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: P867614

Luminaire Tested: **MEM2-HTN-SA-100-727-U-T3**

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:	P867614
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/21/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HTN-SA-100-727-U-T3
Description:	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 100W 70CRI 2700K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12741 lumens
Efficiency:	N/A
Efficacy:	126.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	101
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.45%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P867614
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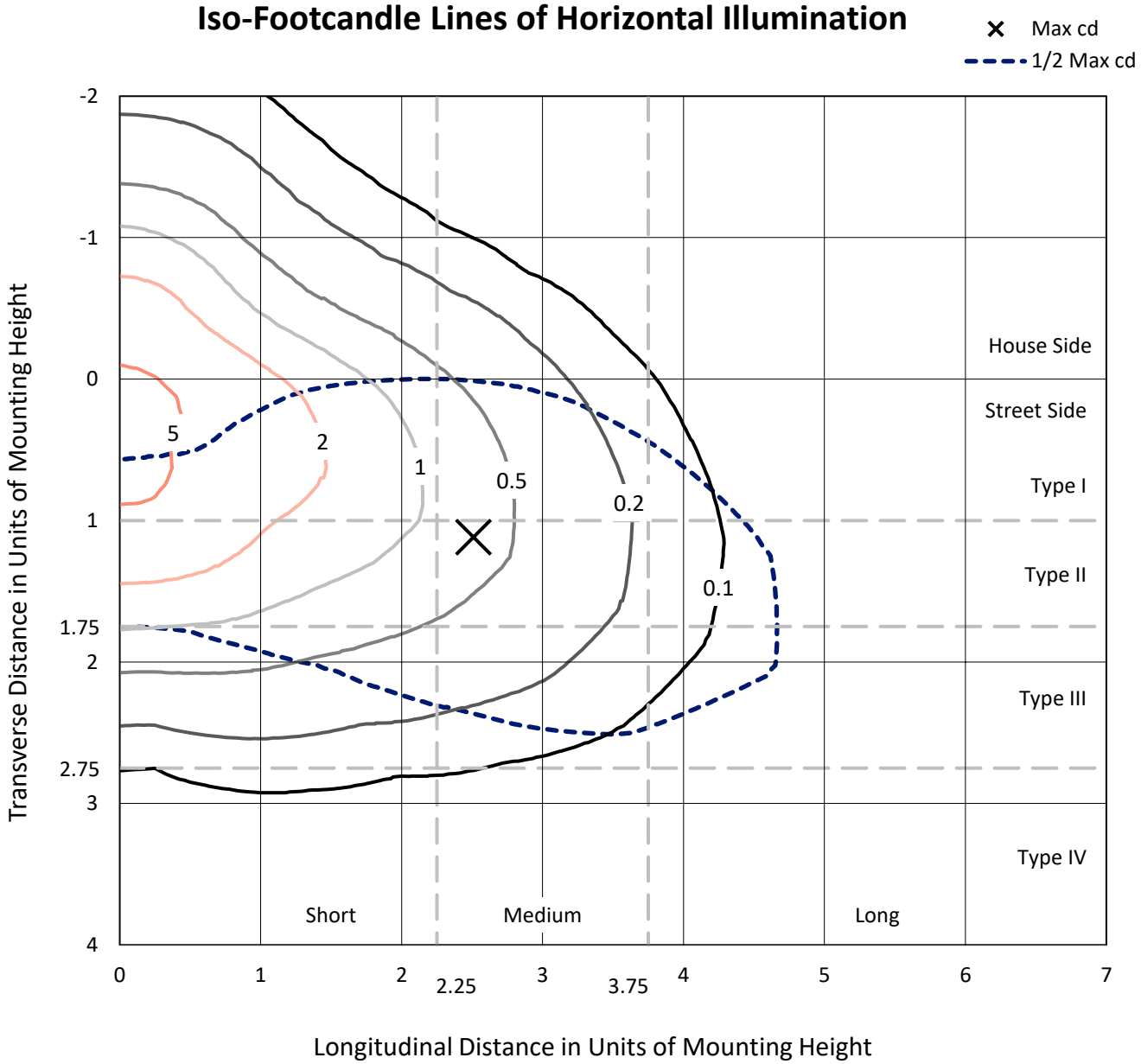
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 5.9 fc
Type III - Medium - N/A

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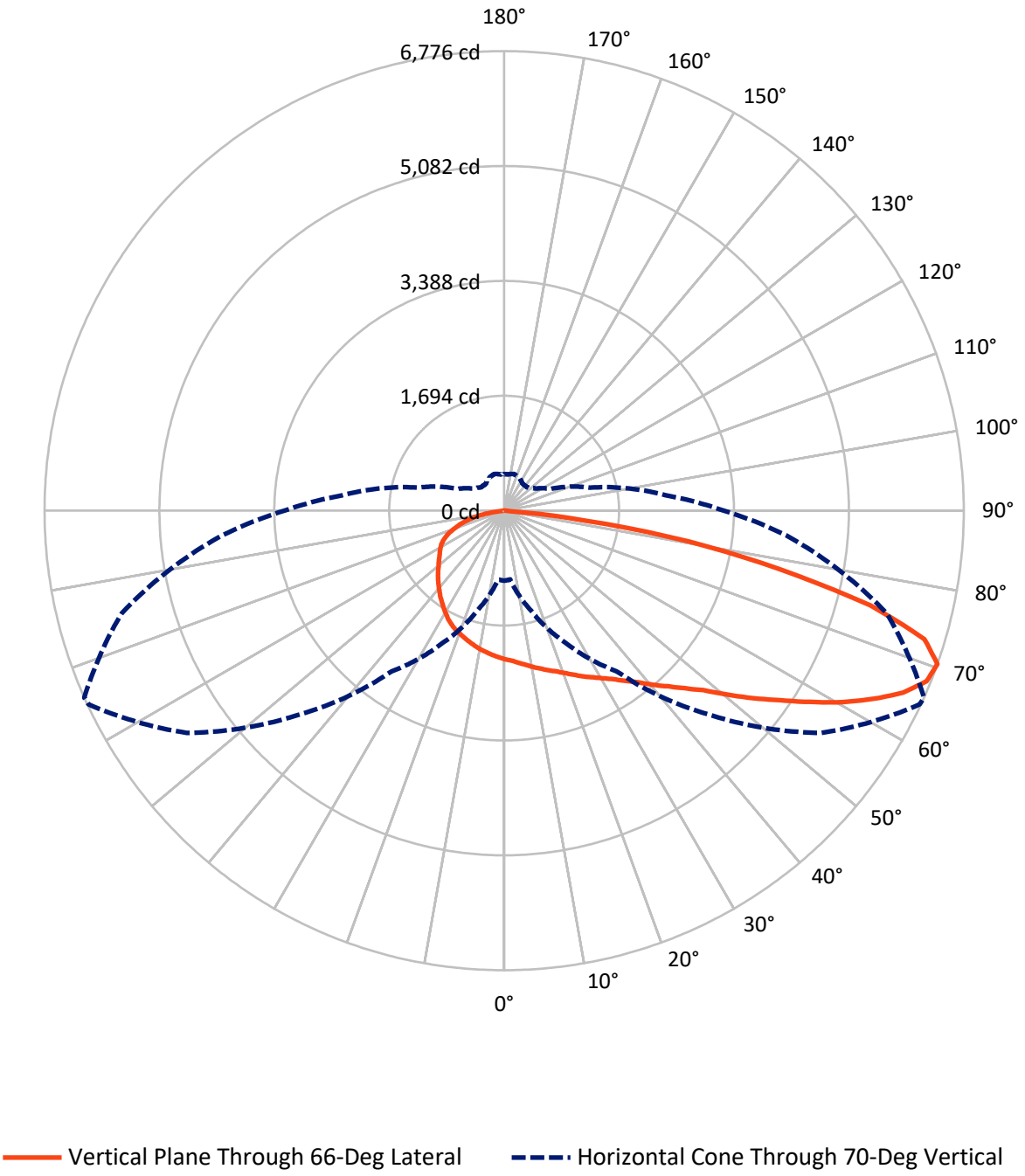
Luminous Intensity Polar Plot



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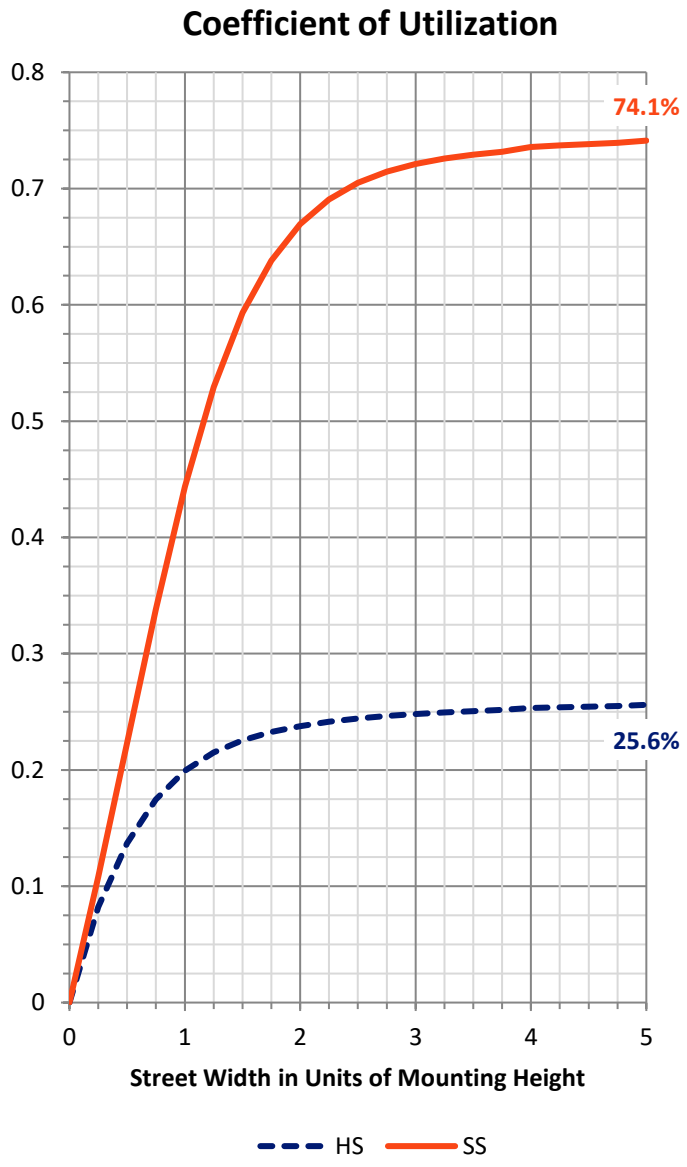
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3283.5	0.0	3283.5
	% Fixture	25.8	0.0	25.8
Street Side	Lumens	9457.5	0.0	9457.5
	% Fixture	74.2	0.0	74.2
Total	Lumens	12741.0	0.0	12741.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.8	1.6
10°-20°	624.9	4.9
20°-30°	1049.6	8.2
30°-40°	1581.3	12.4
40°-50°	2146.7	16.8
50°-60°	2551.0	20.0
60°-70°	2603.4	20.4
70°-80°	1741.3	13.7
80°-90°	233.0	1.8
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°	12741.0	100.0
0°-180°	12741.0	100.0



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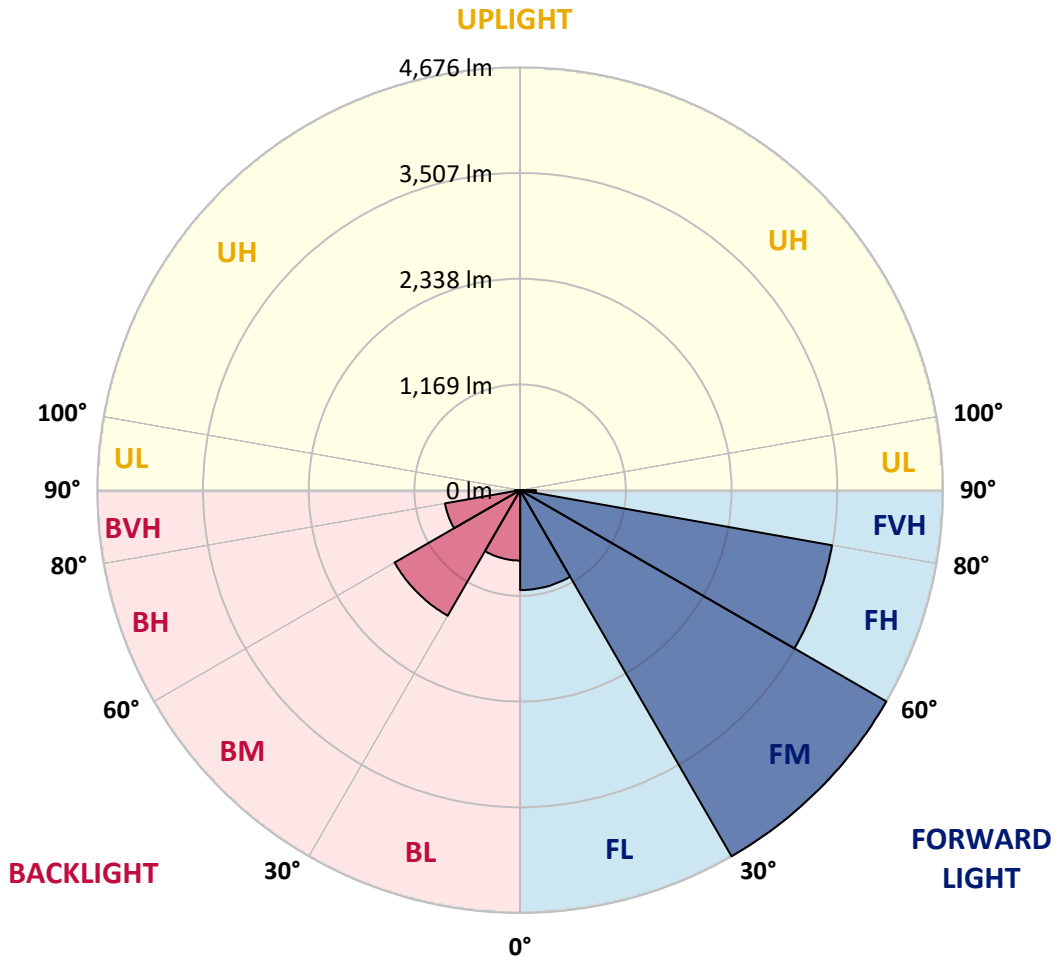
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1105.7	8.7			
FM	(30°-60°)	4675.7	36.7			
FH	(60°-80°)	3501.7	27.5			G2/5000
FVH	(80°-90°)	174.5	1.4			G2/225
BL	(0°-30°)	778.6	6.1	B2/1000		
BM	(30°-60°)	1603.3	12.6	B2/2500		
BH	(60°-80°)	843.1	6.6	B2/1000		G2/1000
BVH	(80°-90°)	58.5	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 III Medium



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REPORT NUMBER: P867614
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	*2192.2*	2192.2	2192.2
2.5°	2270.6	2260.5	2252.9	2258.0	2242.8	2247.8	2230.1	2217.5	*2214.9*	2209.9	2204.8
5°	2341.5	2341.5	2328.8	2328.8	2311.1	2308.6	2283.3	2255.4	*2255.4*	2237.7	2217.5
7.5°	2417.4	2412.4	2397.2	2394.7	2374.4	2369.3	2341.5	2298.5	*2295.9*	2263.0	2232.7
10°	2470.6	2473.1	2463.0	2463.0	2447.8	2435.2	2394.7	2349.1	*2344.0*	2301.0	2252.9
12.5°	2511.1	2516.2	2513.6	2513.6	2501.0	2501.0	2455.4	2394.7	*2389.6*	2333.9	2265.6
15°	2554.1	2551.6	2559.2	2561.7	2556.7	2549.1	2516.2	2445.3	*2442.8*	2369.3	2283.3
17.5°	2592.1	2589.6	2592.1	2604.8	2607.3	2607.3	2574.4	2501.0	*2490.9*	2412.4	2298.5
20°	2614.9	2620.0	2630.1	2645.3	2652.9	2673.1	2645.3	2566.8	*2556.7*	2457.9	2331.4
22.5°	2701.0	2685.8	2693.4	2703.5	2713.6	2741.5	2716.1	2635.1	*2627.5*	2526.3	2369.3
25°	2847.8	2847.8	2830.1	2812.3	2799.7	2812.3	2792.1	2713.6	*2708.5*	2587.0	2412.4
27.5°	3103.4	3103.4	3065.5	2999.7	2916.1	2893.3	2878.1	2797.1	*2782.0*	2652.9	2440.2
30°	3427.5	3437.6	3369.2	3257.9	3103.4	3002.2	2964.2	2875.6	*2868.0*	2718.7	2483.3
32.5°	3774.2	3794.5	3743.9	3581.9	3328.7	3131.3	3070.5	2979.4	*2961.7*	2797.1	2538.9
35°	4085.6	4105.9	4037.5	3885.6	3561.6	3318.6	3197.1	3093.3	*3083.2*	2898.4	2622.5
37.5°	4338.7	4343.8	4300.8	4116.0	3756.5	3475.5	3354.0	3230.0	*3209.8*	3019.9	2711.1
40°	4607.1	4627.3	4584.3	4356.5	3933.7	3645.1	3511.0	3394.5	*3376.8*	3146.5	2794.6
42.5°	4888.0	4885.5	4885.5	4564.0	4110.9	3786.9	3680.6	3551.5	*3541.4*	3275.6	2885.7
45°	5060.2	5070.3	5042.5	4688.1	4371.6	3933.7	3845.1	3751.5	*3733.7*	3455.3	3004.7
47.5°	5103.2	5080.4	4953.9	4784.3	4665.3	4085.6	4052.7	3997.0	*3956.5*	3652.7	3151.5
50°	5045.0	5009.5	4936.1	4827.3	4774.1	4267.9	4262.8	4290.6	*4262.8*	3893.2	3321.1
52.5°	4827.3	4822.2	4809.6	4834.9	4748.8	4412.1	4500.7	4596.9	*4591.9*	4138.8	3498.3
55°	4369.1	4402.0	4553.9	4713.4	4652.6	4510.9	4766.5	4951.3	*4931.1*	4427.3	3680.6
57.5°	3900.8	3933.7	4128.6	4508.3	4559.0	4617.2	5065.2	5353.8	*5320.9*	4741.2	3847.7
60°	3493.3	3457.8	3652.7	4199.5	4427.3	4713.4	5361.4	5761.4	*5733.5*	5055.1	4019.8
62.5°	2847.8	2883.2	3194.6	3748.9	4242.5	4774.1	5604.4	6130.9	*6113.2*	5343.7	4159.0
65°	2252.9	2204.8	2673.1	3275.6	3923.6	4753.9	5814.5	6477.7	*6465.1*	5627.2	4265.3
67.5°	1531.5	1498.6	2116.2	2804.7	3490.7	4591.9	5862.6	6710.6	*6715.7*	5794.3	4293.2
70°	*1032.8*	*1017.6*	*1521.3*	*2156.7*	*2890.8*	*4242.5*	*5713.3*	*6758.7*	*6776.4*	*5837.3*	*4169.1*
72.5°	761.9	759.4	1113.8	1539.1	2151.7	3581.9	5305.7	6444.8	*6477.7*	5533.5	3804.6
75°	599.9	607.5	794.8	1093.5	1435.3	2650.3	4462.8	5525.9	*5576.6*	4779.2	3159.1
77.5°	491.1	491.1	556.9	784.7	959.4	1645.4	3209.8	4045.1	*4146.4*	3688.2	2432.6
80°	397.4	405.0	412.6	546.8	635.4	939.1	1868.1	2698.4	*2771.8*	2569.3	1756.8
82.5°	217.7	232.9	225.3	283.5	319.0	435.4	741.7	1091.0	*1202.4*	1070.8	797.4
85°	15.2	10.1	17.7	22.8	27.8	43.0	58.2	81.0	*75.9*	108.8	55.7
87.5°	2.5	2.5	2.5	5.1	5.1	7.6	10.1	10.1	*10.1*	10.1	10.1
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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CATALOG NUMBER: MEM2-HTN-SA-100-727-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2	2192.2
2.5°	2202.3	2189.6	2169.4	2164.3	2156.7	2146.6	2136.5	2121.3	2116.2	2121.3	2126.3
5°	2204.8	2187.1	2154.2	2133.9	2113.7	2096.0	2075.7	2055.5	2042.8	2045.3	2055.5
7.5°	2212.4	2187.1	2136.5	2103.6	2070.6	2042.8	2009.9	1987.1	1971.9	1974.5	1982.1
10°	2222.5	2187.1	2126.3	2070.6	2025.1	1984.6	1951.7	1923.8	1908.6	1906.1	1908.6
12.5°	2225.1	2184.6	2103.6	2035.2	1979.5	1926.4	1890.9	1865.6	1850.4	1842.8	1847.9
15°	2232.7	2177.0	2080.8	1997.2	1928.9	1873.2	1830.2	1799.8	1789.7	1784.6	1782.1
17.5°	2242.8	2174.4	2060.5	1959.3	1878.3	1815.0	1777.0	1746.6	1734.0	1728.9	1734.0
20°	2258.0	2177.0	2037.7	1921.3	1832.7	1769.4	1726.4	1696.0	1685.9	1683.4	1680.8
22.5°	2278.2	2182.0	2020.0	1885.9	1782.1	1718.8	1675.8	1655.5	1647.9	1650.4	1650.4
25°	2298.5	2187.1	1994.7	1837.8	1728.9	1663.1	1632.7	1617.5	1622.6	1632.7	1632.7
27.5°	2316.2	2184.6	1959.3	1787.1	1665.6	1604.9	1582.1	1584.6	1597.3	1615.0	1617.5
30°	2339.0	2184.6	1921.3	1723.9	1594.8	1536.5	1531.5	1551.7	1572.0	1589.7	1589.7
32.5°	2374.4	2199.7	1890.9	1660.6	1521.3	1475.8	1498.6	1526.4	1549.2	1566.9	1572.0
35°	2435.2	2232.7	1870.7	1597.3	1450.5	1417.6	1460.6	1506.2	1521.3	1534.0	1536.5
37.5°	2493.4	2263.0	1845.4	1536.5	1377.1	1364.4	1422.6	1470.7	1473.2	1480.8	1480.8
40°	2549.1	2285.8	1812.4	1470.7	1306.2	1306.2	1374.5	1415.0	1410.0	1402.4	1404.9
42.5°	2609.8	2298.5	1774.5	1410.0	1248.0	1248.0	1303.6	1339.1	1336.6	1346.7	1354.3
45°	2683.2	2323.8	1723.9	1354.3	1187.2	1177.1	1222.6	1253.0	1291.0	1336.6	1349.2
47.5°	2784.5	2359.2	1683.4	1293.5	1136.6	1101.1	1118.9	1182.1	1225.2	1263.1	1268.2
50°	2890.8	2409.8	1647.9	1230.2	1075.8	1012.5	1027.7	1098.6	1123.9	1139.1	1146.7
52.5°	3004.7	2450.4	1617.5	1177.1	1012.5	921.4	941.7	1010.0	1027.7	1040.4	1042.9
55°	3103.4	2483.3	1579.6	1126.5	944.2	835.3	860.7	926.5	944.2	959.4	959.4
57.5°	3207.2	2513.6	1554.3	1083.4	870.8	764.5	782.2	848.0	873.3	878.4	886.0
60°	3293.3	2541.5	1531.5	1042.9	802.4	701.2	713.8	772.1	802.4	805.0	810.0
62.5°	3354.0	2559.2	1518.8	992.3	734.1	637.9	648.0	706.2	741.7	749.3	751.8
65°	3392.0	2569.3	1496.0	926.5	675.9	584.7	584.7	643.0	678.4	696.1	701.2
67.5°	3374.3	2551.6	1435.3	850.5	622.7	531.6	529.1	587.3	617.7	627.8	630.3
70°	*3237.6*	*2447.8*	*1311.2*	*756.9*	*567.0*	*483.5*	*478.4*	*531.6*	*559.4*	*536.6*	*539.2*
72.5°	2959.2	2212.4	1141.6	663.2	508.8	437.9	432.9	478.4	481.0	481.0	478.4
75°	2493.4	1807.4	911.3	564.5	448.0	389.8	392.4	427.8	430.3	443.0	435.4
77.5°	1911.2	1339.1	711.3	450.6	379.7	346.8	359.5	372.1	389.8	407.5	389.8
80°	1389.7	923.9	493.6	336.7	293.6	293.6	298.7	311.4	336.7	354.4	336.7
82.5°	594.9	407.5	227.8	167.1	144.3	141.8	144.3	144.3	177.2	182.3	159.5
85°	45.6	38.0	27.8	27.8	22.8	12.7	12.7	10.1	7.6	7.6	7.6
87.5°	10.1	7.6	7.6	7.6	5.1	5.1	5.1	5.1	5.1	5.1	5.1
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: SP1-2407-157-3

Test Date: 08/07/2024

Luminaire Tested: MEM2-HTN-SA-30-727-U-5WQ-2

Data in this report applies to families of products including MEM2-HTN-SA-30-727-U-5WQ-2

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

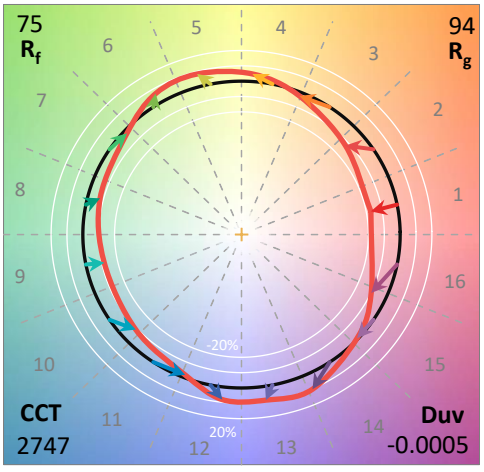
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-157-3
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-30-727-U-5WQ-2**
Description:	Epic Modern Light Square 30W 5WQ Optic and Flare Trim

Spectral Parameters

CCT (K):	2747	CRI (Ra):	71.7		
CIE u':	0.2606	R1:	68.1	R9:	-35.3
CIE v':	0.5257	R2:	83.9	R10:	64.2
Duv:	-0.0005	R3:	94.7	R11:	61.7
CIE x:	0.4552	R4:	66.3	R12:	53.9
CIE y:	0.4082	R5:	67.4	R13:	71.2
CIE z:	0.1366	R6:	78.7	R14:	97.6
Peak Wavelength (nm):	597	R7:	75.0	R15:	59.3
Dominant Wavelength (nm):	584	R8:	39.4		
Purity:	59.16856				

Rf:	75.5
Rg:	93.6



Test Conditions

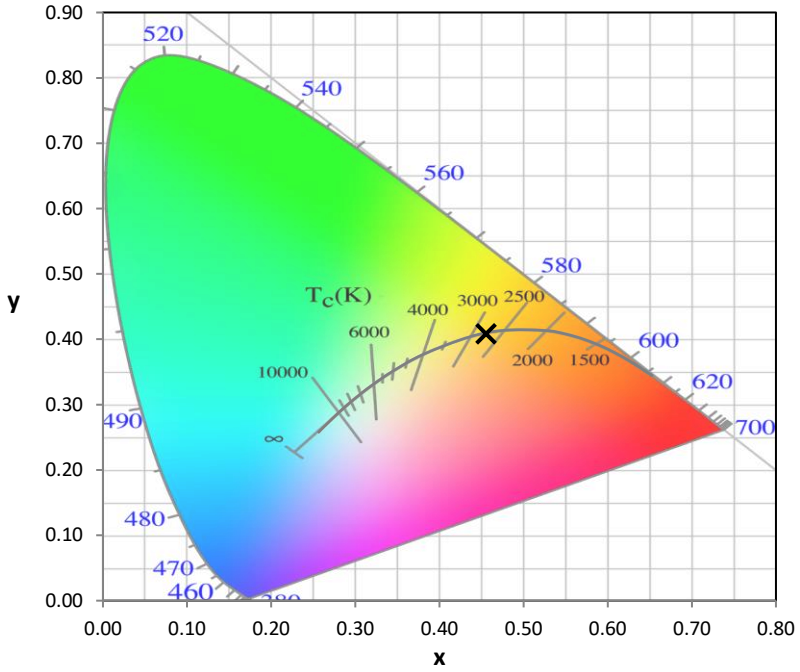
Stabilization Time:	22M
Operation Time:	1H 22M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2407-157-3

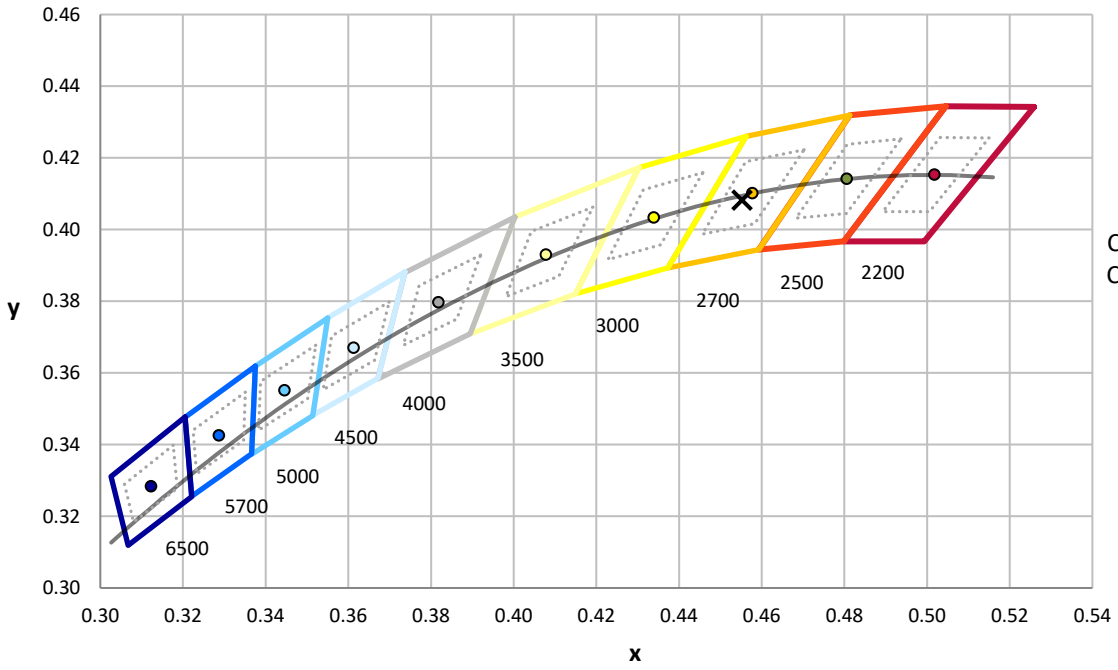
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-157-3

CIE 1931 Chromaticity Diagram



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

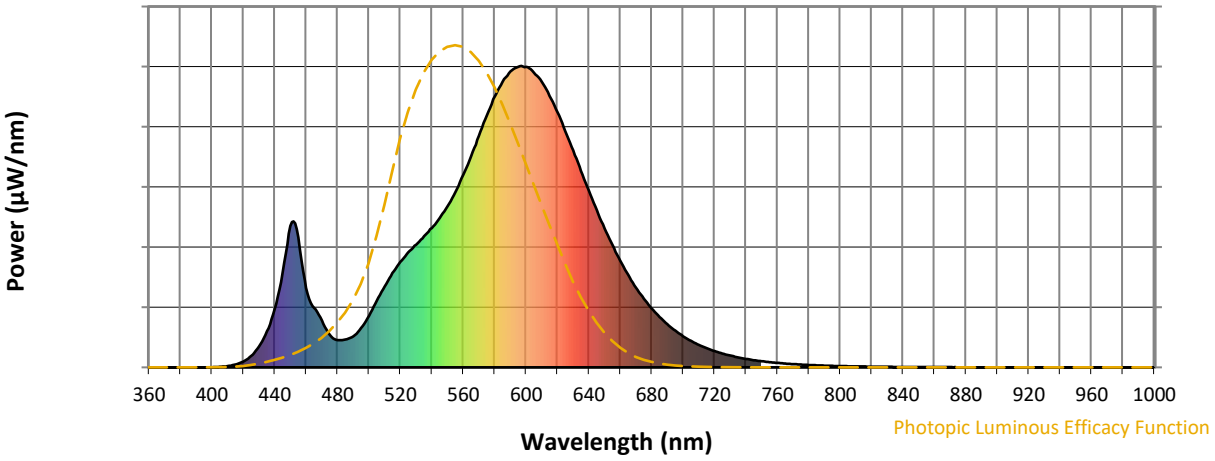


CCT = 2747K
CIE x = 0.4552
CIE y = 0.4082
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-157-3

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	103	NR	620	846	NR	750	20	NR	880	0	NR
365	0	NR	495	130	NR	625	784	NR	755	17	NR	885	1	NR
370	0	NR	500	171	NR	630	720	NR	760	15	NR	890	0	NR
375	0	NR	505	221	NR	635	652	NR	765	13	NR	895	0	NR
380	0	NR	510	268	NR	640	587	NR	770	11	NR	900	0	NR
385	0	NR	515	313	NR	645	521	NR	775	9	NR	905	0	NR
390	0	NR	520	350	NR	650	461	NR	780	8	NR	910	0	NR
395	0	NR	525	381	NR	655	406	NR	785	7	NR	915	0	NR
400	0	NR	530	407	NR	660	353	NR	790	6	NR	920	0	NR
405	2	NR	535	435	NR	665	307	NR	795	5	NR	925	0	NR
410	4	NR	540	462	NR	670	264	NR	800	4	NR	930	0	NR
415	9	NR	545	496	NR	675	227	NR	805	4	NR	935	0	NR
420	20	NR	550	534	NR	680	196	NR	810	3	NR	940	0	NR
425	38	NR	555	582	NR	685	167	NR	815	3	NR	945	0	NR
430	69	NR	560	638	NR	690	144	NR	820	2	NR	950	0	NR
435	120	NR	565	700	NR	695	122	NR	825	2	NR	955	0	NR
440	193	NR	570	767	NR	700	103	NR	830	2	NR	960	0	NR
445	316	NR	575	836	NR	705	88	NR	835	2	NR	965	0	NR
450	469	NR	580	898	NR	710	74	NR	840	1	NR	970	0	NR
455	431	NR	585	947	NR	715	63	NR	845	1	NR	975	0	NR
460	264	NR	590	982	NR	720	54	NR	850	1	NR	980	0	NR
465	197	NR	595	997	NR	725	46	NR	855	1	NR	985	0	NR
470	155	NR	600	997	NR	730	39	NR	860	1	NR	990	0	NR
475	108	NR	605	978	NR	735	33	NR	865	1	NR	995	0	NR
480	90	NR	610	947	NR	740	28	NR	870	1	NR	1000	0	NR
485	92	NR	615	900	NR	745	24	NR	875	1	NR			

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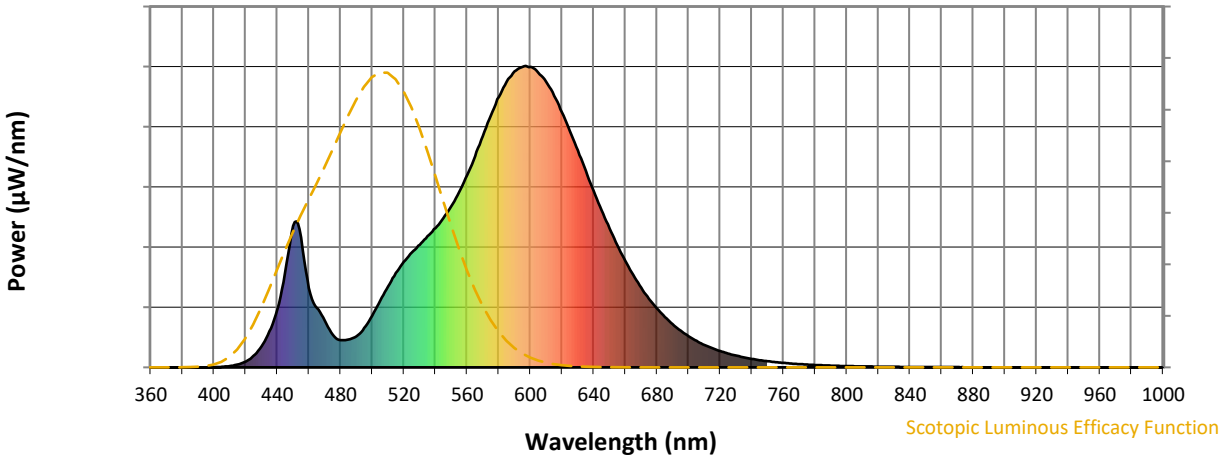
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.13**

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	103	NR	620	846	NR	750	20	NR	880	0	NR
365	0	NR	495	130	NR	625	784	NR	755	17	NR	885	1	NR
370	0	NR	500	171	NR	630	720	NR	760	15	NR	890	0	NR
375	0	NR	505	221	NR	635	652	NR	765	13	NR	895	0	NR
380	0	NR	510	268	NR	640	587	NR	770	11	NR	900	0	NR
385	0	NR	515	313	NR	645	521	NR	775	9	NR	905	0	NR
390	0	NR	520	350	NR	650	461	NR	780	8	NR	910	0	NR
395	0	NR	525	381	NR	655	406	NR	785	7	NR	915	0	NR
400	0	NR	530	407	NR	660	353	NR	790	6	NR	920	0	NR
405	2	NR	535	435	NR	665	307	NR	795	5	NR	925	0	NR
410	4	NR	540	462	NR	670	264	NR	800	4	NR	930	0	NR
415	9	NR	545	496	NR	675	227	NR	805	4	NR	935	0	NR
420	20	NR	550	534	NR	680	196	NR	810	3	NR	940	0	NR
425	38	NR	555	582	NR	685	167	NR	815	3	NR	945	0	NR
430	69	NR	560	638	NR	690	144	NR	820	2	NR	950	0	NR
435	120	NR	565	700	NR	695	122	NR	825	2	NR	955	0	NR
440	193	NR	570	767	NR	700	103	NR	830	2	NR	960	0	NR
445	316	NR	575	836	NR	705	88	NR	835	2	NR	965	0	NR
450	469	NR	580	898	NR	710	74	NR	840	1	NR	970	0	NR
455	431	NR	585	947	NR	715	63	NR	845	1	NR	975	0	NR
460	264	NR	590	982	NR	720	54	NR	850	1	NR	980	0	NR
465	197	NR	595	997	NR	725	46	NR	855	1	NR	985	0	NR
470	155	NR	600	997	NR	730	39	NR	860	1	NR	990	0	NR
475	108	NR	605	978	NR	735	33	NR	865	1	NR	995	0	NR
480	90	NR	610	947	NR	740	28	NR	870	1	NR	1000	0	NR
485	92	NR	615	900	NR	745	24	NR	875	1	NR			

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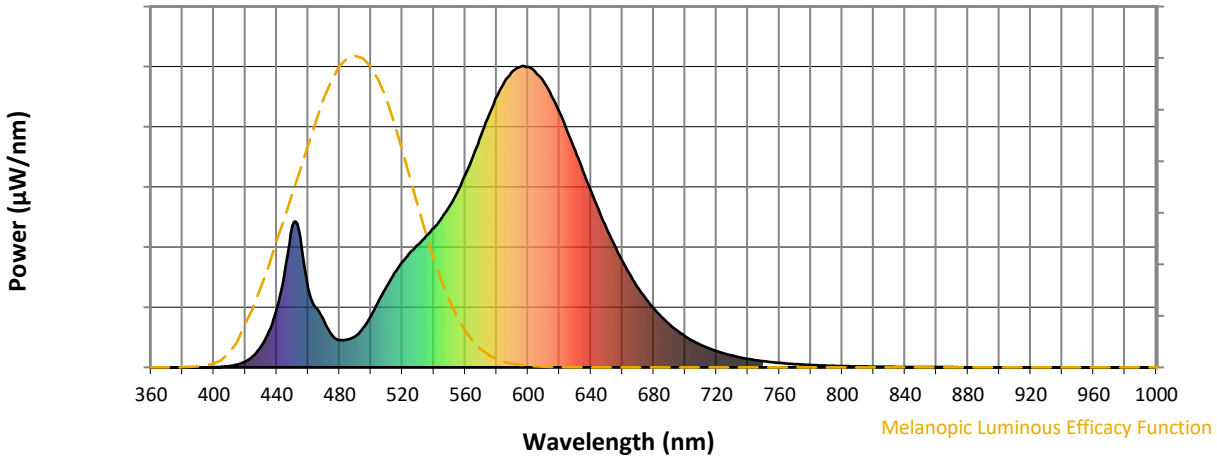
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.04**

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	103	NR	620	846	NR	750	20	NR	880	0	NR
365	0	NR	495	130	NR	625	784	NR	755	17	NR	885	1	NR
370	0	NR	500	171	NR	630	720	NR	760	15	NR	890	0	NR
375	0	NR	505	221	NR	635	652	NR	765	13	NR	895	0	NR
380	0	NR	510	268	NR	640	587	NR	770	11	NR	900	0	NR
385	0	NR	515	313	NR	645	521	NR	775	9	NR	905	0	NR
390	0	NR	520	350	NR	650	461	NR	780	8	NR	910	0	NR
395	0	NR	525	381	NR	655	406	NR	785	7	NR	915	0	NR
400	0	NR	530	407	NR	660	353	NR	790	6	NR	920	0	NR
405	2	NR	535	435	NR	665	307	NR	795	5	NR	925	0	NR
410	4	NR	540	462	NR	670	264	NR	800	4	NR	930	0	NR
415	9	NR	545	496	NR	675	227	NR	805	4	NR	935	0	NR
420	20	NR	550	534	NR	680	196	NR	810	3	NR	940	0	NR
425	38	NR	555	582	NR	685	167	NR	815	3	NR	945	0	NR
430	69	NR	560	638	NR	690	144	NR	820	2	NR	950	0	NR
435	120	NR	565	700	NR	695	122	NR	825	2	NR	955	0	NR
440	193	NR	570	767	NR	700	103	NR	830	2	NR	960	0	NR
445	316	NR	575	836	NR	705	88	NR	835	2	NR	965	0	NR
450	469	NR	580	898	NR	710	74	NR	840	1	NR	970	0	NR
455	431	NR	585	947	NR	715	63	NR	845	1	NR	975	0	NR
460	264	NR	590	982	NR	720	54	NR	850	1	NR	980	0	NR
465	197	NR	595	997	NR	725	46	NR	855	1	NR	985	0	NR
470	155	NR	600	997	NR	730	39	NR	860	1	NR	990	0	NR
475	108	NR	605	978	NR	735	33	NR	865	1	NR	995	0	NR
480	90	NR	610	947	NR	740	28	NR	870	1	NR	1000	0	NR
485	92	NR	615	900	NR	745	24	NR	875	1	NR			

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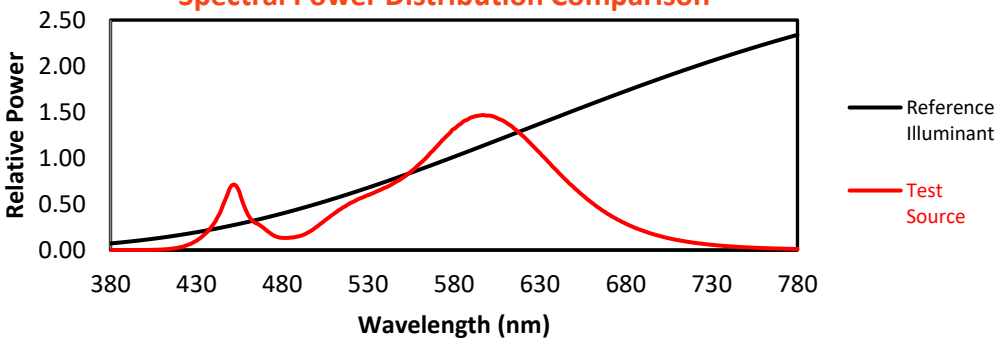
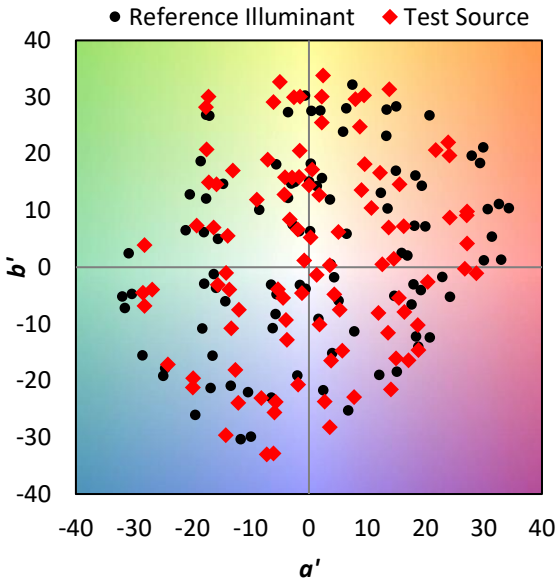
Summary

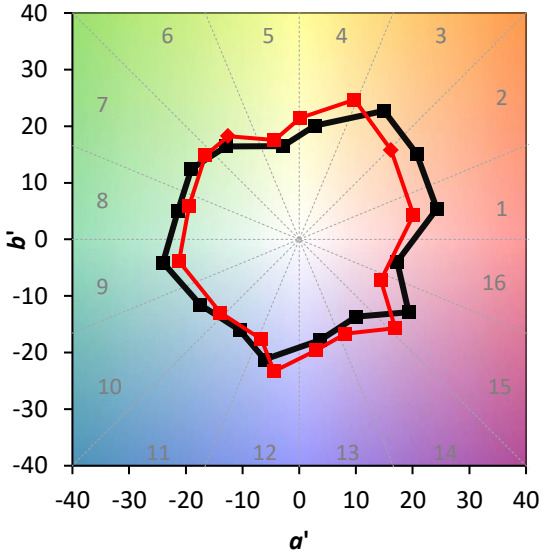
R_f = 75.5
R_g = 93.6
CIE R_a = 71.7
R_9 = -35.3

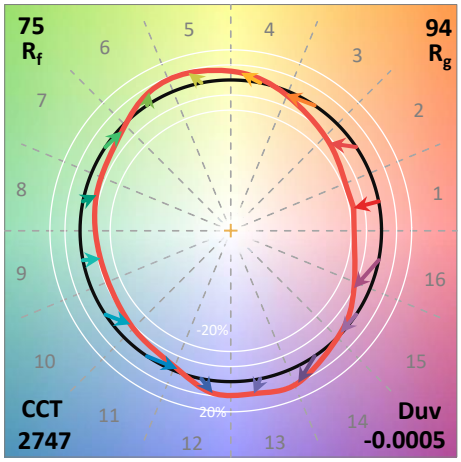
Spectral Power Distribution Comparison

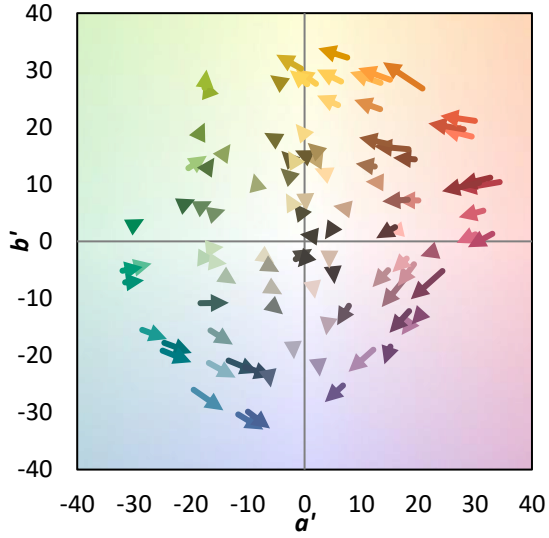


Color Vector Graphics









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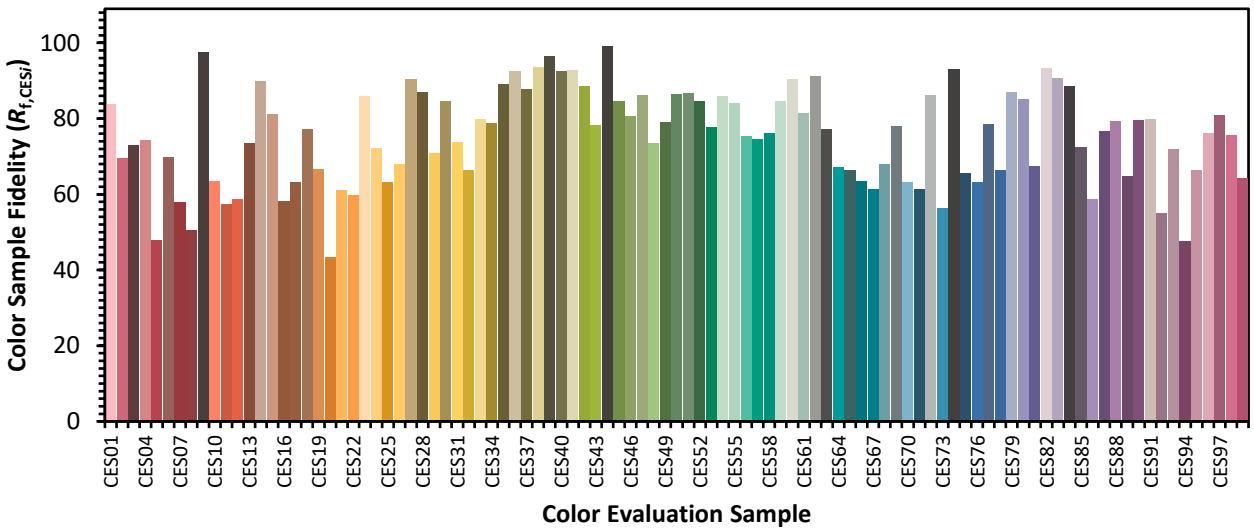
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 63
CES02 = 63	CES27 = 90	CES52 = 85	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 66
CES04 = 71	CES29 = 71	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 85	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 66	CES57 = 75	CES82 = 93
CES08 = 41	CES33 = 80	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 72
CES11 = 60	CES36 = 93	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 93	CES63 = 77	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 67	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 66	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 63	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 78	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 61	CES96 = 76
CES22 = 80	CES47 = 86	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 56	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



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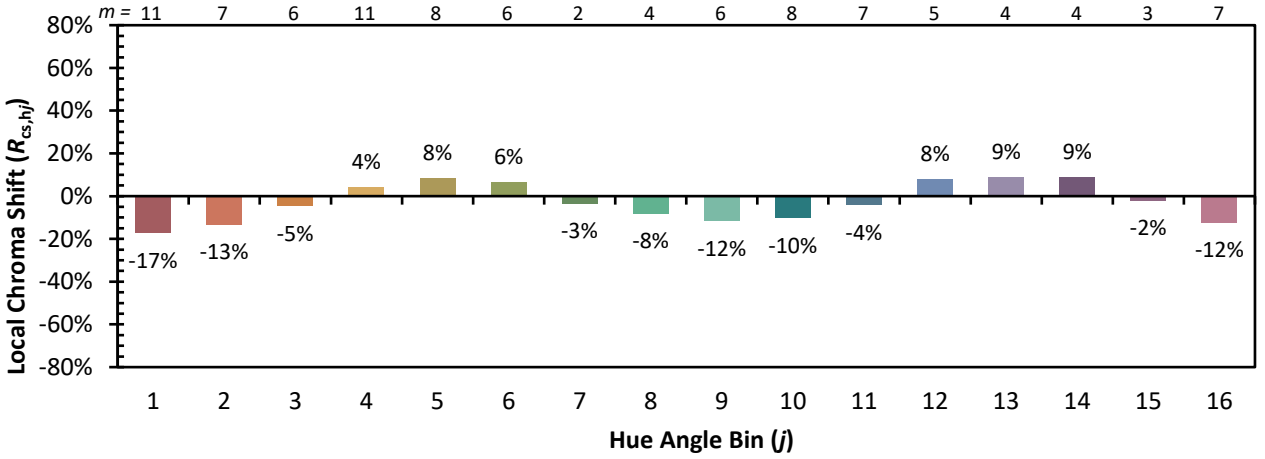
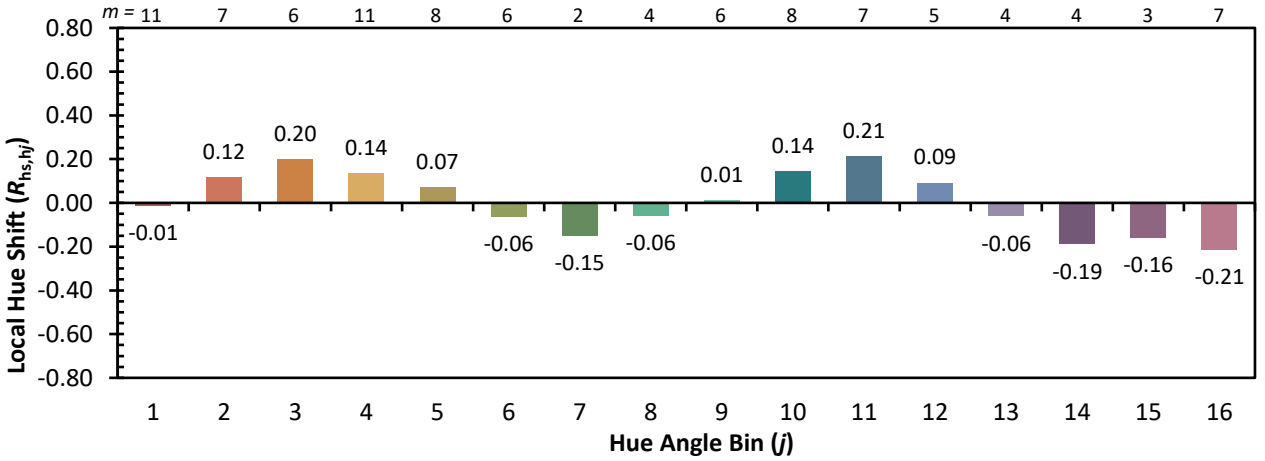
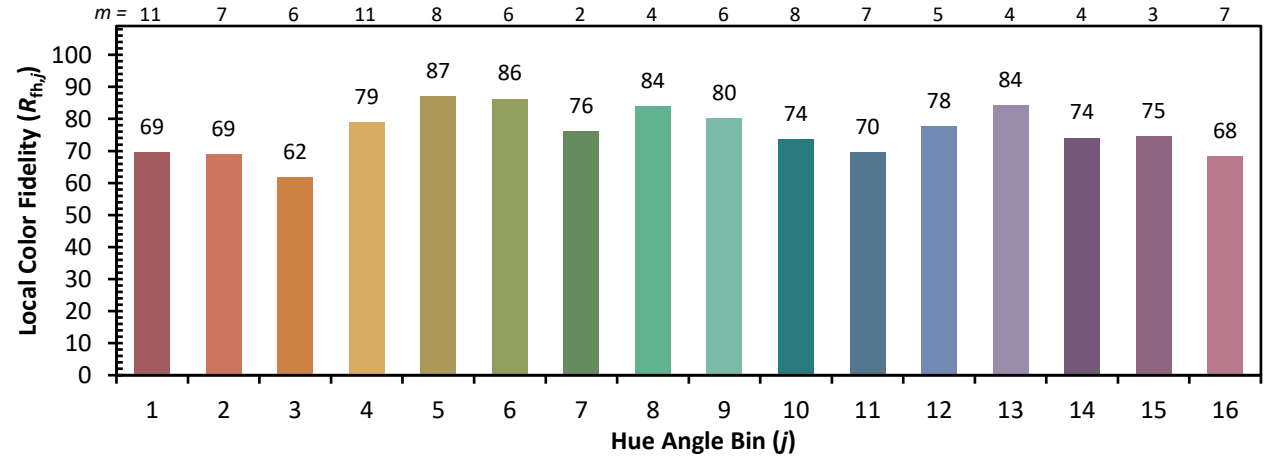
Color Rendition by Hue-Angle Bin







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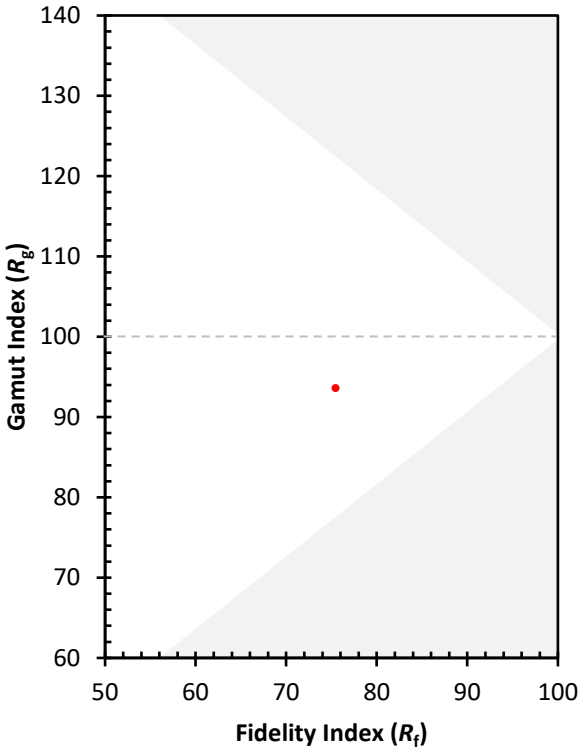
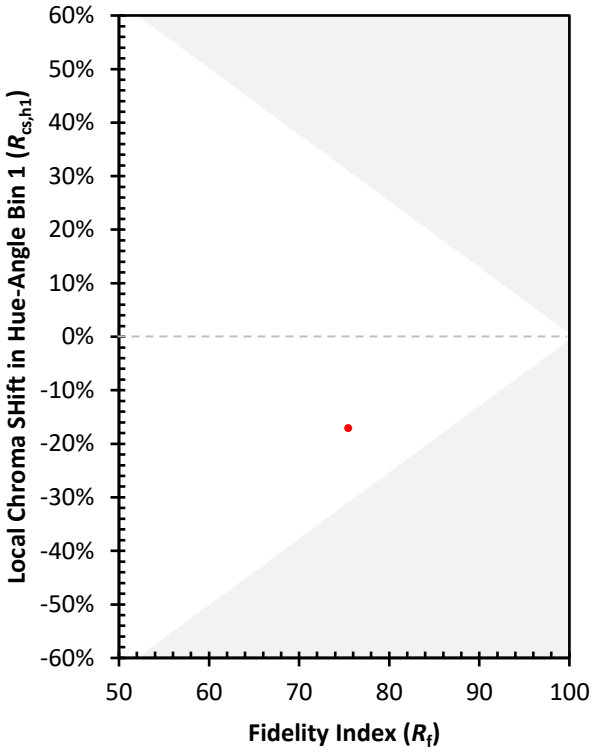
Measure Comparisons





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