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: P867901

Luminaire Tested: **MEM2-HSN-SA-100-730-U-T2R**

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:	P867901
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/21/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HSN-SA-100-730-U-T2R
Description:	EPIC MODERN SHORT HOUSING DISCRETE LED ARRAYS 100W 70CRI 3000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13043.5 lumens
Efficiency:	N/A
Efficacy:	129.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

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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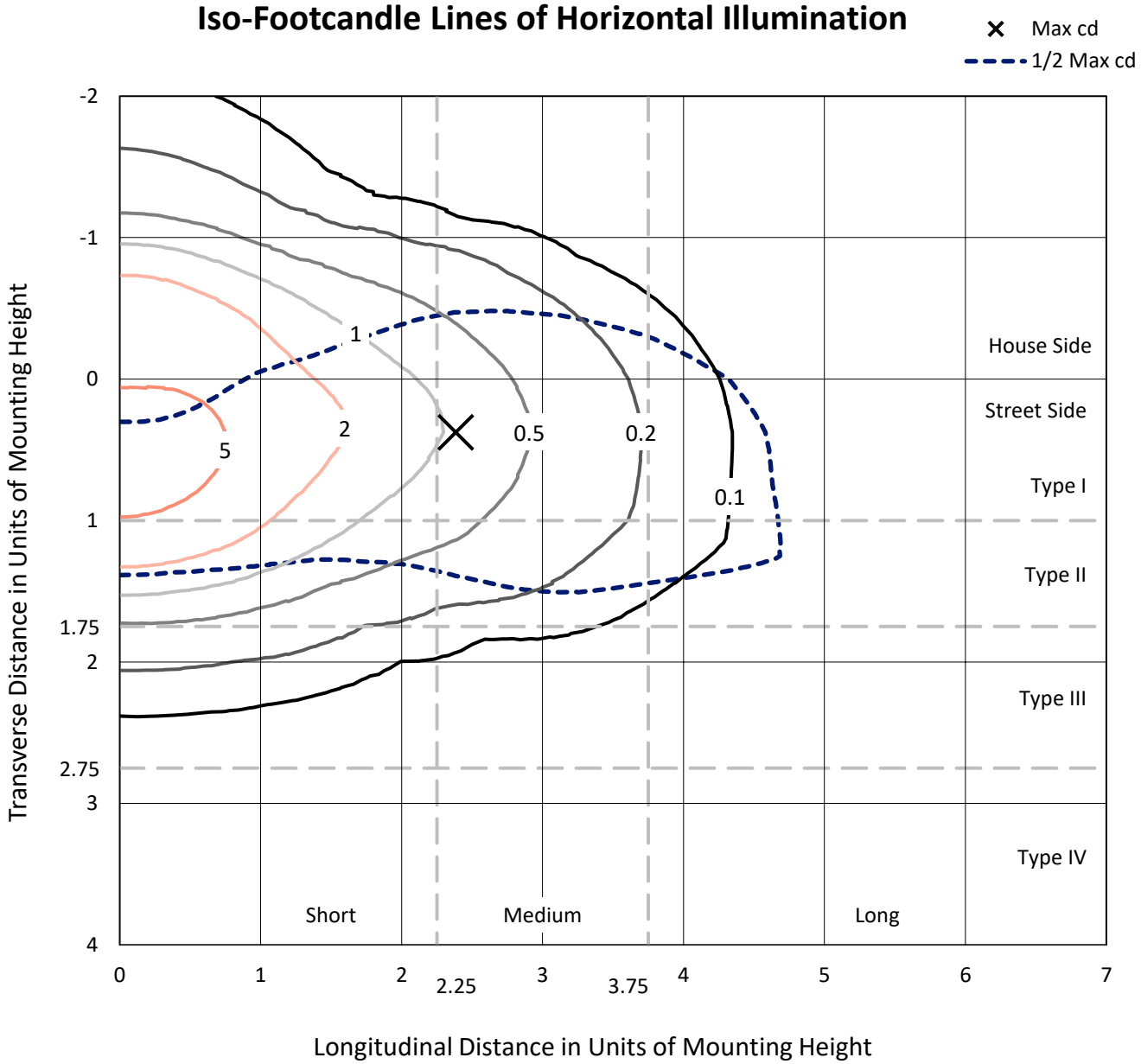
REPORT NUMBER: P867901
CATALOG NUMBER: MEM2-HSN-SA-100-730-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.3 fc
Type II - Medium - N/A

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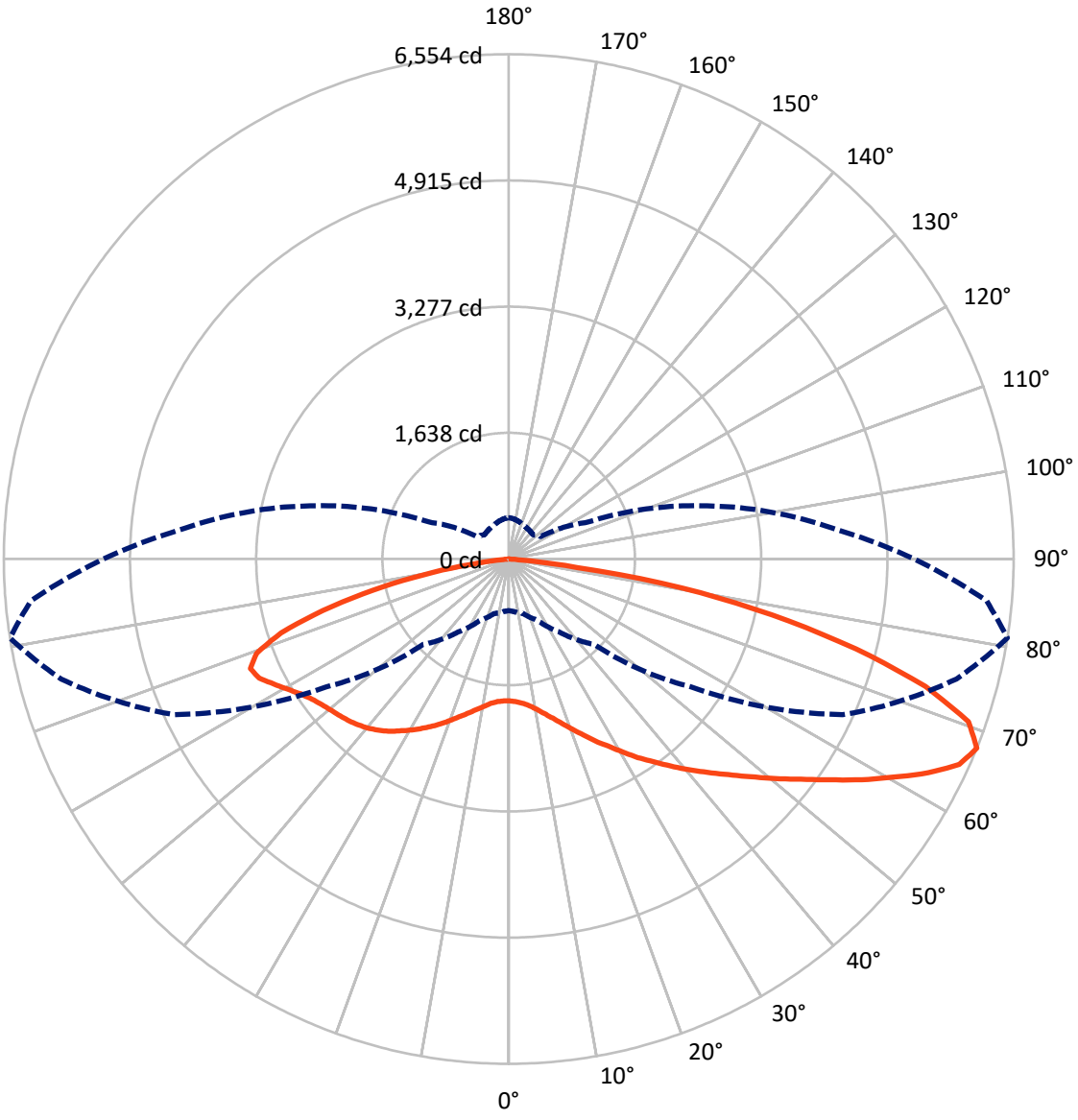
Luminous Intensity Polar Plot



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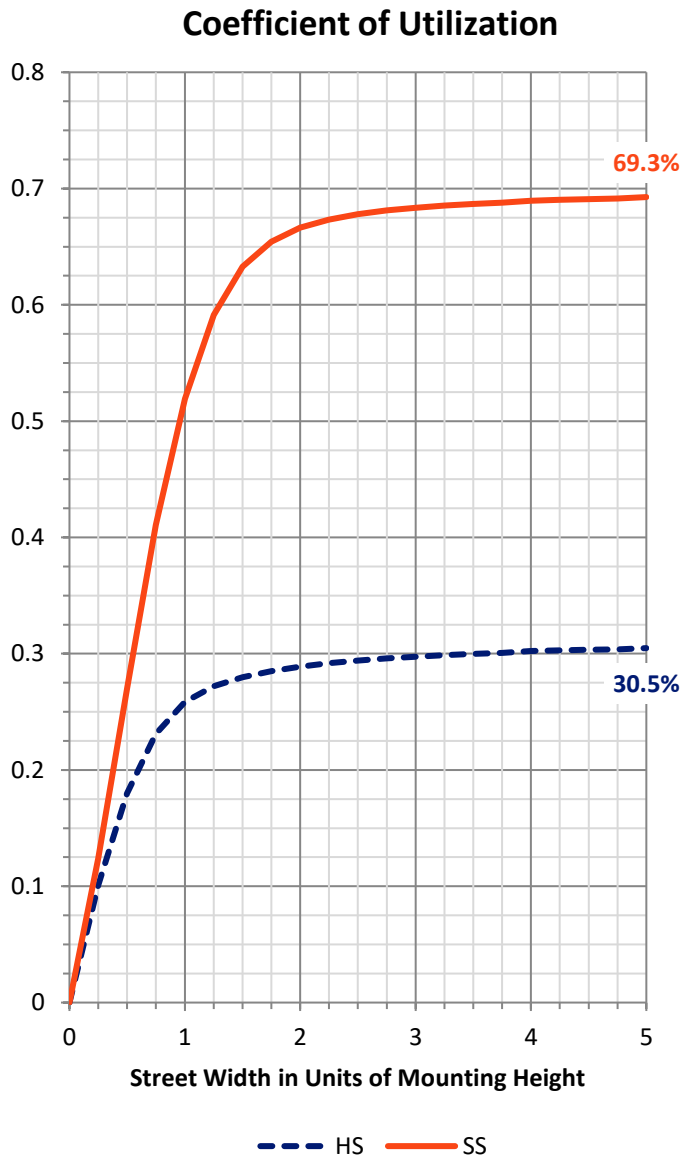
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3996.8	0.0	3996.8
	% Fixture	30.6	0.0	30.6
Street Side	Lumens	9046.6	0.0	9046.6
	% Fixture	69.4	0.0	69.4
Total	Lumens	13043.5	0.0	13043.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.8	1.4
10°-20°	666.6	5.1
20°-30°	1327.7	10.2
30°-40°	2085.8	16.0
40°-50°	2586.8	19.8
50°-60°	2528.7	19.4
60°-70°	2126.5	16.3
70°-80°	1351.2	10.4
80°-90°	182.4	1.4
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°	13043.5	100.0
0°-180°	13043.5	100.0



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REPORT NUMBER: P867901
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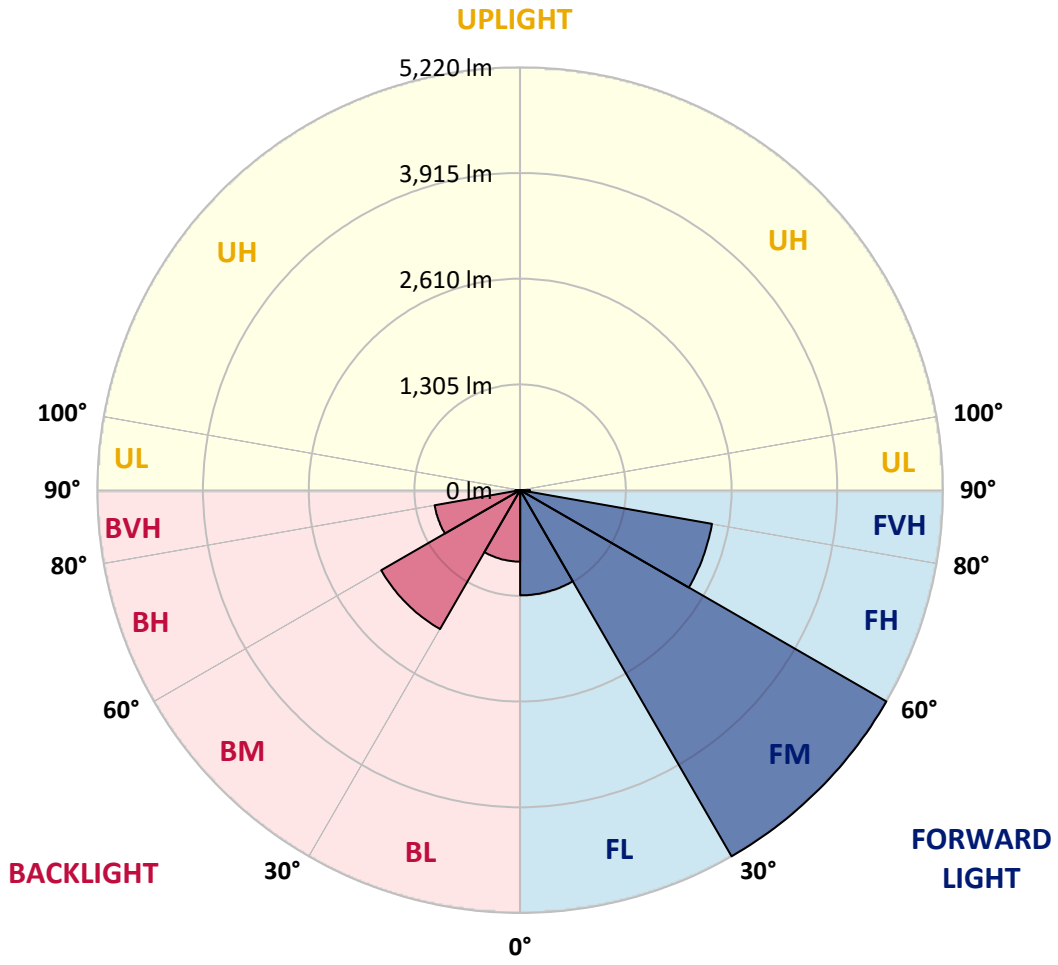
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1299.2	10.0			
FM	(30°-60°)	5220.4	40.0			
FH	(60°-80°)	2404.8	18.4			G2/5000
FVH	(80°-90°)	122.2	0.9			G2/225
BL	(0°-30°)	882.8	6.8	B2/1000		
BM	(30°-60°)	1980.9	15.2	B2/2500		
BH	(60°-80°)	1072.9	8.2	B3/2500		G3/2500
BVH	(80°-90°)	60.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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REPORT NUMBER: P867901
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	*1841.5*	1841.5
2.5°	1906.2	1903.6	1903.6	1882.9	1882.9	1877.7	1880.3	1864.8	1857.0	*1854.4*	1851.9
5°	2043.2	2043.2	2027.7	2014.8	1988.9	1965.7	1945.0	1913.9	1890.6	*1880.3*	1872.5
7.5°	2250.2	2234.6	2229.5	2190.7	2136.4	2089.8	2048.4	1981.2	1937.2	*1921.7*	1911.3
10°	2503.6	2482.9	2444.1	2400.2	2330.3	2260.5	2177.7	2087.2	2014.8	*1983.8*	1970.8
12.5°	2764.8	2736.4	2682.1	2640.7	2550.2	2444.1	2327.7	2203.6	2102.7	*2058.8*	2035.5
15°	3051.9	3036.4	2971.8	2889.0	2782.9	2632.9	2488.1	2335.5	2206.2	*2144.1*	2105.3
17.5°	3362.3	3339.0	3269.2	3168.3	3018.3	2839.9	2671.7	2475.2	2325.2	*2245.0*	2201.0
20°	3667.5	3662.3	3558.9	3463.2	3287.3	3064.9	2847.6	2640.7	2451.9	*2358.8*	2301.9
22.5°	4008.9	3975.3	3884.7	3750.3	3540.8	3336.4	3080.4	2811.4	2589.0	*2480.3*	2415.7
25°	4363.2	4360.6	4249.4	4083.9	3838.2	3579.6	3302.8	3005.4	2751.9	*2620.0*	2534.7
27.5°	4802.9	4769.3	4627.0	4438.2	4153.7	3856.3	3535.6	3207.1	2907.1	*2749.3*	2645.9
30°	5188.3	5177.9	5017.6	4805.5	4487.4	4133.0	3786.5	3434.7	3090.7	*2904.5*	2790.7
32.5°	5501.2	5488.3	5351.2	5139.1	4797.7	4430.5	4032.2	3649.4	3274.4	*3072.6*	2922.6
35°	5762.5	5741.8	5599.5	5387.4	5092.6	4720.2	4296.0	3874.4	3476.1	*3230.4*	3088.1
37.5°	5865.9	5847.8	5731.4	5555.6	5284.0	4942.6	4533.9	4122.7	3677.8	*3408.9*	3248.5
40°	5827.1	5816.8	5734.0	5612.5	5405.5	5121.0	4761.5	4381.3	3905.4	*3597.7*	3406.3
42.5°	5643.5	5643.5	5591.8	5529.7	5426.2	5221.9	4963.3	4629.6	4125.3	*3786.5*	3556.3
45°	5384.9	5374.5	5356.4	5333.1	5317.6	5240.0	5095.2	4844.3	4368.4	*3993.4*	3737.3
47.5°	5040.9	5048.6	5035.7	5046.0	5110.7	5159.8	5152.1	5043.4	4616.7	*4221.0*	3915.8
50°	4500.3	4536.5	4577.9	4699.5	4831.4	4968.4	5095.2	5185.7	4909.0	*4479.6*	4122.7
52.5°	3830.4	3846.0	3957.2	4244.3	4526.2	4707.2	4947.8	5250.4	5167.6	*4748.6*	4365.8
55°	3005.4	3033.8	3201.9	3608.0	4109.8	4456.3	4738.3	5221.9	5431.4	*5056.4*	4650.3
57.5°	2154.5	2172.6	2441.5	2860.5	3514.9	4096.8	4500.3	5108.1	5643.5	*5405.5*	4942.6
60°	1531.1	1564.8	1738.1	2146.7	2775.2	3600.2	4283.1	4942.6	5840.1	*5746.9*	5325.4
62.5°	1130.2	1148.4	1269.9	1567.3	2084.6	2922.6	4001.1	4821.0	5969.4	*6114.2*	5708.2
65°	850.9	858.7	941.4	1145.8	1559.6	2154.5	3556.3	4797.7	6041.8	*6427.2*	6047.0
67.5°	*669.9*	*682.8*	*734.5*	*874.2*	*1161.3*	*1567.3*	*2896.8*	*4782.2*	*6015.9*	*6553.9*	*6225.4*
70°	563.8	566.4	605.2	682.8	869.0	1127.7	2164.8	4549.5	5871.1	*6331.5*	6059.9
72.5°	488.8	488.8	506.9	569.0	698.3	853.5	1474.2	3993.4	5503.8	*5656.4*	5485.7
75°	395.7	393.1	424.2	483.7	561.2	656.9	990.6	3023.5	4733.1	*4655.5*	4515.8
77.5°	344.0	341.4	367.3	419.0	463.0	525.0	677.6	1963.1	3724.4	*3491.6*	3403.7
80°	294.8	287.1	307.8	356.9	380.2	408.6	468.1	1143.2	2433.8	*2289.0*	2182.9
82.5°	222.4	204.3	199.2	240.5	256.1	237.9	237.9	400.9	884.5	*892.3*	825.1
85°	18.1	20.7	25.9	31.0	44.0	49.1	51.7	85.4	131.9	*126.7*	129.3
87.5°	2.6	2.6	2.6	5.2	5.2	7.8	7.8	7.8	10.3	*10.3*	10.3
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: P867901
CATALOG NUMBER: MEM2-HSN-SA-100-730-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5	1841.5
2.5°	1849.3	1844.1	1838.9	1838.9	1838.9	1833.7	1831.2	1831.2	1828.6	1820.8	1818.2
5°	1867.4	1859.6	1851.9	1851.9	1851.9	1849.3	1846.7	1849.3	1846.7	1838.9	1836.3
7.5°	1903.6	1893.2	1882.9	1882.9	1888.1	1885.5	1885.5	1888.1	1885.5	1877.7	1875.1
10°	1955.3	1939.8	1934.6	1934.6	1939.8	1937.2	1934.6	1934.6	1932.0	1919.1	1924.3
12.5°	2012.2	1996.7	1991.5	1994.1	1991.5	1986.3	1988.9	1981.2	1978.6	1957.9	1955.3
15°	2084.6	2066.5	2056.2	2058.8	2051.0	2040.7	2030.3	2025.1	2014.8	1996.7	1991.5
17.5°	2167.4	2138.9	2126.0	2126.0	2110.5	2089.8	2074.3	2058.8	2043.2	2022.6	2017.4
20°	2247.6	2221.7	2201.0	2195.8	2164.8	2131.2	2102.7	2076.9	2058.8	2035.5	2030.3
22.5°	2348.4	2312.2	2283.8	2260.5	2213.9	2159.6	2115.7	2079.5	2053.6	2027.7	2020.0
25°	2454.5	2402.8	2356.2	2312.2	2247.6	2170.0	2107.9	2056.2	2022.6	1994.1	1988.9
27.5°	2560.5	2493.3	2426.0	2356.2	2257.9	2157.0	2069.1	2007.0	1963.1	1926.9	1921.7
30°	2674.3	2591.6	2485.5	2384.6	2255.3	2123.4	2012.2	1924.3	1872.5	1831.2	1826.0
32.5°	2790.7	2687.3	2542.4	2405.3	2242.4	2074.3	1929.4	1836.3	1771.7	1725.1	1712.2
35°	2920.0	2793.3	2594.1	2413.1	2206.2	2001.9	1841.5	1725.1	1650.1	1603.6	1593.2
37.5°	3051.9	2891.6	2627.8	2407.9	2154.5	1916.5	1727.7	1608.7	1520.8	1456.1	1445.8
40°	3186.4	2982.1	2648.5	2382.1	2082.0	1810.5	1621.7	1476.8	1350.1	1290.6	1262.2
42.5°	3310.6	3064.9	2658.8	2345.9	2001.9	1699.3	1482.0	1293.2	1174.2	1109.6	1122.5
45°	3439.9	3142.5	2661.4	2301.9	1895.8	1557.0	1306.1	1130.2	1011.3	962.1	957.0
47.5°	3551.1	3207.1	2656.2	2239.8	1776.8	1394.1	1122.5	954.4	866.4	819.9	814.7
50°	3698.5	3279.5	2648.5	2167.4	1621.7	1207.8	951.8	814.7	734.5	698.3	695.7
52.5°	3846.0	3359.7	2643.3	2066.5	1458.7	1032.0	796.6	688.0	633.7	615.6	610.4
55°	4039.9	3458.0	2645.9	1950.1	1272.5	850.9	675.0	600.0	571.6	563.8	563.8
57.5°	4262.4	3584.7	2661.4	1820.8	1078.5	703.5	587.1	553.5	550.9	556.1	558.7
60°	4531.3	3752.8	2692.4	1686.3	900.1	594.9	535.4	532.8	540.6	558.7	563.8
62.5°	4834.0	3936.5	2731.2	1510.4	729.4	522.4	506.9	517.3	527.6	548.3	550.9
65°	5100.3	4143.4	2754.5	1342.3	610.4	481.1	488.8	494.0	519.9	548.3	548.3
67.5°	*5260.7*	*4293.4*	*2666.6*	*1130.2*	*509.5*	*444.9*	*460.4*	*475.9*	*504.3*	*530.2*	*535.4*
70°	5206.4	4244.3	2366.5	876.8	431.9	411.2	429.3	452.6	481.1	512.1	527.6
72.5°	4828.8	3895.1	1921.7	638.8	375.0	380.2	403.5	434.5	460.4	494.0	514.7
75°	4037.3	3251.1	1386.3	460.4	328.5	349.2	385.4	411.2	429.3	437.1	439.7
77.5°	3064.9	2389.8	944.0	344.0	284.5	313.0	351.7	380.2	385.4	390.5	395.7
80°	2001.9	1520.8	532.8	240.5	217.3	256.1	287.1	318.1	307.8	323.3	328.5
82.5°	845.7	664.7	243.1	119.0	100.9	108.6	116.4	103.5	95.7	95.7	82.8
85°	111.2	85.4	36.2	15.5	12.9	7.8	7.8	7.8	5.2	5.2	5.2
87.5°	10.3	10.3	7.8	7.8	5.2	5.2	2.6	5.2	2.6	2.6	2.6
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: SP1-2407-157-4

Test Date: 08/07/2024

Luminaire Tested: MEM2-HTN-SA-30-730-U-5WQ-2

Data in this report applies to families of products including MEM2-HTN-SA-30-730-U-5WQ-2

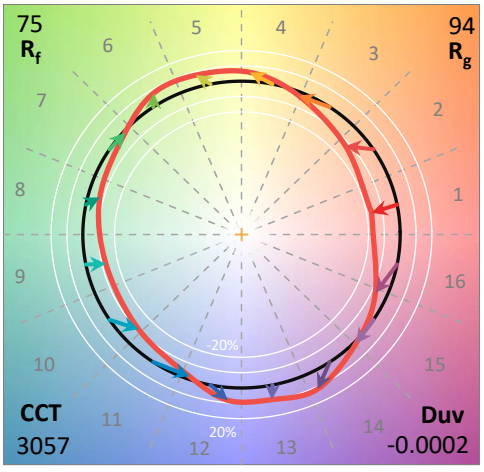
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-157-4
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-30-730-U-5WQ-2**
Description:	Epic Modern Light Square 30W 5WQ Optic and Flare Trim

Spectral Parameters

CCT (K):	3057	CRI (Ra):	71.7		
CIE u':	0.2487	R1:	68.1	R9:	-34.8
CIE v':	0.5199	R2:	82.0	R10:	58.5
Duv:	-0.0002	R3:	93.5	R11:	62.5
CIE x:	0.4326	R4:	67.5	R12:	47.5
CIE y:	0.4020	R5:	67.2	R13:	70.7
CIE z:	0.1654	R6:	74.9	R14:	96.4
Peak Wavelength (nm):	593	R7:	77.4	R15:	60.0
Dominant Wavelength (nm):	582	R8:	43.1		
Purity:	50.50735				
Rf:	74.6				
Rg:	94				



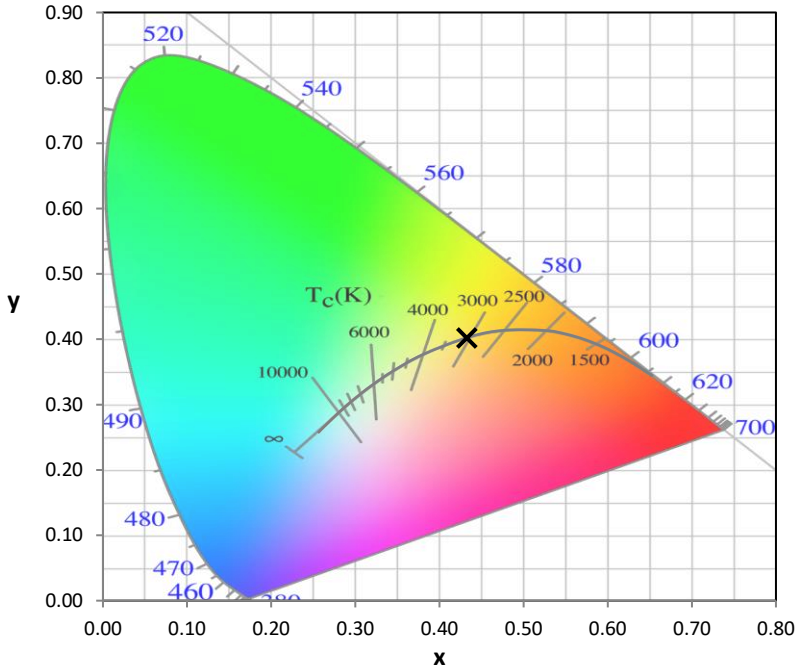
Test Conditions

Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	24.2

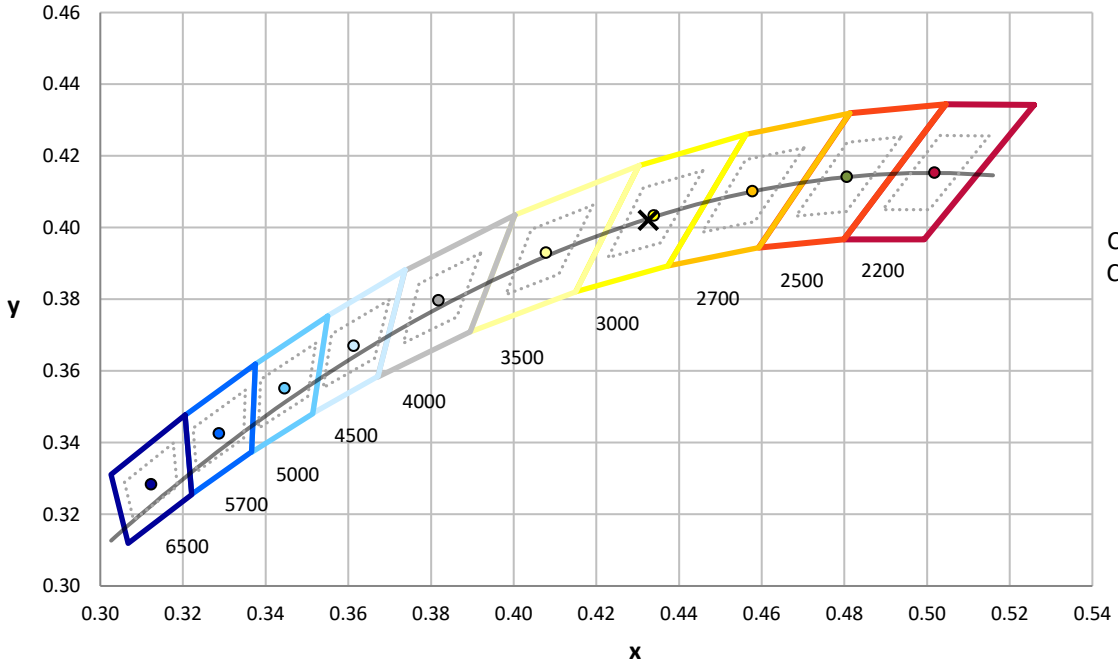
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-157-4

CIE 1931 Chromaticity Diagram



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

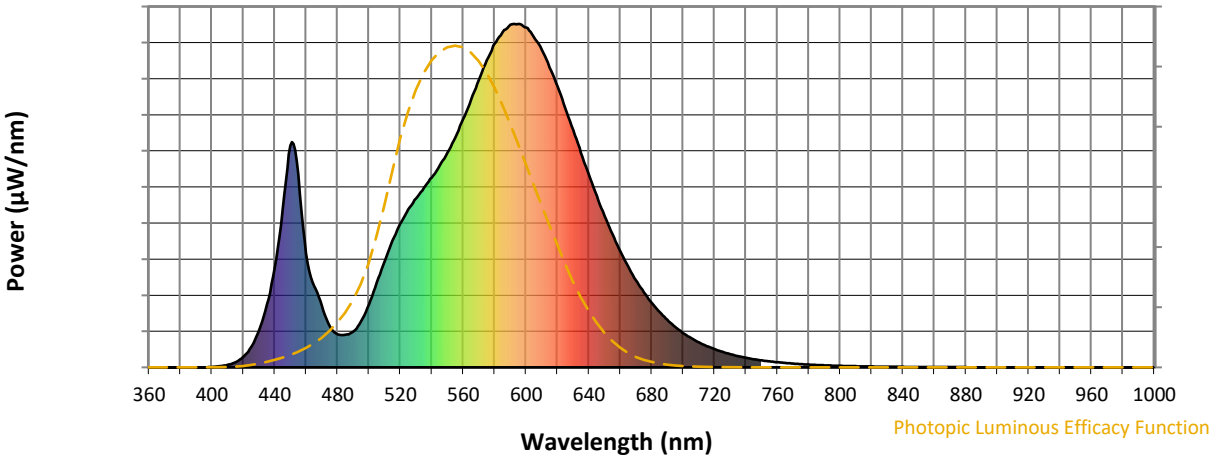


CCT = 3057K
CIE x = 0.4326
CIE y = 0.4020
Duv = -0.0002

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-157-4

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	104	NR	620	818	NR	750	20	NR	880	1	NR
365	0	NR	495	135	NR	625	755	NR	755	17	NR	885	0	NR
370	0	NR	500	184	NR	630	691	NR	760	15	NR	890	0	NR
375	0	NR	505	247	NR	635	625	NR	765	13	NR	895	0	NR
380	0	NR	510	309	NR	640	561	NR	770	11	NR	900	0	NR
385	0	NR	515	369	NR	645	499	NR	775	9	NR	905	0	NR
390	0	NR	520	419	NR	650	441	NR	780	8	NR	910	0	NR
395	0	NR	525	460	NR	655	388	NR	785	7	NR	915	0	NR
400	1	NR	530	492	NR	660	338	NR	790	6	NR	920	0	NR
405	3	NR	535	524	NR	665	294	NR	795	5	NR	925	0	NR
410	7	NR	540	553	NR	670	253	NR	800	4	NR	930	0	NR
415	15	NR	545	588	NR	675	218	NR	805	4	NR	935	0	NR
420	31	NR	550	625	NR	680	188	NR	810	3	NR	940	0	NR
425	60	NR	555	670	NR	685	161	NR	815	3	NR	945	0	NR
430	107	NR	560	723	NR	690	139	NR	820	3	NR	950	0	NR
435	183	NR	565	780	NR	695	118	NR	825	2	NR	955	0	NR
440	289	NR	570	837	NR	700	100	NR	830	2	NR	960	0	NR
445	460	NR	575	894	NR	705	85	NR	835	2	NR	965	0	NR
450	646	NR	580	942	NR	710	73	NR	840	1	NR	970	0	NR
455	561	NR	585	976	NR	715	62	NR	845	1	NR	975	0	NR
460	331	NR	590	998	NR	720	53	NR	850	1	NR	980	0	NR
465	238	NR	595	1000	NR	725	45	NR	855	1	NR	985	0	NR
470	178	NR	600	990	NR	730	39	NR	860	1	NR	990	0	NR
475	120	NR	605	962	NR	735	33	NR	865	1	NR	995	0	NR
480	96	NR	610	925	NR	740	28	NR	870	1	NR	1000	0	NR
485	95	NR	615	873	NR	745	24	NR	875	1	NR			

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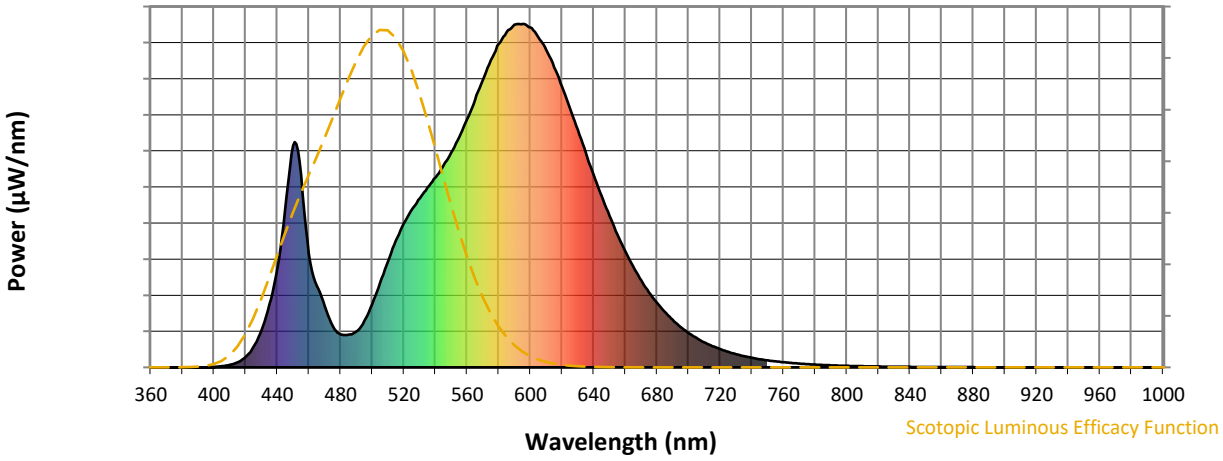
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.23**

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	104	NR	620	818	NR	750	20	NR	880	1	NR
365	0	NR	495	135	NR	625	755	NR	755	17	NR	885	0	NR
370	0	NR	500	184	NR	630	691	NR	760	15	NR	890	0	NR
375	0	NR	505	247	NR	635	625	NR	765	13	NR	895	0	NR
380	0	NR	510	309	NR	640	561	NR	770	11	NR	900	0	NR
385	0	NR	515	369	NR	645	499	NR	775	9	NR	905	0	NR
390	0	NR	520	419	NR	650	441	NR	780	8	NR	910	0	NR
395	0	NR	525	460	NR	655	388	NR	785	7	NR	915	0	NR
400	1	NR	530	492	NR	660	338	NR	790	6	NR	920	0	NR
405	3	NR	535	524	NR	665	294	NR	795	5	NR	925	0	NR
410	7	NR	540	553	NR	670	253	NR	800	4	NR	930	0	NR
415	15	NR	545	588	NR	675	218	NR	805	4	NR	935	0	NR
420	31	NR	550	625	NR	680	188	NR	810	3	NR	940	0	NR
425	60	NR	555	670	NR	685	161	NR	815	3	NR	945	0	NR
430	107	NR	560	723	NR	690	139	NR	820	3	NR	950	0	NR
435	183	NR	565	780	NR	695	118	NR	825	2	NR	955	0	NR
440	289	NR	570	837	NR	700	100	NR	830	2	NR	960	0	NR
445	460	NR	575	894	NR	705	85	NR	835	2	NR	965	0	NR
450	646	NR	580	942	NR	710	73	NR	840	1	NR	970	0	NR
455	561	NR	585	976	NR	715	62	NR	845	1	NR	975	0	NR
460	331	NR	590	998	NR	720	53	NR	850	1	NR	980	0	NR
465	238	NR	595	1000	NR	725	45	NR	855	1	NR	985	0	NR
470	178	NR	600	990	NR	730	39	NR	860	1	NR	990	0	NR
475	120	NR	605	962	NR	735	33	NR	865	1	NR	995	0	NR
480	96	NR	610	925	NR	740	28	NR	870	1	NR	1000	0	NR
485	95	NR	615	873	NR	745	24	NR	875	1	NR			

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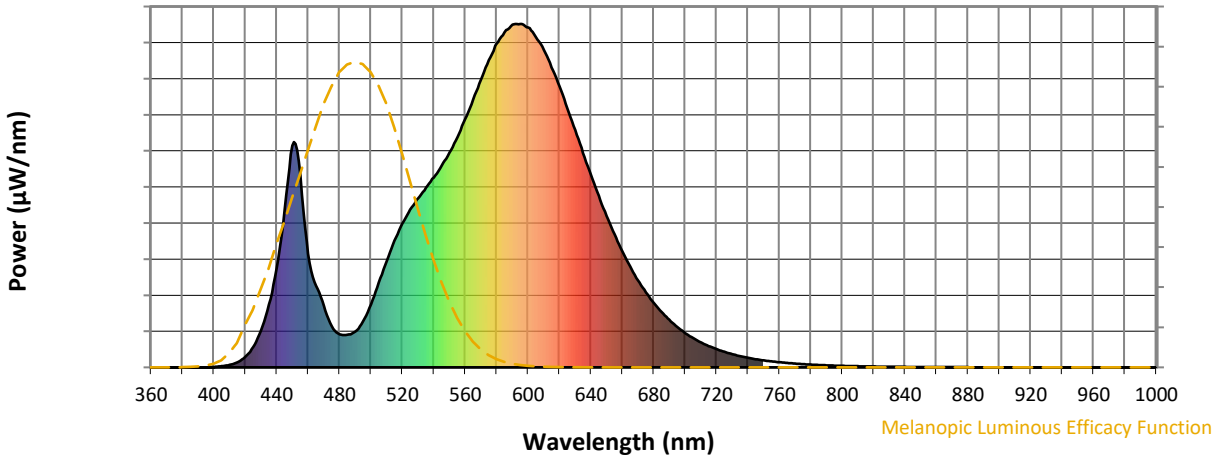
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.27**

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	104	NR	620	818	NR	750	20	NR	880	1	NR
365	0	NR	495	135	NR	625	755	NR	755	17	NR	885	0	NR
370	0	NR	500	184	NR	630	691	NR	760	15	NR	890	0	NR
375	0	NR	505	247	NR	635	625	NR	765	13	NR	895	0	NR
380	0	NR	510	309	NR	640	561	NR	770	11	NR	900	0	NR
385	0	NR	515	369	NR	645	499	NR	775	9	NR	905	0	NR
390	0	NR	520	419	NR	650	441	NR	780	8	NR	910	0	NR
395	0	NR	525	460	NR	655	388	NR	785	7	NR	915	0	NR
400	1	NR	530	492	NR	660	338	NR	790	6	NR	920	0	NR
405	3	NR	535	524	NR	665	294	NR	795	5	NR	925	0	NR
410	7	NR	540	553	NR	670	253	NR	800	4	NR	930	0	NR
415	15	NR	545	588	NR	675	218	NR	805	4	NR	935	0	NR
420	31	NR	550	625	NR	680	188	NR	810	3	NR	940	0	NR
425	60	NR	555	670	NR	685	161	NR	815	3	NR	945	0	NR
430	107	NR	560	723	NR	690	139	NR	820	3	NR	950	0	NR
435	183	NR	565	780	NR	695	118	NR	825	2	NR	955	0	NR
440	289	NR	570	837	NR	700	100	NR	830	2	NR	960	0	NR
445	460	NR	575	894	NR	705	85	NR	835	2	NR	965	0	NR
450	646	NR	580	942	NR	710	73	NR	840	1	NR	970	0	NR
455	561	NR	585	976	NR	715	62	NR	845	1	NR	975	0	NR
460	331	NR	590	998	NR	720	53	NR	850	1	NR	980	0	NR
465	238	NR	595	1000	NR	725	45	NR	855	1	NR	985	0	NR
470	178	NR	600	990	NR	730	39	NR	860	1	NR	990	0	NR
475	120	NR	605	962	NR	735	33	NR	865	1	NR	995	0	NR
480	96	NR	610	925	NR	740	28	NR	870	1	NR	1000	0	NR
485	95	NR	615	873	NR	745	24	NR	875	1	NR			

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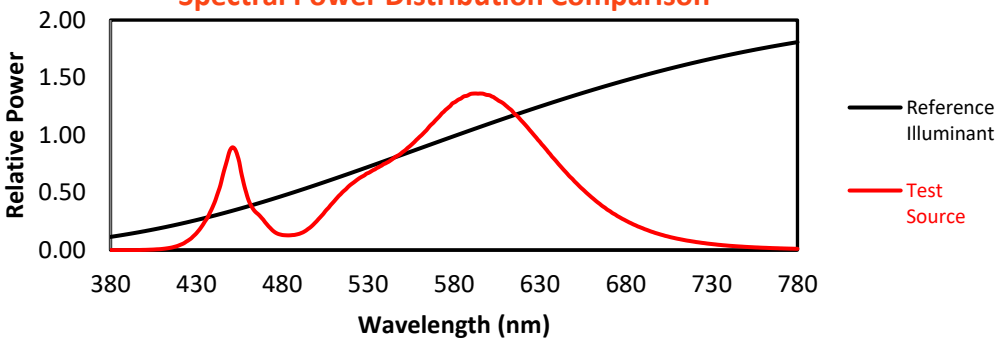
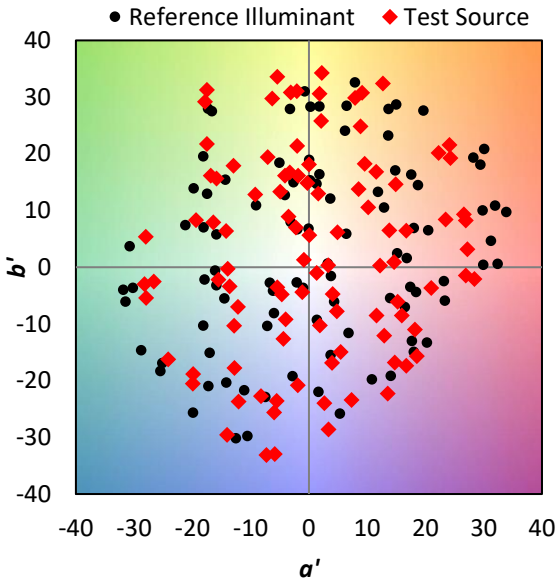
Summary

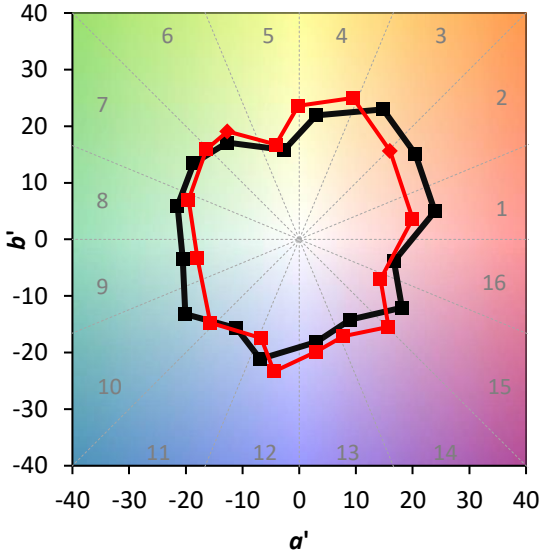
R_f = 74.6
R_g = 94
CIE R_a = 71.7
R_9 = -34.8

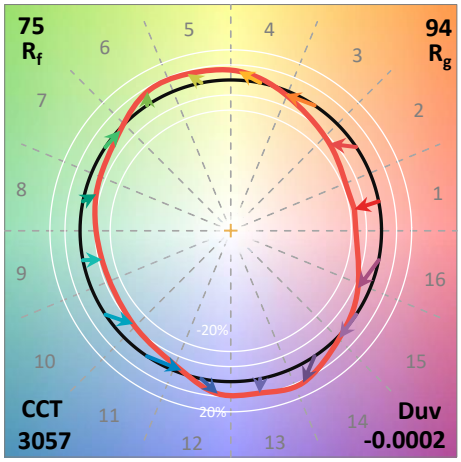
Spectral Power Distribution Comparison

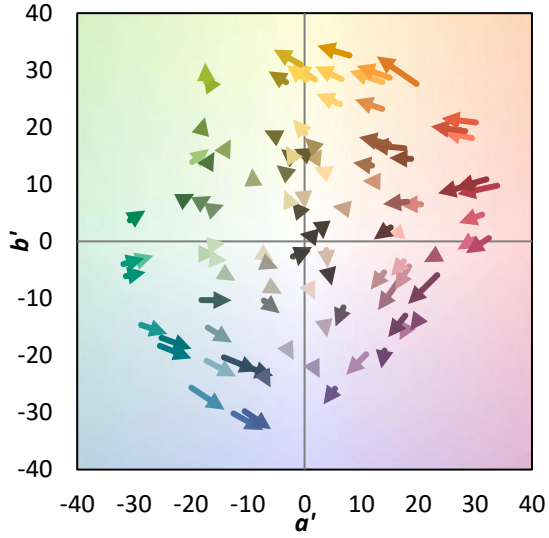


Color Vector Graphics









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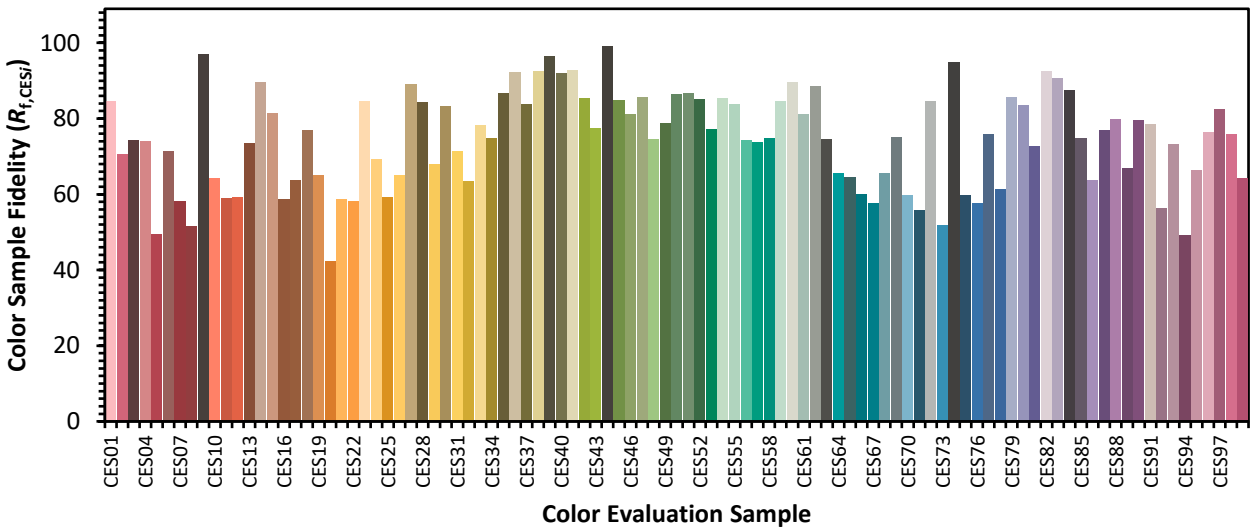
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 65	CES51 = 87	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 61
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 86
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 83
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 78	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 75	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 64
CES12 = 65	CES37 = 84	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 65	CES89 = 67
CES15 = 71	CES40 = 92	CES65 = 64	CES90 = 80
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 78
CES17 = 50	CES42 = 86	CES67 = 58	CES92 = 56
CES18 = 56	CES43 = 77	CES68 = 66	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 49
CES20 = 66	CES45 = 85	CES70 = 60	CES95 = 66
CES21 = 87	CES46 = 81	CES71 = 56	CES96 = 76
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 75	CES73 = 52	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 60	



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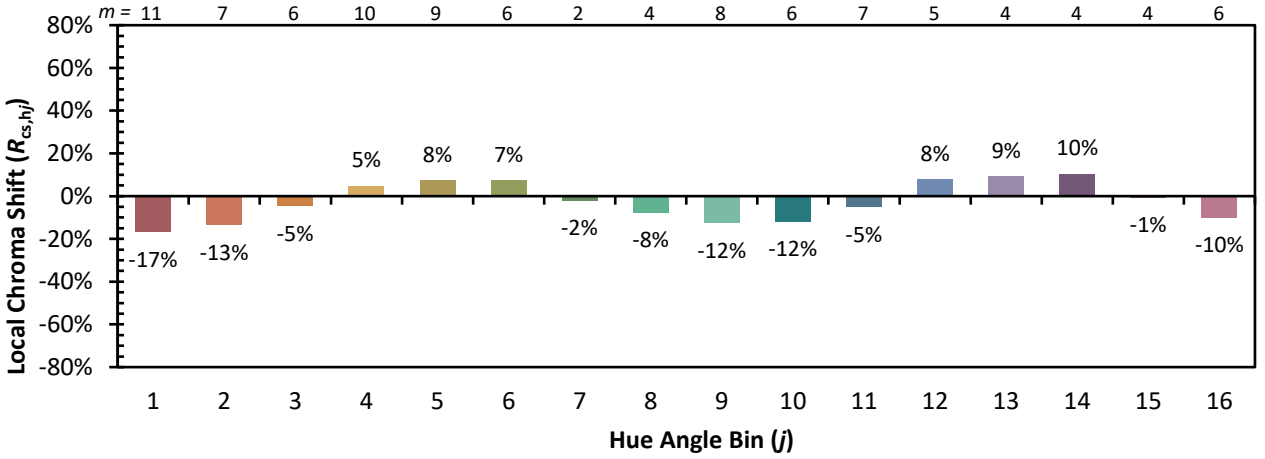
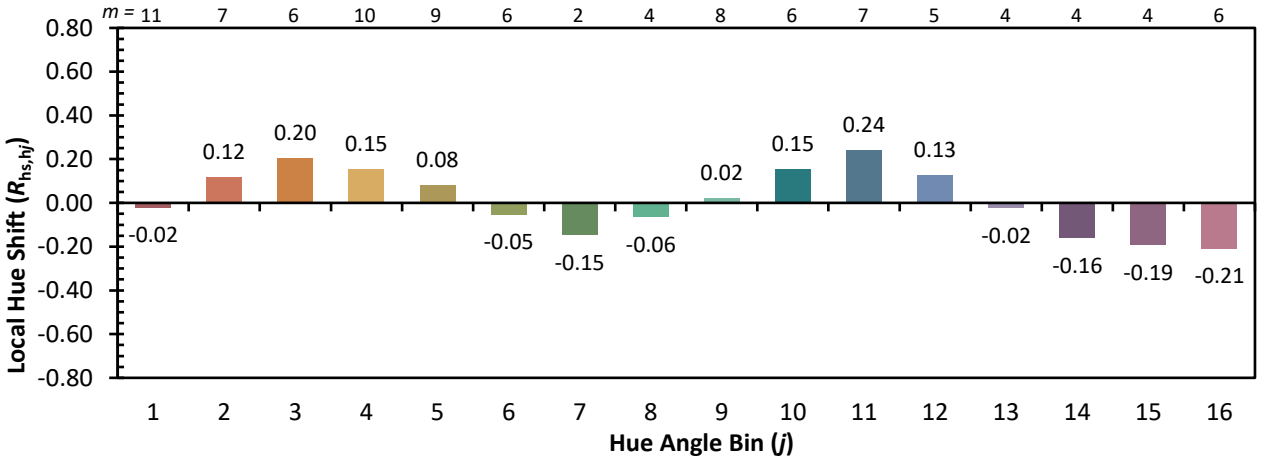
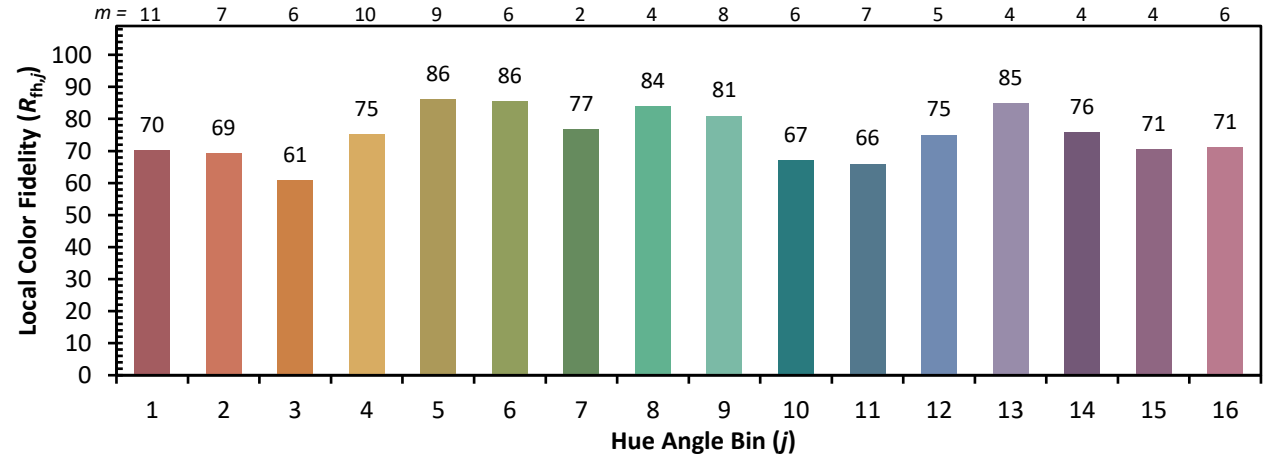
Color Rendition by Hue-Angle Bin







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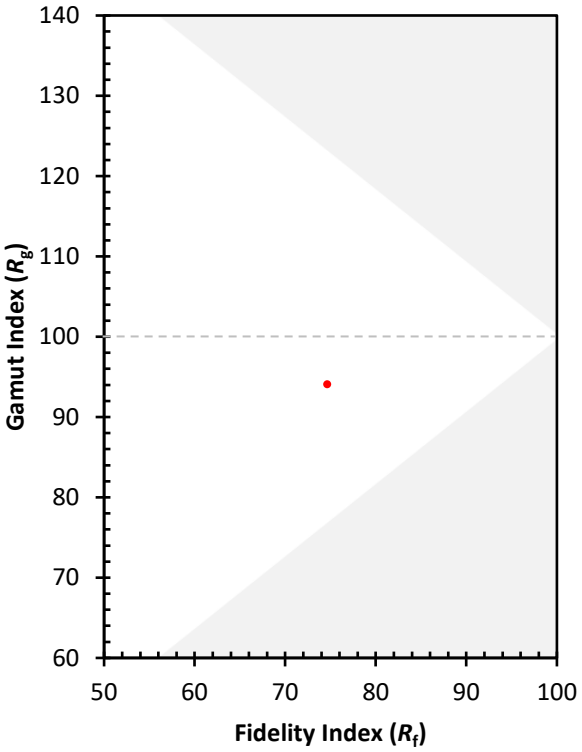
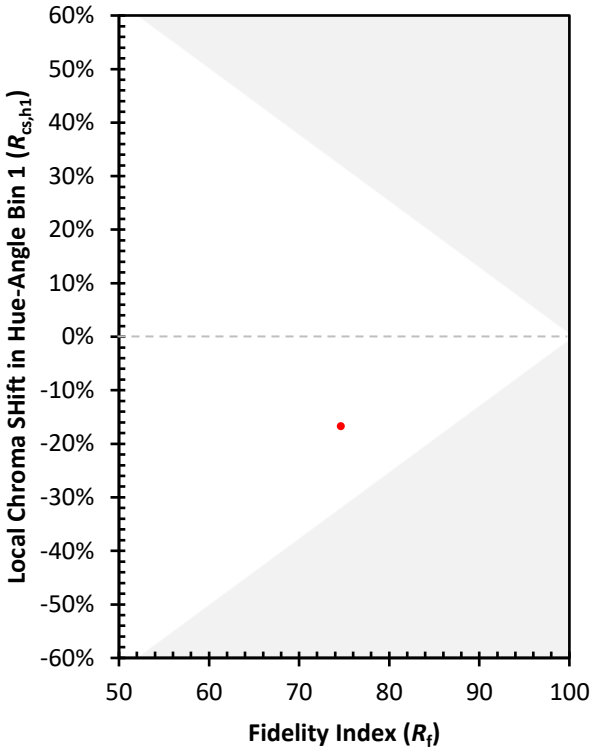
Measure Comparisons





(END OF REPORT)