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: P867552

Luminaire Tested: **MEM2-HTN-SA-110-730-U-T2U**

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:	P867552
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/21/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HTN-SA-110-730-U-T2U
Description:	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 110W 70CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(30) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16045.6 lumens
Efficiency:	N/A
Efficacy:	142.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.33' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	113
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	7.77%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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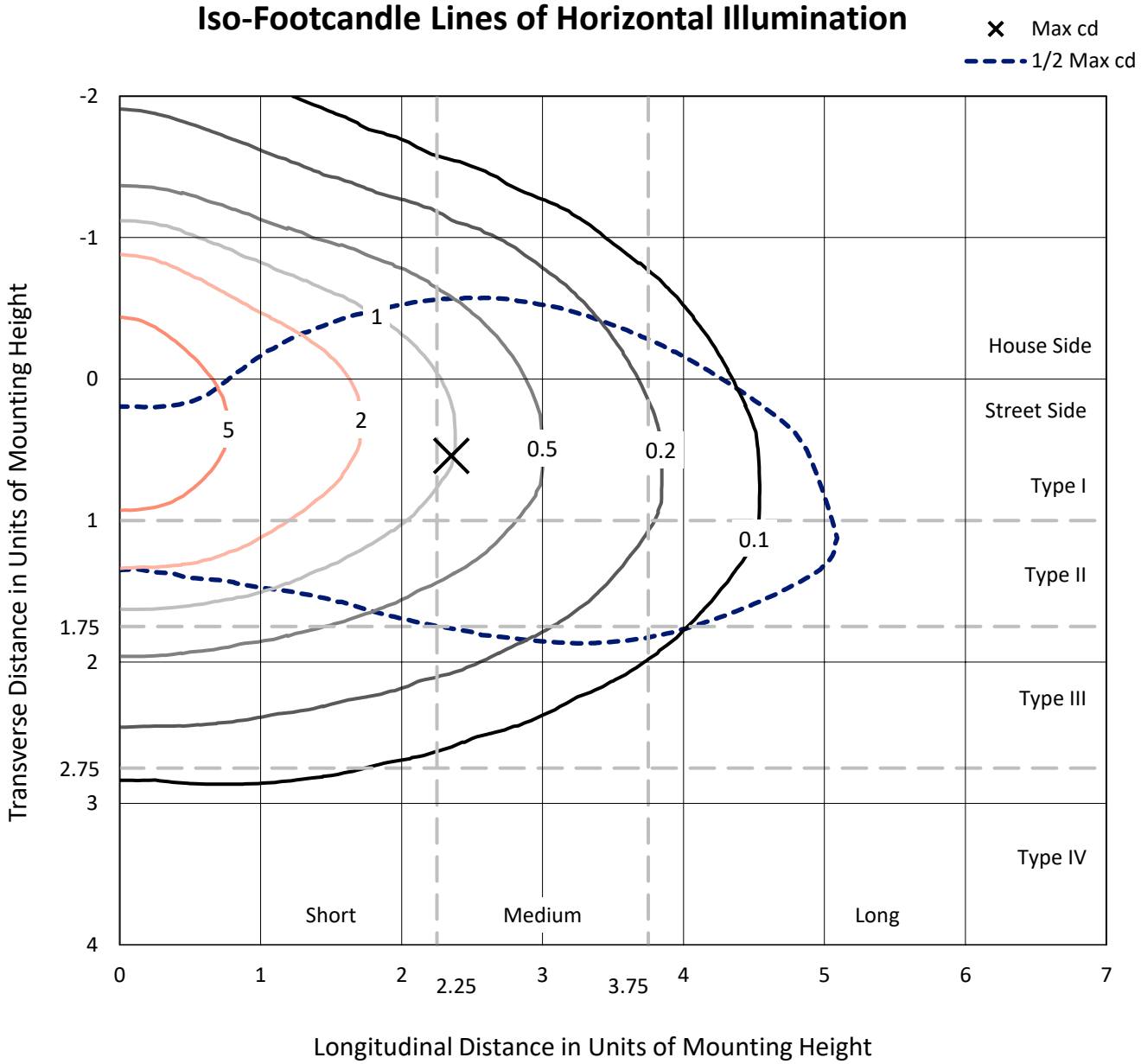
REPORT NUMBER: P867552
CATALOG NUMBER: MEM2-HTN-SA-110-730-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type III - Medium - N/A

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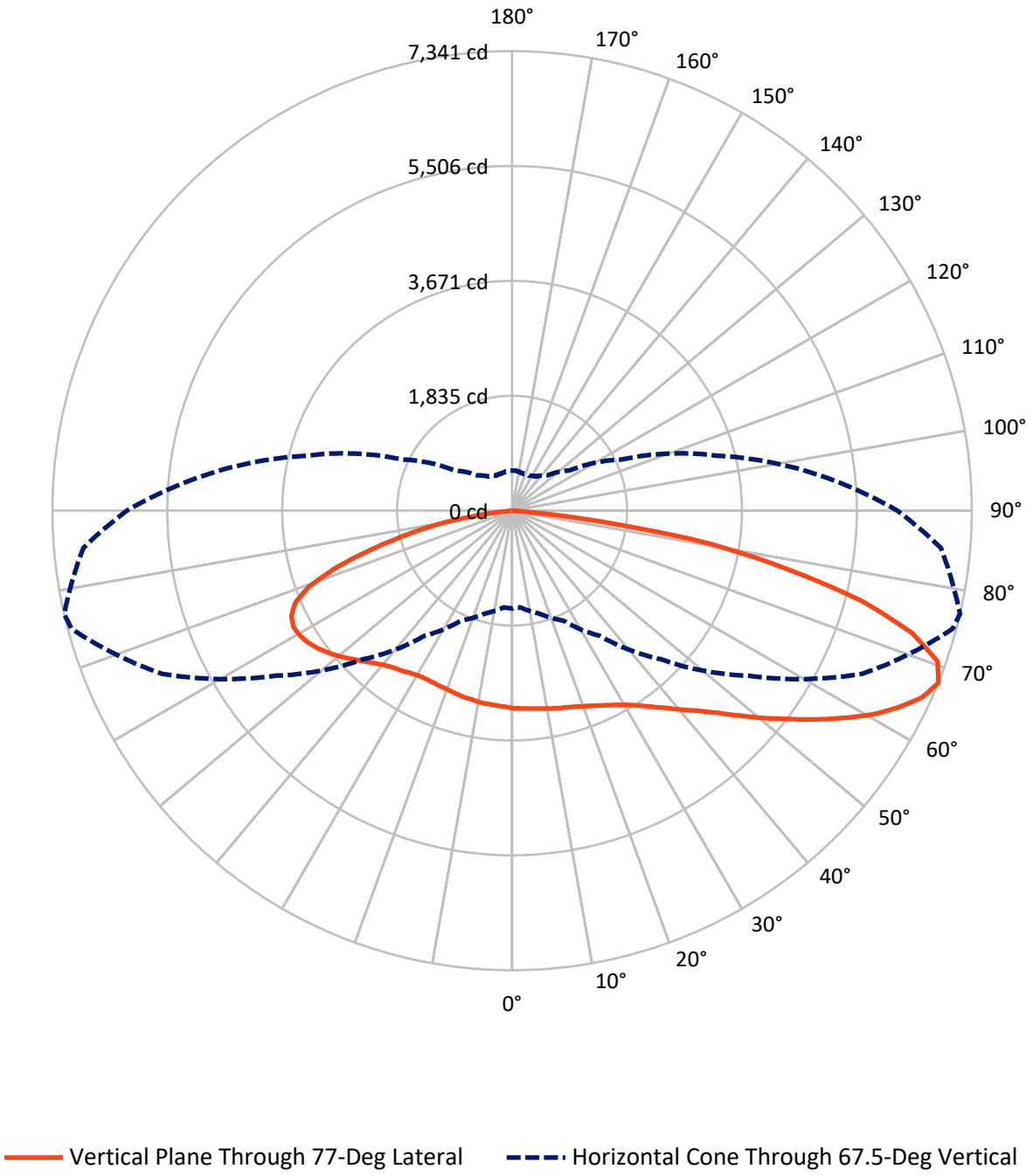
Luminous Intensity Polar Plot



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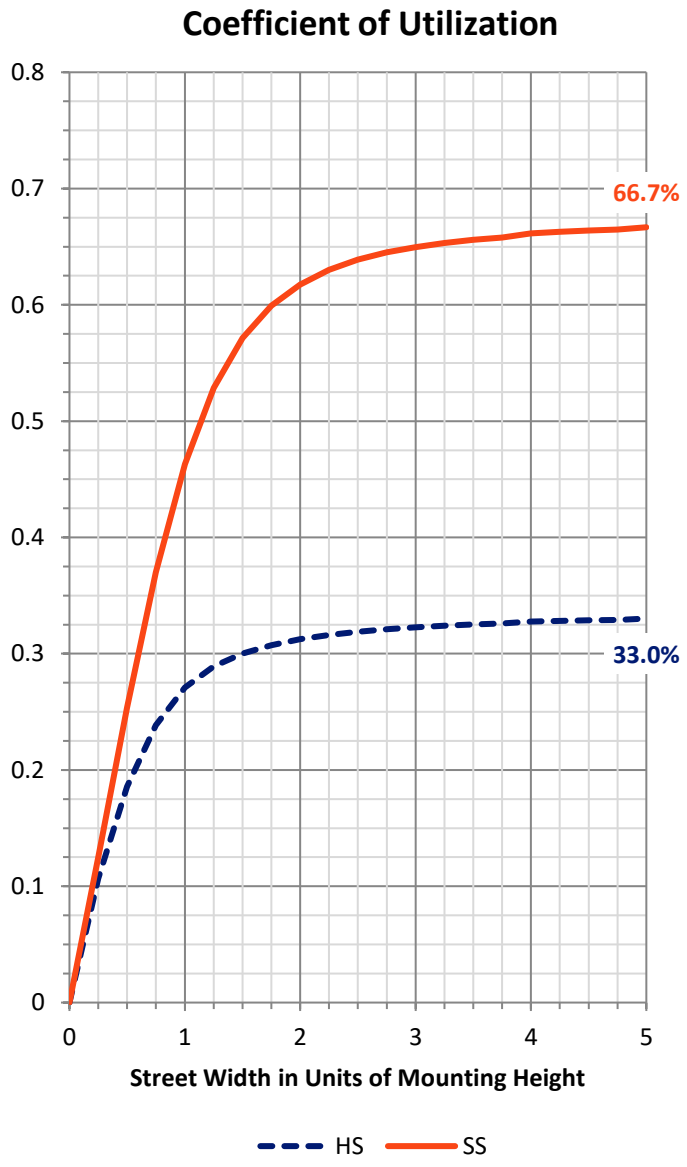
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5335.7	0.0	5335.7
	% Fixture	33.3	0.0	33.3
Street Side	Lumens	10709.9	0.0	10709.9
	% Fixture	66.7	0.0	66.7
Total	Lumens	16045.6	0.0	16045.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	303.2	1.9
10°-20°	919.6	5.7
20°-30°	1550.4	9.7
30°-40°	2200.0	13.7
40°-50°	2783.5	17.3
50°-60°	3049.2	19.0
60°-70°	2947.6	18.4
70°-80°	1982.4	12.4
80°-90°	309.8	1.9
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°	16045.6	100.0
0°-180°	16045.6	100.0



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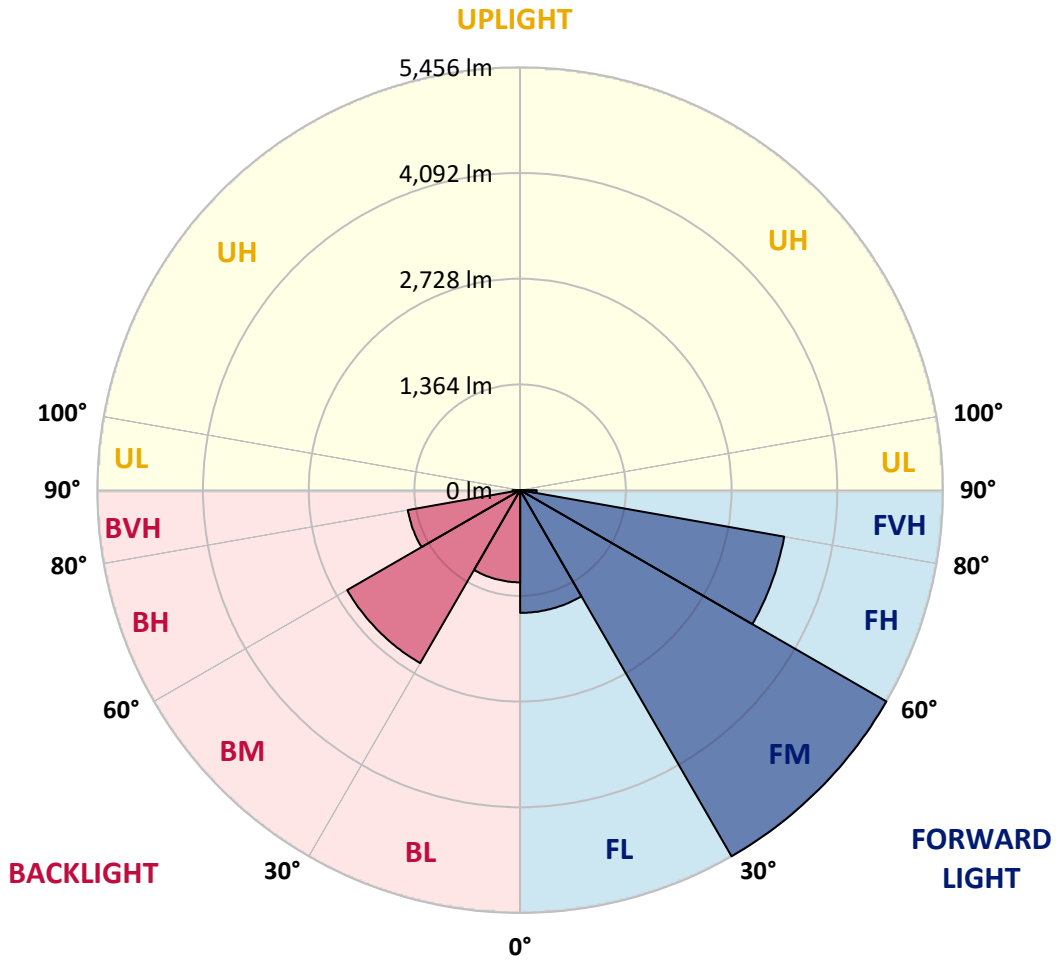
REPORT NUMBER: P867552
CATALOG NUMBER: MEM2-HTN-SA-110-730-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1583.7	9.9			
FM	(30°-60°)	5455.7	34.0			
FH	(60°-80°)	3458.3	21.6			G2/5000
FVH	(80°-90°)	212.1	1.3			G2/225
BL	(0°-30°)	1189.4	7.4	B3/2500		
BM	(30°-60°)	2577.0	16.1	B3/5000		
BH	(60°-80°)	1471.6	9.2	B3/2500		G3/2500
BVH	(80°-90°)	97.7	0.6			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 III Medium



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REPORT NUMBER: P867552
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	*3154.7*	3154.7
2.5°	3224.6	3221.4	3205.5	3211.9	3192.8	3205.5	3186.5	3170.6	3167.4	*3164.3*	3167.4
5°	3326.1	3310.3	3294.4	3284.9	3269.0	3262.7	3230.9	3199.2	3180.1	*3177.0*	3170.6
7.5°	3443.6	3437.2	3415.0	3402.3	3357.9	3335.7	3291.2	3234.1	3205.5	*3192.8*	3177.0
10°	3564.2	3580.0	3551.5	3526.1	3475.3	3427.7	3351.5	3278.5	3221.4	*3215.0*	3180.1
12.5°	3713.3	3710.2	3691.1	3646.7	3586.4	3519.7	3427.7	3326.1	3250.0	*3237.3*	3186.5
15°	3846.6	3843.5	3818.1	3776.8	3697.5	3614.9	3491.2	3373.7	3278.5	*3259.5*	3199.2
17.5°	3970.4	3964.1	3948.2	3903.8	3805.4	3703.8	3583.2	3427.7	3313.4	*3291.2*	3208.7
20°	4078.3	4084.7	4065.6	4021.2	3929.1	3821.2	3668.9	3497.5	3357.9	*3332.5*	3237.3
22.5°	4195.7	4198.9	4189.4	4173.5	4056.1	3941.8	3776.8	3576.9	3408.6	*3383.3*	3269.0
25°	4319.5	4322.7	4329.0	4319.5	4186.2	4062.4	3887.9	3675.2	3478.5	*3443.6*	3313.4
27.5°	4462.3	4465.5	4478.2	4459.2	4316.4	4186.2	4011.7	3780.0	3551.5	*3513.4*	3351.5
30°	4624.2	4636.9	4627.4	4621.0	4456.0	4329.0	4135.4	3887.9	3646.7	*3599.1*	3418.2
32.5°	4817.8	4814.6	4795.6	4776.6	4608.3	4475.0	4275.1	4027.5	3764.1	*3710.2*	3526.1
35°	4957.5	4957.5	4928.9	4919.4	4763.9	4624.2	4427.4	4183.1	3897.4	*3846.6*	3640.3
37.5°	5043.1	5055.8	5033.6	5040.0	4890.8	4760.7	4579.8	4341.7	4043.4	*3999.0*	3780.0
40°	5074.9	5106.6	5125.7	5151.1	5001.9	4890.8	4741.6	4513.1	4230.7	*4179.9*	3948.2
42.5°	5081.2	5128.8	5195.5	5249.4	5081.2	4989.2	4897.2	4687.7	4414.7	*4370.3*	4132.3
45°	5049.5	5027.3	5189.1	5195.5	5125.7	5068.5	5033.6	4897.2	4681.3	*4608.3*	4360.8
47.5°	4808.3	4782.9	4827.3	5030.5	5071.7	5103.5	5173.3	5141.5	4947.9	*4890.8*	4624.2
50°	4417.9	4405.2	4583.0	4801.9	4938.4	5100.3	5287.5	5376.4	5243.1	*5208.2*	4957.5
52.5°	3773.6	3738.7	4100.5	4525.8	4763.9	5068.5	5366.9	5617.6	5576.3	*5525.6*	5243.1
55°	3364.2	3364.2	3608.6	4138.6	4541.7	4954.3	5417.7	5871.5	5944.5	*5887.4*	5570.0
57.5°	2926.2	2961.1	3215.0	3580.0	4221.1	4744.8	5411.3	6084.2	6300.0	*6246.0*	5915.9
60°	2551.7	2580.3	2726.3	3094.4	3843.5	4468.7	5341.5	6258.7	6630.0	*6611.0*	6220.6
62.5°	2170.9	2205.8	2323.2	2669.2	3345.2	4151.3	5195.5	6353.9	6941.1	*6922.0*	6528.5
65°	1866.2	1869.4	1986.8	2275.6	2846.9	3767.3	4938.4	6334.9	7182.3	*7195.0*	6788.7
67.5°	*1561.5*	*1552.0*	*1704.3*	*1939.2*	*2440.6*	*3354.7*	*4595.6*	*6166.7*	*7283.8*	*7341.0*	*6874.4*
70°	1148.9	1161.6	1374.3	1634.5	2063.0	2878.6	4116.4	5839.8	7118.8	*7207.7*	6677.7
72.5°	863.3	888.7	1095.0	1364.7	1723.4	2402.6	3592.7	5271.7	6658.6	*6671.3*	6077.8
75°	701.4	707.8	891.8	1133.0	1412.3	1926.5	2885.0	4402.0	5630.3	*5776.3*	5163.8
77.5°	596.7	590.3	679.2	914.1	1139.4	1539.3	2174.0	3348.3	4421.1	*4487.7*	4043.4
80°	507.8	504.6	536.4	739.5	891.8	1098.1	1488.5	2332.7	3154.7	*3227.7*	2872.3
82.5°	266.6	285.6	279.3	457.0	504.6	577.6	714.1	1060.0	1377.4	*1396.5*	1320.3
85°	12.7	12.7	12.7	19.0	31.7	50.8	98.4	98.4	107.9	*206.3*	234.9
87.5°	3.2	3.2	6.3	6.3	6.3	9.5	9.5	12.7	12.7	*12.7*	12.7
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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CATALOG NUMBER: MEM2-HTN-SA-110-730-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7	3154.7
2.5°	3161.1	3148.4	3129.4	3132.5	3129.4	3129.4	3113.5	3100.8	3097.6	3104.0	3116.7
5°	3164.3	3145.2	3116.7	3107.1	3097.6	3091.3	3065.9	3046.8	3037.3	3043.7	3046.8
7.5°	3164.3	3135.7	3104.0	3084.9	3059.5	3040.5	3011.9	2986.5	2973.8	2977.0	2983.4
10°	3157.9	3126.2	3100.8	3062.7	3021.4	2999.2	2954.8	2923.1	2907.2	2910.4	2894.5
12.5°	3157.9	3123.0	3072.2	3037.3	2980.2	2932.6	2897.7	2862.8	2850.1	2837.4	2831.0
15°	3161.1	3116.7	3065.9	2992.9	2926.2	2875.5	2831.0	2808.8	2789.8	2783.4	2786.6
17.5°	3161.1	3116.7	3040.5	2954.8	2878.6	2815.2	2777.1	2751.7	2745.3	2739.0	2739.0
20°	3177.0	3119.8	3018.3	2916.7	2821.5	2754.8	2719.9	2704.1	2704.1	2694.5	2694.5
22.5°	3202.4	3126.2	3005.6	2885.0	2773.9	2700.9	2662.8	2643.8	2653.3	2646.9	2643.8
25°	3230.9	3148.4	2989.7	2840.5	2710.4	2634.2	2596.2	2583.5	2580.3	2564.4	2586.6
27.5°	3253.1	3164.3	2980.2	2796.1	2653.3	2564.4	2516.8	2494.6	2478.7	2485.1	2478.7
30°	3313.4	3208.7	2983.4	2758.0	2589.8	2481.9	2424.8	2399.4	2393.0	2393.0	2393.0
32.5°	3396.0	3265.8	3005.6	2742.2	2529.5	2402.6	2332.7	2307.3	2301.0	2288.3	2294.6
35°	3500.7	3351.5	3040.5	2716.8	2481.9	2310.5	2234.3	2199.4	2189.9	2177.2	2177.2
37.5°	3618.1	3437.2	3065.9	2704.1	2418.4	2215.3	2129.6	2085.2	2078.8	2066.1	2072.5
40°	3767.3	3554.6	3107.1	2678.7	2345.4	2129.6	2015.4	1942.4	1958.2	1964.6	1977.3
42.5°	3935.5	3703.8	3170.6	2653.3	2288.3	2040.7	1872.5	1799.5	1818.6	1812.2	1824.9
45°	4164.0	3878.4	3250.0	2643.8	2218.5	1932.8	1726.5	1644.0	1637.7	1628.2	1634.5
47.5°	4402.0	4087.8	3326.1	2624.7	2142.3	1799.5	1561.5	1456.8	1431.4	1418.7	1406.0
50°	4649.6	4297.3	3415.0	2612.0	2040.7	1650.4	1396.5	1275.9	1228.3	1212.4	1196.5
52.5°	4928.9	4522.6	3491.2	2580.3	1929.7	1494.9	1247.3	1110.8	1056.9	1025.1	1028.3
55°	5224.1	4728.9	3561.0	2542.2	1802.7	1348.9	1098.1	983.9	929.9	920.4	920.4
57.5°	5497.0	4941.6	3611.8	2475.6	1675.8	1206.0	974.4	876.0	850.6	863.3	863.3
60°	5776.3	5113.0	3637.2	2402.6	1545.6	1085.4	888.7	809.3	796.6	822.0	825.2
62.5°	6001.6	5249.4	3630.8	2301.0	1402.8	980.7	806.1	742.7	749.0	793.4	803.0
65°	6163.5	5316.1	3551.5	2148.7	1266.3	888.7	733.1	672.8	672.8	704.6	714.1
67.5°	*6150.8*	*5230.4*	*3392.8*	*1936.0*	*1120.3*	*796.6*	*666.5*	*618.9*	*618.9*	*641.1*	*637.9*
70°	5890.6	4935.2	3091.3	1678.9	977.5	717.3	609.4	574.5	571.3	580.8	577.6
72.5°	5265.3	4335.4	2621.5	1386.9	844.2	637.9	552.2	520.5	514.2	501.5	491.9
75°	4344.9	3561.0	2047.1	1104.5	714.1	561.8	498.3	469.7	444.3	460.2	450.7
77.5°	3370.6	2732.6	1523.4	856.9	580.8	488.8	444.3	412.6	406.2	463.4	444.3
80°	2459.7	1888.4	1075.9	612.5	450.7	396.7	371.3	345.9	438.0	587.2	584.0
82.5°	1091.8	910.9	491.9	292.0	209.5	174.6	146.0	165.0	276.1	269.8	279.3
85°	98.4	101.6	54.0	34.9	22.2	19.0	12.7	12.7	9.5	9.5	9.5
87.5°	12.7	12.7	9.5	9.5	6.3	6.3	6.3	6.3	3.2	3.2	3.2
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

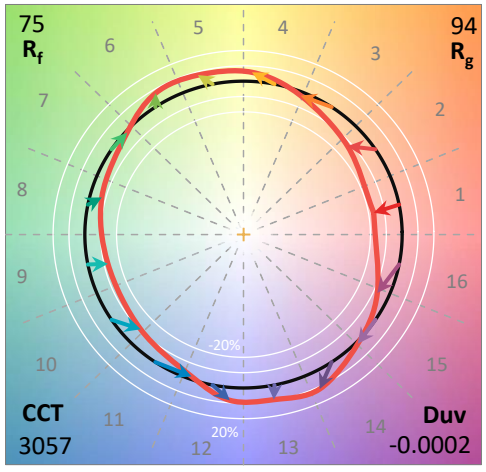
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

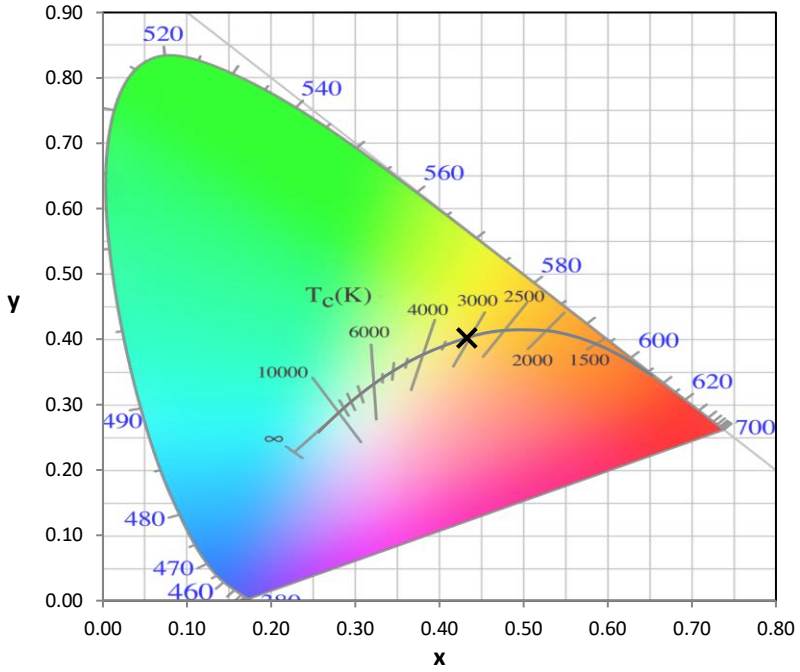
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2407-157-4

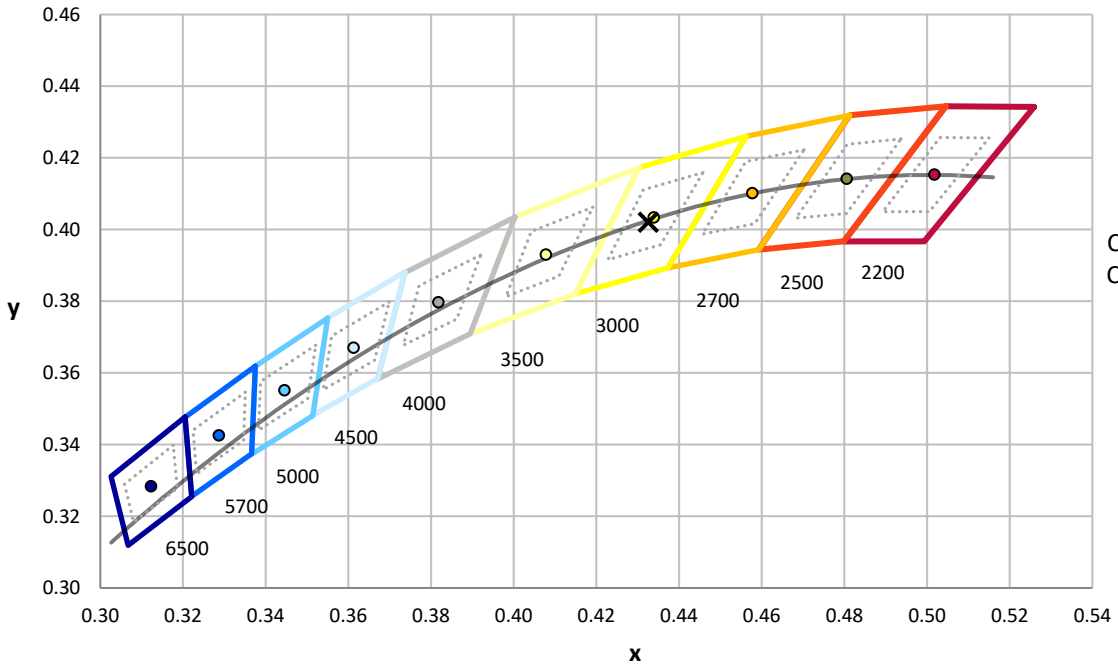
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

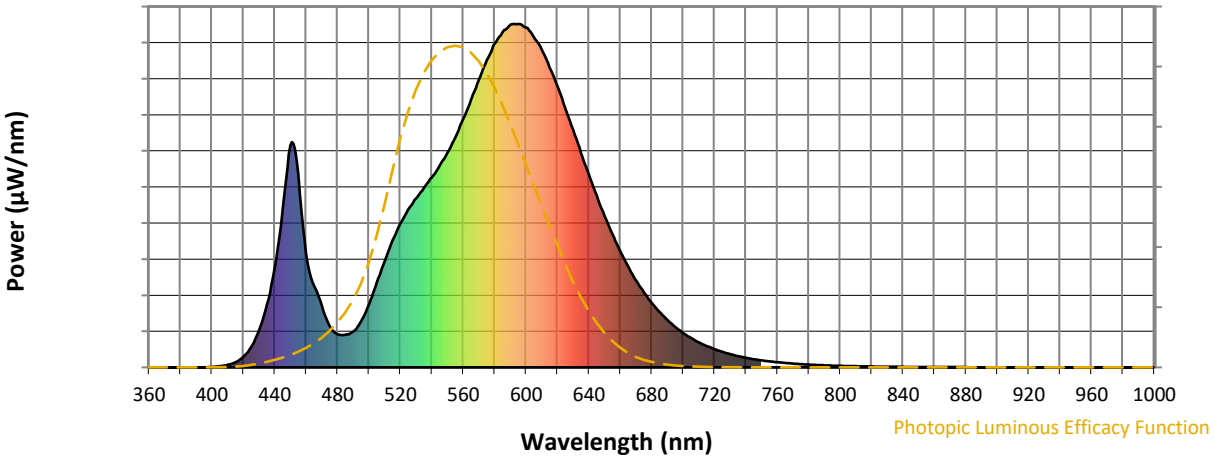


CCT = 3057K
CIE x = 0.4326
CIE y = 0.4020
Duv = -0.0002

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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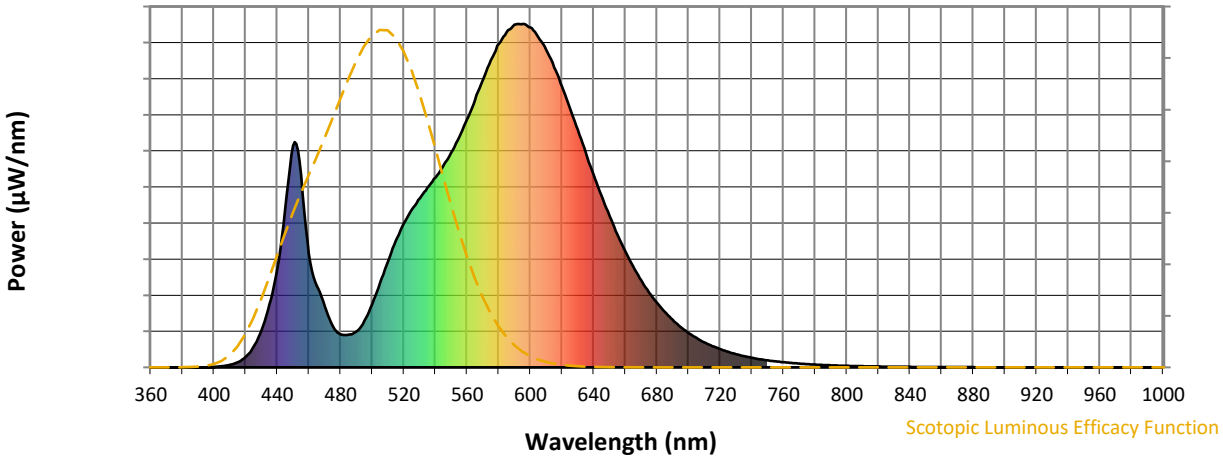
Scotopic Flux vs. Wavelength



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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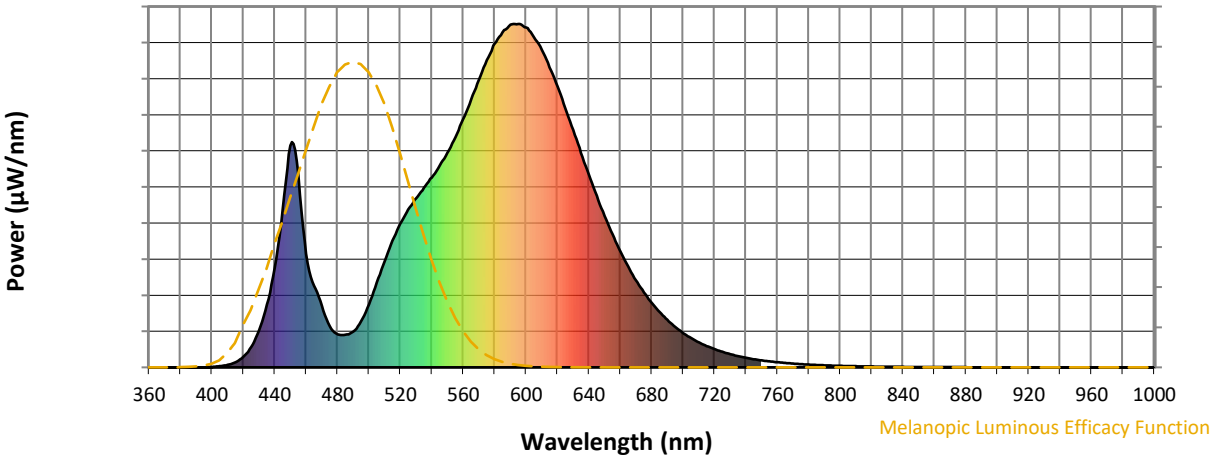
Melanopic Flux vs. Wavelength



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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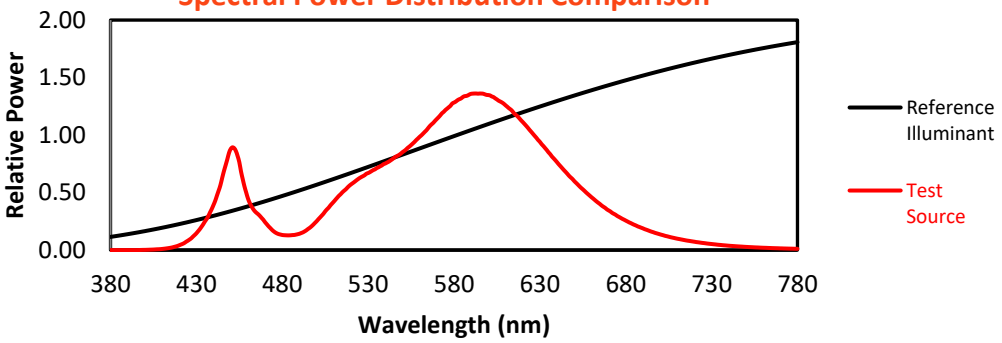
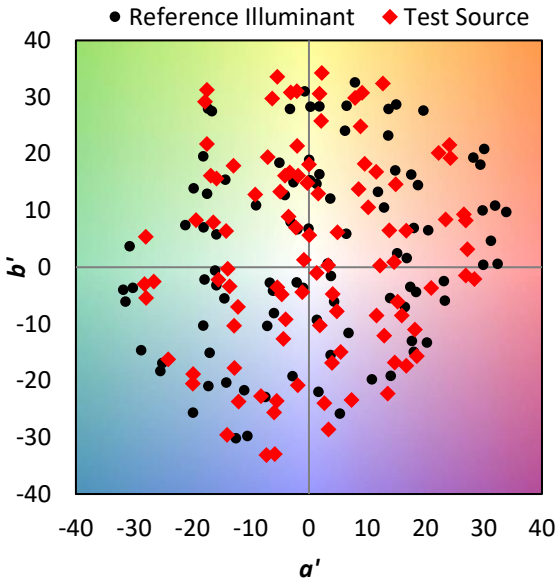
Summary

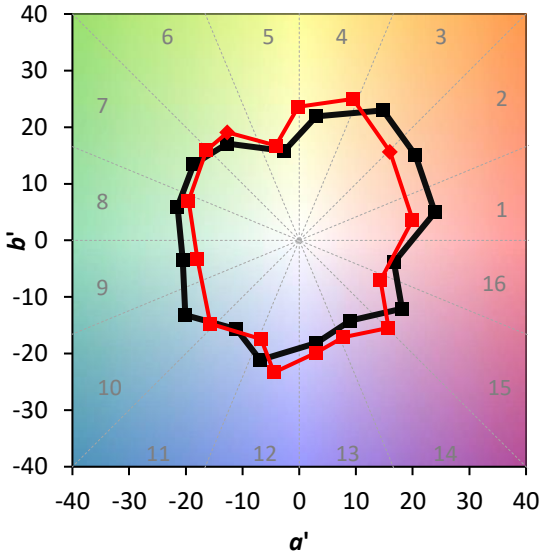
R_f = 74.6
R_g = 94
CIE R_a = 71.7
R_9 = -34.8

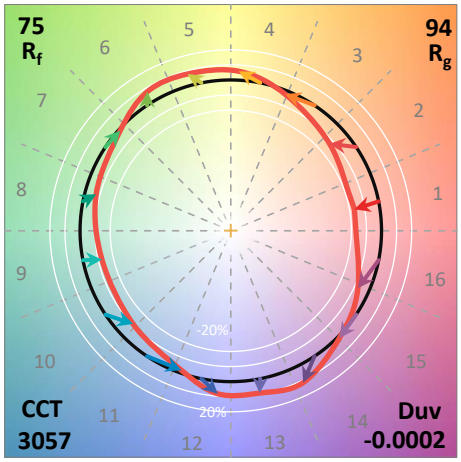
Spectral Power Distribution Comparison

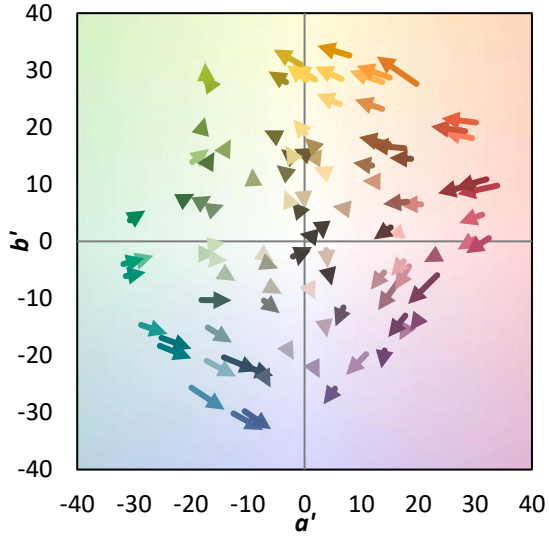


Color Vector Graphics









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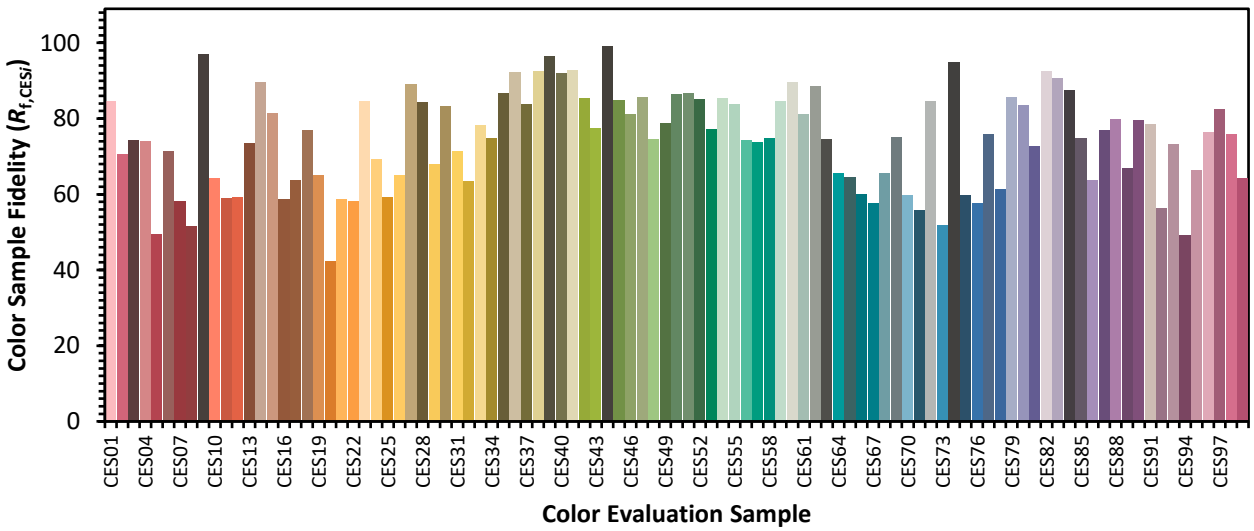
Individual Sample Fidelity Index ($R_{f,i}$)

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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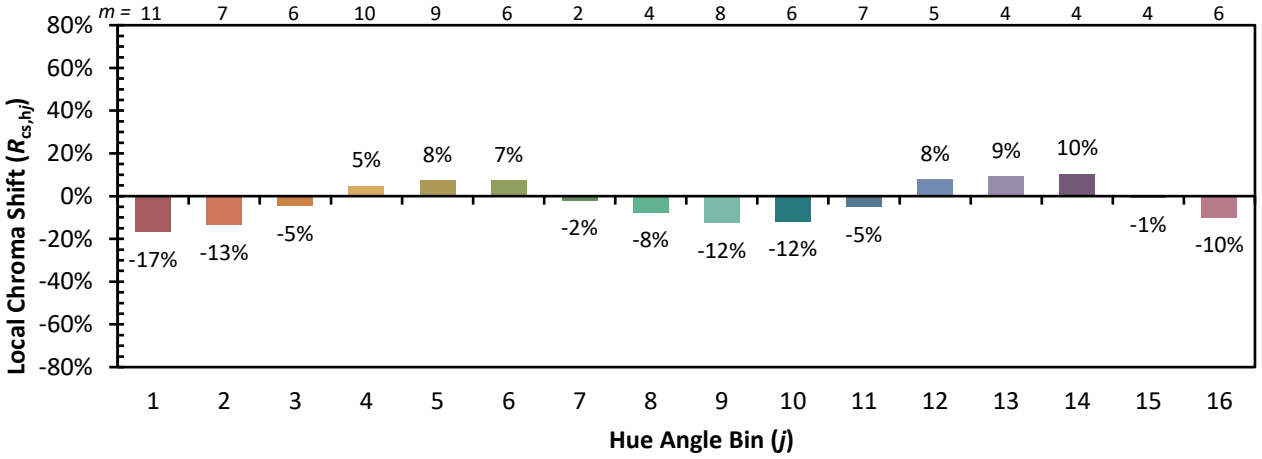
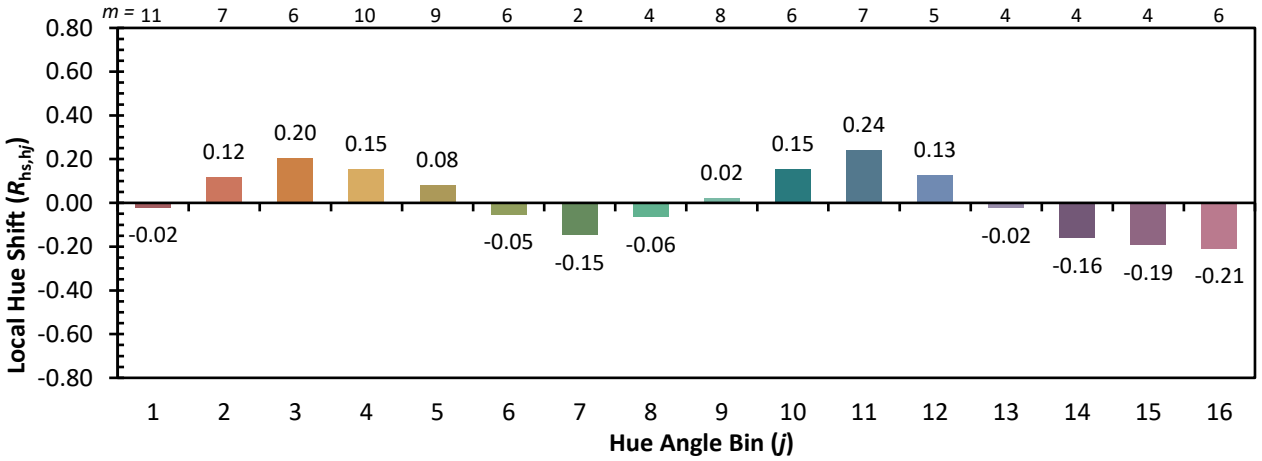
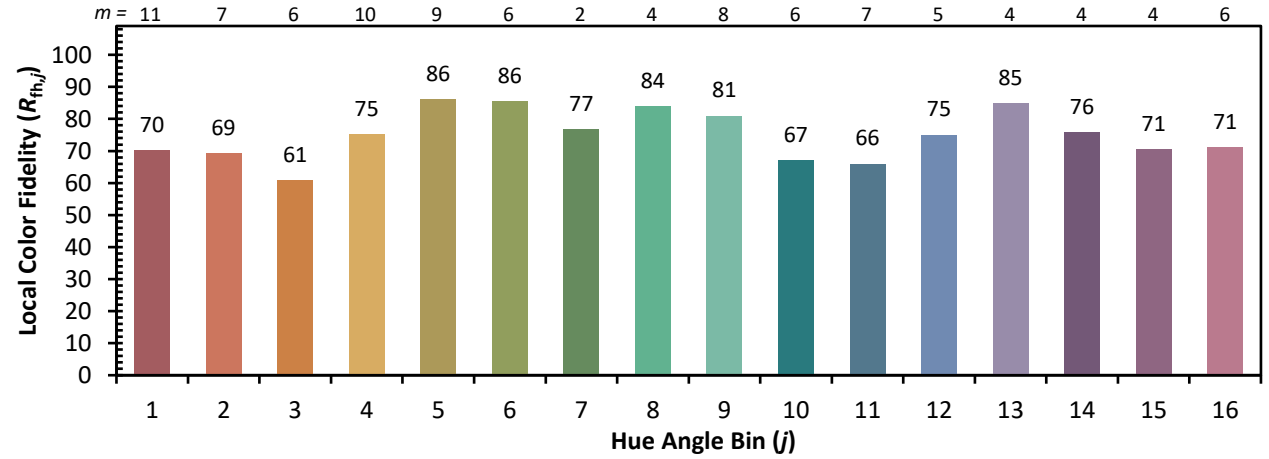
Color Rendition by Hue-Angle Bin







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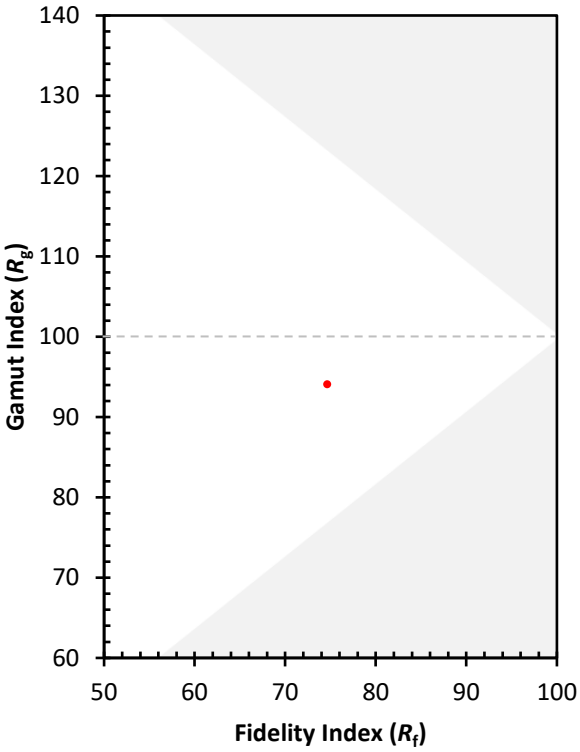
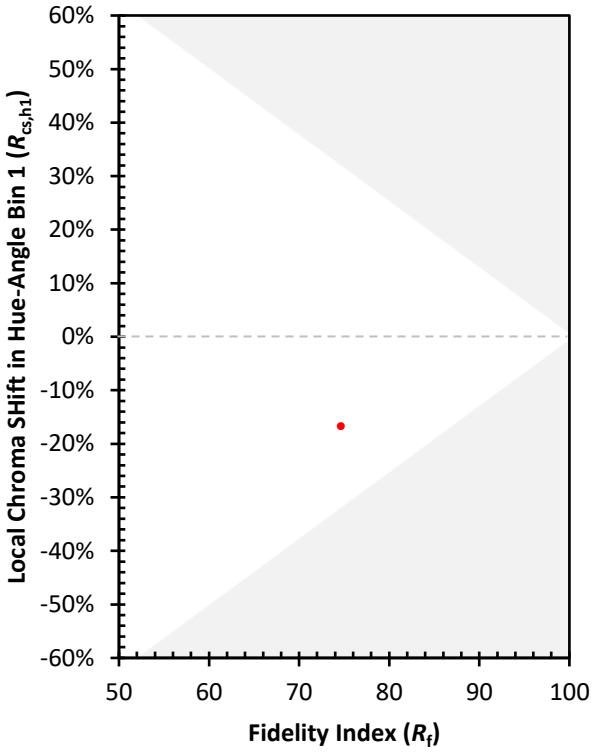
Measure Comparisons





(END OF REPORT)