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: P867460

Luminaire Tested: **MEM2-HTN-SA-100-750-U-T1**

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:	P867460
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/21/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	MEM2-HTN-SA-100-750-U-T1
Description:	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 100W 70CRI 5000K FIXTURE w/ TYPE 1 DISTRIBUTION OPTIC
Light Source:	(20) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14095.7 lumens
Efficiency:	N/A
Efficacy:	139.6 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type I - Short
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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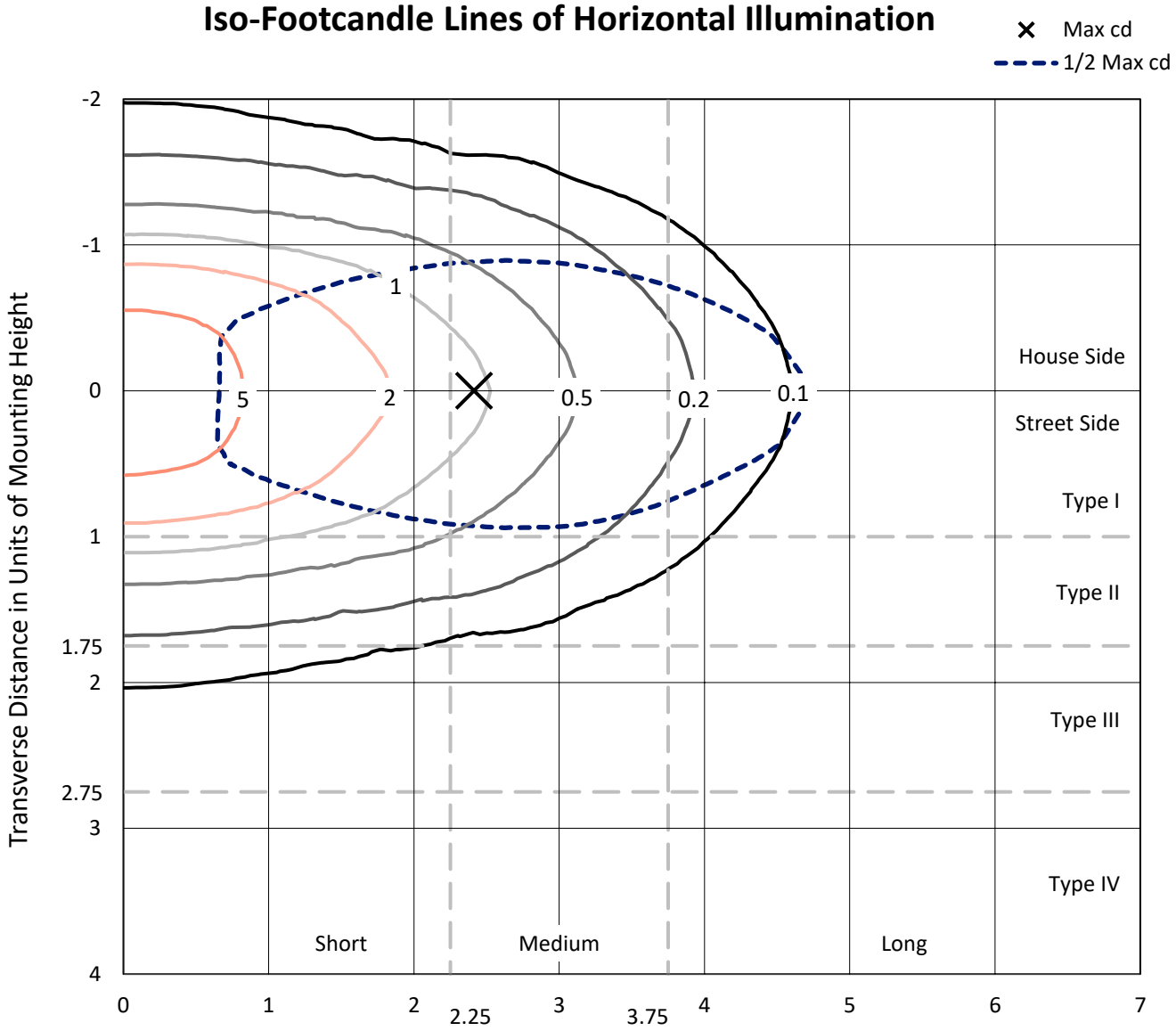
Scaled Data Report

REPORT NUMBER: P867460
CATALOG NUMBER: MEM2-HTN-SA-100-750-U-T1

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.6 fc
Type I - Short - N/A

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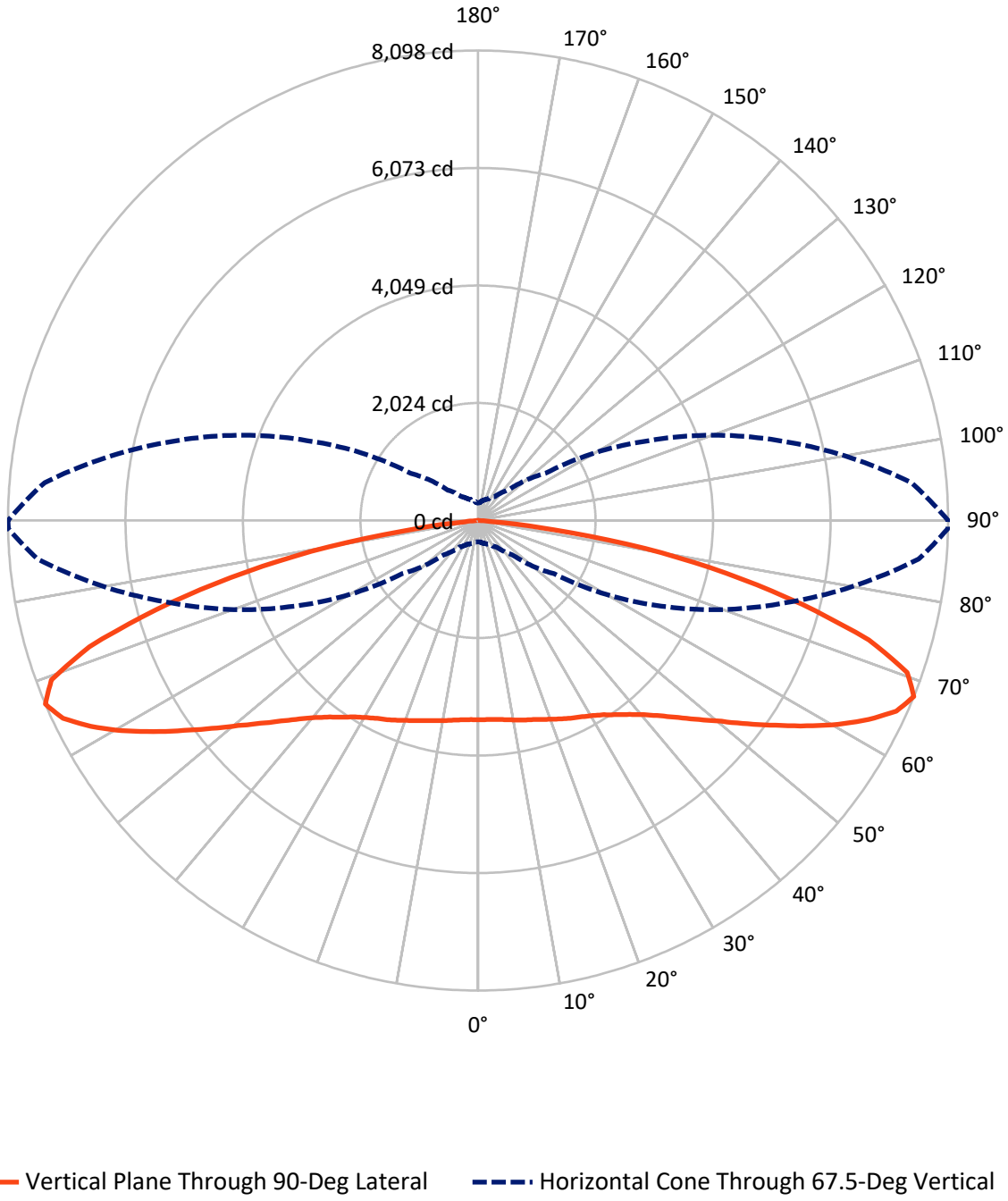
Luminous Intensity Polar Plot



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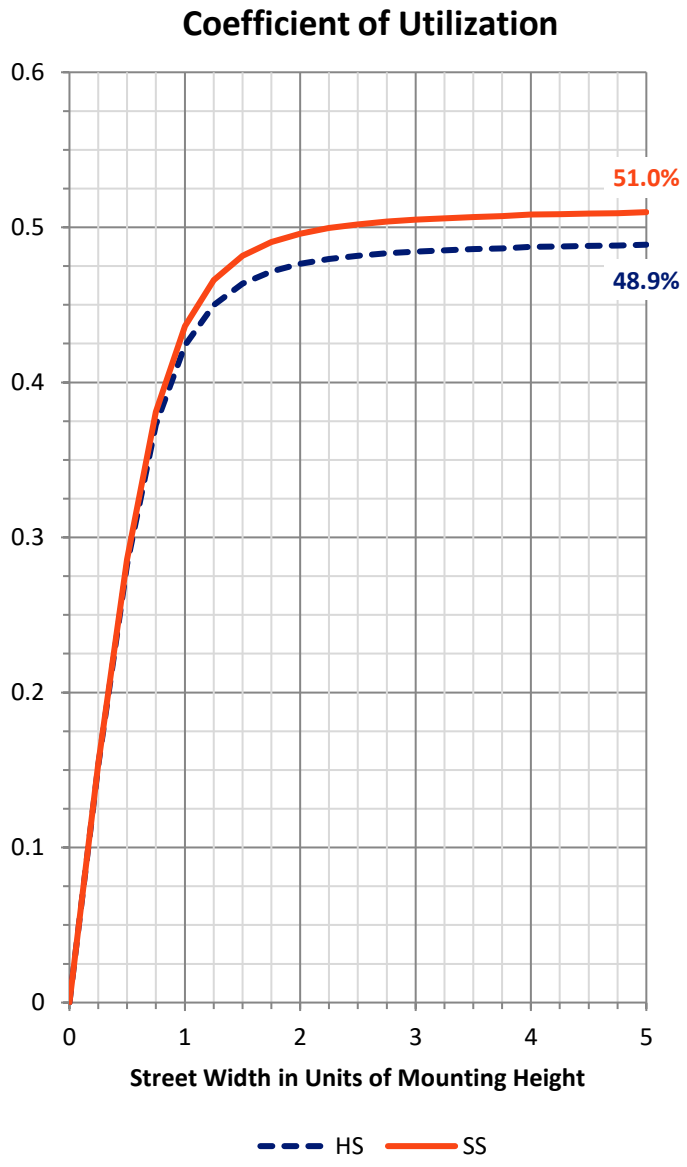
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6922.7	0.0	6922.7
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	7173.0	0.0	7173.0
	% Fixture	50.9	0.0	50.9
Total	Lumens	14095.7	0.0	14095.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.2	2.3
10°-20°	989.1	7.0
20°-30°	1636.9	11.6
30°-40°	2170.6	15.4
40°-50°	2447.3	17.4
50°-60°	2508.8	17.8
60°-70°	2369.6	16.8
70°-80°	1454.0	10.3
80°-90°	190.2	1.3
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°	14095.7	100.0
0°-180°	14095.7	100.0



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REPORT NUMBER: P867460
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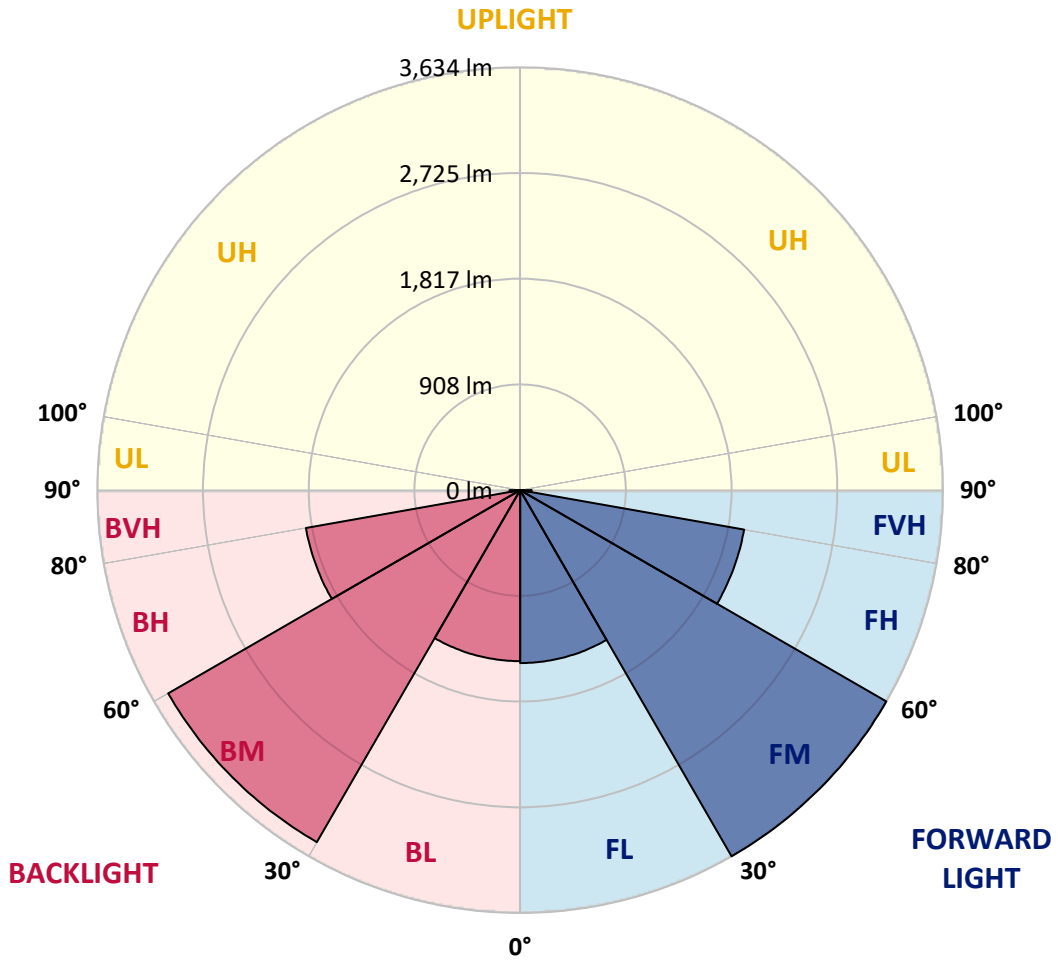
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1486.1	10.5			
FM	(30°-60°)	3633.7	25.8			
FH	(60°-80°)	1954.1	13.9			G2/5000
FVH	(80°-90°)	99.1	0.7			G1/100
BL	(0°-30°)	1469.1	10.4	B3/2500		
BM	(30°-60°)	3493.0	24.8	B3/5000		
BH	(60°-80°)	1869.4	13.3	B3/2500		G3/2500
BVH	(80°-90°)	91.1	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 I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	89°
0°	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4
2.5°	3447.9	3447.9	3439.8	3426.3	3423.6	3426.3	3442.5	3434.4	3434.4	3437.1	3434.4
5°	3447.9	3447.9	3442.5	3429.0	3429.0	3429.0	3447.9	3439.8	3442.5	3445.2	3445.2
7.5°	3453.3	3453.3	3447.9	3437.1	3437.1	3437.1	3464.2	3458.7	3458.7	3466.9	3461.5
10°	3466.9	3461.5	3456.0	3458.7	3450.6	3464.2	3477.7	3480.4	3491.2	3496.6	3493.9
12.5°	3466.9	3461.5	3447.9	3464.2	3464.2	3483.1	3502.0	3512.9	3526.4	3526.4	3526.4
15°	3450.6	3445.2	3434.4	3461.5	3472.3	3496.6	3523.7	3539.9	3564.3	3564.3	3561.6
17.5°	3431.7	3423.6	3418.1	3458.7	3483.1	3515.6	3556.2	3577.8	3604.9	3607.6	3602.2
20°	3396.5	3393.8	3396.5	3450.6	3493.9	3539.9	3588.7	3618.4	3653.6	3664.4	3656.3
22.5°	3358.6	3358.6	3369.4	3442.5	3510.2	3572.4	3637.4	3675.3	3710.4	3721.3	3710.4
25°	3307.2	3307.2	3328.8	3415.4	3515.6	3607.6	3683.4	3734.8	3767.3	3778.1	3772.7
27.5°	3228.7	3228.7	3253.1	3361.3	3499.3	3634.7	3732.1	3791.6	3826.8	3837.6	3832.2
30°	3117.7	3112.3	3144.8	3280.1	3469.6	3664.4	3788.9	3851.2	3897.2	3905.3	3897.2
32.5°	2941.8	2949.9	2998.7	3169.2	3420.9	3683.4	3856.6	3929.7	3981.1	3997.3	3991.9
35°	2728.0	2741.6	2809.2	3028.4	3328.8	3680.7	3926.9	4016.3	4083.9	4105.6	4102.9
37.5°	2473.6	2492.6	2576.5	2833.6	3190.8	3640.1	3991.9	4113.7	4203.0	4230.1	4235.5
40°	2194.9	2213.8	2322.1	2606.2	3004.1	3545.3	4029.8	4224.6	4343.7	4397.9	4406.0
42.5°	1899.9	1932.4	2062.3	2338.3	2779.4	3393.8	4029.8	4332.9	4479.0	4579.2	4587.3
45°	1615.7	1642.8	1799.7	2070.4	2538.6	3198.9	3983.8	4441.2	4663.1	4836.3	4830.9
47.5°	1369.4	1377.5	1521.0	1794.3	2270.6	2977.0	3889.1	4538.6	4857.9	5088.0	5136.7
50°	1115.0	1134.0	1255.8	1526.4	1997.3	2733.4	3729.4	4600.8	5058.2	5407.3	5469.6
52.5°	936.4	939.1	1031.1	1280.1	1713.1	2438.4	3537.2	4617.1	5250.4	5753.7	5829.5
55°	763.2	776.7	855.2	1042.0	1439.8	2148.9	3288.2	4592.7	5426.3	6089.3	6230.1
57.5°	654.9	657.6	714.5	863.3	1215.2	1840.3	3012.2	4511.5	5572.4	6460.1	6638.7
60°	562.9	562.9	606.2	719.9	982.4	1539.9	2687.4	4368.1	5653.6	6857.9	7117.8
62.5°	489.9	492.6	530.4	614.3	817.3	1272.0	2330.2	4143.5	5683.4	7242.3	7540.0
65°	443.8	446.6	468.2	525.0	673.9	1033.8	1964.8	3870.1	5642.8	7529.1	7916.1
67.5°	*368.1*	*370.8*	*408.7*	*452.0*	*560.2*	*830.9*	*1596.8*	*3491.2*	*5477.7*	*7618.4*	*8092.1*
70°	281.5	289.6	341.0	387.0	465.5	663.1	1226.0	2990.5	5082.6	7315.3	7802.5
72.5°	235.5	238.2	276.1	327.5	389.7	519.6	931.0	2354.5	4481.8	6533.2	7074.5
75°	205.7	208.4	230.0	276.1	324.8	416.8	646.8	1626.5	3575.1	5282.8	5778.1
77.5°	186.7	189.4	194.9	232.7	273.3	322.1	457.4	966.2	2522.3	4037.9	4297.7
80°	178.6	178.6	165.1	192.2	224.6	251.7	305.8	554.8	1618.4	2722.6	2931.0
82.5°	127.2	124.5	113.7	119.1	138.0	138.0	157.0	230.0	619.8	1150.2	1247.6
85°	8.1	8.1	13.5	16.2	24.4	32.5	40.6	54.1	157.0	213.8	221.9
87.5°	2.7	2.7	2.7	2.7	2.7	5.4	5.4	5.4	8.1	10.8	10.8
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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CATALOG NUMBER: MEM2-HTN-SA-100-750-U-T1

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4	3434.4
2.5°	3431.7	3434.4	3434.4	3439.8	3445.2	3442.5	3439.8	3445.2	3437.1	3420.9	3418.1
5°	3442.5	3442.5	3439.8	3445.2	3450.6	3445.2	3439.8	3439.8	3434.4	3418.1	3415.4
7.5°	3464.2	3461.5	3461.5	3461.5	3461.5	3453.3	3445.2	3439.8	3431.7	3415.4	3407.3
10°	3493.9	3491.2	3488.5	3485.8	3472.3	3464.2	3450.6	3442.5	3431.7	3412.7	3407.3
12.5°	3526.4	3521.0	3515.6	3518.3	3491.2	3466.9	3453.3	3434.4	3426.3	3383.0	3374.8
15°	3558.9	3550.8	3548.1	3537.2	3510.2	3475.0	3447.9	3420.9	3393.8	3353.2	3339.7
17.5°	3602.2	3596.8	3580.5	3569.7	3531.8	3483.1	3442.5	3404.6	3369.4	3320.7	3312.6
20°	3653.6	3648.2	3632.0	3610.3	3561.6	3502.0	3445.2	3385.7	3342.4	3285.5	3272.0
22.5°	3710.4	3702.3	3688.8	3664.4	3602.2	3531.8	3453.3	3374.8	3309.9	3244.9	3236.8
25°	3770.0	3764.6	3751.0	3715.8	3648.2	3561.6	3453.3	3337.0	3255.8	3198.9	3174.6
27.5°	3826.8	3824.1	3807.9	3767.3	3696.9	3583.2	3429.0	3274.7	3166.5	3090.7	3074.4
30°	3899.9	3894.5	3875.5	3829.5	3751.0	3596.8	3380.3	3169.2	3033.8	2949.9	2925.6
32.5°	3989.2	3983.8	3956.7	3899.9	3816.0	3599.5	3309.9	3033.8	2855.2	2765.9	2736.1
35°	4108.3	4097.4	4062.3	3994.6	3878.2	3572.4	3185.4	2860.6	2641.4	2525.0	2484.5
37.5°	4238.2	4224.6	4178.6	4094.7	3921.5	3499.3	3009.5	2627.9	2378.9	2240.9	2211.1
40°	4397.9	4378.9	4308.5	4192.2	3937.8	3372.1	2811.9	2389.7	2124.5	1972.9	1937.8
42.5°	4598.1	4565.7	4452.0	4300.4	3905.3	3198.9	2576.5	2143.4	1840.3	1699.6	1691.5
45°	4839.0	4787.6	4617.1	4406.0	3834.9	2982.4	2327.5	1867.4	1577.8	1439.8	1404.6
47.5°	5123.2	5060.9	4809.2	4487.2	3696.9	2760.5	2059.5	1599.5	1334.2	1193.5	1166.4
50°	5437.1	5377.6	5012.2	4533.2	3548.1	2500.7	1797.0	1361.3	1096.1	979.7	979.7
52.5°	5818.7	5683.4	5207.1	4538.6	3320.7	2213.8	1545.3	1128.6	920.2	817.3	795.7
55°	6224.7	6065.0	5383.0	4489.9	3085.3	1951.3	1274.7	939.1	755.1	682.0	663.1
57.5°	6676.6	6433.0	5510.2	4392.4	2787.6	1664.4	1063.6	774.0	636.0	576.5	568.3
60°	7131.3	6817.4	5586.0	4227.4	2470.9	1399.2	885.0	646.8	546.7	503.4	495.3
62.5°	7553.5	7131.3	5591.4	3986.5	2162.4	1166.4	725.3	557.5	484.4	452.0	452.0
65°	7918.8	7393.8	5499.3	3678.0	1770.0	936.4	598.1	470.9	422.2	387.0	378.9
67.5°	8097.5	7493.9	5337.0	3255.8	1418.1	741.5	503.4	408.7	362.7	308.5	303.1
70°	7845.8	7204.4	4920.2	2714.5	1096.1	590.0	419.5	349.1	303.1	257.1	251.7
72.5°	7042.0	6433.0	4246.3	2102.9	825.4	476.3	349.1	297.7	249.0	224.6	219.2
75°	5761.9	5350.5	3355.9	1447.9	576.5	373.5	292.3	251.7	211.1	200.3	197.6
77.5°	4373.5	3978.4	2452.0	906.6	395.1	292.3	249.0	213.8	184.0	192.2	186.7
80°	2920.2	2738.8	1629.2	514.2	265.2	213.8	189.4	157.0	140.7	162.4	157.0
82.5°	1326.1	1255.8	765.9	224.6	119.1	92.0	65.0	48.7	37.9	35.2	40.6
85°	221.9	194.9	54.1	24.4	13.5	8.1	5.4	5.4	2.7	2.7	2.7
87.5°	10.8	8.1	8.1	5.4	2.7	2.7	2.7	2.7	2.7	0.0	0.0
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

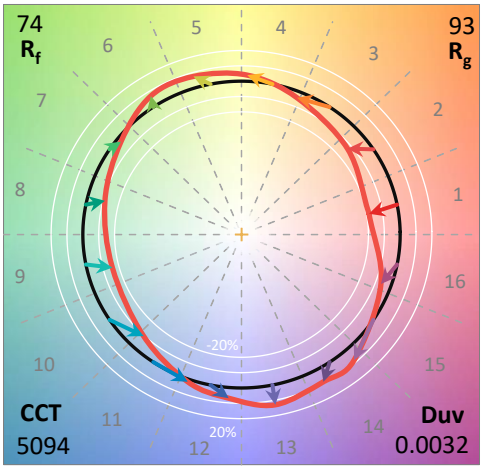
Test Information

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

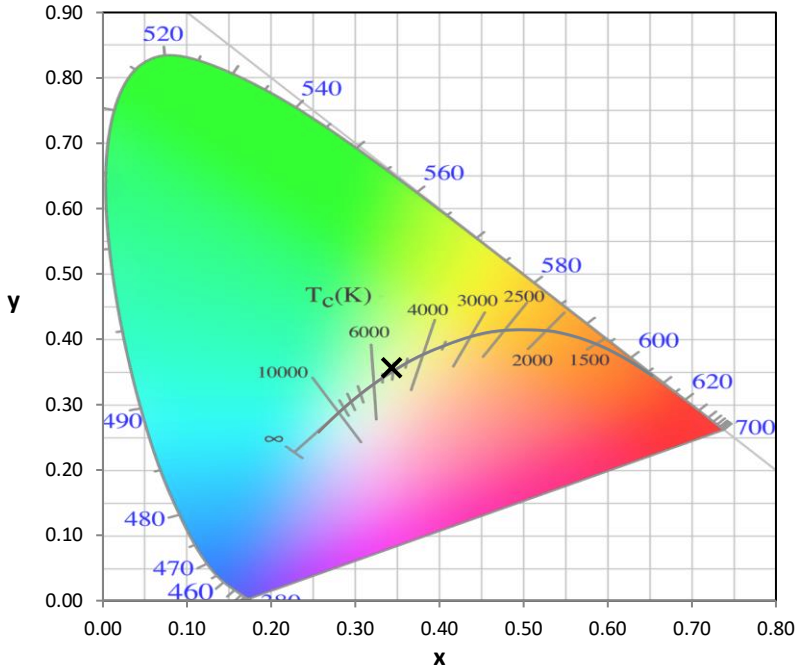
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2407-157-6

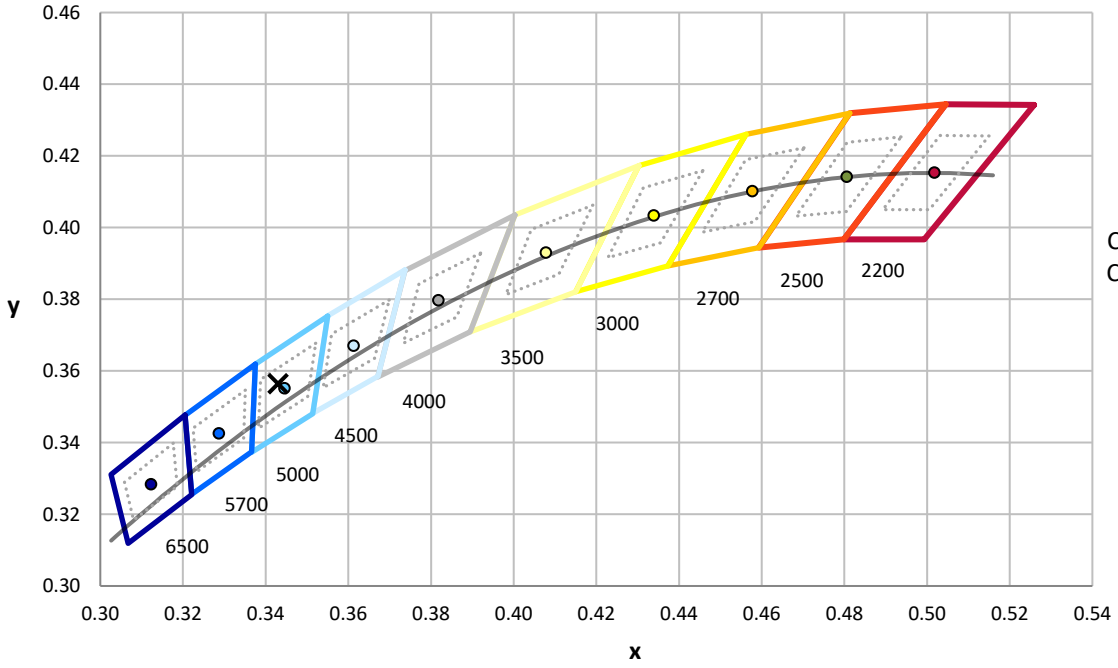
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

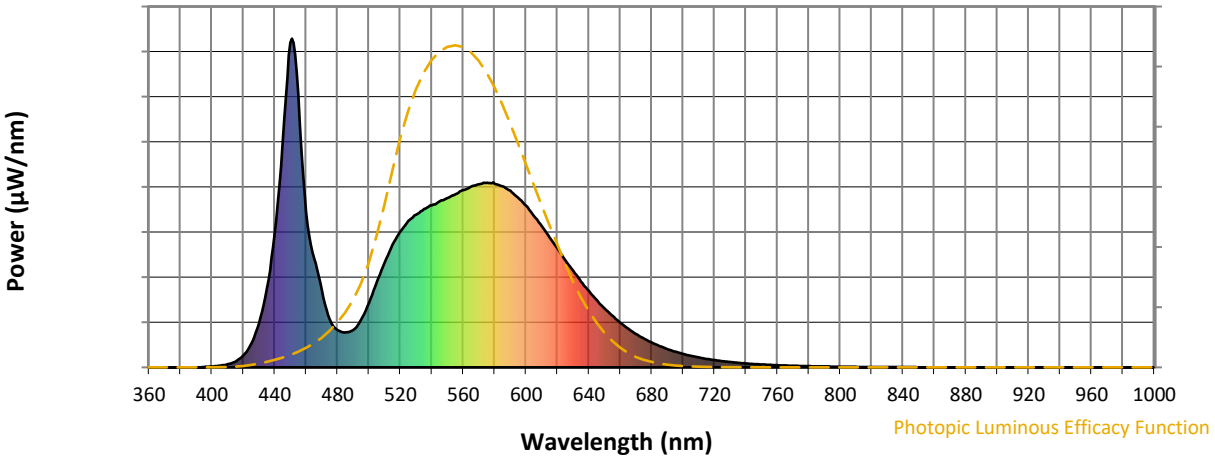


CCT = 5094K
CIE x = 0.3430
CIE y = 0.3564
Duv = 0.0032

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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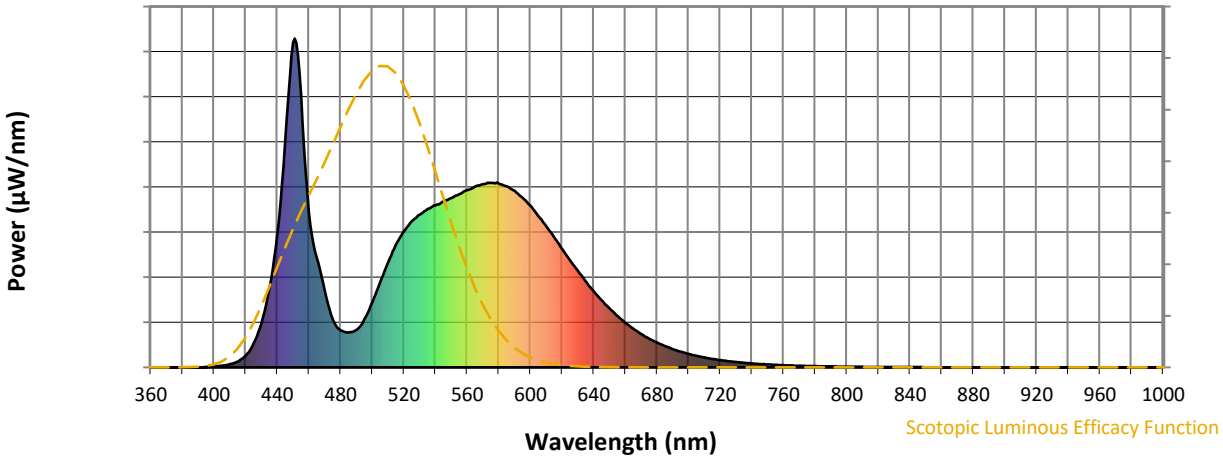
Scotopic Flux vs. Wavelength



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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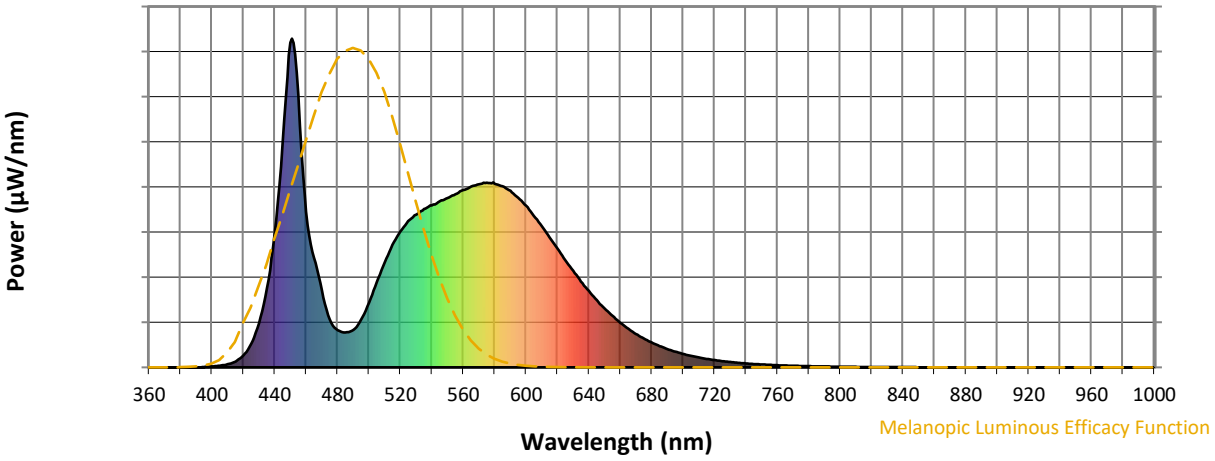
Melanopic Flux vs. Wavelength



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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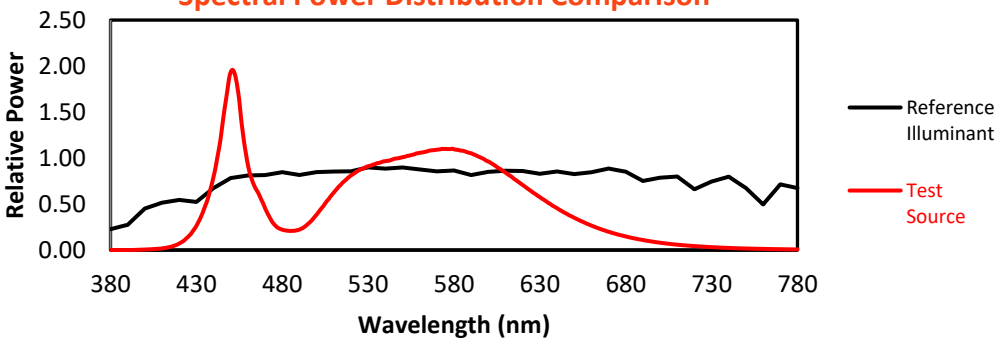
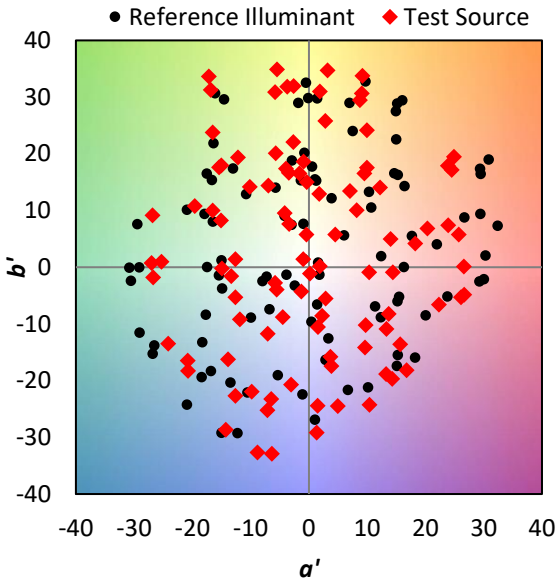
Summary

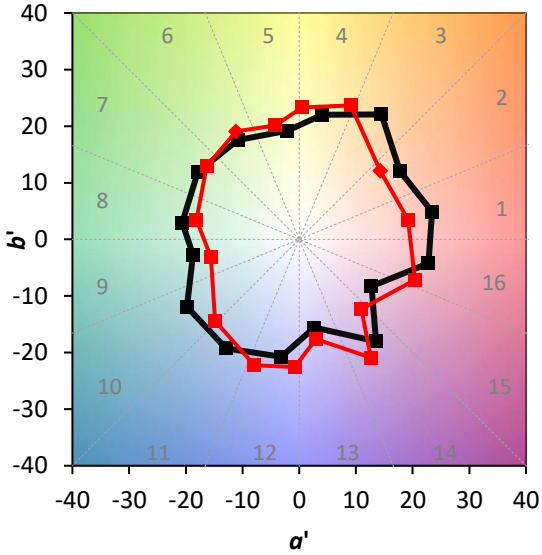
R_f = 73.7
R_g = 93
CIE R_a = 72.0
R_9 = -39.6

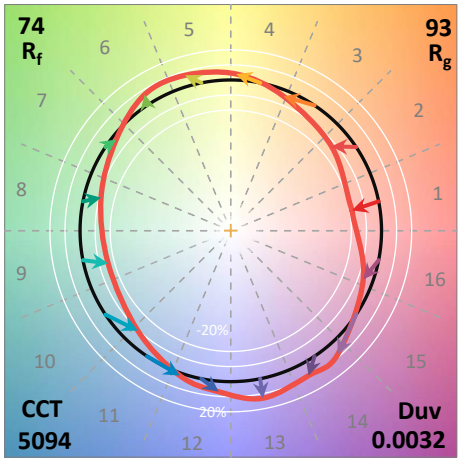
Spectral Power Distribution Comparison

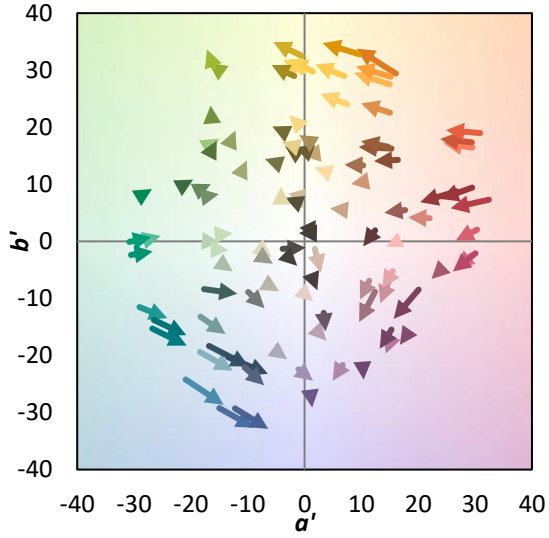


Color Vector Graphics









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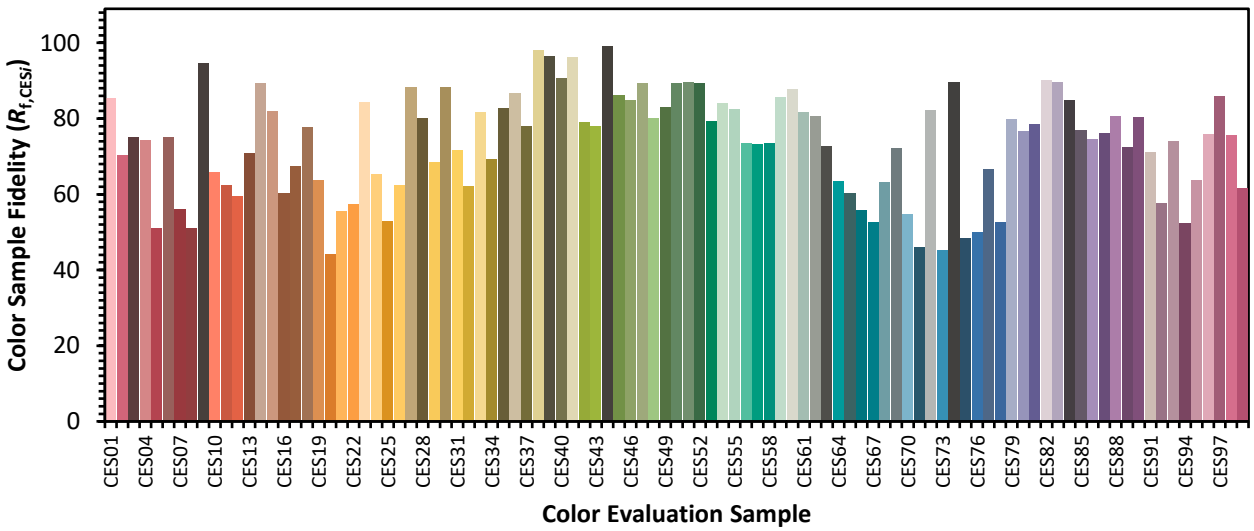
Individual Sample Fidelity Index ($R_{f,i}$)

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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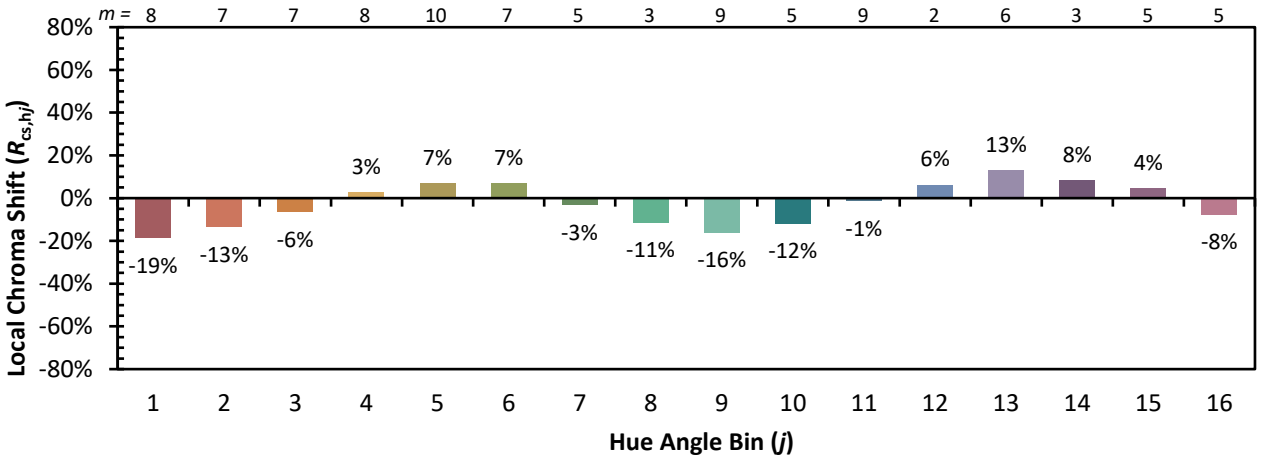
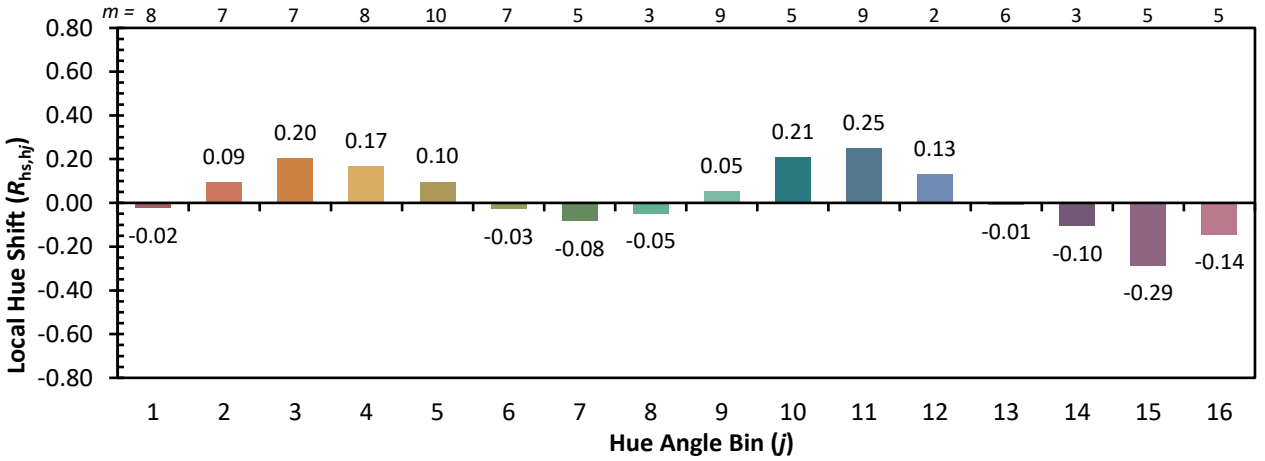
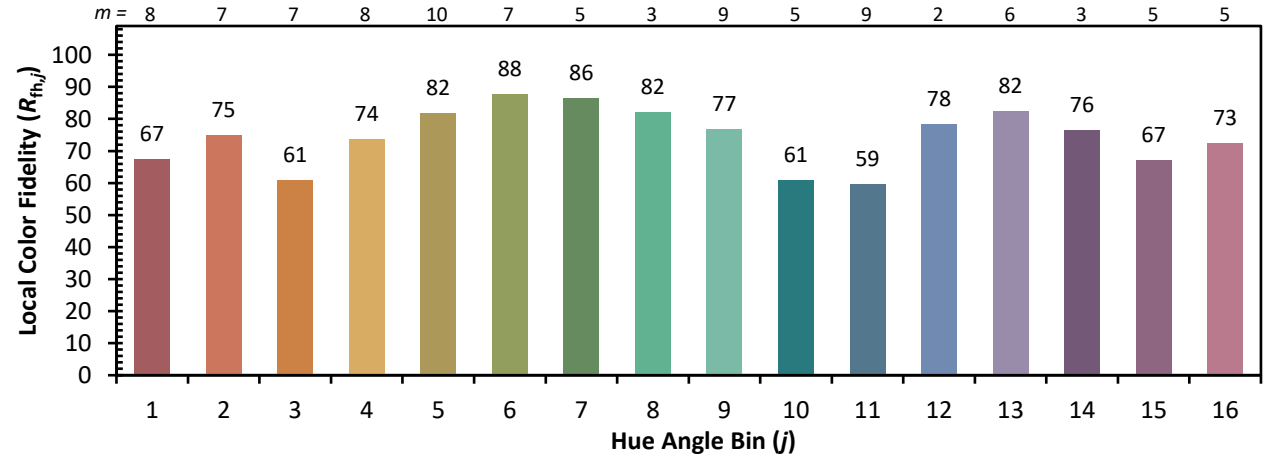
Color Rendition by Hue-Angle Bin







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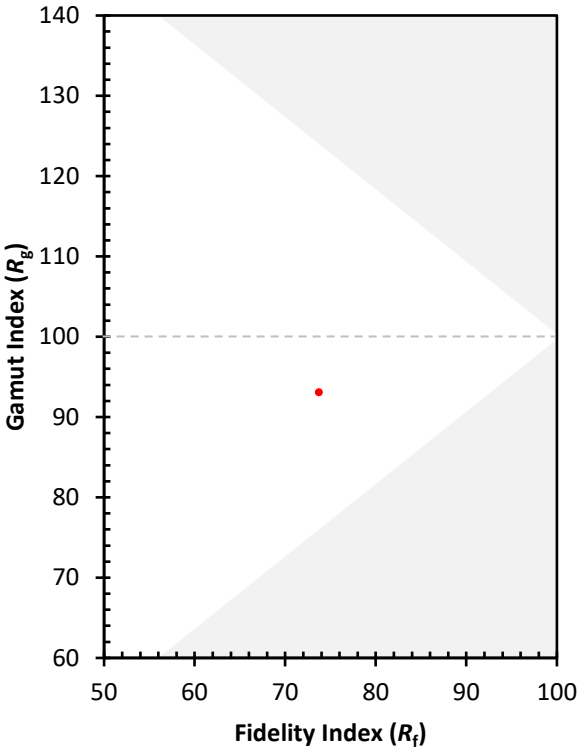
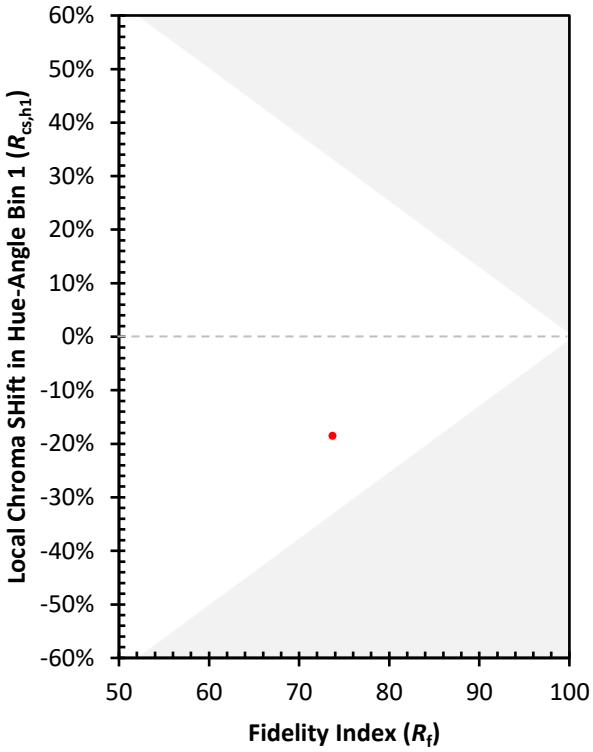
Measure Comparisons





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