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: INVUE

Report Number: P868409

Luminaire Tested: **EMM2-HTN-SA3B-750-U-T2R**

Issue Date: 08/22/2024

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:	P868409
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/22/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	INVUE
Catalog Number:	EMM2-HTN-SA3B-750-U-T2R
Description:	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 150W 70CRI 5000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(30) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18928.1 lumens
Efficiency:	N/A
Efficacy:	141.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	134
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.70%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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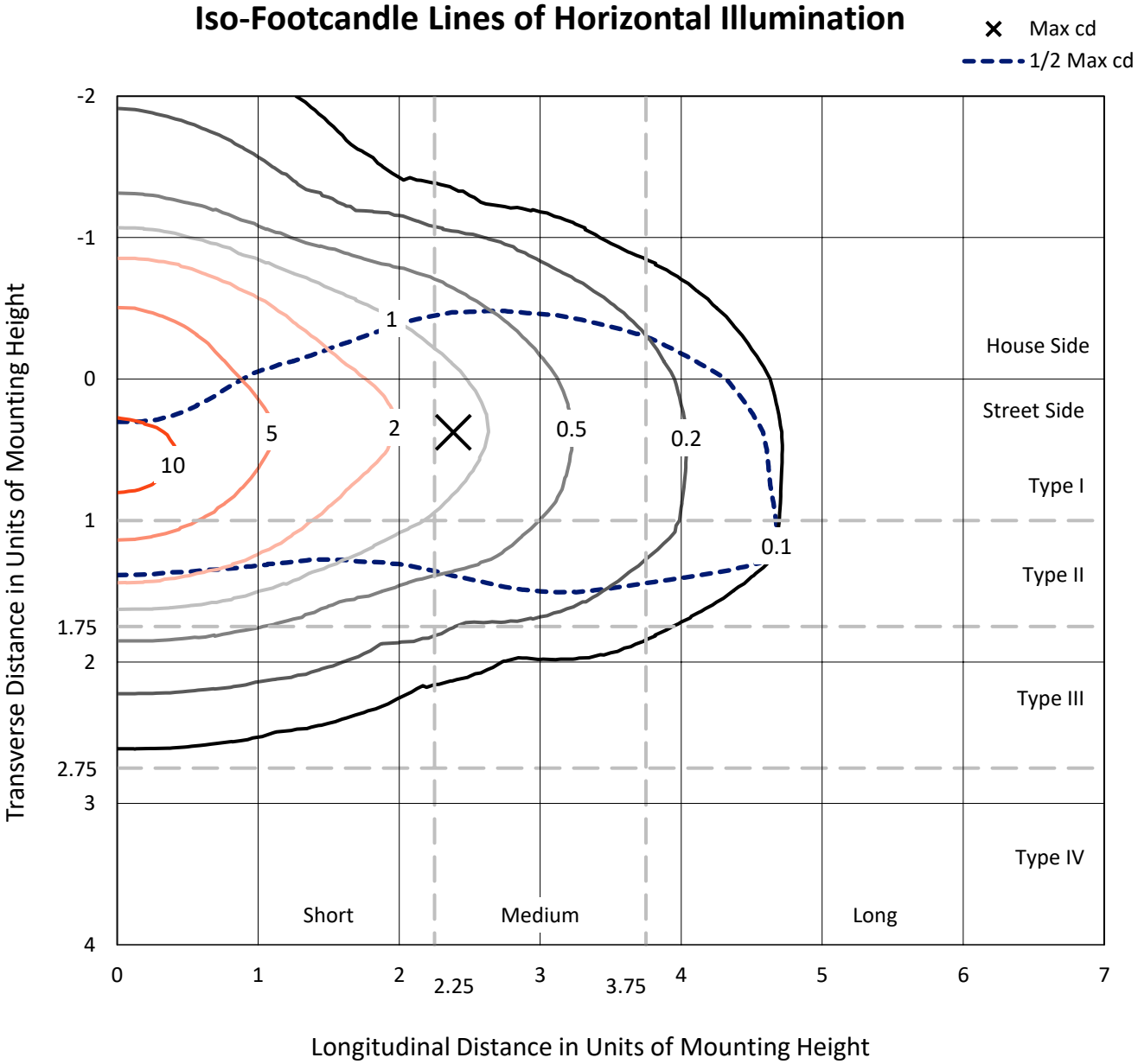
REPORT NUMBER: P868409
CATALOG NUMBER: EMM2-HTN-SA3B-750-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 12 fc
Type II - Medium - N/A

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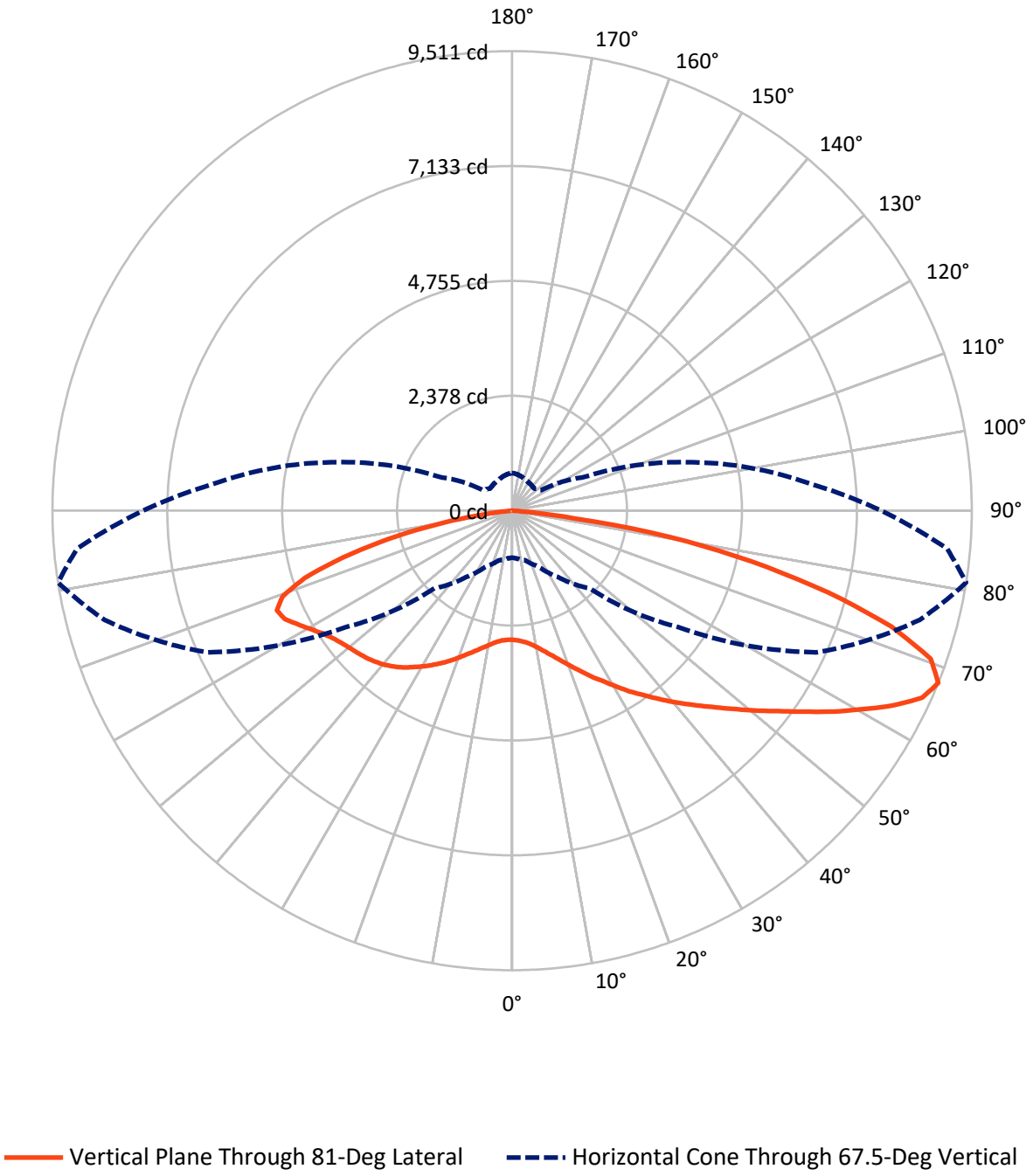
Luminous Intensity Polar Plot



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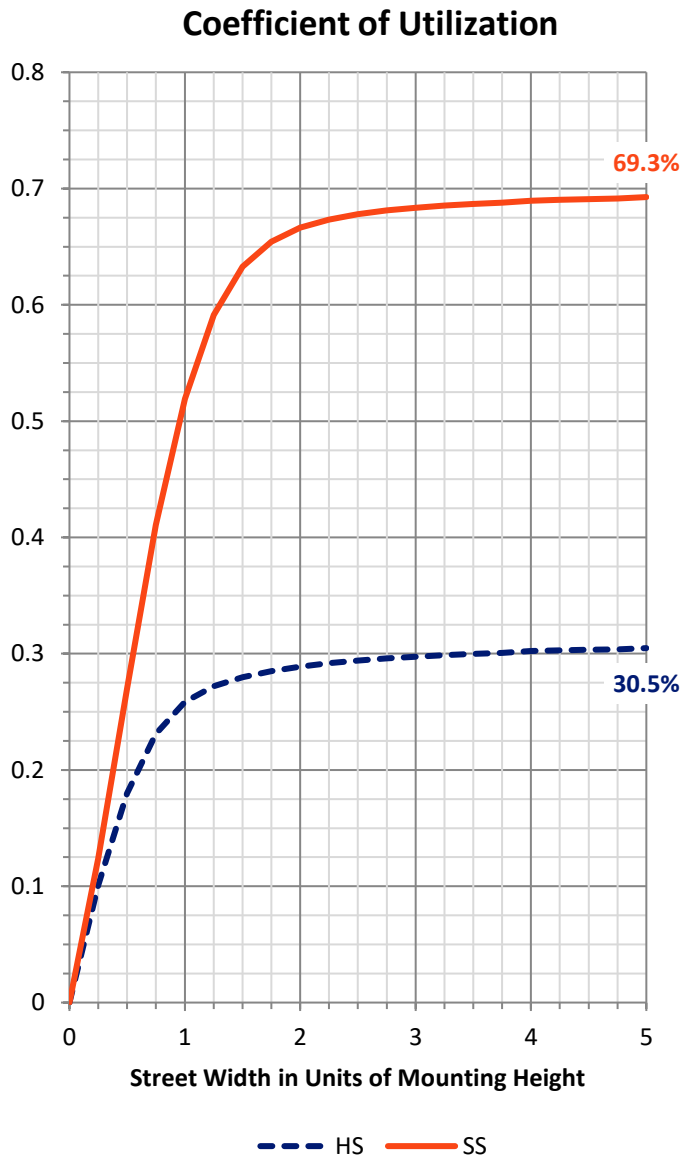
REPORT NUMBER: P868409
CATALOG NUMBER: EMM2-HTN-SA3B-750-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5800.0	0.0	5800.0
	% Fixture	30.6	0.0	30.6
Street Side	Lumens	13128.1	0.0	13128.1
	% Fixture	69.4	0.0	69.4
Total	Lumens	18928.1	0.0	18928.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.5	1.4
10°-20°	967.4	5.1
20°-30°	1926.7	10.2
30°-40°	3026.8	16.0
40°-50°	3753.8	19.8
50°-60°	3669.6	19.4
60°-70°	3085.9	16.3
70°-80°	1960.8	10.4
80°-90°	264.7	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°	18928.1	100.0
0°-180°	18928.1	100.0



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REPORT NUMBER: P868409
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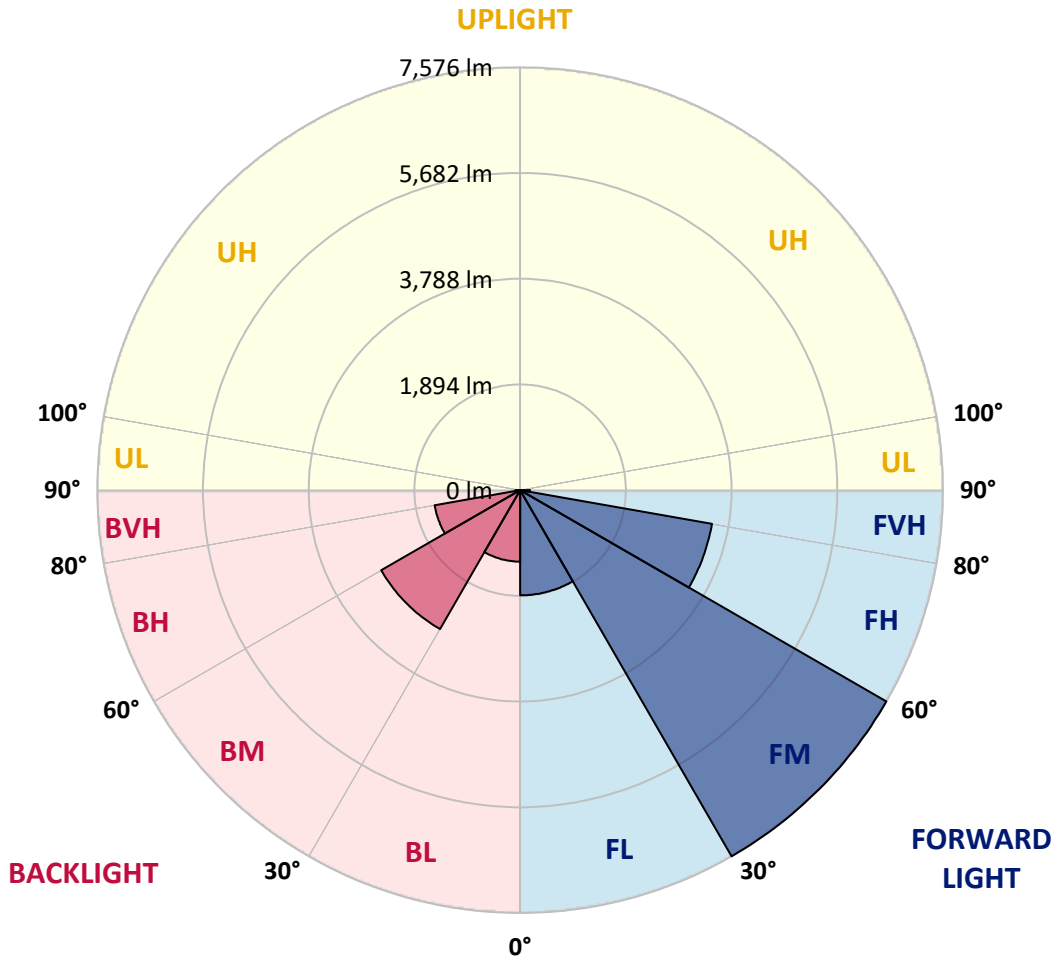
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1885.4	10.0			
FM	(30°-60°)	7575.6	40.0			
FH	(60°-80°)	3489.8	18.4			G2/5000
FVH	(80°-90°)	177.3	0.9			G2/225
BL	(0°-30°)	1281.1	6.8	B3/2500		
BM	(30°-60°)	2874.6	15.2	B3/5000		
BH	(60°-80°)	1556.9	8.2	B3/2500		G3/2500
BVH	(80°-90°)	87.3	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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Scaled Data Report

REPORT NUMBER: P868409
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	*2672.3*	2672.3
2.5°	2766.1	2762.4	2762.4	2732.4	2732.4	2724.9	2728.6	2706.1	2694.8	*2691.1*	2687.3
5°	2965.1	2965.1	2942.6	2923.8	2886.3	2852.5	2822.4	2777.4	2743.6	*2728.6*	2717.4
7.5°	3265.3	3242.8	3235.3	3179.0	3100.2	3032.6	2972.6	2875.0	2811.2	*2788.7*	2773.7
10°	3633.1	3603.1	3546.8	3483.0	3381.7	3280.3	3160.2	3028.9	2923.8	*2878.7*	2860.0
12.5°	4012.2	3970.9	3892.1	3832.1	3700.7	3546.8	3377.9	3197.8	3051.4	*2987.6*	2953.8
15°	4428.8	4406.3	4312.5	4192.4	4038.5	3820.8	3610.6	3389.2	3201.5	*3111.4*	3055.1
17.5°	4879.2	4845.5	4744.1	4597.7	4380.0	4121.1	3877.1	3591.9	3374.2	*3257.8*	3194.0
20°	5322.1	5314.6	5164.5	5025.6	4770.4	4447.6	4132.3	3832.1	3558.1	*3423.0*	3340.4
22.5°	5817.5	5768.8	5637.4	5442.2	5138.2	4841.7	4470.1	4079.8	3757.0	*3599.4*	3505.5
25°	6331.7	6328.0	6166.6	5926.4	5569.8	5194.5	4792.9	4361.3	3993.5	*3802.0*	3678.2
27.5°	6969.8	6921.0	6714.6	6440.6	6027.7	5596.1	5130.7	4654.0	4218.7	*3989.7*	3839.6
30°	7529.0	7514.0	7281.3	6973.5	6511.9	5997.7	5494.8	4984.3	4485.1	*4214.9*	4049.8
32.5°	7983.2	7964.4	7765.5	7457.7	6962.3	6429.3	5851.3	5295.8	4751.6	*4458.9*	4241.2
35°	8362.2	8332.2	8125.8	7818.0	7390.2	6849.7	6234.2	5622.4	5044.4	*4687.8*	4481.4
37.5°	8512.4	8486.1	8317.2	8062.0	7667.9	7172.5	6579.5	5982.7	5337.1	*4946.8*	4714.1
40°	8456.1	8441.1	8321.0	8144.6	7844.3	7431.4	6909.7	6358.0	5667.4	*5220.8*	4943.0
42.5°	8189.6	8189.6	8114.5	8024.5	7874.3	7577.8	7202.5	6718.3	5986.4	*5494.8*	5160.7
45°	7814.3	7799.3	7773.0	7739.2	7716.7	7604.1	7393.9	7029.8	6339.2	*5795.0*	5423.5
47.5°	7315.1	7326.4	7307.6	7322.6	7416.4	7487.7	7476.5	7318.8	6699.6	*6125.3*	5682.4
50°	6530.7	6583.2	6643.3	6819.7	7011.1	7210.0	7393.9	7525.3	7123.7	*6500.6*	5982.7
52.5°	5558.6	5581.1	5742.5	6159.1	6568.2	6830.9	7180.0	7619.1	7499.0	*6891.0*	6335.5
55°	4361.3	4402.6	4646.5	5235.8	5963.9	6466.9	6876.0	7577.8	7881.8	*7337.6*	6748.3
57.5°	3126.5	3152.7	3543.1	4151.1	5100.7	5945.2	6530.7	7412.7	8189.6	*7844.3*	7172.5
60°	2221.9	2270.7	2522.2	3115.2	4027.2	5224.5	6215.4	7172.5	8474.8	*8339.7*	7727.9
62.5°	1640.2	1666.4	1842.8	2274.5	3025.1	4241.2	5806.3	6996.1	8662.5	*8872.7*	8283.4
65°	1234.8	1246.1	1366.2	1662.7	2263.2	3126.5	5160.7	6962.3	8767.6	*9326.8*	8775.1
67.5°	*972.1*	*990.9*	*1065.9*	*1268.6*	*1685.2*	*2274.5*	*4203.6*	*6939.8*	*8730.1*	*9510.7*	*9034.1*
70°	818.2	822.0	878.3	990.9	1261.1	1636.4	3141.5	6602.0	8519.9	*9188.0*	8793.9
72.5°	709.4	709.4	735.6	825.7	1013.4	1238.6	2139.4	5795.0	7986.9	*8208.4*	7960.7
75°	574.2	570.5	615.5	701.9	814.5	953.3	1437.5	4387.6	6868.5	*6755.9*	6553.2
77.5°	499.2	495.4	533.0	608.0	671.8	761.9	983.4	2848.7	5404.7	*5066.9*	4939.3
80°	427.9	416.6	446.6	517.9	551.7	593.0	679.3	1658.9	3531.8	*3321.6*	3167.7
82.5°	322.8	296.5	289.0	349.1	371.6	345.3	345.3	581.8	1283.6	*1294.9*	1197.3
85°	26.3	30.0	37.5	45.0	63.8	71.3	75.1	123.9	191.4	*183.9*	187.7
87.5°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	*15.0*	15.0
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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Scaled Data Report

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CATALOG NUMBER: EMM2-HTN-SA3B-750-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3	2672.3
2.5°	2683.6	2676.1	2668.6	2668.6	2668.6	2661.1	2657.3	2657.3	2653.6	2642.3	2638.5
5°	2709.8	2698.6	2687.3	2687.3	2687.3	2683.6	2679.8	2683.6	2679.8	2668.6	2664.8
7.5°	2762.4	2747.4	2732.4	2732.4	2739.9	2736.1	2736.1	2739.9	2736.1	2724.9	2721.1
10°	2837.5	2814.9	2807.4	2807.4	2814.9	2811.2	2807.4	2807.4	2803.7	2784.9	2792.4
12.5°	2920.0	2897.5	2890.0	2893.8	2890.0	2882.5	2886.3	2875.0	2871.2	2841.2	2837.5
15°	3025.1	2998.8	2983.8	2987.6	2976.3	2961.3	2946.3	2938.8	2923.8	2897.5	2890.0
17.5°	3145.2	3103.9	3085.2	3085.2	3062.7	3032.6	3010.1	2987.6	2965.1	2935.0	2927.5
20°	3261.6	3224.0	3194.0	3186.5	3141.5	3092.7	3051.4	3013.9	2987.6	2953.8	2946.3
22.5°	3408.0	3355.4	3314.1	3280.3	3212.8	3134.0	3070.2	3017.6	2980.1	2942.6	2931.3
25°	3561.8	3486.8	3419.2	3355.4	3261.6	3149.0	3058.9	2983.8	2935.0	2893.8	2886.3
27.5°	3715.7	3618.1	3520.6	3419.2	3276.6	3130.2	3002.6	2912.5	2848.7	2796.2	2788.7
30°	3880.9	3760.8	3606.9	3460.5	3272.8	3081.4	2920.0	2792.4	2717.4	2657.3	2649.8
32.5°	4049.8	3899.6	3689.4	3490.5	3254.1	3010.1	2799.9	2664.8	2571.0	2503.4	2484.7
35°	4237.4	4053.5	3764.5	3501.8	3201.5	2905.0	2672.3	2503.4	2394.6	2327.0	2312.0
37.5°	4428.8	4196.1	3813.3	3494.3	3126.5	2781.2	2507.2	2334.5	2206.9	2113.1	2098.1
40°	4624.0	4327.5	3843.3	3456.7	3021.4	2627.3	2353.3	2143.1	1959.2	1872.9	1831.6
42.5°	4804.2	4447.6	3858.3	3404.2	2905.0	2465.9	2150.6	1876.6	1704.0	1610.1	1628.9
45°	4991.8	4560.2	3862.1	3340.4	2751.1	2259.5	1895.4	1640.2	1467.5	1396.2	1388.7
47.5°	5153.2	4654.0	3854.6	3250.3	2578.5	2023.0	1628.9	1385.0	1257.3	1189.8	1182.3
50°	5367.2	4759.1	3843.3	3145.2	2353.3	1752.8	1381.2	1182.3	1065.9	1013.4	1009.6
52.5°	5581.1	4875.5	3835.8	2998.8	2116.8	1497.5	1156.0	998.4	919.5	893.3	885.8
55°	5862.6	5018.1	3839.6	2830.0	1846.6	1234.8	979.6	870.8	829.5	818.2	818.2
57.5°	6185.4	5202.0	3862.1	2642.3	1565.1	1020.9	852.0	803.2	799.4	806.9	810.7
60°	6575.7	5446.0	3907.1	2447.1	1306.1	863.2	776.9	773.2	784.4	810.7	818.2
62.5°	7014.8	5712.5	3963.4	2191.9	1058.4	758.2	735.6	750.7	765.7	795.7	799.4
65°	7401.4	6012.7	3997.2	1947.9	885.8	698.1	709.4	716.9	754.4	795.7	795.7
67.5°	*7634.1*	*6230.4*	*3869.6*	*1640.2*	*739.4*	*645.6*	*668.1*	*690.6*	*731.9*	*769.4*	*776.9*
70°	7555.3	6159.1	3434.2	1272.4	626.8	596.8	623.0	656.8	698.1	743.1	765.7
72.5°	7007.3	5652.4	2788.7	927.1	544.2	551.7	585.5	630.5	668.1	716.9	746.9
75°	5858.8	4717.8	2011.7	668.1	476.7	506.7	559.2	596.8	623.0	634.3	638.1
77.5°	4447.6	3468.0	1369.9	499.2	412.9	454.1	510.4	551.7	559.2	566.7	574.2
80°	2905.0	2206.9	773.2	349.1	315.3	371.6	416.6	461.7	446.6	469.2	476.7
82.5°	1227.3	964.6	352.8	172.6	146.4	157.6	168.9	150.1	138.9	138.9	120.1
85°	161.4	123.9	52.5	22.5	18.8	11.3	11.3	11.3	7.5	7.5	7.5
87.5°	15.0	15.0	11.3	11.3	7.5	7.5	3.8	7.5	3.8	3.8	3.8
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-40-750-U-5WQ-2

Data in this report applies to families of products including MEM2-HTN-SA-40-750-U-5WQ-2

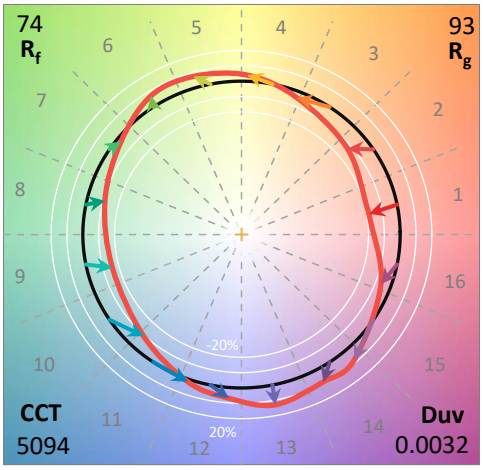
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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-40-750-U-5WQ-2**
Description:	Epic Modern Light Square 40W 5WQ Optic and Flare Trim

Spectral Parameters

CCT (K):	5094	CRI (Ra):	72.0		
CIE u':	0.2082	R1:	68.6	R9:	-39.6
CIE v':	0.4867	R2:	78.1	R10:	47.6
Duv:	0.0032	R3:	84.6	R11:	68.2
CIE x:	0.3430	R4:	71.6	R12:	41.4
CIE y:	0.3564	R5:	69.6	R13:	70.4
CIE z:	0.3006	R6:	69.4	R14:	91.4
Peak Wavelength (nm):	451	R7:	80.9	R15:	61.4
Dominant Wavelength (nm):	568	R8:	53.1		
Purity:	9.86439				
Rf:	73.7				
Rg:	93				



Test Conditions

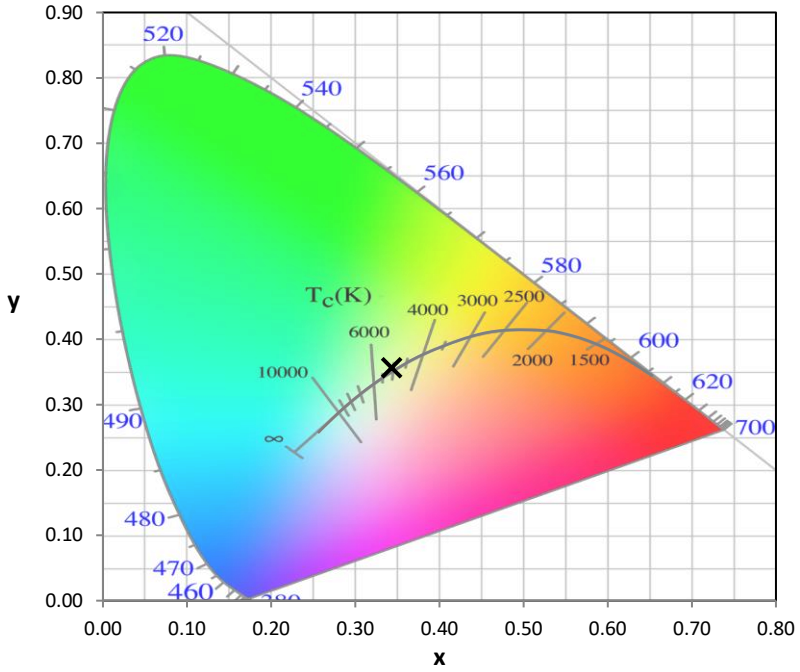
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2407-157-6

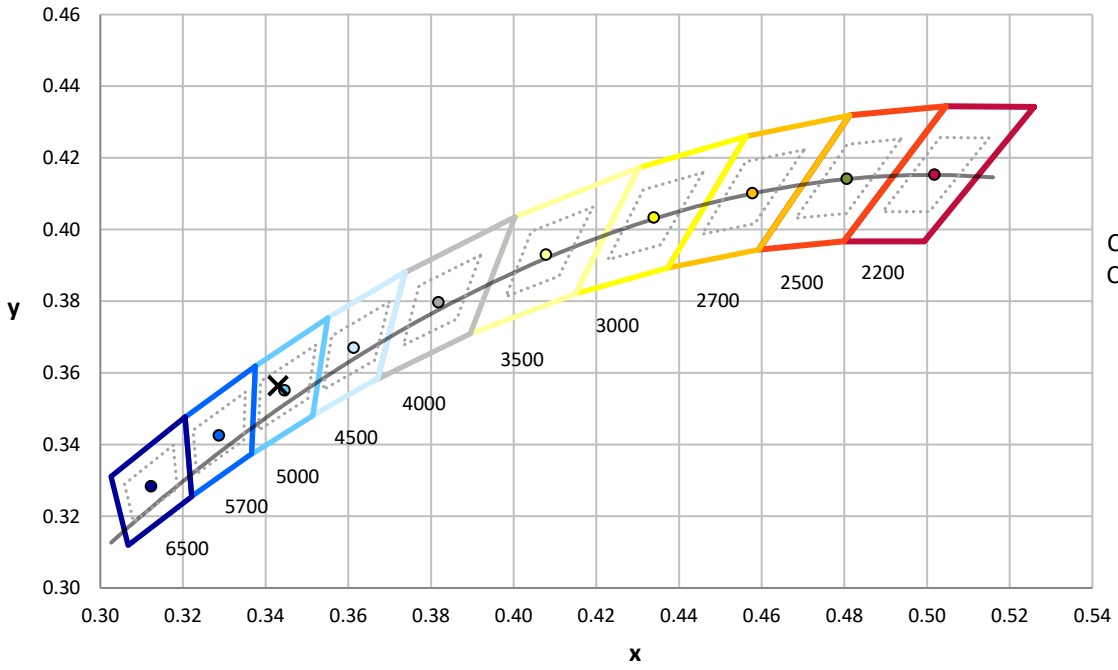
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

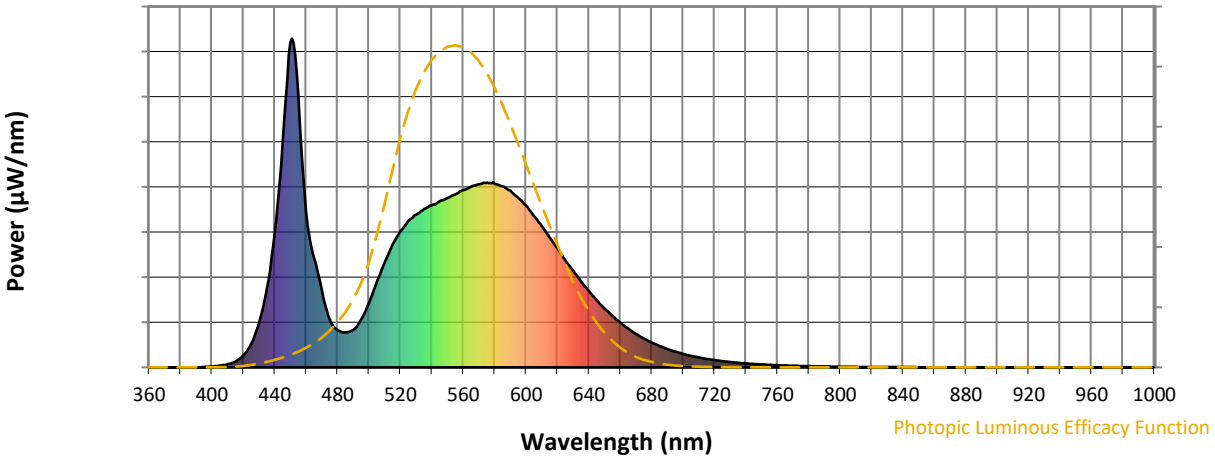


CCT = 5094K
CIE x = 0.3430
CIE y = 0.3564
Duv = 0.0032

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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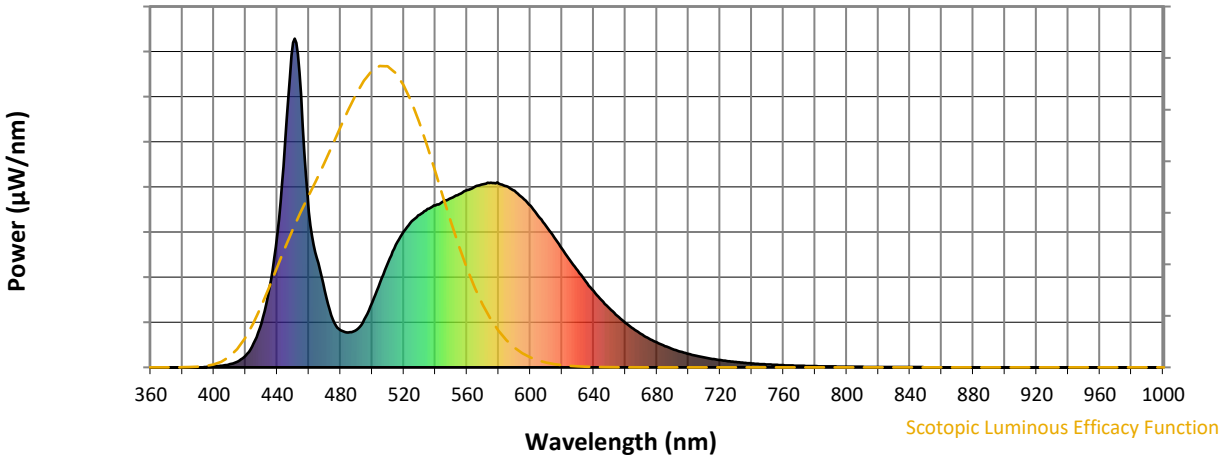
Scotopic Flux vs. Wavelength



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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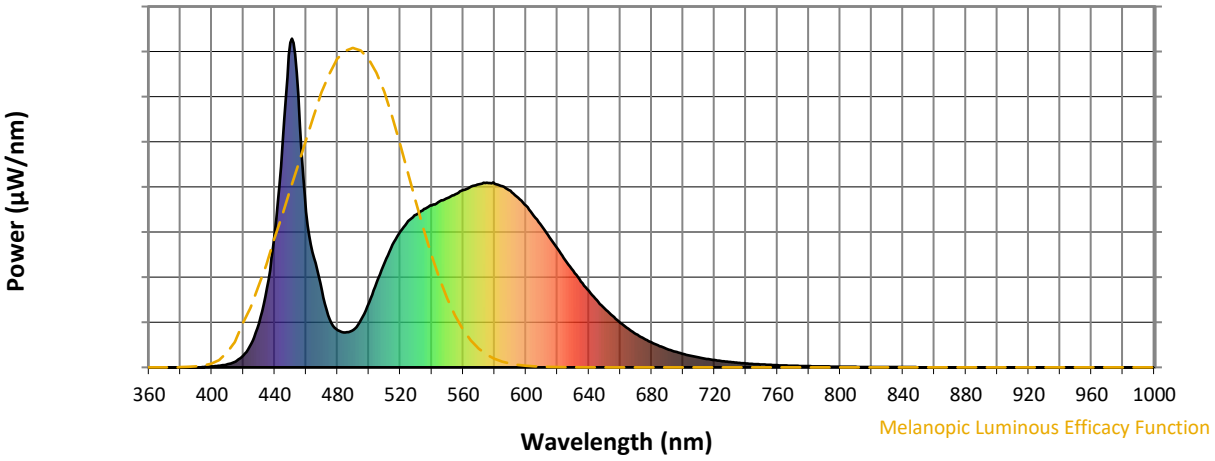
Melanopic Flux vs. Wavelength



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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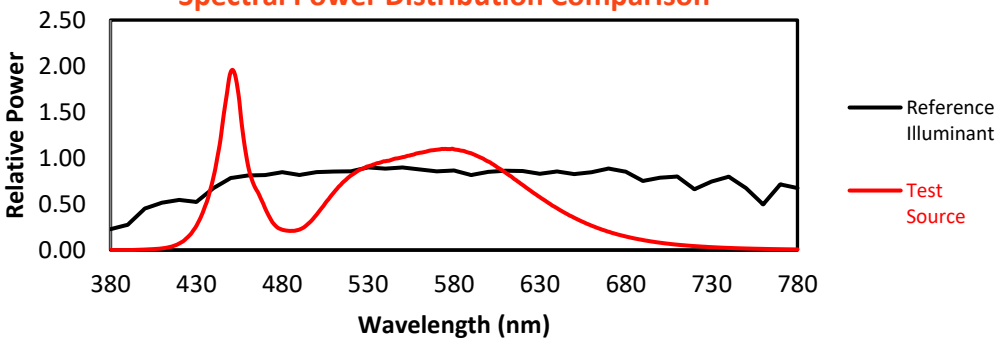
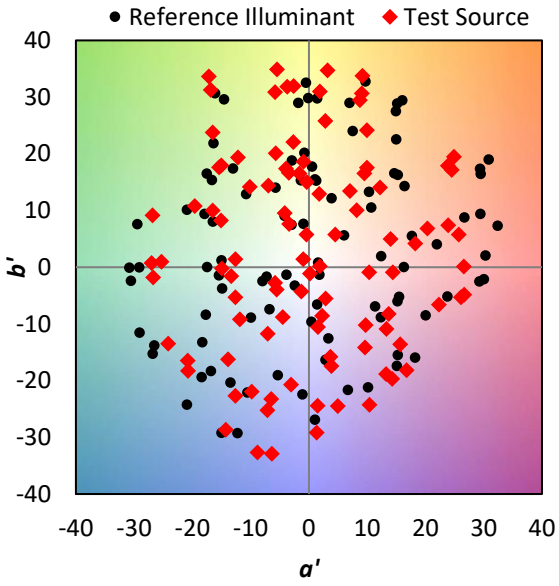
Summary

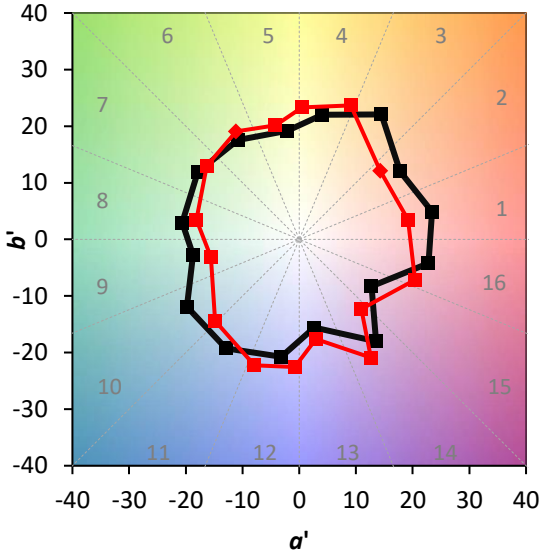
R_f = 73.7
R_g = 93
CIE R_a = 72.0
R_9 = -39.6

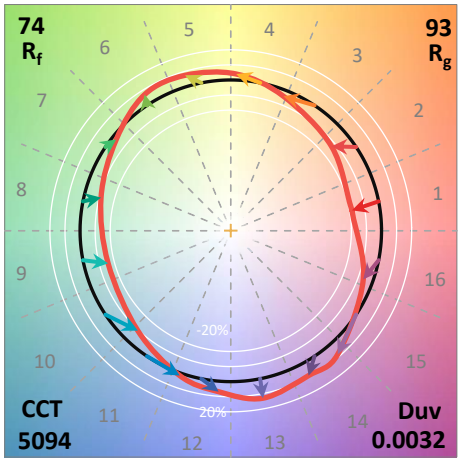
Spectral Power Distribution Comparison

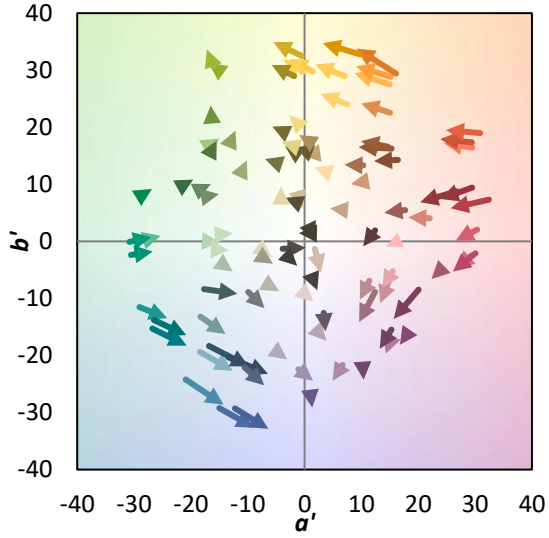


Color Vector Graphics









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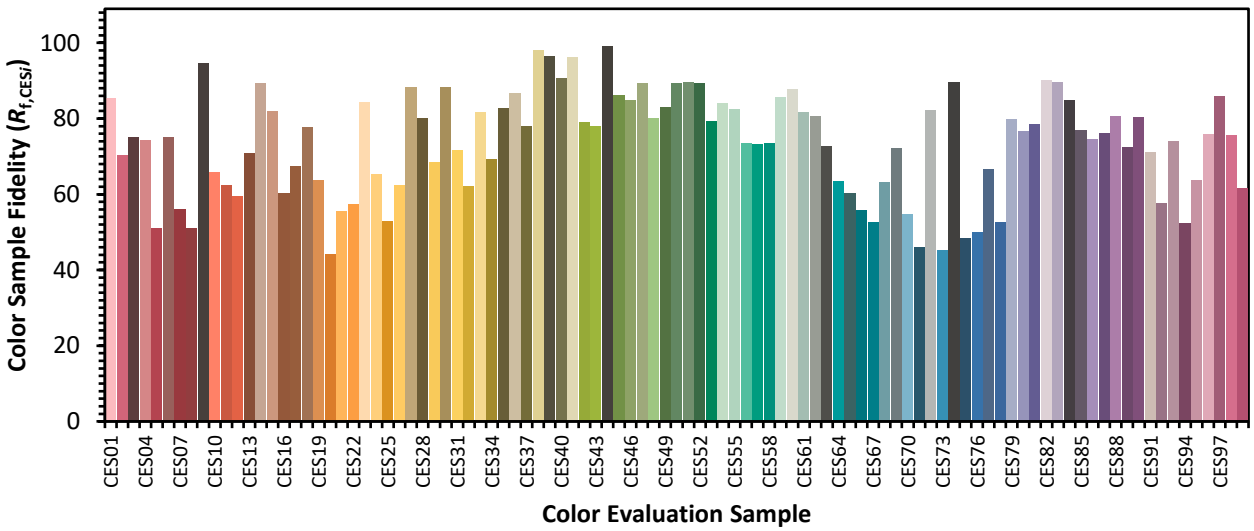
Individual Sample Fidelity Index ($R_{f,i}$)

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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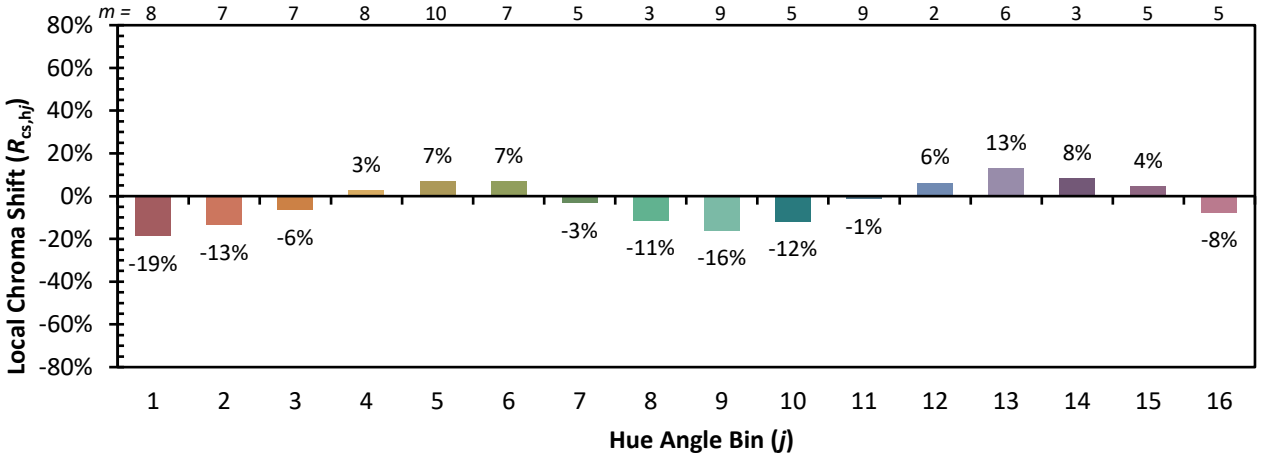
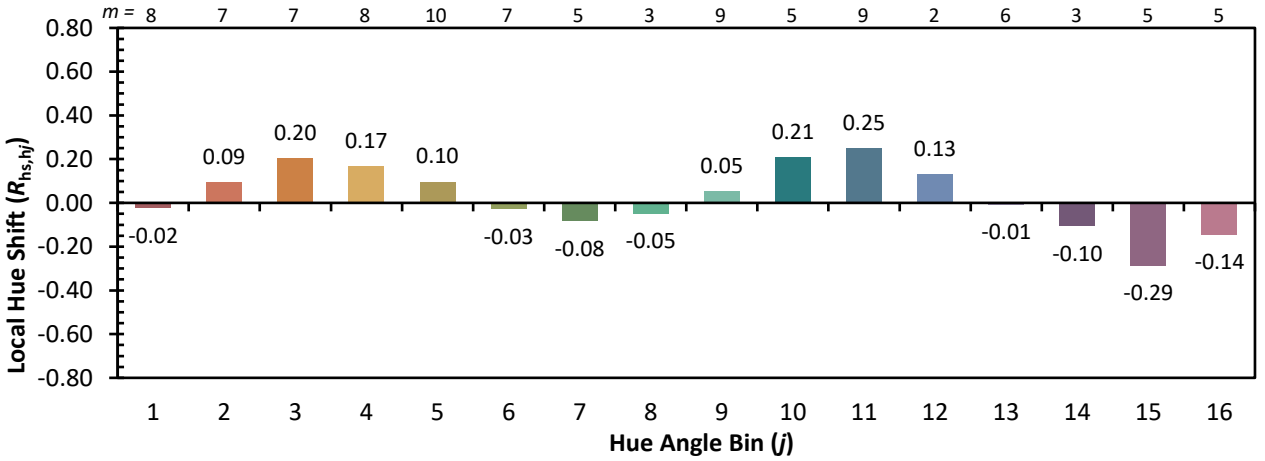
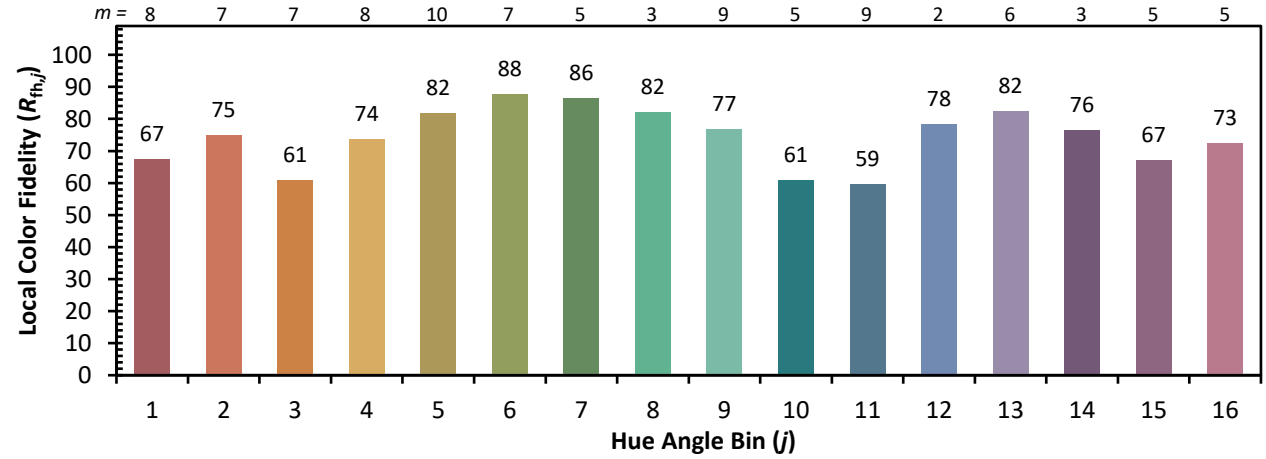
Color Rendition by Hue-Angle Bin







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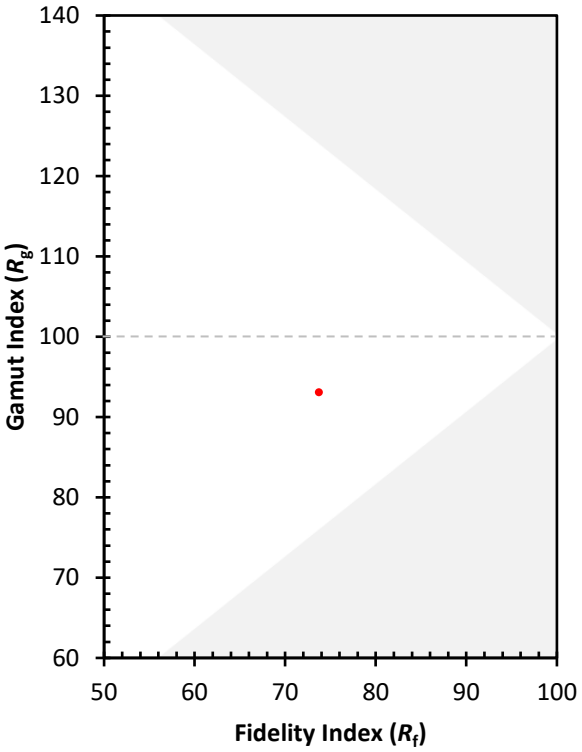
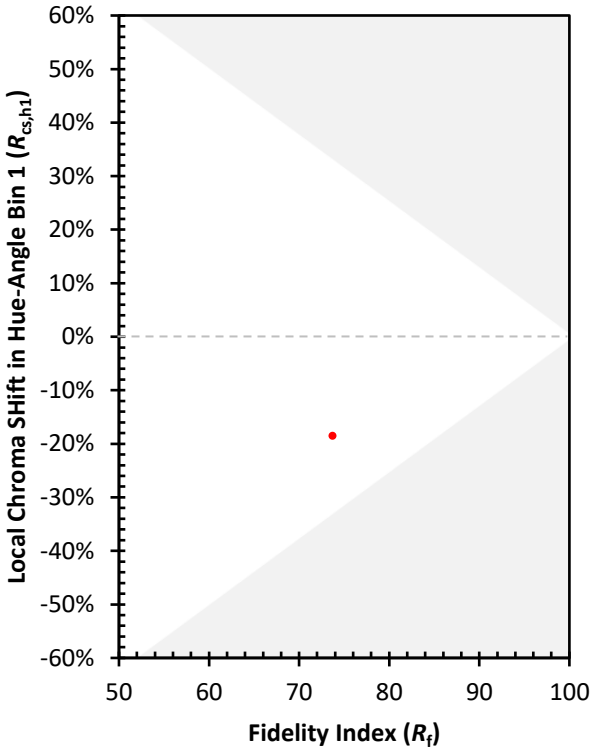
Measure Comparisons





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