	33	NR	615	927	NR	745	31	NR	875	1	NR			

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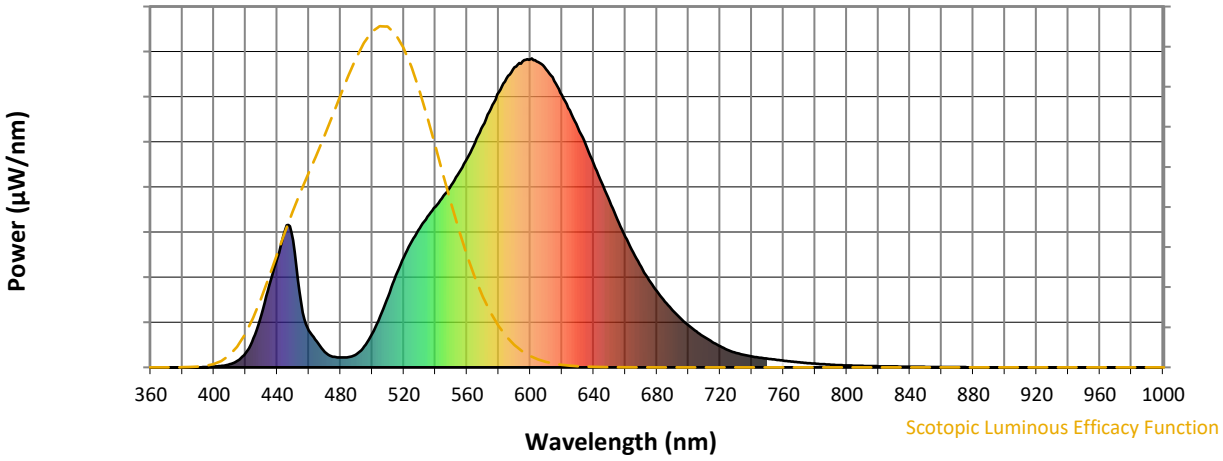
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.03**

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	43	NR	620	881	NR	750	28	NR	880	0	NR
365	0	NR	495	67	NR	625	832	NR	755	25	NR	885	0	NR
370	0	NR	500	108	NR	630	776	NR	760	22	NR	890	0	NR
375	0	NR	505	165	NR	635	720	NR	765	19	NR	895	0	NR
380	0	NR	510	229	NR	640	660	NR	770	16	NR	900	0	NR
385	0	NR	515	297	NR	645	599	NR	775	14	NR	905	0	NR
390	0	NR	520	357	NR	650	538	NR	780	12	NR	910	0	NR
395	1	NR	525	408	NR	655	480	NR	785	10	NR	915	0	NR
400	3	NR	530	451	NR	660	423	NR	790	9	NR	920	0	NR
405	5	NR	535	488	NR	665	372	NR	795	7	NR	925	0	NR
410	10	NR	540	521	NR	670	325	NR	800	6	NR	930	0	NR
415	21	NR	545	555	NR	675	282	NR	805	5	NR	935	0	NR
420	46	NR	550	590	NR	680	246	NR	810	5	NR	940	0	NR
425	94	NR	555	631	NR	685	213	NR	815	4	NR	945	0	NR
430	169	NR	560	677	NR	690	185	NR	820	4	NR	950	0	NR
435	268	NR	565	728	NR	695	158	NR	825	3	NR	955	0	NR
440	354	NR	570	782	NR	700	136	NR	830	3	NR	960	0	NR
445	445	NR	575	838	NR	705	116	NR	835	2	NR	965	0	NR
450	411	NR	580	891	NR	710	98	NR	840	2	NR	970	0	NR
455	210	NR	585	935	NR	715	82	NR	845	2	NR	975	0	NR
460	119	NR	590	972	NR	720	68	NR	850	2	NR	980	0	NR
465	84	NR	595	991	NR	725	56	NR	855	1	NR	985	0	NR
470	50	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	35	NR	605	988	NR	735	40	NR	865	1	NR	995	0	NR
480	32	NR	610	965	NR	740	35	NR	870	1	NR	1000	0	NR
485	33	NR	615	927	NR	745	31	NR	875	1	NR			

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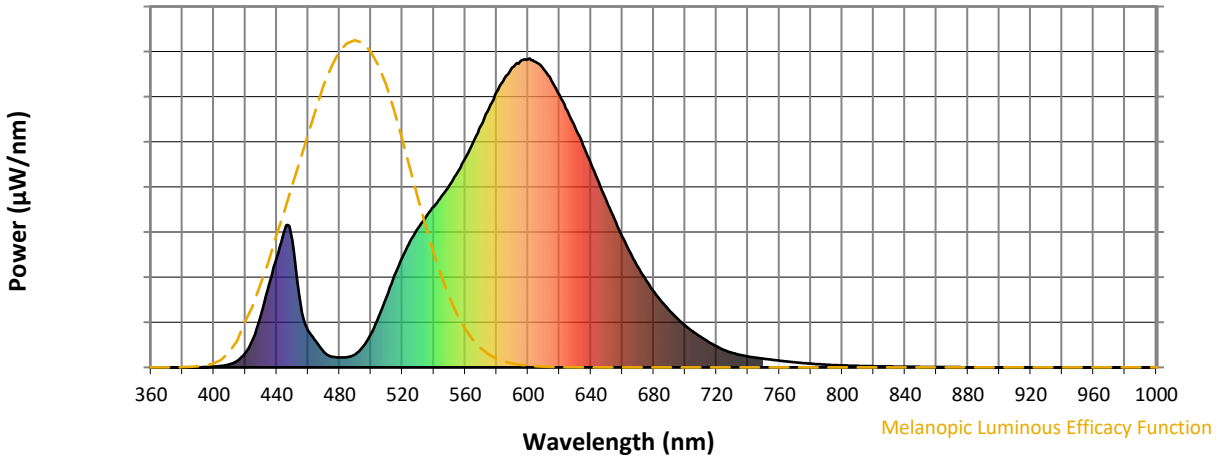
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.73**

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	43	NR	620	881	NR	750	28	NR	880	0	NR
365	0	NR	495	67	NR	625	832	NR	755	25	NR	885	0	NR
370	0	NR	500	108	NR	630	776	NR	760	22	NR	890	0	NR
375	0	NR	505	165	NR	635	720	NR	765	19	NR	895	0	NR
380	0	NR	510	229	NR	640	660	NR	770	16	NR	900	0	NR
385	0	NR	515	297	NR	645	599	NR	775	14	NR	905	0	NR
390	0	NR	520	357	NR	650	538	NR	780	12	NR	910	0	NR
395	1	NR	525	408	NR	655	480	NR	785	10	NR	915	0	NR
400	3	NR	530	451	NR	660	423	NR	790	9	NR	920	0	NR
405	5	NR	535	488	NR	665	372	NR	795	7	NR	925	0	NR
410	10	NR	540	521	NR	670	325	NR	800	6	NR	930	0	NR
415	21	NR	545	555	NR	675	282	NR	805	5	NR	935	0	NR
420	46	NR	550	590	NR	680	246	NR	810	5	NR	940	0	NR
425	94	NR	555	631	NR	685	213	NR	815	4	NR	945	0	NR
430	169	NR	560	677	NR	690	185	NR	820	4	NR	950	0	NR
435	268	NR	565	728	NR	695	158	NR	825	3	NR	955	0	NR
440	354	NR	570	782	NR	700	136	NR	830	3	NR	960	0	NR
445	445	NR	575	838	NR	705	116	NR	835	2	NR	965	0	NR
450	411	NR	580	891	NR	710	98	NR	840	2	NR	970	0	NR
455	210	NR	585	935	NR	715	82	NR	845	2	NR	975	0	NR
460	119	NR	590	972	NR	720	68	NR	850	2	NR	980	0	NR
465	84	NR	595	991	NR	725	56	NR	855	1	NR	985	0	NR
470	50	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	35	NR	605	988	NR	735	40	NR	865	1	NR	995	0	NR
480	32	NR	610	965	NR	740	35	NR	870	1	NR	1000	0	NR
485	33	NR	615	927	NR	745	31	NR	875	1	NR			

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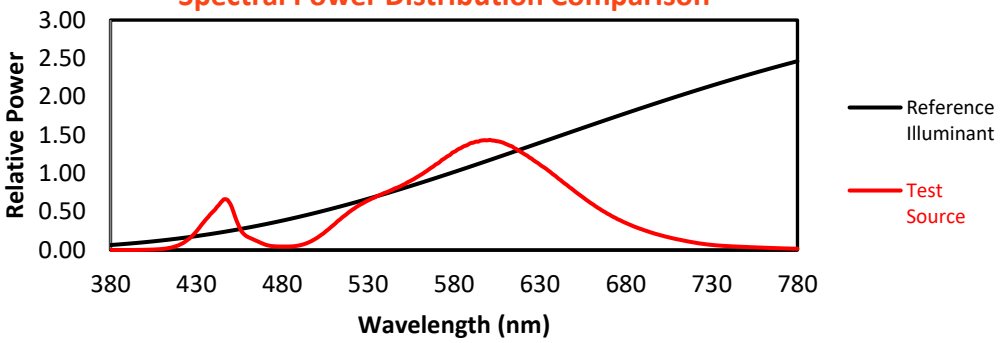
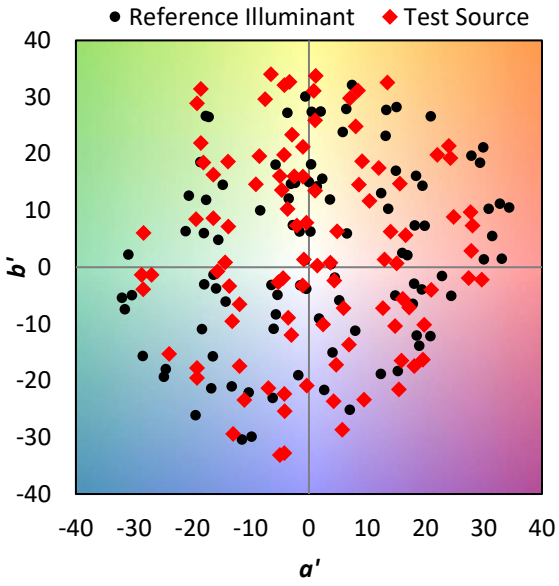
Summary

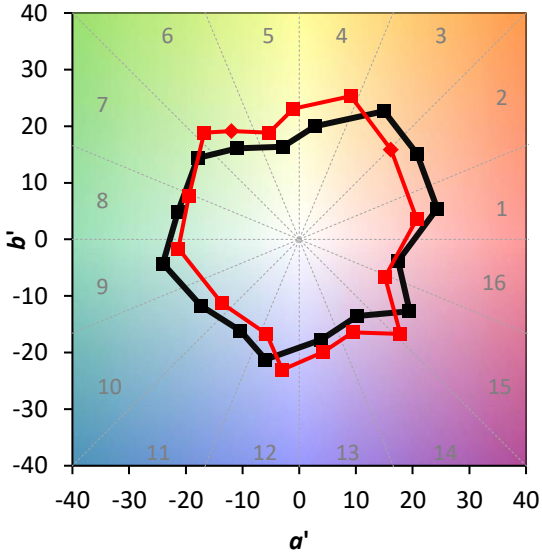
R_f = 70.6
R_g = 97.2
CIE R_a = 70.6
R_9 = -27.1

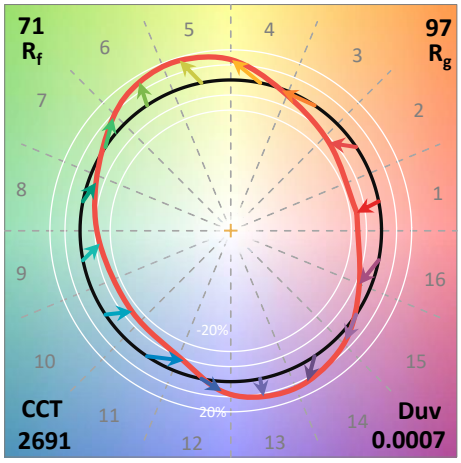
Spectral Power Distribution Comparison

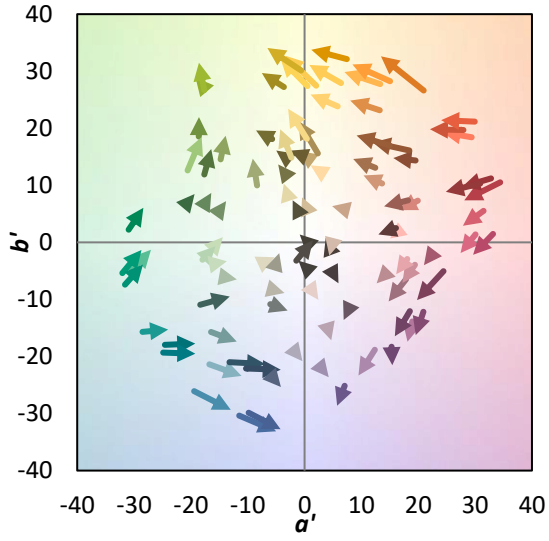


Color Vector Graphics









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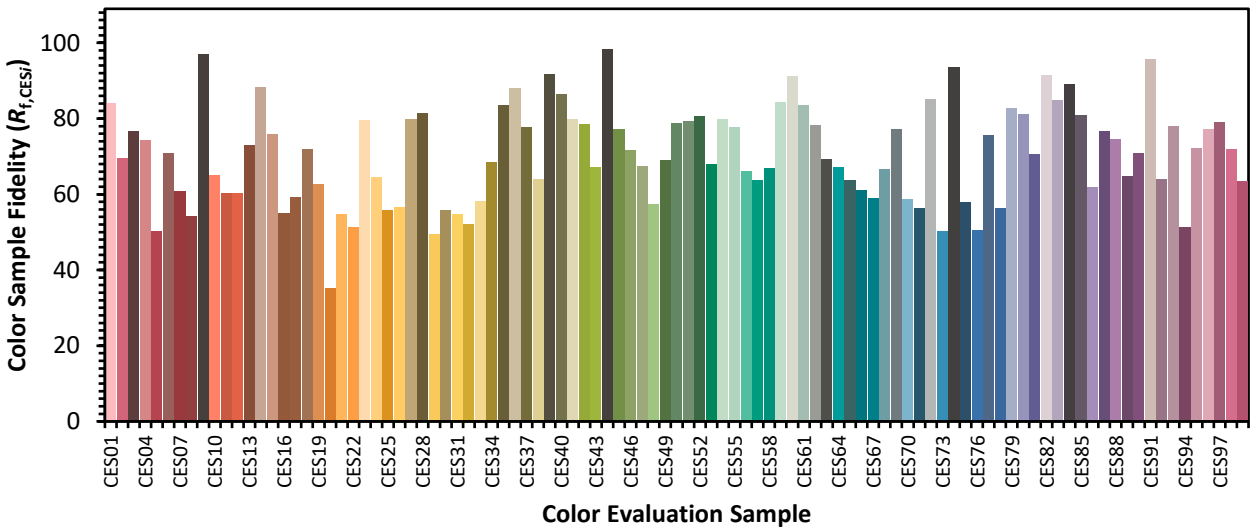
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 79	CES76 = 50
CES02 = 63	CES27 = 80	CES52 = 81	CES77 = 76
CES03 = 31	CES28 = 81	CES53 = 68	CES78 = 56
CES04 = 71	CES29 = 49	CES54 = 80	CES79 = 83
CES05 = 50	CES30 = 56	CES55 = 78	CES80 = 81
CES06 = 52	CES31 = 55	CES56 = 66	CES81 = 71
CES07 = 42	CES32 = 52	CES57 = 64	CES82 = 92
CES08 = 41	CES33 = 58	CES58 = 67	CES83 = 85
CES09 = 29	CES34 = 69	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 84	CES60 = 91	CES85 = 81
CES11 = 60	CES36 = 88	CES61 = 84	CES86 = 62
CES12 = 66	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 44	CES38 = 64	CES63 = 69	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 67	CES89 = 65
CES15 = 72	CES40 = 86	CES65 = 64	CES90 = 71
CES16 = 48	CES41 = 80	CES66 = 61	CES91 = 96
CES17 = 51	CES42 = 79	CES67 = 59	CES92 = 64
CES18 = 57	CES43 = 67	CES68 = 67	CES93 = 78
CES19 = 73	CES44 = 98	CES69 = 77	CES94 = 51
CES20 = 67	CES45 = 77	CES70 = 59	CES95 = 72
CES21 = 88	CES46 = 72	CES71 = 56	CES96 = 77
CES22 = 80	CES47 = 67	CES72 = 85	CES97 = 79
CES23 = 92	CES48 = 57	CES73 = 50	CES98 = 72
CES24 = 92	CES49 = 69	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 79	CES75 = 58	



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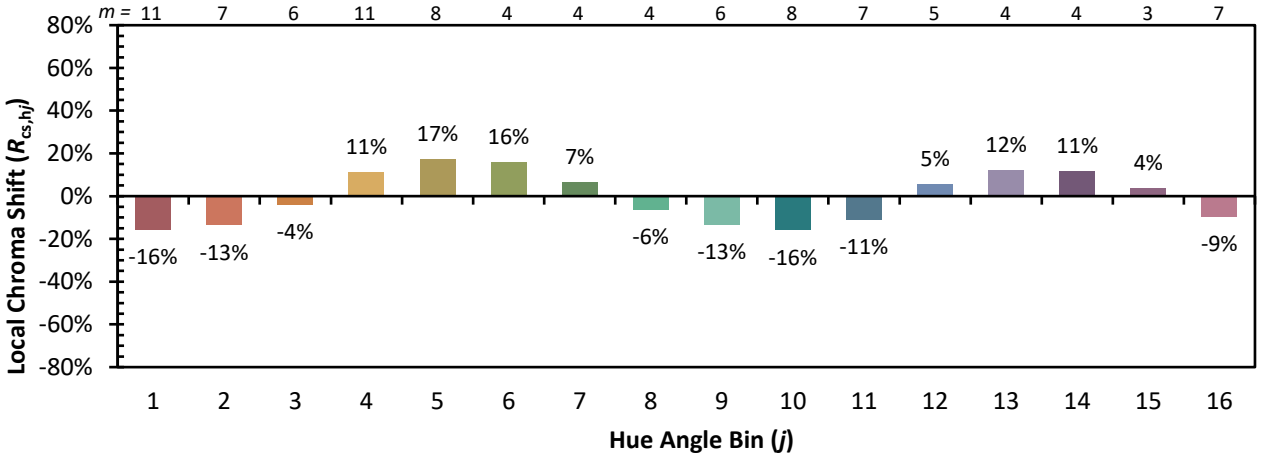
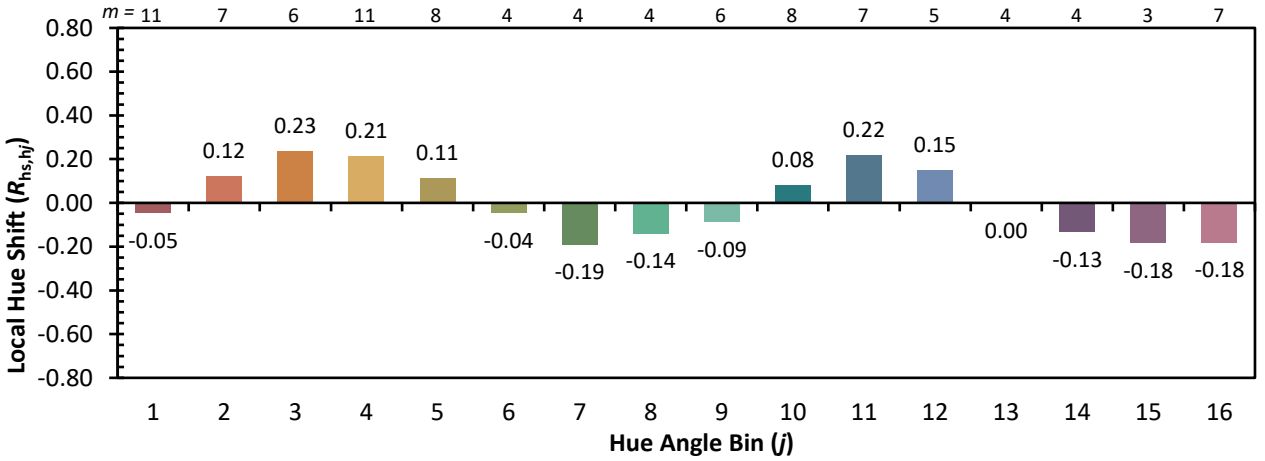
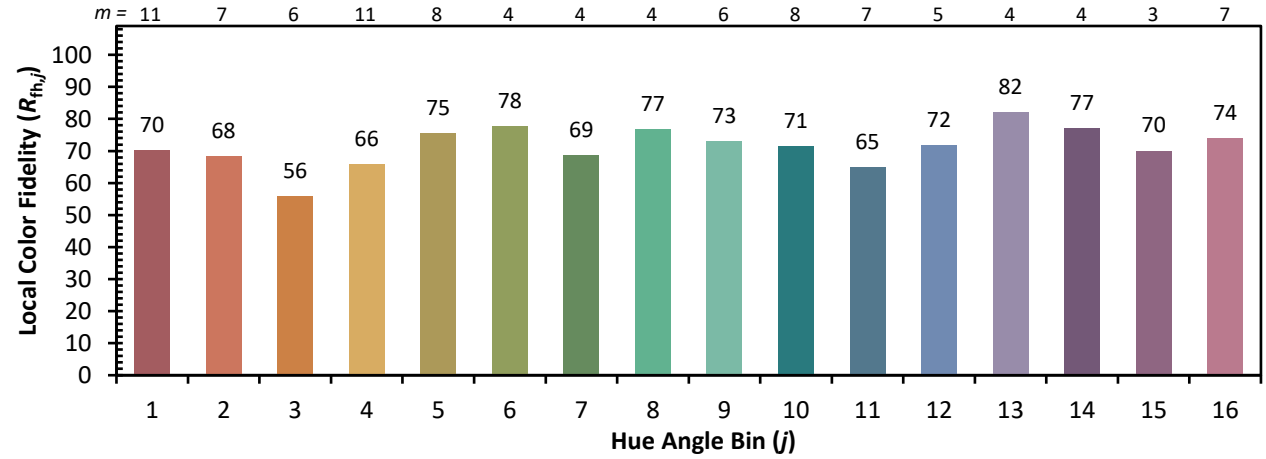
Color Rendition by Hue-Angle Bin







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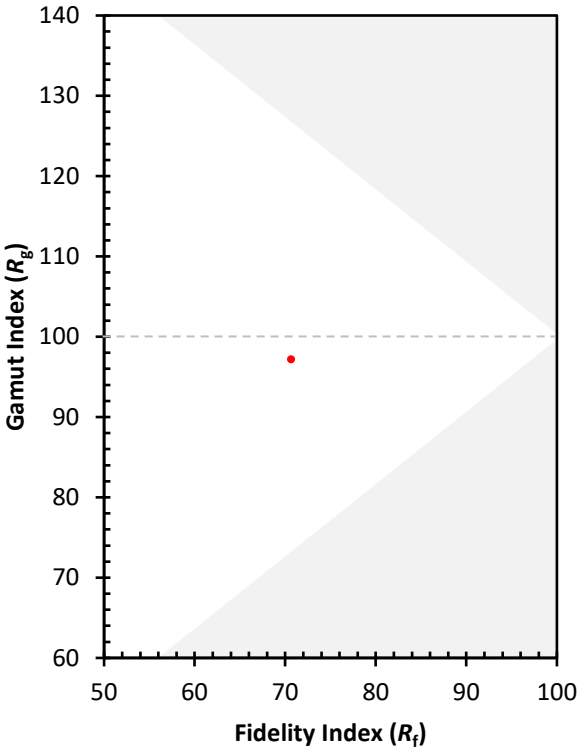
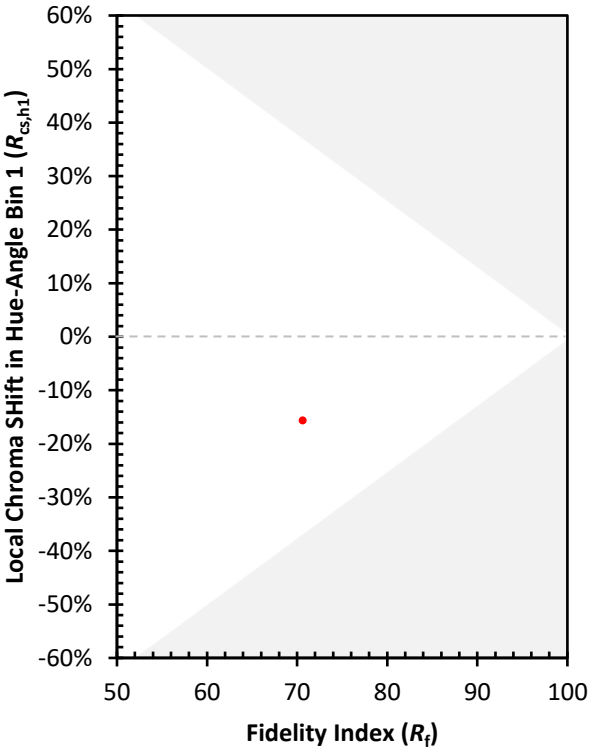
Measure Comparisons





(END OF REPORT)