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: P867703

Luminaire Tested: **MEM2-HTN-SA-60-750-U-T4W**

Issue Date: 08/21/2024

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:	P867703
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/21/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HTN-SA-60-750-U-T4W
Description:	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 60W 70CRI 5000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(20) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9084 lumens
Efficiency:	N/A
Efficacy:	148.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	61
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.89%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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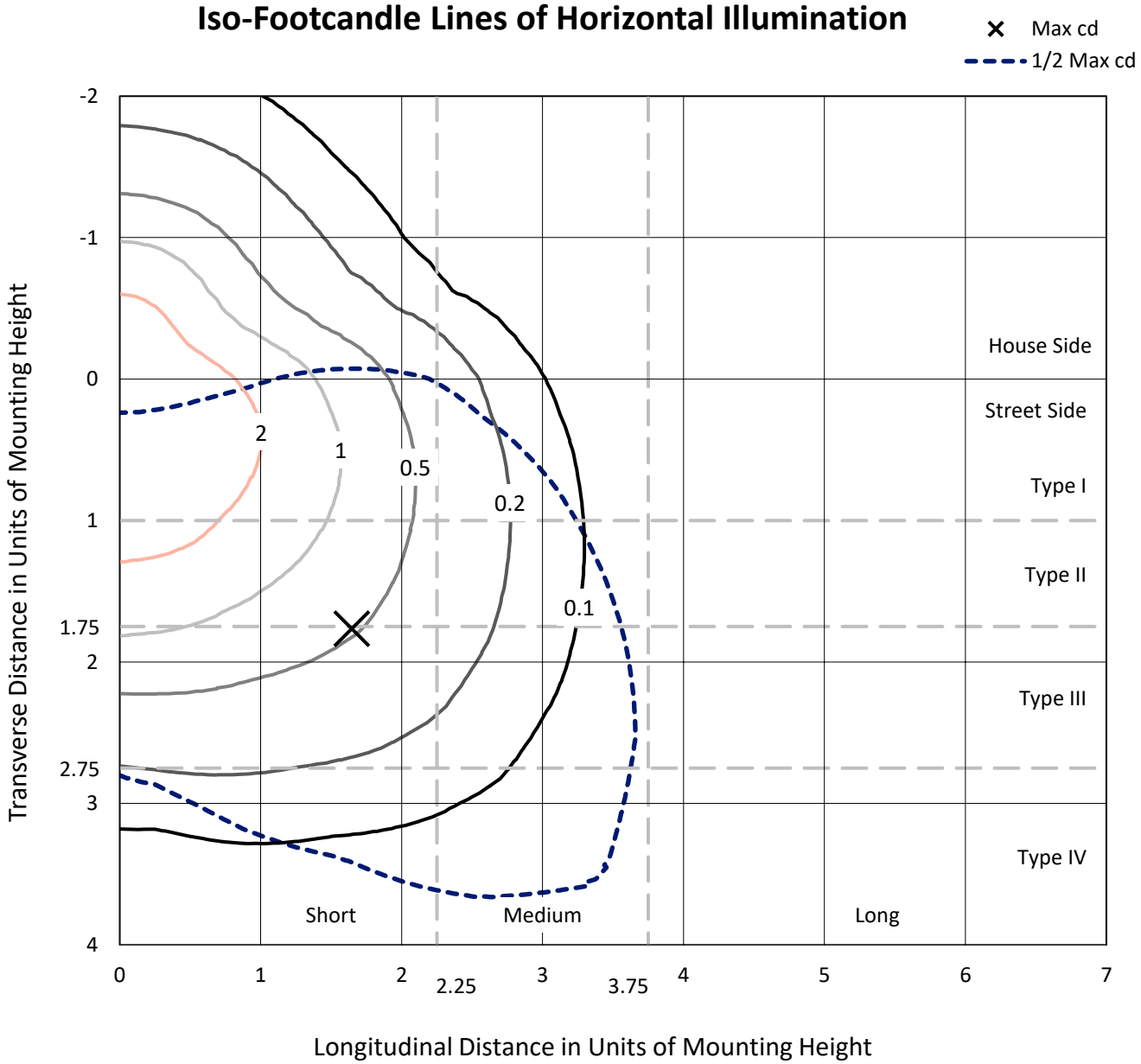
REPORT NUMBER: P867703
CATALOG NUMBER: MEM2-HTN-SA-60-750-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 4.3 fc
Type IV - Short - N/A

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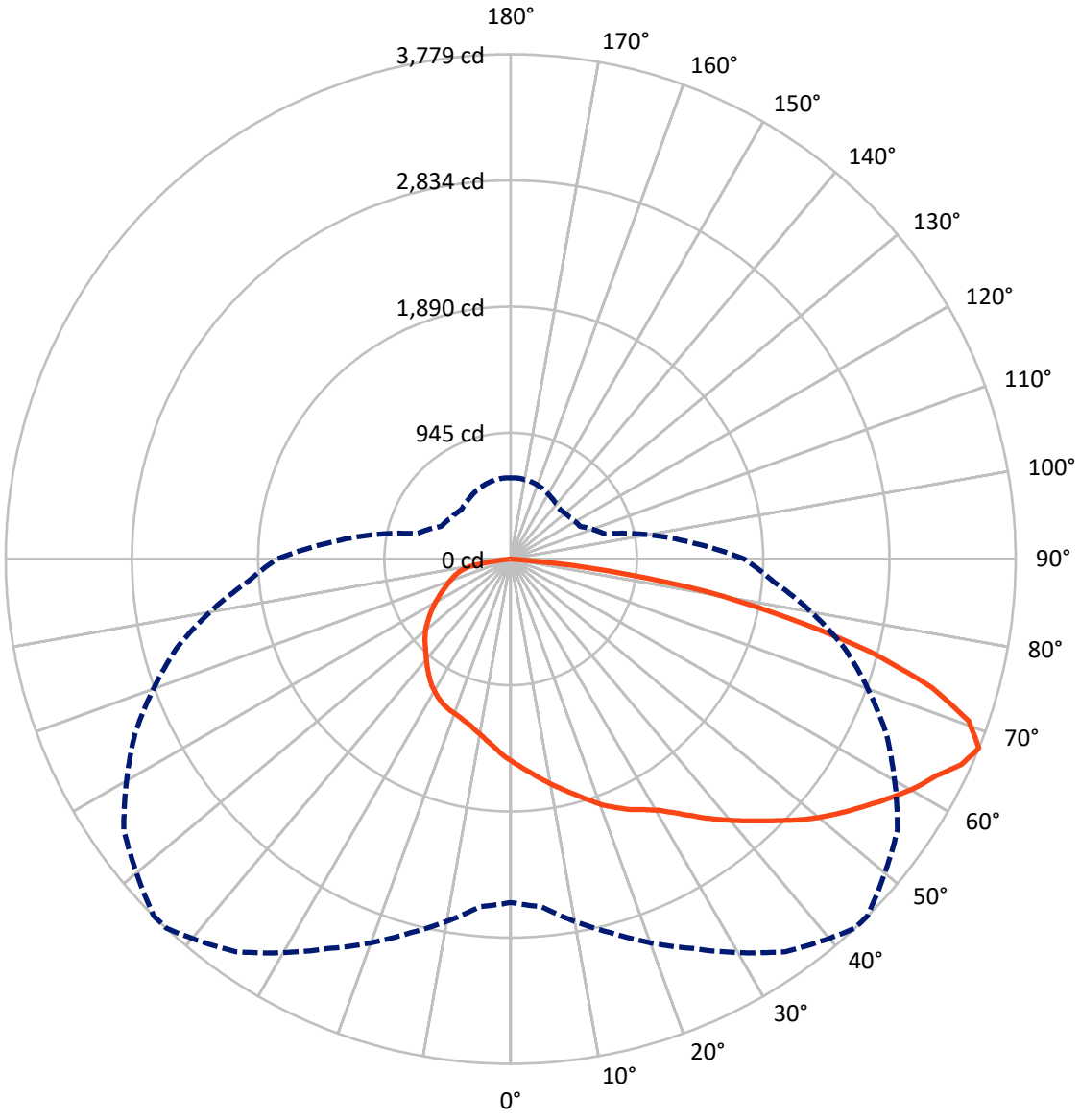
Luminous Intensity Polar Plot



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REPORT NUMBER: P867703
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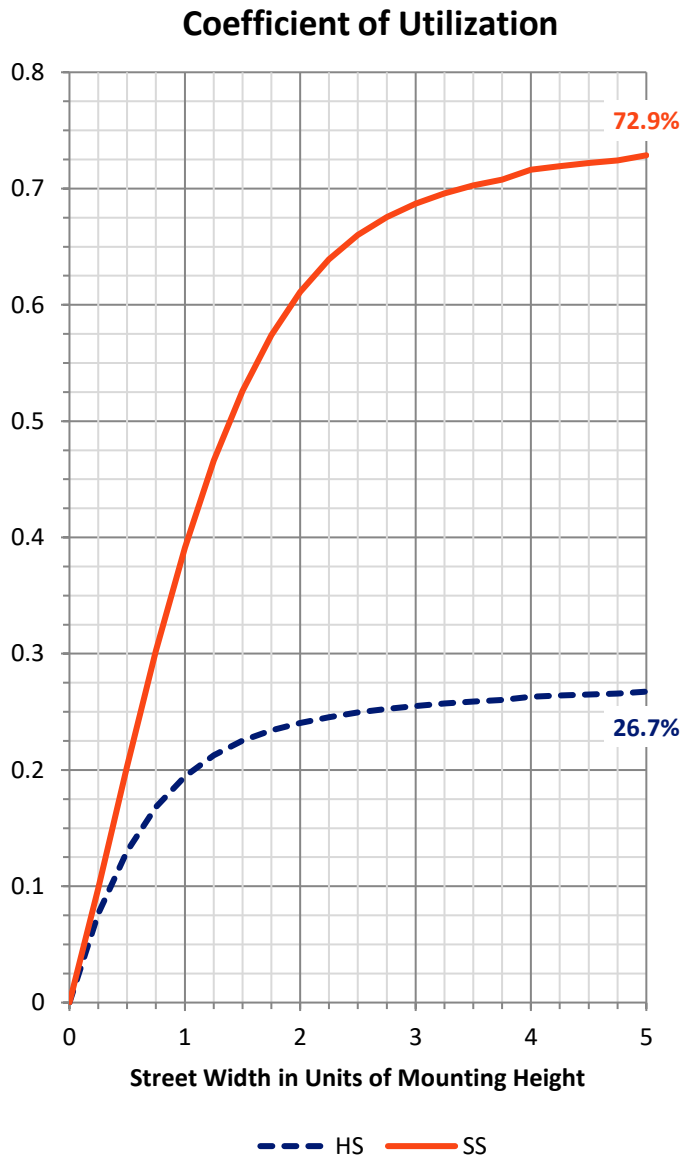
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2443.6	0.0	2443.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	6640.3	0.0	6640.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	9084.0	0.0	9084.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.1	1.6
10°-20°	443.2	4.9
20°-30°	756.1	8.3
30°-40°	1102.8	12.1
40°-50°	1481.5	16.3
50°-60°	1813.6	20.0
60°-70°	1908.7	21.0
70°-80°	1246.1	13.7
80°-90°	186.9	2.1
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°	9084.0	100.0
0°-180°	9084.0	100.0



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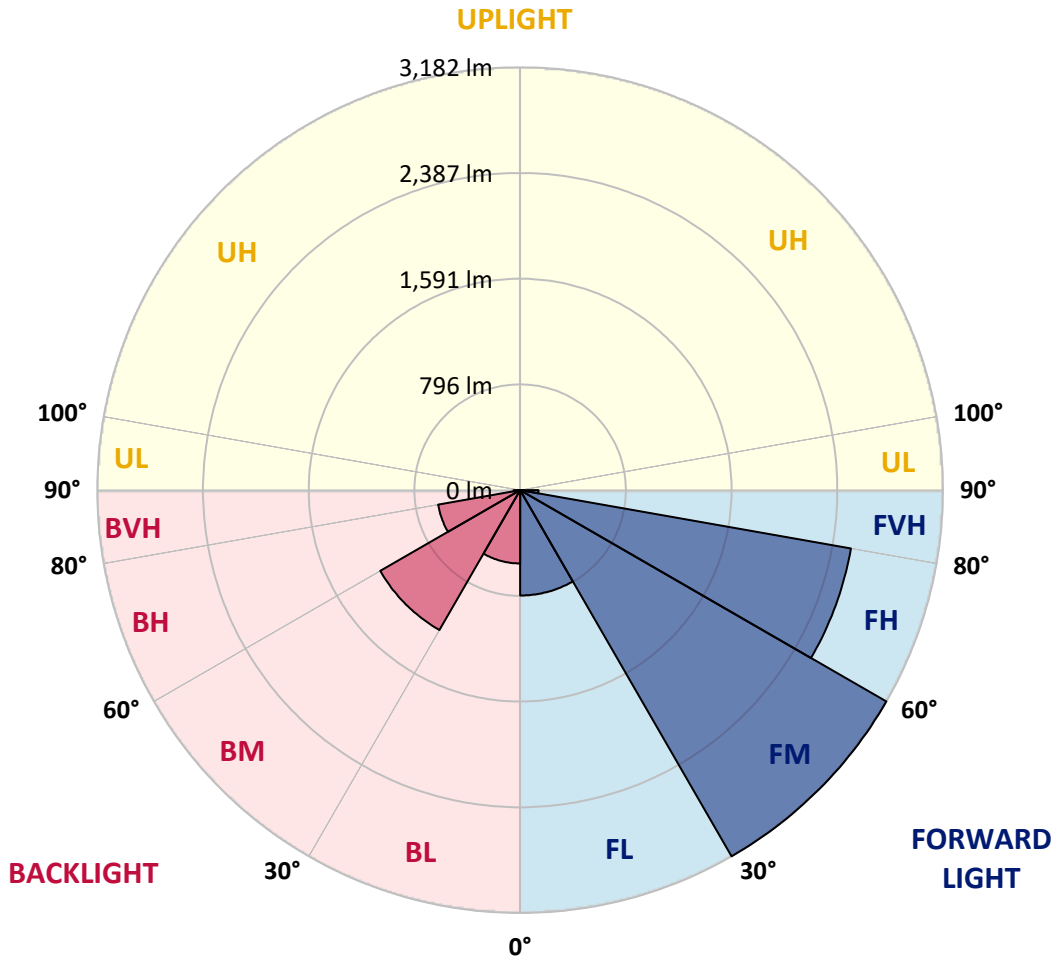
REPORT NUMBER: P867703
CATALOG NUMBER: MEM2-HTN-SA-60-750-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	792.8	8.7			
FM	(30°-60°)	3182.0	35.0			
FH	(60°-80°)	2527.6	27.8			G2/5000
FVH	(80°-90°)	137.9	1.5			G2/225
BL	(0°-30°)	551.7	6.1	B2/1000		
BM	(30°-60°)	1215.8	13.4	B2/2500		
BH	(60°-80°)	627.1	6.9	B2/1000		G2/1000
BVH	(80°-90°)	49.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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Scaled Data Report

REPORT NUMBER: P867703
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	1516.4	1516.4	1516.4	1516.4	1516.4	*1516.4*	1516.4	1516.4	1516.4	1516.4	1516.4
2.5°	1586.2	1584.4	1578.9	1575.2	1564.2	*1562.3*	1562.3	1551.3	1538.4	1531.1	1523.7
5°	1657.9	1648.7	1645.0	1637.7	1619.3	*1608.3*	1612.0	1591.7	1566.0	1547.6	1527.4
7.5°	1722.2	1718.6	1705.7	1696.5	1674.5	*1663.4*	1659.8	1628.5	1595.4	1567.9	1534.8
10°	1799.4	1790.3	1782.9	1764.5	1735.1	*1718.6*	1713.1	1672.6	1630.3	1593.6	1549.5
12.5°	1869.3	1858.3	1849.1	1830.7	1801.3	*1773.7*	1766.4	1720.4	1667.1	1617.5	1562.3
15°	1922.6	1924.4	1915.2	1898.7	1865.6	*1832.5*	1827.0	1766.4	1702.0	1641.4	1575.2
17.5°	1972.2	1979.6	1974.1	1963.0	1929.9	*1896.9*	1891.3	1823.3	1746.1	1668.9	1589.9
20°	2020.0	2020.0	2018.2	2010.8	1986.9	*1964.9*	1953.8	1885.8	1788.4	1698.4	1610.1
22.5°	2047.6	2054.9	2054.9	2054.9	2040.2	*2021.8*	2018.2	1952.0	1845.4	1735.1	1628.5
25°	2089.9	2099.0	2099.0	2095.4	2082.5	*2077.0*	2071.5	2009.0	1900.5	1777.4	1648.7
27.5°	2179.9	2178.1	2163.4	2145.0	2126.6	*2124.8*	2117.4	2073.3	1964.9	1823.3	1676.3
30°	2304.9	2308.6	2290.2	2233.2	2190.9	*2181.8*	2183.6	2145.0	2040.2	1876.6	1707.5
32.5°	2496.1	2496.1	2424.4	2350.9	2290.2	*2266.3*	2260.8	2227.7	2117.4	1935.5	1742.5
35°	2639.4	2633.9	2593.5	2507.1	2431.7	*2363.7*	2354.5	2310.4	2203.8	2001.6	1781.1
37.5°	2747.9	2758.9	2727.7	2661.5	2588.0	*2470.3*	2451.9	2389.5	2282.8	2066.0	1819.7
40°	2957.4	2929.8	2854.5	2793.8	2705.6	*2575.1*	2558.6	2481.4	2363.7	2137.6	1867.5
42.5°	3110.0	3071.4	2985.0	2904.1	2793.8	*2679.9*	2665.2	2580.6	2457.5	2218.5	1917.1
45°	3328.7	3242.3	3122.8	3051.2	2894.9	*2793.8*	2775.4	2683.5	2554.9	2304.9	1979.6
47.5°	3540.1	3389.4	3262.5	3229.4	3005.2	*2917.0*	2902.3	2795.7	2659.6	2398.6	2040.2
50°	3512.5	3413.2	3371.0	3339.7	3100.8	*3032.8*	3018.1	2909.6	2766.3	2497.9	2100.9
52.5°	3442.7	3451.8	3453.7	3378.3	3190.8	*3141.2*	3126.5	3032.8	2876.5	2584.3	2159.7
55°	3516.2	3527.2	3525.4	3411.4	3295.6	*3249.7*	3240.5	3157.8	2983.1	2665.2	2202.0
57.5°	3628.3	3591.5	3586.0	3494.1	3407.7	*3365.5*	3354.4	3282.7	3073.2	2724.0	2235.1
60°	3648.5	3575.0	3598.9	3512.5	3492.3	*3479.4*	3475.7	3391.2	3157.8	2771.8	2247.9
62.5°	3422.4	3409.6	3503.3	3468.4	3536.4	*3573.2*	3575.0	3468.4	3203.7	2790.1	2235.1
65°	3036.4	3087.9	3290.1	3391.2	3602.6	*3707.3*	3703.7	3514.3	3198.2	2736.8	2156.0
67.5°	*2571.4*	*2611.9*	*2896.8*	*3216.6*	*3587.9*	*3779.0*	*3777.2*	*3534.6*	*3102.6*	*2589.8*	*1977.7*
70°	1950.2	2077.0	2481.4	2902.3	3389.4	*3637.5*	3668.7	3420.6	2883.9	2321.4	1707.5
72.5°	1483.3	1503.5	1992.4	2433.6	3034.6	*3301.1*	3295.6	3056.7	2518.1	1955.7	1422.6
75°	1053.2	1097.3	1499.8	1885.8	2486.9	*2782.8*	2769.9	2507.1	2009.0	1521.9	1088.1
77.5°	784.8	801.4	1097.3	1398.8	1860.1	*2126.6*	2121.1	1852.7	1477.8	1117.5	810.6
80°	573.5	601.0	790.4	976.0	1260.9	*1490.7*	1483.3	1229.7	948.4	781.2	591.8
82.5°	321.7	341.9	459.5	590.0	665.4	*737.1*	705.8	590.0	431.9	336.4	290.4
85°	9.2	11.0	16.5	20.2	34.9	*58.8*	64.3	57.0	68.0	42.3	46.0
87.5°	3.7	3.7	3.7	3.7	3.7	*5.5*	5.5	5.5	5.5	5.5	5.5
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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REPORT NUMBER: P867703
CATALOG NUMBER: MEM2-HTN-SA-60-750-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1516.4	1516.4	1516.4	1516.4	1516.4	1516.4	1516.4	1516.4	1516.4	1516.4	1516.4
2.5°	1520.1	1512.7	1498.0	1488.8	1483.3	1475.9	1464.9	1457.6	1452.1	1459.4	1457.6
5°	1518.2	1503.5	1477.8	1459.4	1441.0	1426.3	1409.8	1396.9	1389.6	1393.2	1391.4
7.5°	1518.2	1499.8	1459.4	1430.0	1402.4	1380.4	1362.0	1345.4	1338.1	1339.9	1338.1
10°	1525.6	1499.8	1446.5	1404.3	1367.5	1341.8	1321.6	1306.8	1301.3	1306.8	1308.7
12.5°	1532.9	1499.8	1435.5	1382.2	1334.4	1306.8	1288.5	1279.3	1283.0	1284.8	1286.6
15°	1536.6	1498.0	1424.5	1356.5	1303.2	1273.8	1262.7	1260.9	1270.1	1279.3	1281.1
17.5°	1545.8	1496.2	1407.9	1330.7	1275.6	1251.7	1246.2	1253.5	1271.9	1284.8	1288.5
20°	1556.8	1499.8	1389.6	1299.5	1248.0	1229.7	1238.8	1255.4	1277.4	1295.8	1299.5
22.5°	1567.9	1501.7	1373.0	1271.9	1218.6	1214.9	1235.2	1259.1	1284.8	1303.2	1306.8
25°	1580.7	1501.7	1351.0	1237.0	1189.2	1194.7	1226.0	1257.2	1281.1	1305.0	1308.7
27.5°	1593.6	1505.4	1327.1	1198.4	1152.5	1169.0	1207.6	1246.2	1271.9	1295.8	1301.3
30°	1615.6	1512.7	1306.8	1165.3	1115.7	1137.7	1183.7	1227.8	1255.4	1281.1	1286.6
32.5°	1637.7	1523.7	1290.3	1130.4	1078.9	1104.7	1156.1	1205.8	1235.2	1259.1	1262.7
35°	1667.1	1538.4	1277.4	1095.5	1042.2	1062.4	1117.5	1172.7	1205.8	1224.1	1233.3
37.5°	1698.4	1558.7	1266.4	1064.2	1001.7	1020.1	1078.9	1137.7	1172.7	1191.1	1194.7
40°	1737.0	1586.2	1259.1	1034.8	963.1	977.8	1036.7	1101.0	1134.1	1146.9	1154.3
42.5°	1779.2	1615.6	1253.5	1005.4	920.9	935.6	998.1	1060.6	1093.6	1104.7	1110.2
45°	1832.5	1654.2	1249.9	974.2	885.9	898.8	961.3	1023.8	1051.4	1066.1	1071.6
47.5°	1882.2	1692.8	1238.8	937.4	847.3	865.7	922.7	977.8	1009.1	1018.3	1023.8
50°	1931.8	1725.9	1216.8	897.0	812.4	829.0	880.4	920.9	944.8	955.8	959.5
52.5°	1979.6	1749.8	1181.9	854.7	775.7	786.7	829.0	867.6	884.1	887.8	898.8
55°	2010.8	1762.7	1132.2	805.1	738.9	742.6	773.8	808.7	817.9	819.8	819.8
57.5°	2032.9	1755.3	1073.4	755.4	702.1	702.1	720.5	748.1	751.8	753.6	757.3
60°	2036.6	1729.6	998.1	709.5	661.7	656.2	674.6	691.1	692.9	696.6	700.3
62.5°	2009.0	1672.6	917.2	665.4	623.1	610.2	626.8	643.3	652.5	658.0	661.7
65°	1924.4	1556.8	825.3	621.3	586.3	564.3	584.5	612.1	630.4	632.3	632.3
67.5°	*1748.0*	*1369.3*	*727.9*	*575.3*	*542.2*	*522.0*	*547.7*	*577.1*	*599.2*	*608.4*	*606.6*
70°	1481.5	1161.6	637.8	527.5	498.1	485.2	512.8	545.9	564.3	571.6	575.3
72.5°	1192.9	930.0	558.8	479.7	459.5	452.2	479.7	512.8	538.5	549.6	551.4
75°	928.2	731.5	492.6	430.1	413.6	415.4	444.8	477.9	505.5	511.0	494.4
77.5°	720.5	582.7	430.1	371.3	362.1	375.0	404.4	439.3	455.8	461.3	450.3
80°	520.2	446.6	347.4	292.2	292.2	312.5	338.2	378.6	384.2	376.8	380.5
82.5°	246.3	216.9	170.9	141.5	132.3	147.0	156.2	169.1	183.8	187.5	178.3
85°	33.1	22.1	16.5	18.4	16.5	11.0	7.4	7.4	7.4	5.5	5.5
87.5°	5.5	5.5	3.7	3.7	3.7	3.7	3.7	3.7	1.8	1.8	1.8
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2407-157-6

Test Date: 08/07/2024

Luminaire Tested: MEM2-HTN-SA-30-750-U-5WQ-2

Data in this report applies to families of products including MEM2-HTN-SA-30-750-U-5WQ-2

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

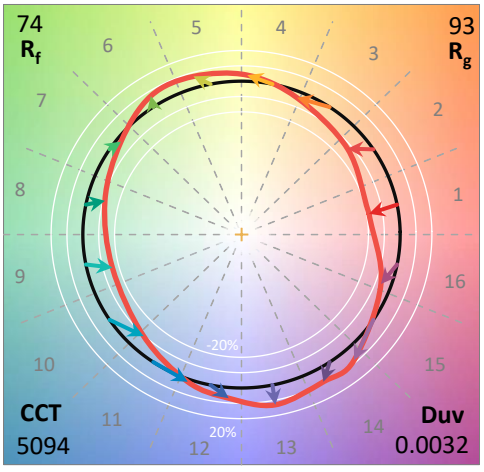
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-157-6
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/20/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**MEM2-HTN-SA-30-750-U-5WQ-2**
Description:	Epic Modern Light Square 30W 5WQ Optic and Flare Trim

Spectral Parameters

CCT (K):	5094
CIE u':	0.2082
CIE v':	0.4867
Duv:	0.0032
CIE x:	0.3430
CIE y:	0.3564
CIE z:	0.3006
Peak Wavelength (nm):	451
Dominant Wavelength (nm):	568
Purity:	9.86439
Rf:	73.7
Rg:	93

CRI (Ra):	72.0
R1:	68.6
R2:	78.1
R3:	84.6
R4:	71.6
R5:	69.6
R6:	69.4
R7:	80.9
R8:	53.1
R9:	-39.6
R10:	47.6
R11:	68.2
R12:	41.4
R13:	70.4
R14:	91.4
R15:	61.4



Test Conditions

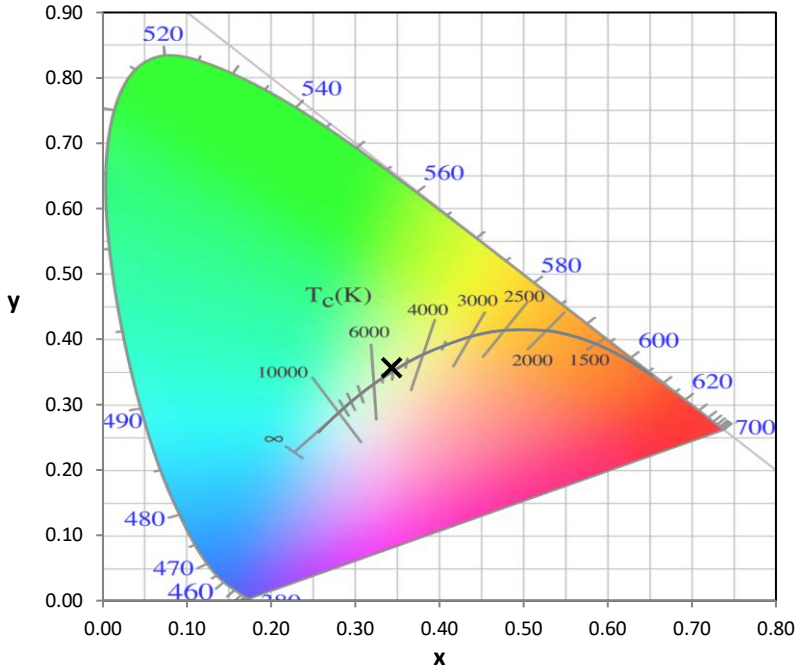
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2407-157-6

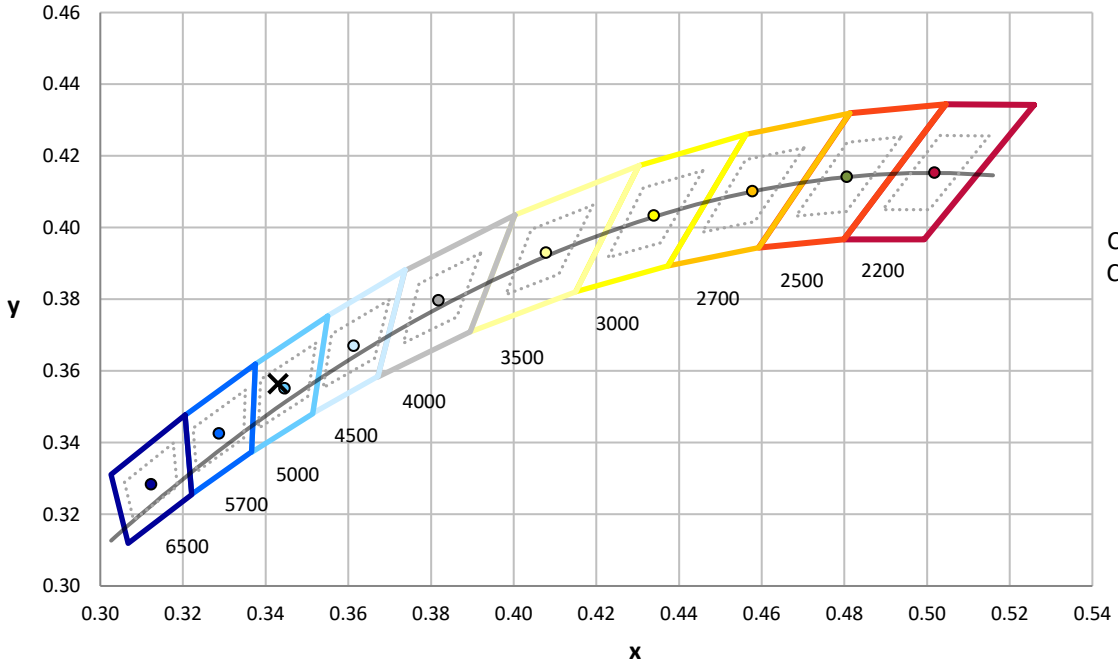
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-157-6

CIE 1931 Chromaticity Diagram



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

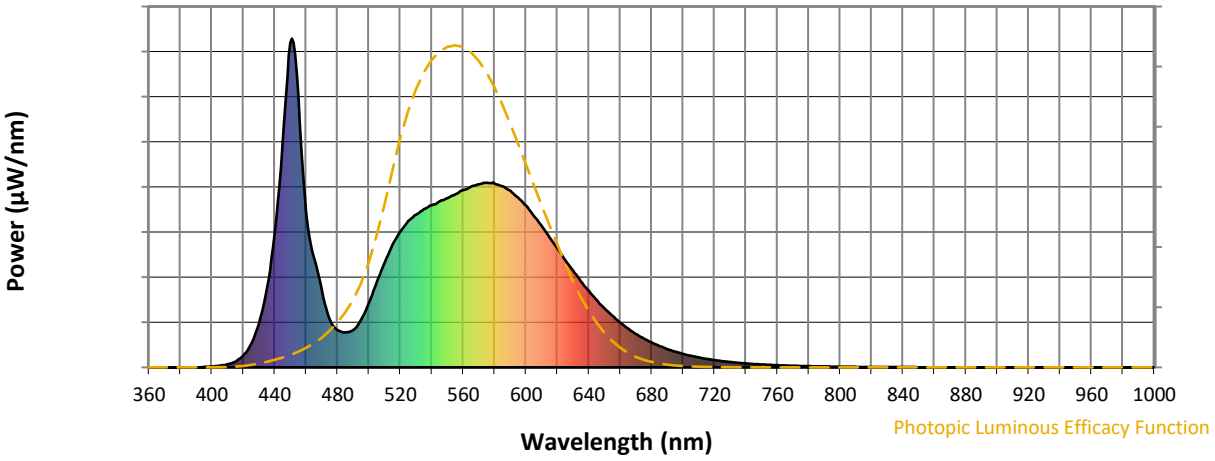


CCT = 5094K
CIE x = 0.3430
CIE y = 0.3564
Duv = 0.0032

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-157-6

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	114	NR	620	361	NR	750	9	NR	880	0	NR
365	0	NR	495	145	NR	625	326	NR	755	8	NR	885	0	NR
370	0	NR	500	197	NR	630	294	NR	760	7	NR	890	0	NR
375	0	NR	505	259	NR	635	261	NR	765	6	NR	895	0	NR
380	0	NR	510	319	NR	640	232	NR	770	5	NR	900	0	NR
385	0	NR	515	373	NR	645	204	NR	775	4	NR	905	0	NR
390	0	NR	520	414	NR	650	179	NR	780	4	NR	910	0	NR
395	1	NR	525	445	NR	655	157	NR	785	3	NR	915	0	NR
400	3	NR	530	465	NR	660	136	NR	790	3	NR	920	0	NR
405	5	NR	535	482	NR	665	118	NR	795	2	NR	925	0	NR
410	9	NR	540	493	NR	670	102	NR	800	2	NR	930	0	NR
415	18	NR	545	505	NR	675	87	NR	805	2	NR	935	0	NR
420	36	NR	550	515	NR	680	75	NR	810	2	NR	940	0	NR
425	72	NR	555	527	NR	685	65	NR	815	1	NR	945	0	NR
430	134	NR	560	540	NR	690	56	NR	820	1	NR	950	0	NR
435	242	NR	565	550	NR	695	48	NR	825	1	NR	955	0	NR
440	407	NR	570	557	NR	700	41	NR	830	1	NR	960	0	NR
445	684	NR	575	561	NR	705	35	NR	835	1	NR	965	0	NR
450	988	NR	580	559	NR	710	30	NR	840	1	NR	970	0	NR
455	828	NR	585	551	NR	715	26	NR	845	1	NR	975	0	NR
460	473	NR	590	537	NR	720	22	NR	850	1	NR	980	0	NR
465	333	NR	595	516	NR	725	19	NR	855	0	NR	985	0	NR
470	232	NR	600	491	NR	730	16	NR	860	0	NR	990	0	NR
475	146	NR	605	461	NR	735	14	NR	865	0	NR	995	0	NR
480	113	NR	610	429	NR	740	12	NR	870	0	NR	1000	0	NR
485	106	NR	615	395	NR	745	10	NR	875	0	NR			

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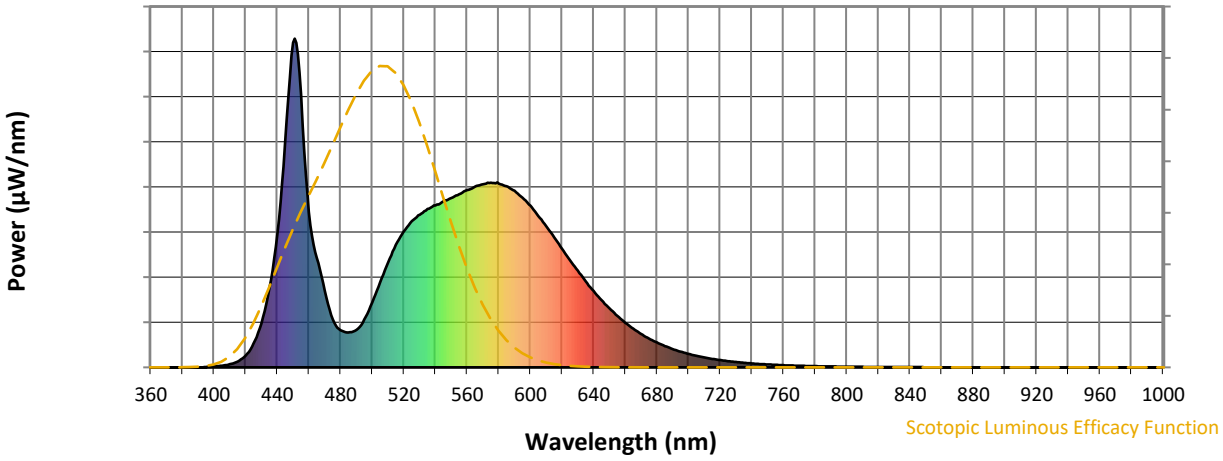
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.81**

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	114	NR	620	361	NR	750	9	NR	880	0	NR
365	0	NR	495	145	NR	625	326	NR	755	8	NR	885	0	NR
370	0	NR	500	197	NR	630	294	NR	760	7	NR	890	0	NR
375	0	NR	505	259	NR	635	261	NR	765	6	NR	895	0	NR
380	0	NR	510	319	NR	640	232	NR	770	5	NR	900	0	NR
385	0	NR	515	373	NR	645	204	NR	775	4	NR	905	0	NR
390	0	NR	520	414	NR	650	179	NR	780	4	NR	910	0	NR
395	1	NR	525	445	NR	655	157	NR	785	3	NR	915	0	NR
400	3	NR	530	465	NR	660	136	NR	790	3	NR	920	0	NR
405	5	NR	535	482	NR	665	118	NR	795	2	NR	925	0	NR
410	9	NR	540	493	NR	670	102	NR	800	2	NR	930	0	NR
415	18	NR	545	505	NR	675	87	NR	805	2	NR	935	0	NR
420	36	NR	550	515	NR	680	75	NR	810	2	NR	940	0	NR
425	72	NR	555	527	NR	685	65	NR	815	1	NR	945	0	NR
430	134	NR	560	540	NR	690	56	NR	820	1	NR	950	0	NR
435	242	NR	565	550	NR	695	48	NR	825	1	NR	955	0	NR
440	407	NR	570	557	NR	700	41	NR	830	1	NR	960	0	NR
445	684	NR	575	561	NR	705	35	NR	835	1	NR	965	0	NR
450	988	NR	580	559	NR	710	30	NR	840	1	NR	970	0	NR
455	828	NR	585	551	NR	715	26	NR	845	1	NR	975	0	NR
460	473	NR	590	537	NR	720	22	NR	850	1	NR	980	0	NR
465	333	NR	595	516	NR	725	19	NR	855	0	NR	985	0	NR
470	232	NR	600	491	NR	730	16	NR	860	0	NR	990	0	NR
475	146	NR	605	461	NR	735	14	NR	865	0	NR	995	0	NR
480	113	NR	610	429	NR	740	12	NR	870	0	NR	1000	0	NR
485	106	NR	615	395	NR	745	10	NR	875	0	NR			

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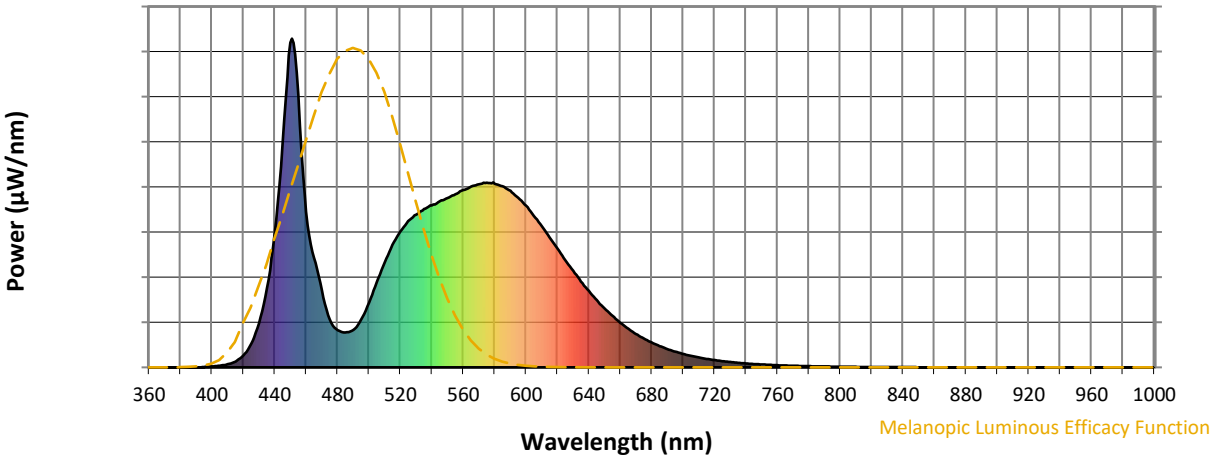
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.73**

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	114	NR	620	361	NR	750	9	NR	880	0	NR
365	0	NR	495	145	NR	625	326	NR	755	8	NR	885	0	NR
370	0	NR	500	197	NR	630	294	NR	760	7	NR	890	0	NR
375	0	NR	505	259	NR	635	261	NR	765	6	NR	895	0	NR
380	0	NR	510	319	NR	640	232	NR	770	5	NR	900	0	NR
385	0	NR	515	373	NR	645	204	NR	775	4	NR	905	0	NR
390	0	NR	520	414	NR	650	179	NR	780	4	NR	910	0	NR
395	1	NR	525	445	NR	655	157	NR	785	3	NR	915	0	NR
400	3	NR	530	465	NR	660	136	NR	790	3	NR	920	0	NR
405	5	NR	535	482	NR	665	118	NR	795	2	NR	925	0	NR
410	9	NR	540	493	NR	670	102	NR	800	2	NR	930	0	NR
415	18	NR	545	505	NR	675	87	NR	805	2	NR	935	0	NR
420	36	NR	550	515	NR	680	75	NR	810	2	NR	940	0	NR
425	72	NR	555	527	NR	685	65	NR	815	1	NR	945	0	NR
430	134	NR	560	540	NR	690	56	NR	820	1	NR	950	0	NR
435	242	NR	565	550	NR	695	48	NR	825	1	NR	955	0	NR
440	407	NR	570	557	NR	700	41	NR	830	1	NR	960	0	NR
445	684	NR	575	561	NR	705	35	NR	835	1	NR	965	0	NR
450	988	NR	580	559	NR	710	30	NR	840	1	NR	970	0	NR
455	828	NR	585	551	NR	715	26	NR	845	1	NR	975	0	NR
460	473	NR	590	537	NR	720	22	NR	850	1	NR	980	0	NR
465	333	NR	595	516	NR	725	19	NR	855	0	NR	985	0	NR
470	232	NR	600	491	NR	730	16	NR	860	0	NR	990	0	NR
475	146	NR	605	461	NR	735	14	NR	865	0	NR	995	0	NR
480	113	NR	610	429	NR	740	12	NR	870	0	NR	1000	0	NR
485	106	NR	615	395	NR	745	10	NR	875	0	NR			

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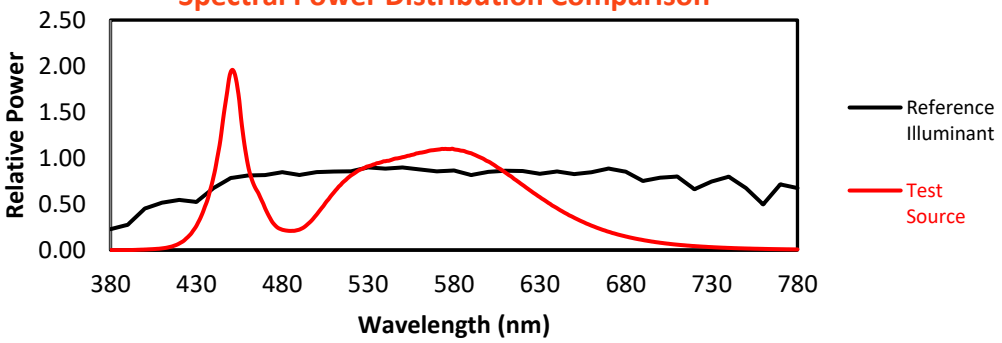
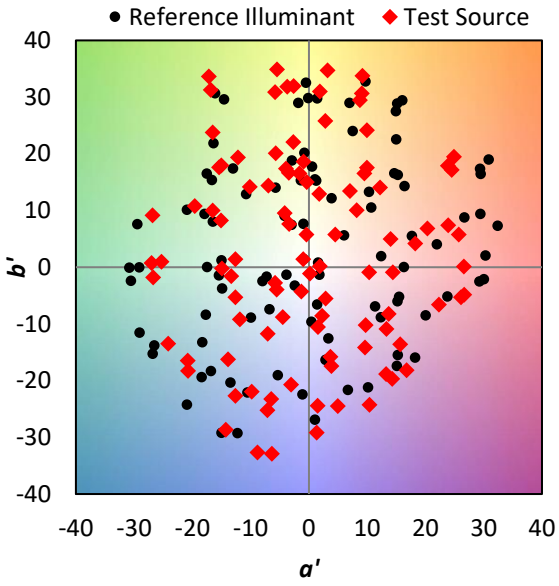
Summary

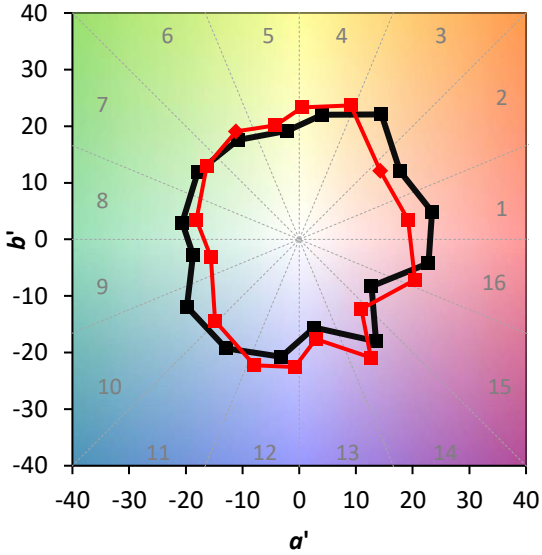
R_f = 73.7
R_g = 93
CIE R_a = 72.0
R_9 = -39.6

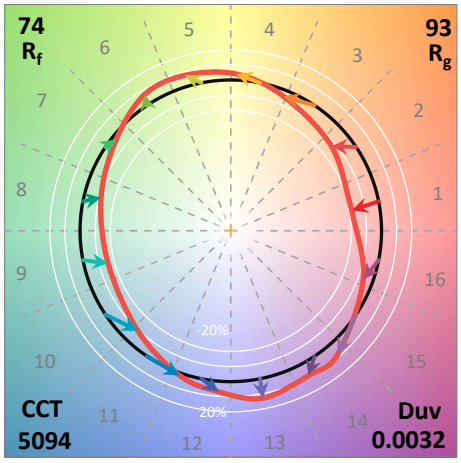
Spectral Power Distribution Comparison

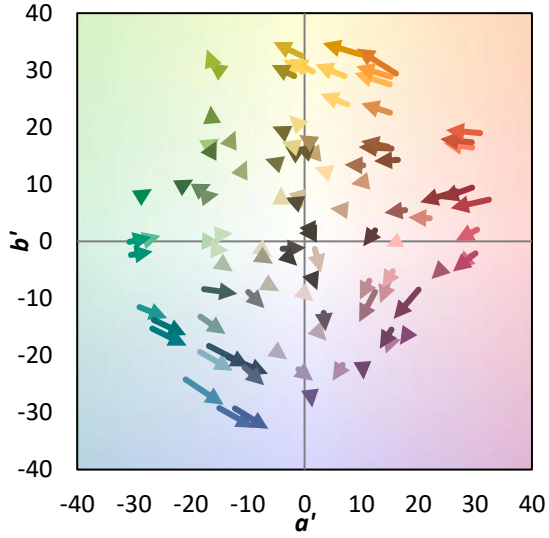


Color Vector Graphics









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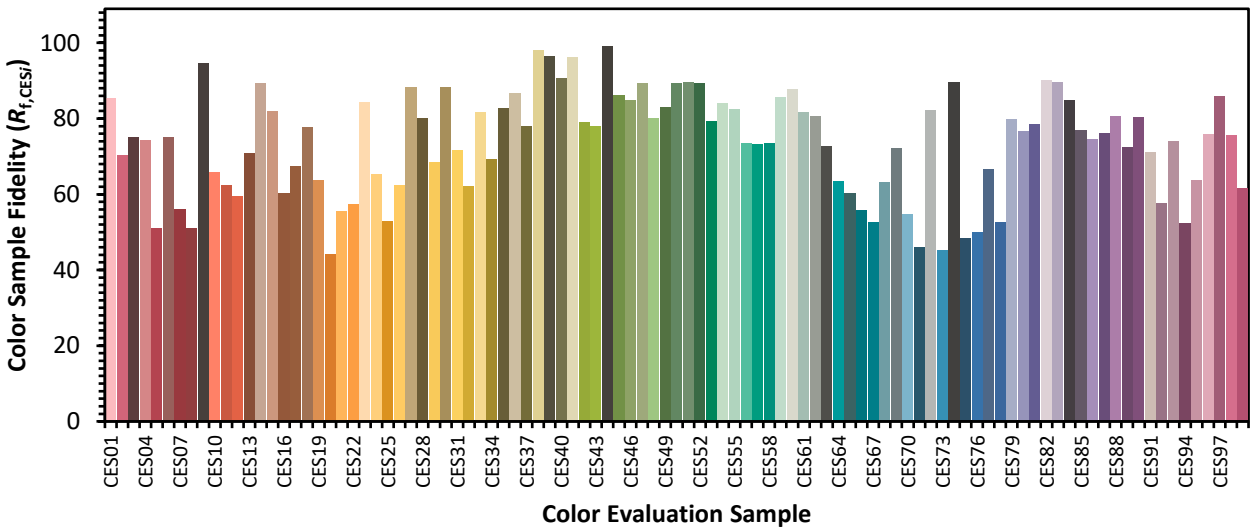
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 62	CES51 = 90	CES76 = 50
CES02 = 59	CES27 = 88	CES52 = 89	CES77 = 67
CES03 = 30	CES28 = 80	CES53 = 79	CES78 = 53
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 78
CES07 = 38	CES32 = 62	CES57 = 73	CES82 = 90
CES08 = 38	CES33 = 82	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 69	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 77
CES11 = 56	CES36 = 87	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 76
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 96	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 91	CES65 = 60	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 79	CES67 = 53	CES92 = 58
CES18 = 55	CES43 = 78	CES68 = 63	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 52
CES20 = 63	CES45 = 86	CES70 = 55	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 46	CES96 = 76
CES22 = 77	CES47 = 89	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 45	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 48	



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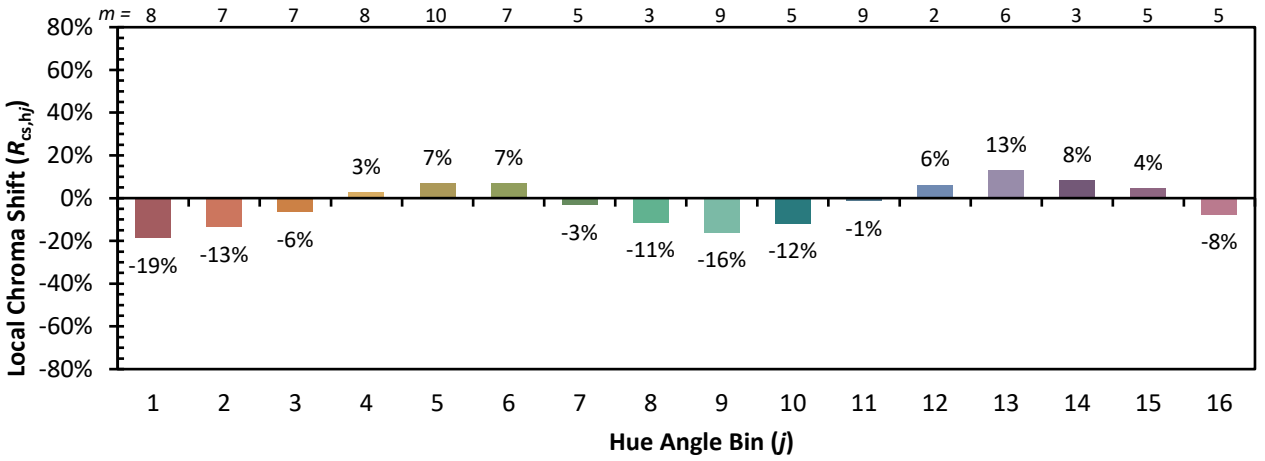
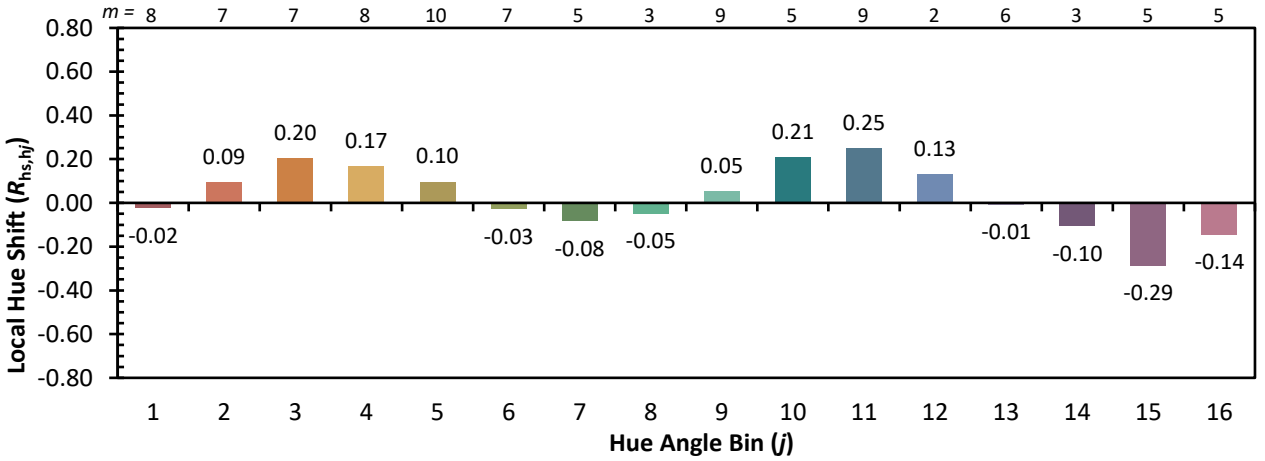
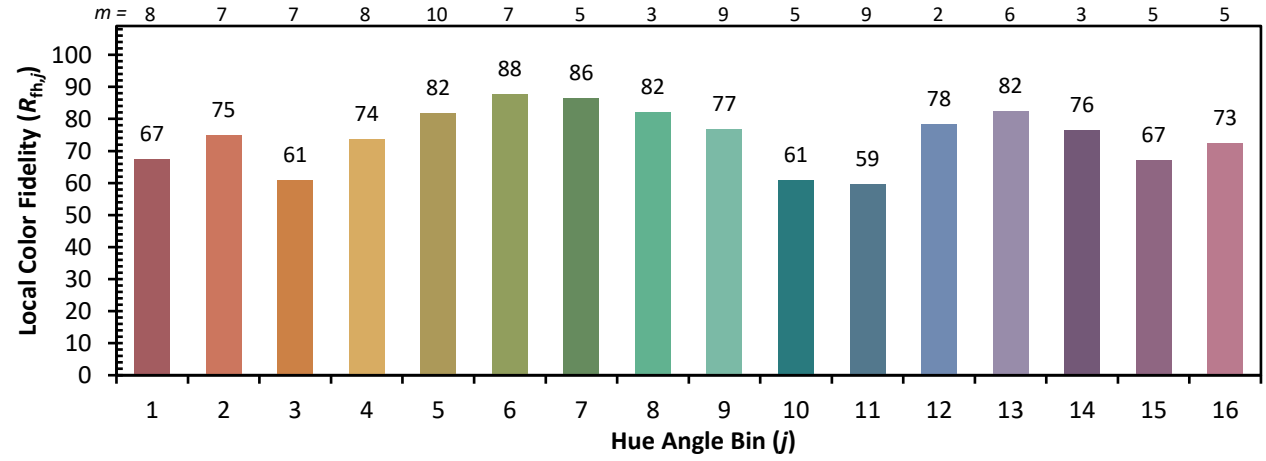
Color Rendition by Hue-Angle Bin







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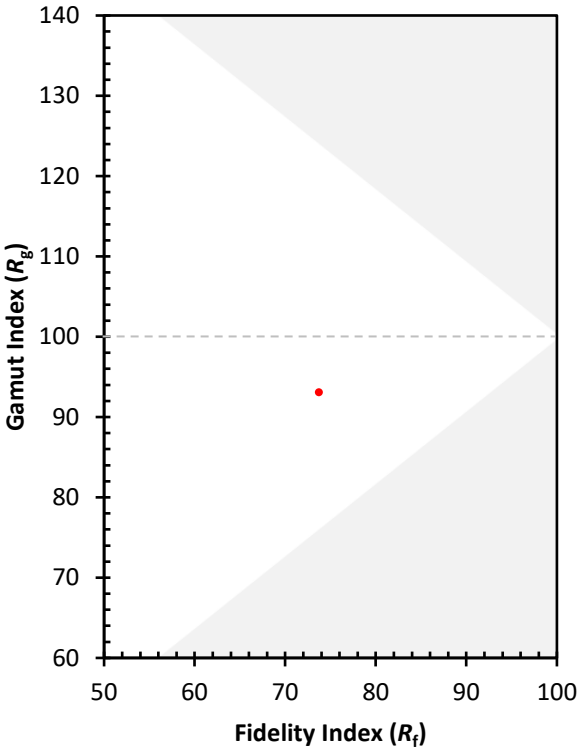
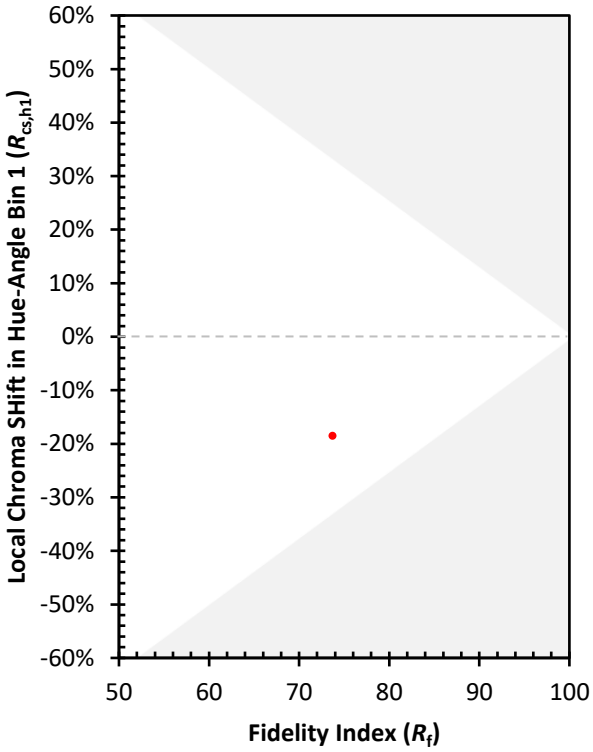
Measure Comparisons





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