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: P867447

Luminaire Tested: **MEM2-HTN-SA-110-730-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:	P867447
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-T1
Description:	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 110W 70CRI 3000K FIXTURE w/ TYPE 1 DISTRIBUTION OPTIC
Light Source:	(30) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16529.5 lumens
Efficiency:	N/A
Efficacy:	146.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.33' x H: 0')
IES Classification:	Type I - Short
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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Scaled Data Report

REPORT NUMBER: P867447
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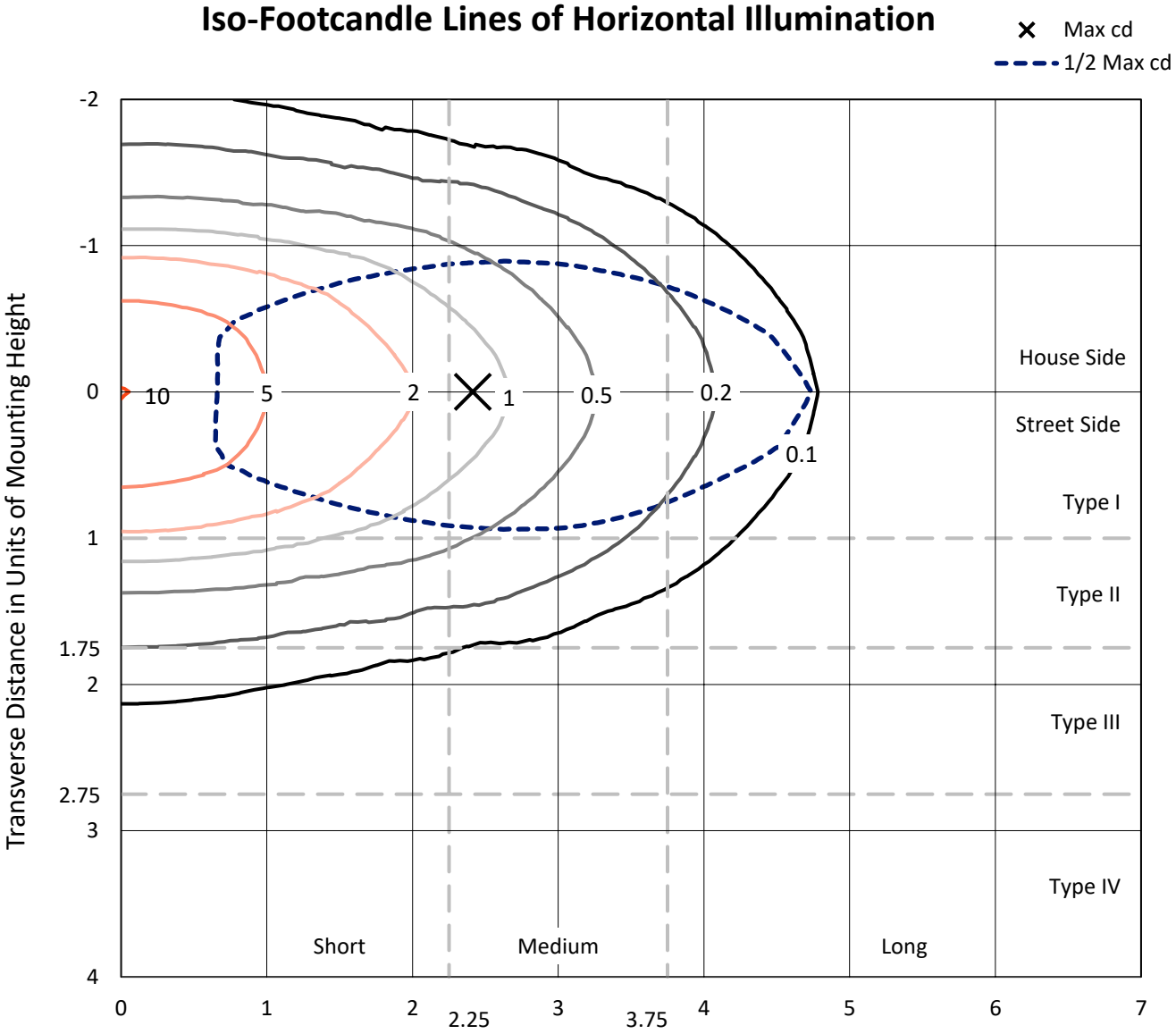
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 10.1 fc
Type I - Short - N/A

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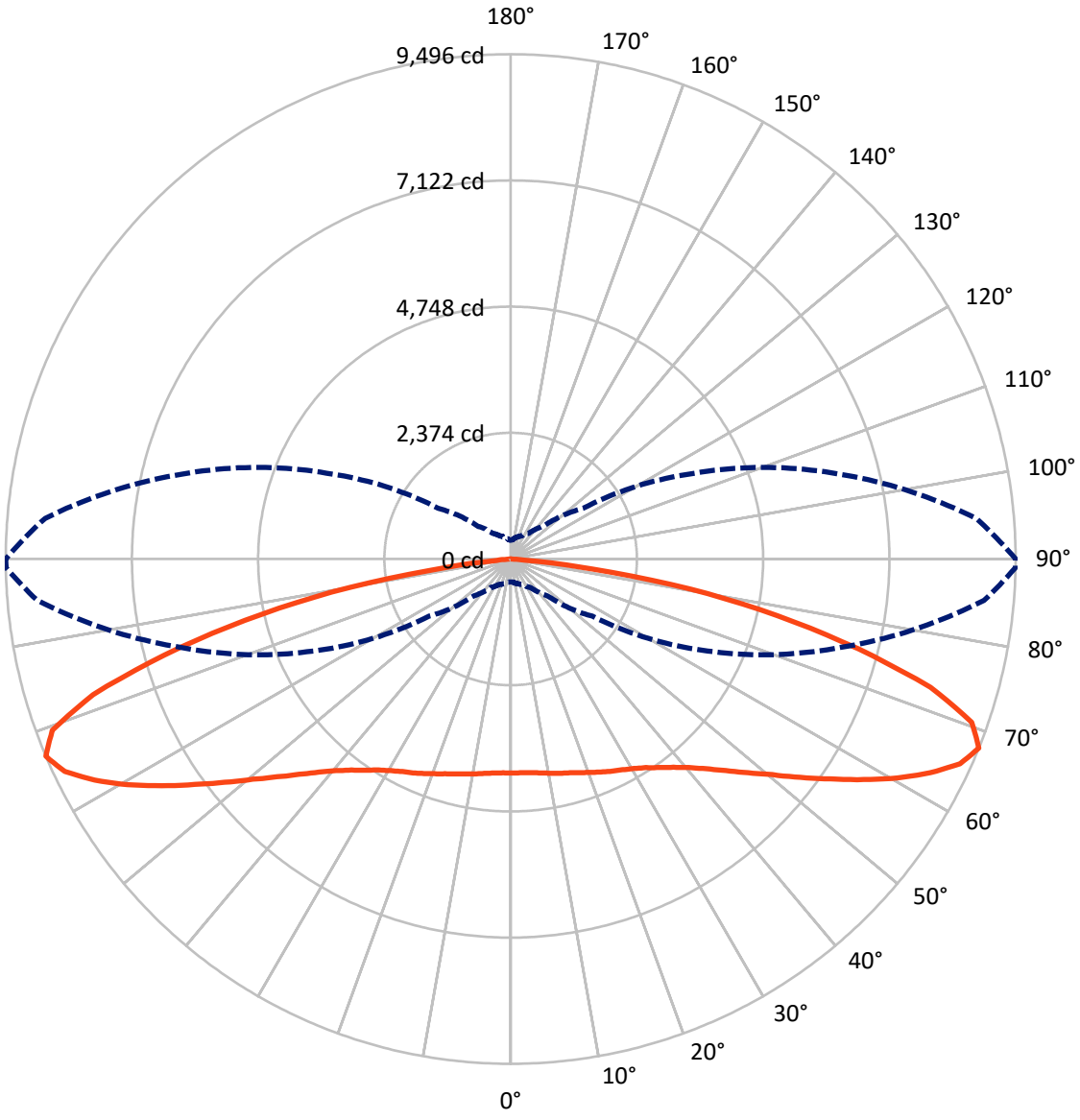
Luminous Intensity Polar Plot



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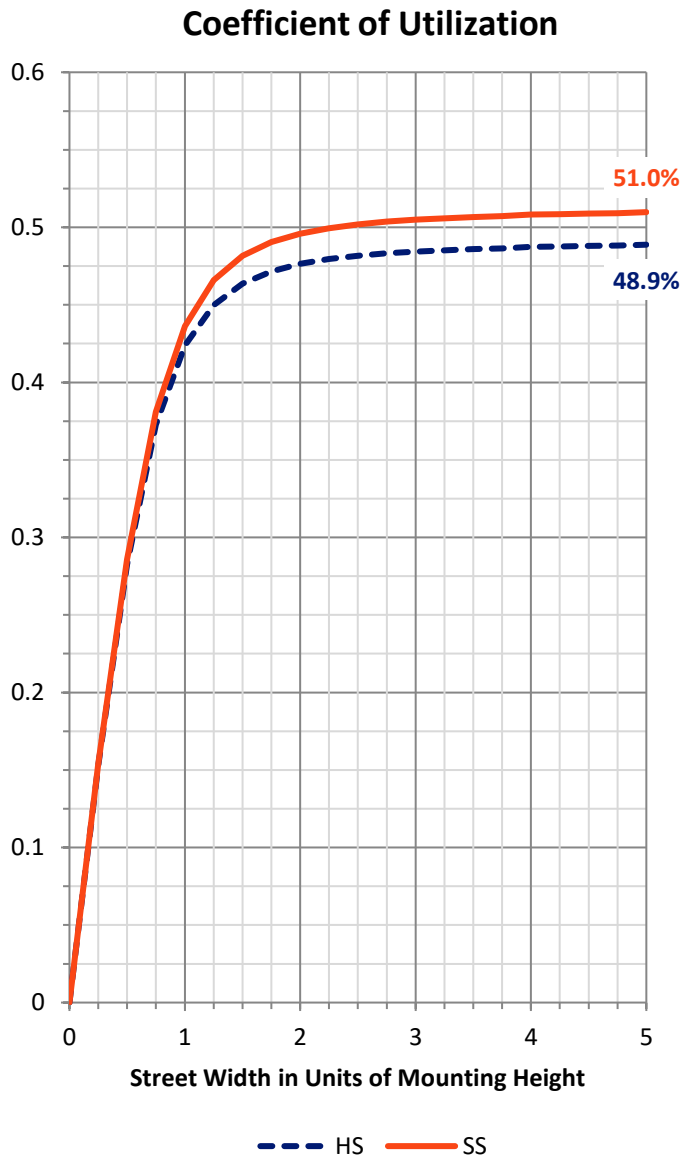
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8118.0	0.0	8118.0
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	8411.5	0.0	8411.5
	% Fixture	50.9	0.0	50.9
Total	Lumens	16529.5	0.0	16529.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	386.0	2.3
10°-20°	1159.9	7.0
20°-30°	1919.6	11.6
30°-40°	2545.4	15.4
40°-50°	2869.9	17.4
50°-60°	2942.0	17.8
60°-70°	2778.7	16.8
70°-80°	1705.0	10.3
80°-90°	223.1	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°	16529.5	100.0
0°-180°	16529.5	100.0



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REPORT NUMBER: P867447
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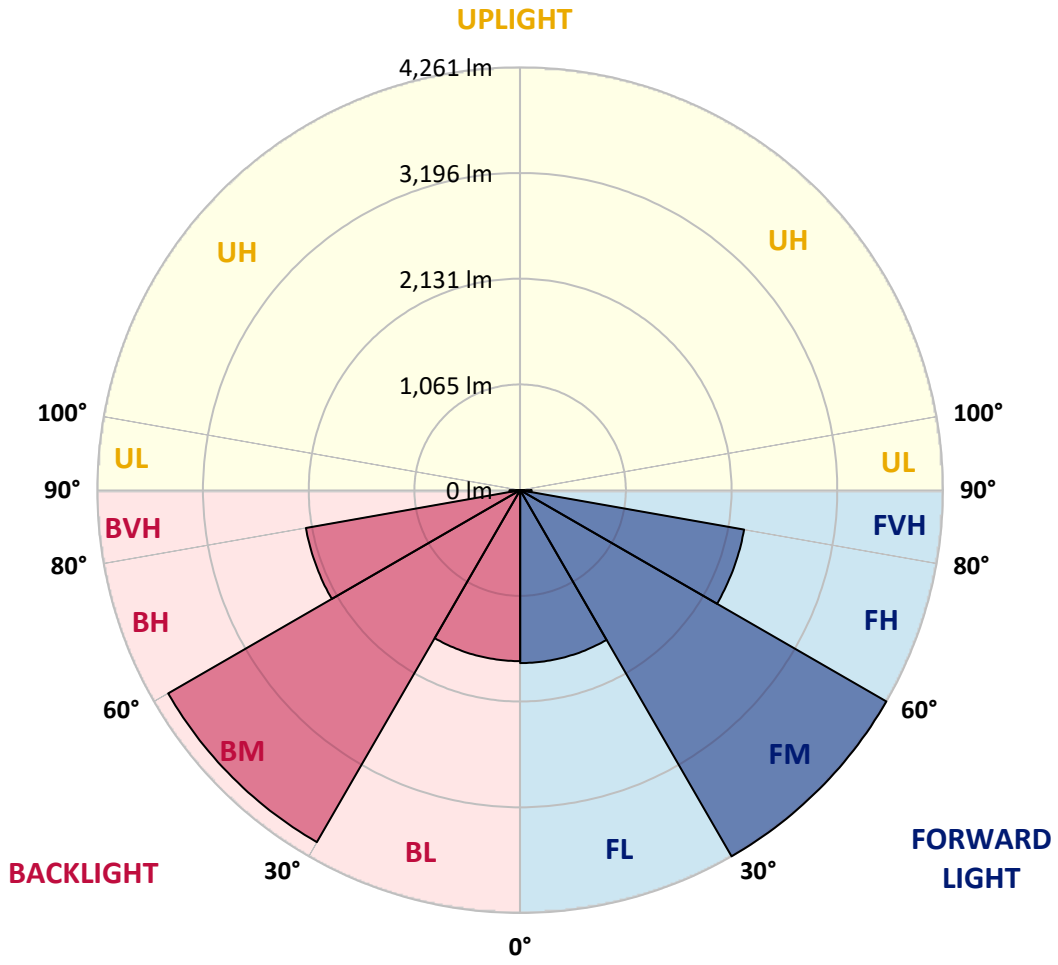
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1742.7	10.5			
FM	(30°-60°)	4261.1	25.8			
FH	(60°-80°)	2291.5	13.9			G2/5000
FVH	(80°-90°)	116.2	0.7			G2/225
BL	(0°-30°)	1722.8	10.4	B3/2500		
BM	(30°-60°)	4096.1	24.8	B3/5000		
BH	(60°-80°)	2192.2	13.3	B3/2500		G3/2500
BVH	(80°-90°)	106.9	0.6			G2/225
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°	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4
2.5°	4043.3	4043.3	4033.7	4017.9	4014.7	4017.9	4036.9	4027.4	4027.4	4030.6	4027.4
5°	4043.3	4043.3	4036.9	4021.0	4021.0	4021.0	4043.3	4033.7	4036.9	4040.1	4040.1
7.5°	4049.6	4049.6	4043.3	4030.6	4030.6	4030.6	4062.3	4055.9	4055.9	4065.5	4059.1
10°	4065.5	4059.1	4052.8	4055.9	4046.4	4062.3	4078.2	4081.3	4094.0	4100.4	4097.2
12.5°	4065.5	4059.1	4043.3	4062.3	4062.3	4084.5	4106.7	4119.4	4135.3	4135.3	4135.3
15°	4046.4	4040.1	4027.4	4059.1	4071.8	4100.4	4132.1	4151.2	4179.7	4179.7	4176.5
17.5°	4024.2	4014.7	4008.3	4055.9	4084.5	4122.6	4170.2	4195.6	4227.3	4230.5	4224.1
20°	3983.0	3979.8	3983.0	4046.4	4097.2	4151.2	4208.3	4243.2	4284.4	4297.1	4287.6
22.5°	3938.5	3938.5	3951.2	4036.9	4116.2	4189.2	4265.4	4309.8	4351.1	4363.8	4351.1
25°	3878.2	3878.2	3903.6	4005.2	4122.6	4230.5	4319.4	4379.7	4417.7	4430.4	4424.1
27.5°	3786.2	3786.2	3814.7	3941.7	4103.5	4262.2	4376.5	4446.3	4487.6	4500.3	4493.9
30°	3656.1	3649.7	3687.8	3846.5	4068.6	4297.1	4443.1	4516.1	4570.1	4579.6	4570.1
32.5°	3449.8	3459.3	3516.4	3716.4	4011.5	4319.4	4522.5	4608.2	4668.5	4687.5	4681.2
35°	3199.1	3214.9	3294.3	3551.3	3903.6	4316.2	4605.0	4709.7	4789.1	4814.5	4811.3
37.5°	2900.7	2922.9	3021.3	3322.8	3741.8	4268.6	4681.2	4824.0	4928.7	4960.4	4966.8
40°	2573.8	2596.1	2723.0	3056.2	3522.8	4157.5	4725.6	4954.1	5093.7	5157.2	5166.7
42.5°	2227.9	2266.0	2418.3	2742.0	3259.4	3979.8	4725.6	5081.0	5252.4	5369.8	5379.4
45°	1894.7	1926.4	2110.5	2427.9	2976.9	3751.3	4671.6	5208.0	5468.2	5671.3	5665.0
47.5°	1605.9	1615.4	1783.6	2104.1	2662.7	3491.0	4560.6	5322.2	5696.7	5966.5	6023.6
50°	1307.6	1329.8	1472.6	1789.9	2342.2	3205.4	4373.3	5395.2	5931.6	6341.0	6414.0
52.5°	1098.1	1101.3	1209.2	1501.1	2008.9	2859.5	4148.0	5414.3	6156.9	6747.2	6836.1
55°	895.0	910.8	1002.9	1221.9	1688.4	2519.9	3856.0	5385.7	6363.2	7140.7	7305.8
57.5°	768.0	771.2	837.8	1012.4	1425.0	2158.1	3532.3	5290.5	6534.6	7575.5	7785.0
60°	660.1	660.1	710.9	844.2	1152.0	1805.8	3151.5	5122.3	6629.8	8042.1	8346.7
62.5°	574.4	577.6	622.0	720.4	958.4	1491.6	2732.5	4858.9	6664.7	8492.7	8841.8
65°	520.5	523.7	549.0	615.7	790.2	1212.3	2304.1	4538.3	6617.1	8829.1	9283.0
67.5°	*431.6*	*434.8*	*479.2*	*530.0*	*656.9*	*974.3*	*1872.5*	*4094.0*	*6423.5*	*8933.9*	*9489.3*
70°	330.1	339.6	399.9	453.8	545.9	777.5	1437.7	3506.9	5960.1	8578.4	9149.7
72.5°	276.1	279.3	323.7	384.0	457.0	609.3	1091.7	2761.1	5255.6	7661.2	8296.0
75°	241.2	244.4	269.8	323.7	380.8	488.7	758.5	1907.4	4192.4	6195.0	6775.8
77.5°	219.0	222.2	228.5	272.9	320.5	377.7	536.3	1133.0	2957.9	4735.1	5039.8
80°	209.5	209.5	193.6	225.3	263.4	295.2	358.6	650.6	1897.9	3192.7	3437.1
82.5°	149.2	146.0	133.3	139.6	161.9	161.9	184.1	269.8	726.8	1348.8	1463.1
85°	9.5	9.5	15.9	19.0	28.6	38.1	47.6	63.5	184.1	250.7	260.2
87.5°	3.2	3.2	3.2	3.2	3.2	6.3	6.3	6.3	9.5	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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REPORT NUMBER: P867447
CATALOG NUMBER: MEM2-HTN-SA-110-730-U-T1

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4	4027.4
2.5°	4024.2	4027.4	4027.4	4033.7	4040.1	4036.9	4033.7	4040.1	4030.6	4011.5	4008.3
5°	4036.9	4036.9	4033.7	4040.1	4046.4	4040.1	4033.7	4033.7	4027.4	4008.3	4005.2
7.5°	4062.3	4059.1	4059.1	4059.1	4059.1	4049.6	4040.1	4033.7	4024.2	4005.2	3995.6
10°	4097.2	4094.0	4090.9	4087.7	4071.8	4062.3	4046.4	4036.9	4024.2	4002.0	3995.6
12.5°	4135.3	4128.9	4122.6	4125.8	4094.0	4065.5	4049.6	4027.4	4017.9	3967.1	3957.6
15°	4173.4	4163.8	4160.7	4148.0	4116.2	4075.0	4043.3	4011.5	3979.8	3932.2	3916.3
17.5°	4224.1	4217.8	4198.8	4186.1	4141.6	4084.5	4036.9	3992.5	3951.2	3894.1	3884.6
20°	4284.4	4278.1	4259.1	4233.7	4176.5	4106.7	4040.1	3970.3	3919.5	3852.8	3837.0
22.5°	4351.1	4341.6	4325.7	4297.1	4224.1	4141.6	4049.6	3957.6	3881.4	3805.2	3795.7
25°	4420.9	4414.6	4398.7	4357.4	4278.1	4176.5	4049.6	3913.1	3817.9	3751.3	3722.7
27.5°	4487.6	4484.4	4465.3	4417.7	4335.2	4201.9	4021.0	3840.1	3713.2	3624.3	3605.3
30°	4573.3	4566.9	4544.7	4490.7	4398.7	4217.8	3963.9	3716.4	3557.7	3459.3	3430.7
32.5°	4678.0	4671.6	4639.9	4573.3	4474.9	4221.0	3881.4	3557.7	3348.2	3243.5	3208.6
35°	4817.6	4804.9	4763.7	4684.3	4547.9	4189.2	3735.4	3354.6	3097.5	2961.0	2913.4
37.5°	4970.0	4954.1	4900.1	4801.8	4598.6	4103.5	3529.1	3081.6	2789.7	2627.8	2592.9
40°	5157.2	5135.0	5052.5	4916.0	4617.7	3954.4	3297.4	2802.3	2491.3	2313.6	2272.3
42.5°	5392.1	5354.0	5220.7	5043.0	4579.6	3751.3	3021.3	2513.5	2158.1	1993.1	1983.5
45°	5674.5	5614.2	5414.3	5166.7	4497.1	3497.4	2729.4	2189.8	1850.2	1688.4	1647.1
47.5°	6007.7	5934.8	5639.6	5261.9	4335.2	3237.1	2415.2	1875.6	1564.6	1399.6	1367.8
50°	6375.9	6306.1	5877.6	5315.9	4160.7	2932.5	2107.3	1596.4	1285.3	1148.9	1148.9
52.5°	6823.4	6664.7	6106.1	5322.2	3894.1	2596.1	1812.2	1323.4	1079.0	958.4	933.1
55°	7299.4	7112.2	6312.4	5265.1	3618.0	2288.2	1494.8	1101.3	885.5	799.8	777.5
57.5°	7829.4	7543.8	6461.6	5150.9	3268.9	1951.8	1247.3	907.7	745.8	676.0	666.5
60°	8362.6	7994.5	6550.4	4957.3	2897.6	1640.8	1037.8	758.5	641.1	590.3	580.8
62.5°	8857.7	8362.6	6556.8	4674.8	2535.8	1367.8	850.5	653.8	568.1	530.0	530.0
65°	9286.1	8670.5	6448.9	4313.0	2075.6	1098.1	701.4	552.2	495.1	453.8	444.3
67.5°	9495.6	8787.9	6258.5	3817.9	1663.0	869.6	590.3	479.2	425.3	361.8	355.5
70°	9200.5	8448.3	5769.7	3183.2	1285.3	691.9	491.9	409.4	355.5	301.5	295.2
72.5°	8257.9	7543.8	4979.5	2465.9	968.0	558.6	409.4	349.1	292.0	263.4	257.1
75°	6756.7	6274.3	3935.3	1697.9	676.0	438.0	342.8	295.2	247.5	234.9	231.7
77.5°	5128.6	4665.3	2875.3	1063.2	463.4	342.8	292.0	250.7	215.8	225.3	219.0
80°	3424.4	3211.7	1910.5	603.0	311.0	250.7	222.2	184.1	165.0	190.4	184.1
82.5°	1555.1	1472.6	898.1	263.4	139.6	107.9	76.2	57.1	44.4	41.3	47.6
85°	260.2	228.5	63.5	28.6	15.9	9.5	6.3	6.3	3.2	3.2	3.2
87.5°	12.7	9.5	9.5	6.3	3.2	3.2	3.2	3.2	3.2	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: SP1-2407-157-4

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

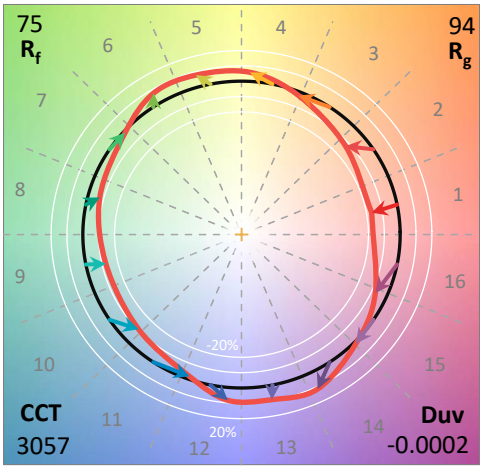
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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				



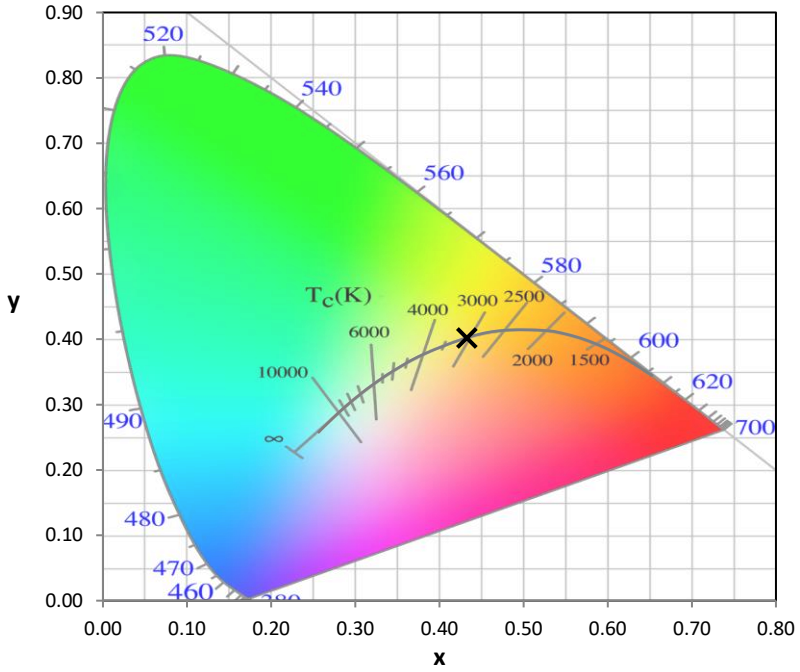
Test Conditions

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

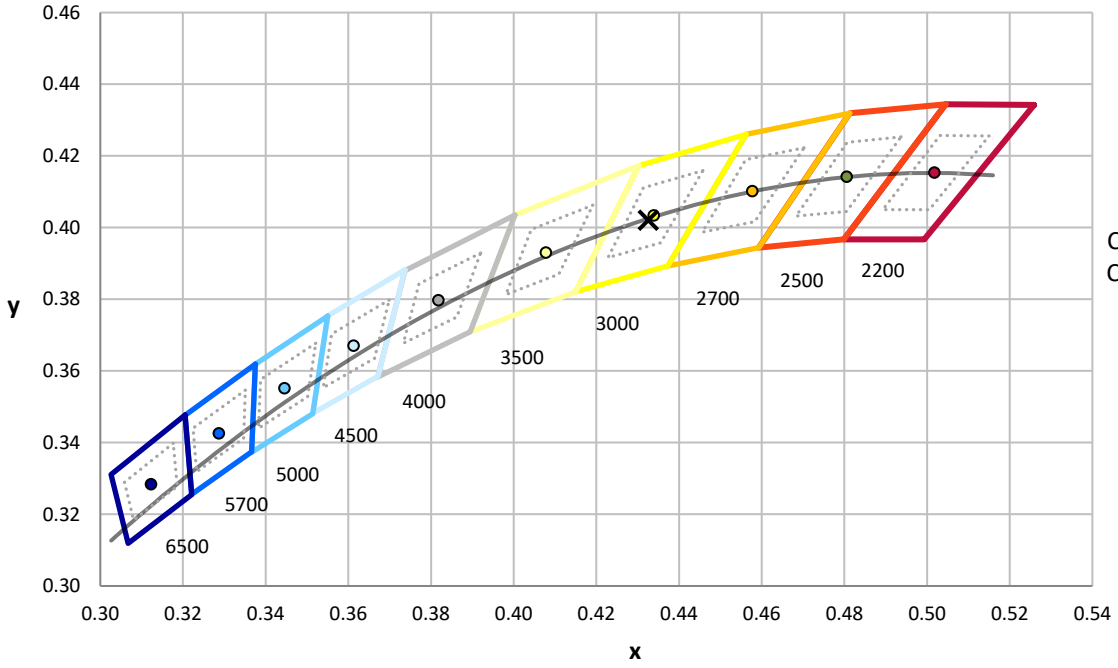
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

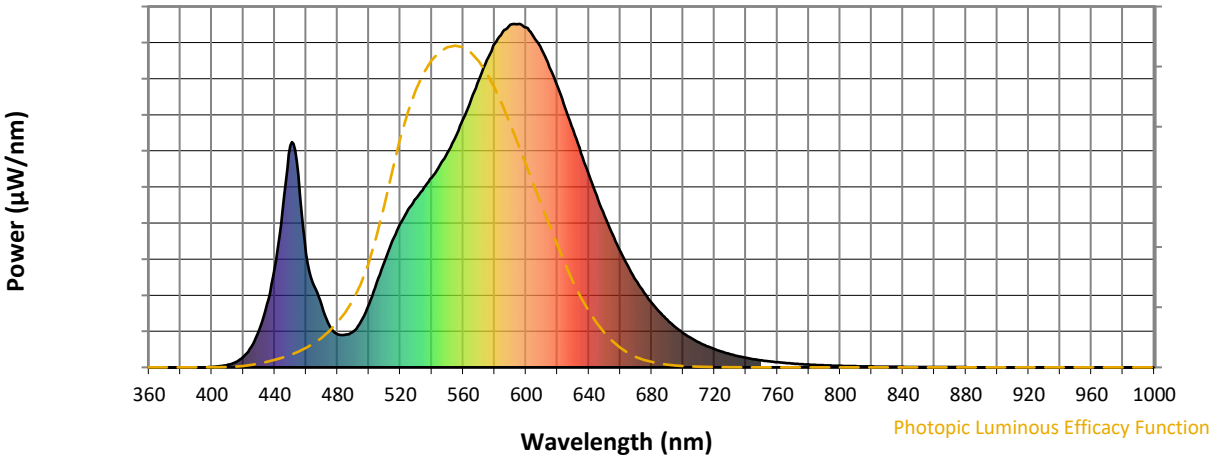


CCT = 3057K
CIE x = 0.4326
CIE y = 0.4020
Duv = -0.0002

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-157-4

Photopic Flux vs. Wavelength

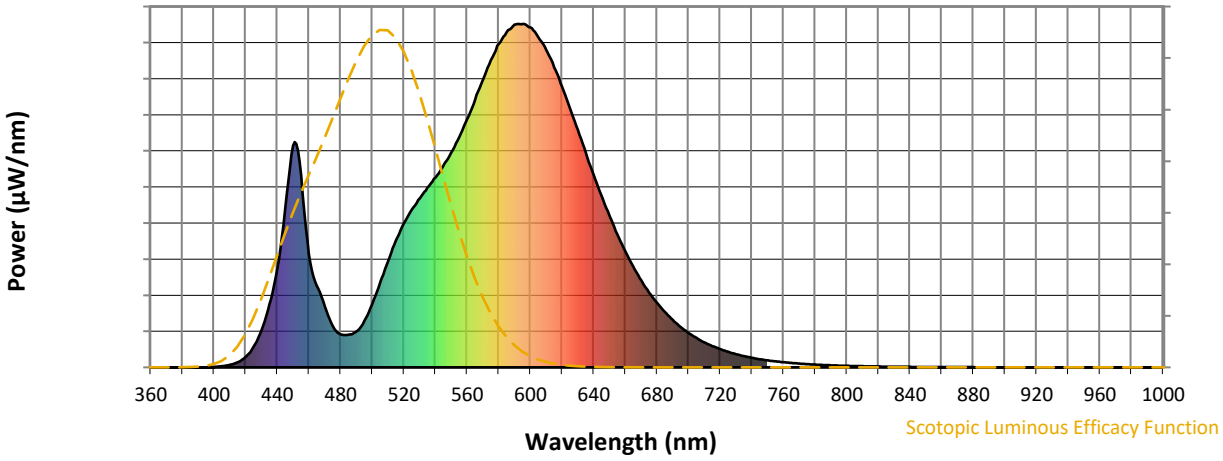


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-157-4

Scotopic Flux vs. Wavelength

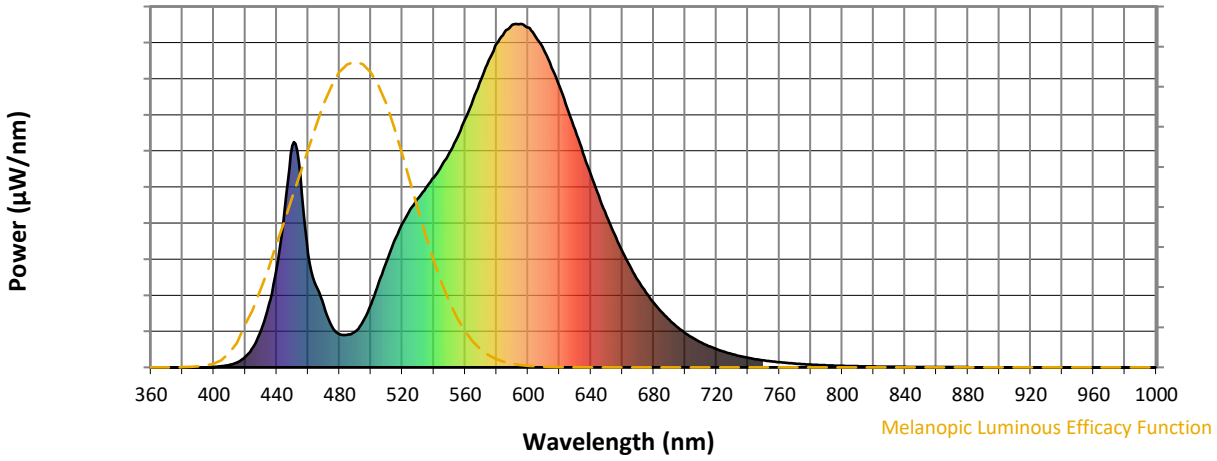


Scotopic Lumens: NR **S/P: 1.23**

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			

REPORT NUMBER: SP1-2407-157-4

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			

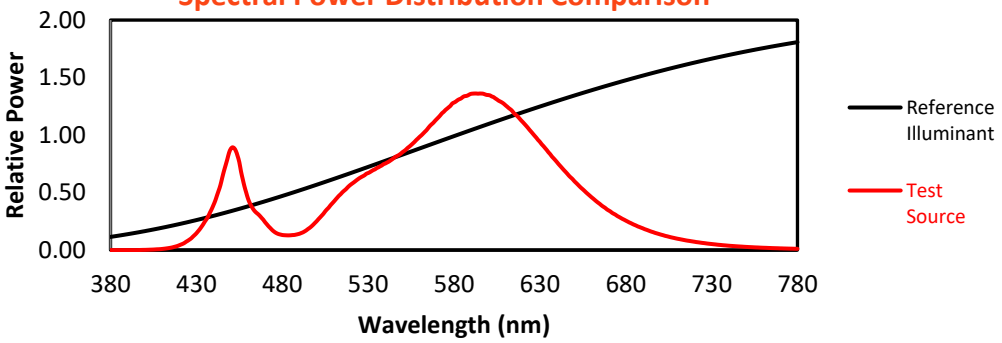
REPORT NUMBER: SP1-2407-157-4

TM-30-18

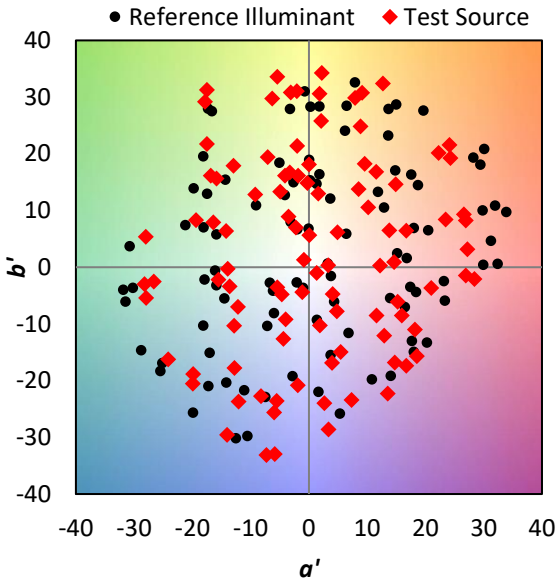
Summary

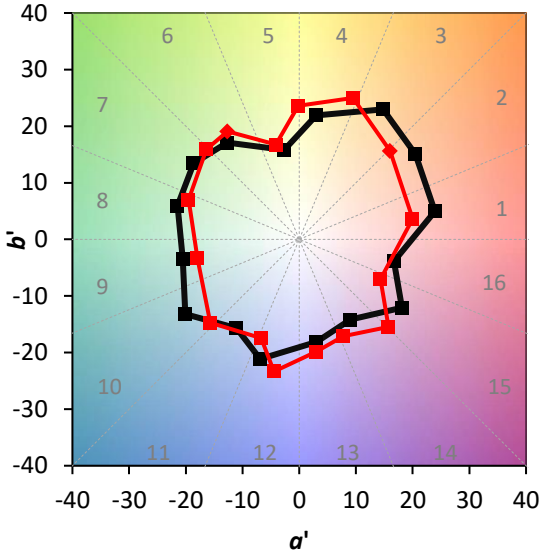
R_f = 74.6
R_g = 94
CIE R_a = 71.7
R_9 = -34.8

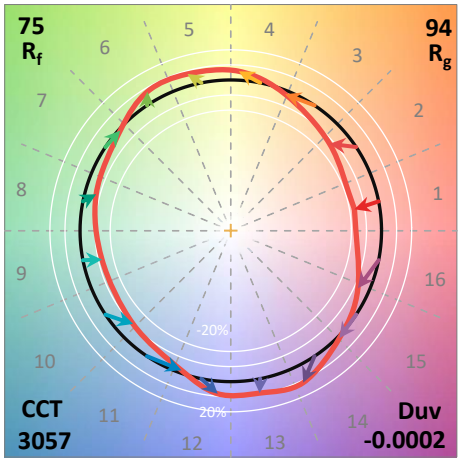
Spectral Power Distribution Comparison

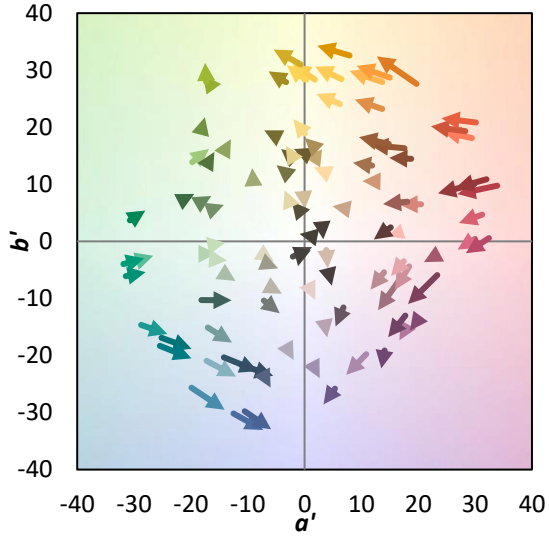


Color Vector Graphics







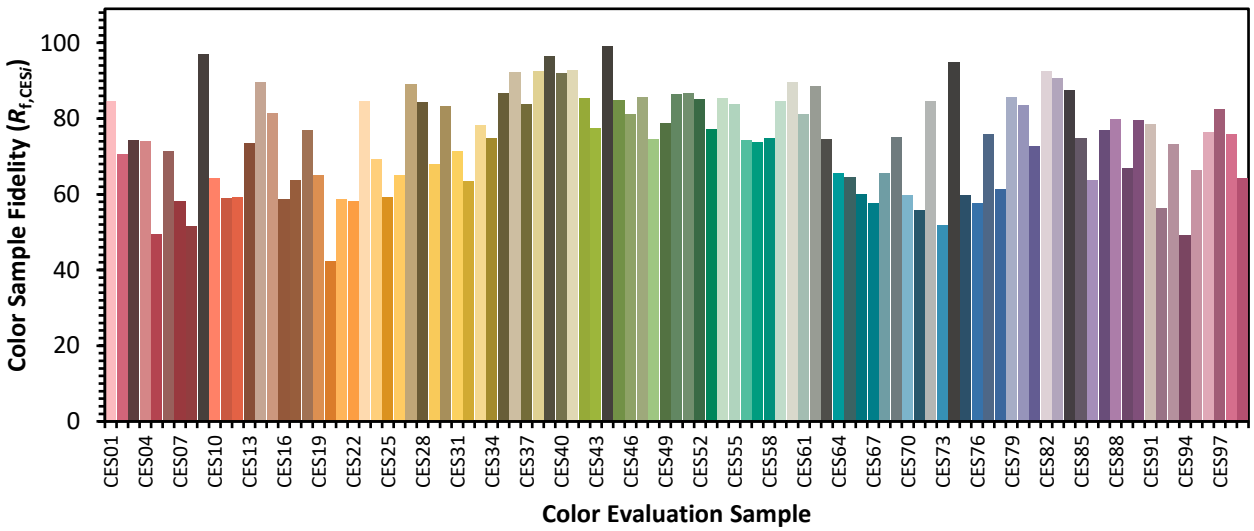


REPORT NUMBER: SP1-2407-157-4

TM-30-18

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

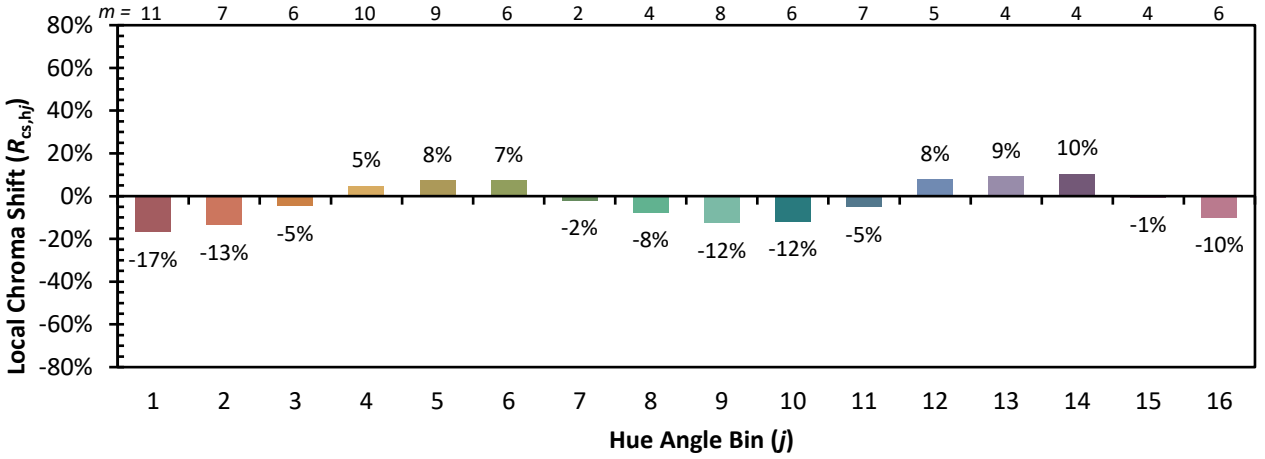
CES01 = 86	CES26 = 65	CES51 = 87	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 61
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 86
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 83
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 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	

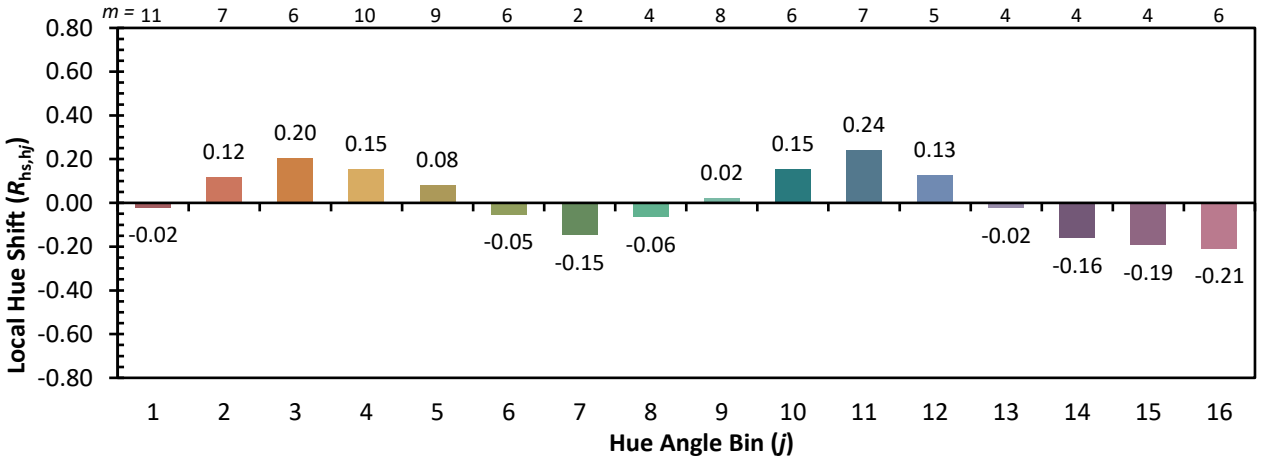


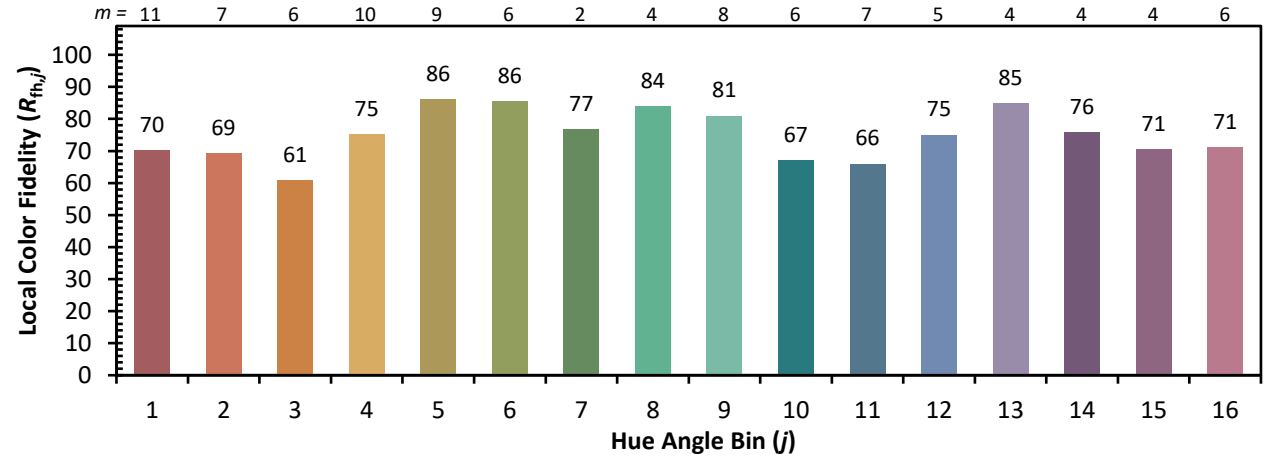
REPORT NUMBER: SP1-2407-157-4

TM-30-18

Color Rendition by Hue-Angle Bin



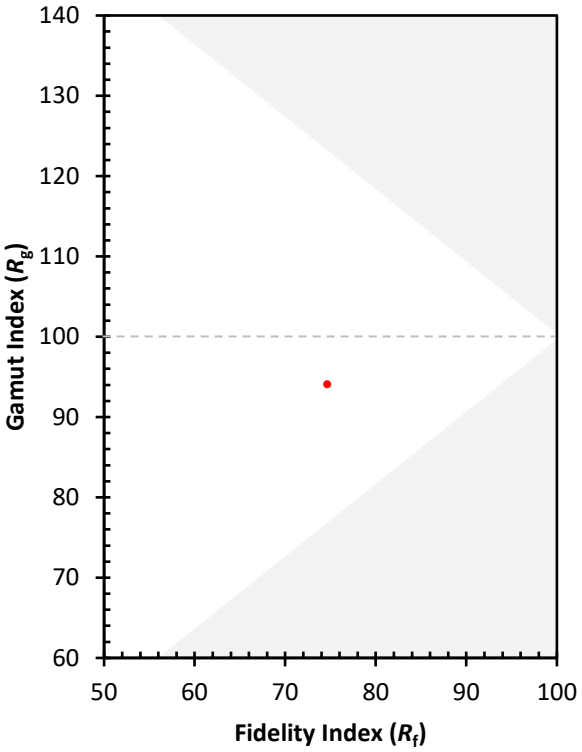


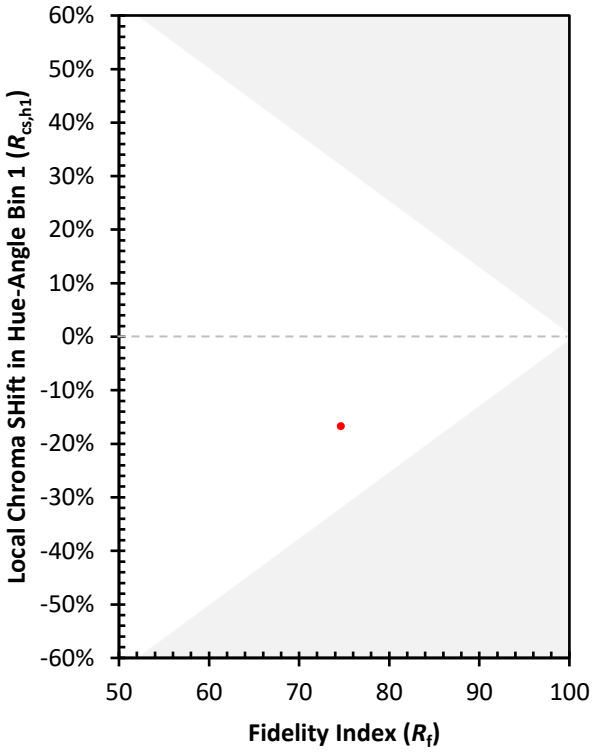


REPORT NUMBER: SP1-2407-157-4

TM-30-18

Measure Comparisons





(END OF REPORT)