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: McGRAW-EDISON

Report Number: P1047155

Luminaire Tested: **GALN-SA9C-730-U-T3BC**

Issue Date: 07/10/2025

Report Generated By 670347003

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:	P1047155
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9C-730-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	50218.3 lumens
Efficiency:	N/A
Efficacy:	120.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	417.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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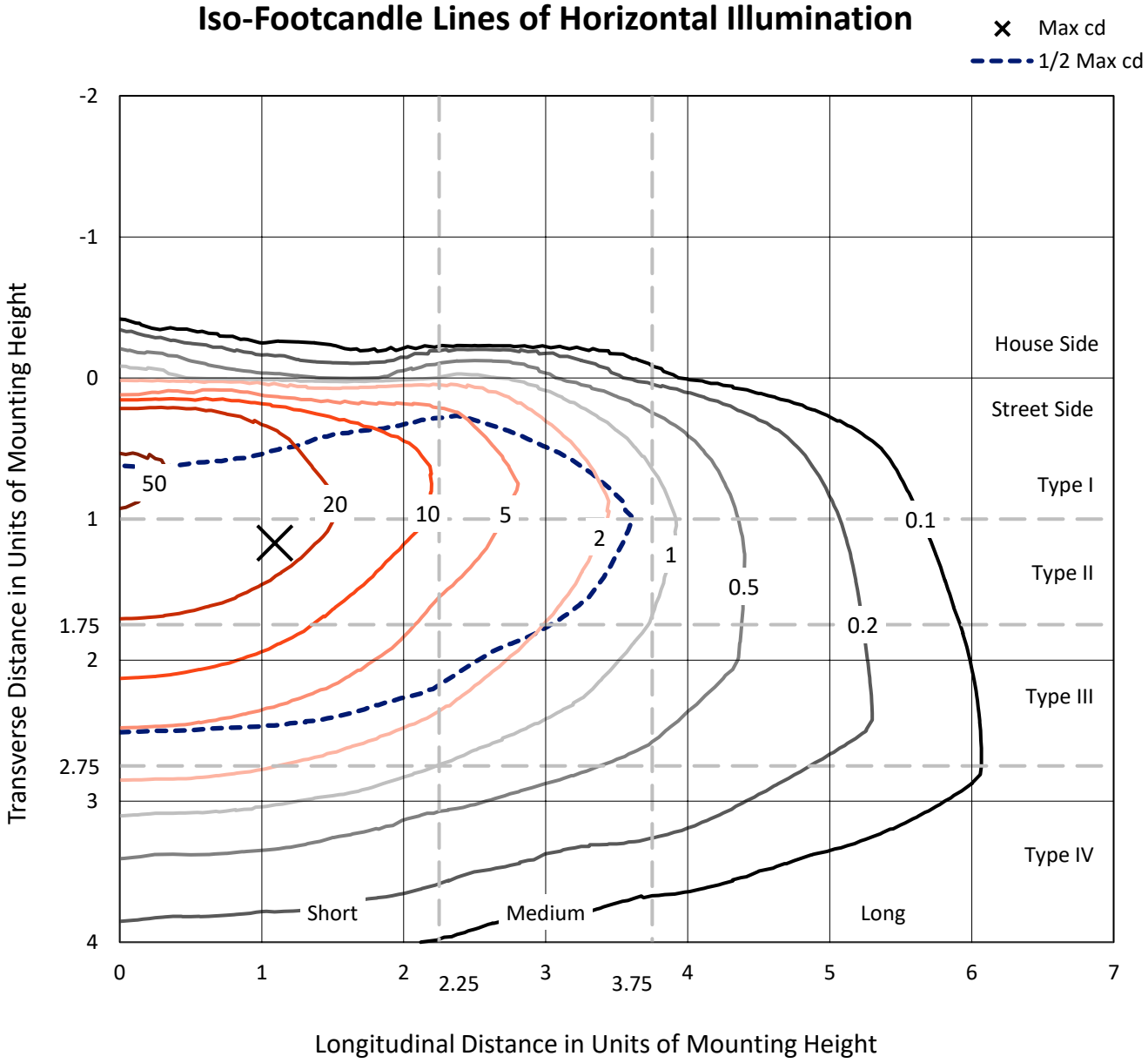
REPORT NUMBER: P1047155
CATALOG NUMBER: GALN-SA9C-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 56.3 fc
Type III - Short - N/A

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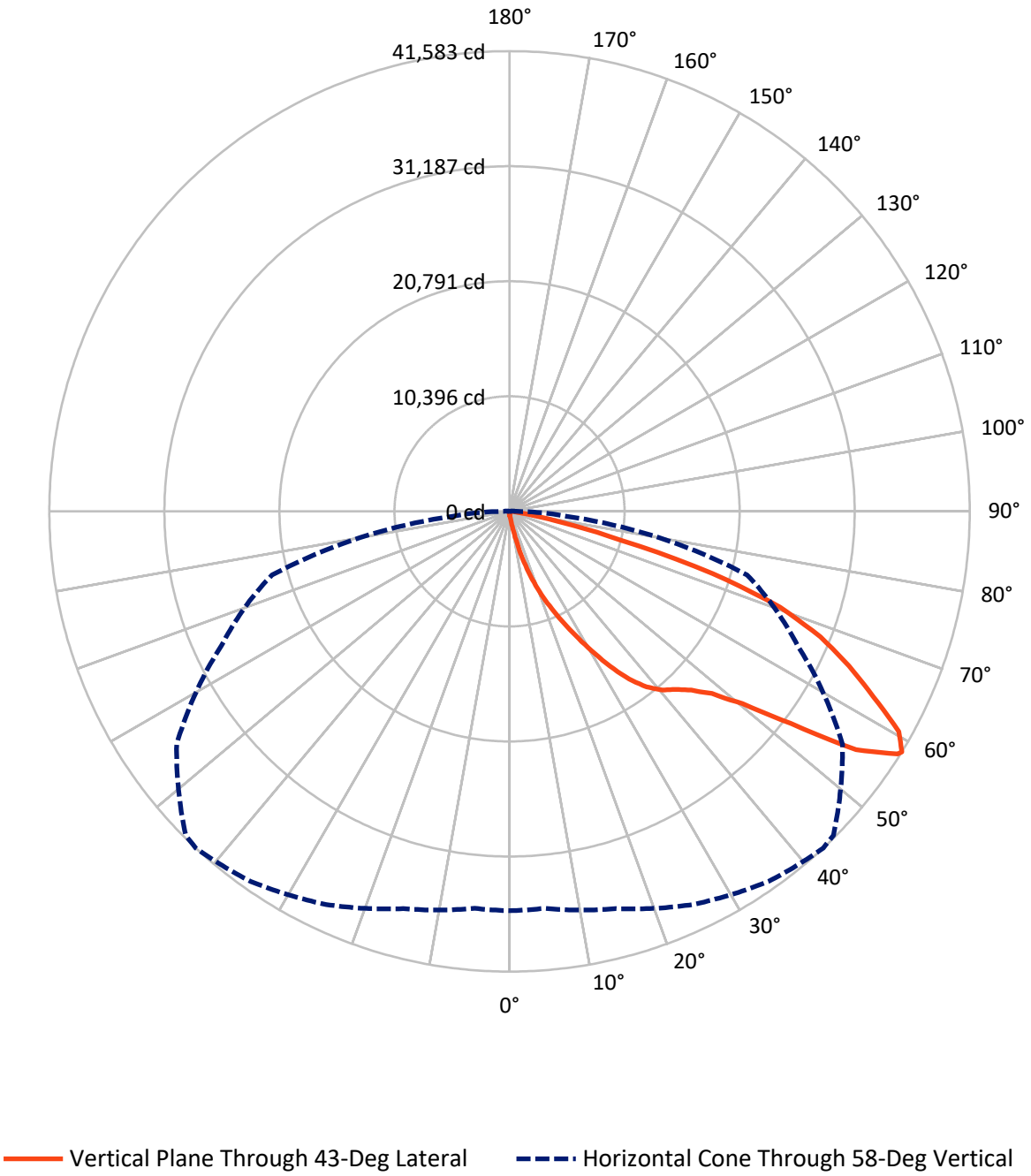
Luminous Intensity Polar Plot



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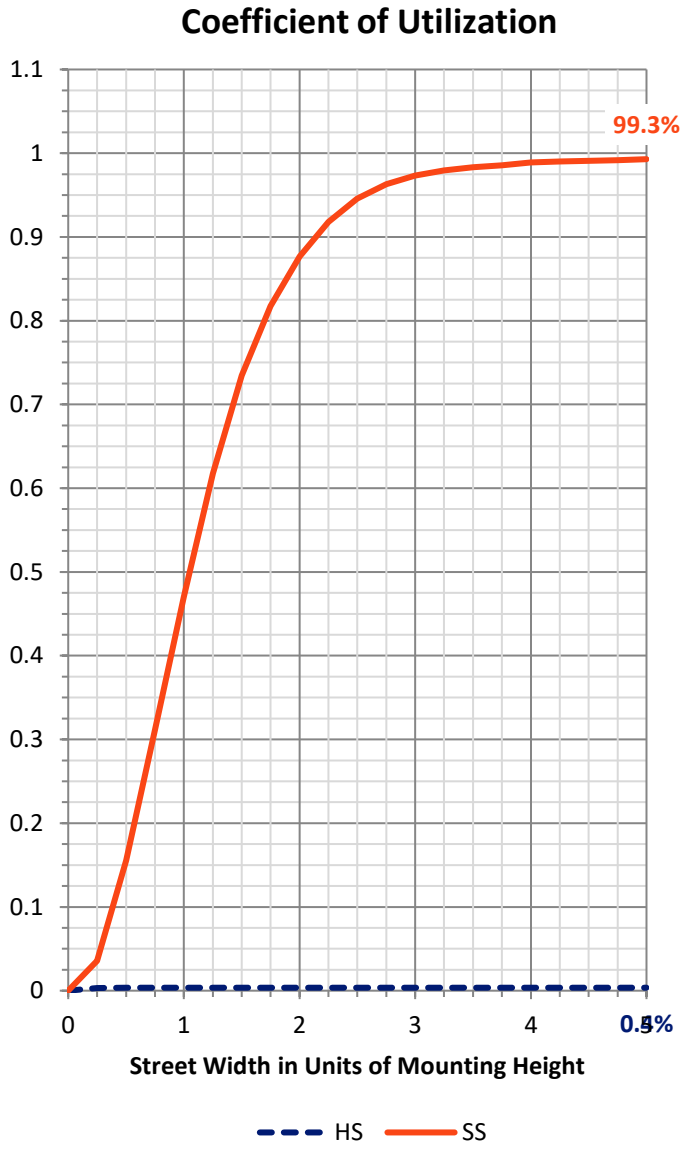
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	183.3	0.0	183.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	50035.0	0.0	50035.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	50218.3	0.0	50218.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	0.1
10°-20°	577.2	1.1
20°-30°	2080.6	4.1
30°-40°	4760.4	9.5
40°-50°	8028.9	16.0
50°-60°	13249.6	26.4
60°-70°	14808.2	29.5
70°-80°	6114.1	12.2
80°-90°	551.2	1.1
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°	50218.3	100.0
0°-180°	50218.3	100.0



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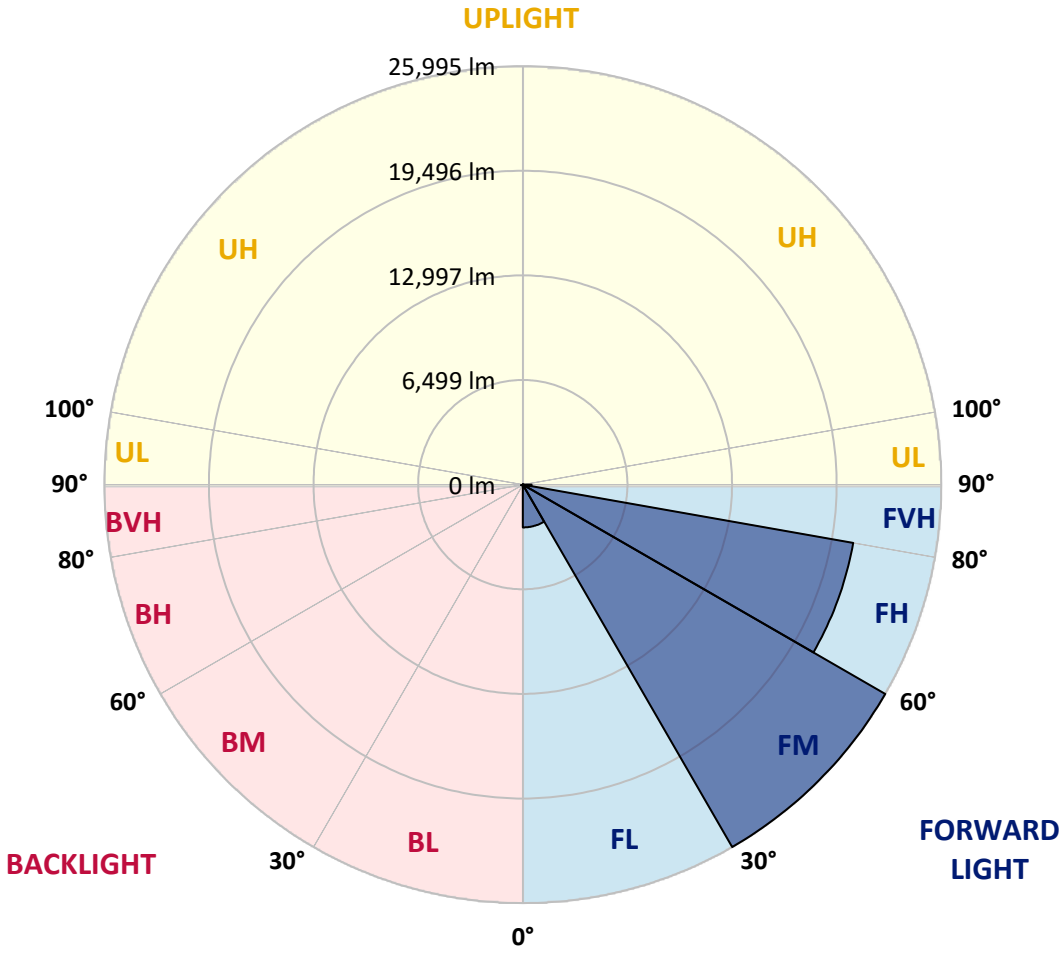
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2658.1	5.3			
FM	(30°-60°)	25994.9	51.8			
FH	(60°-80°)	20838.3	41.5			G5
FVH	(80°-90°)	543.6	1.1			G4/750
BL	(0°-30°)	47.8	0.1	B0/110		
BM	(30°-60°)	43.9	0.1	B0/220		
BH	(60°-80°)	84.0	0.2	B0/110		G0/110
BVH	(80°-90°)	7.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5
Type III Short



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REPORT NUMBER: P1047155
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	328.4	328.4	328.4	328.4	328.4	*328.4*	328.4	328.4	328.4	328.4	328.4
2.5°	394.0	407.2	394.0	394.0	394.0	*380.9*	380.9	367.8	367.8	354.6	341.5
5°	577.9	577.9	538.5	512.2	486.0	*472.8*	459.7	433.4	407.2	380.9	354.6
7.5°	1287.1	1287.1	1168.9	1011.3	801.2	*683.0*	656.7	538.5	459.7	407.2	354.6
10°	3073.4	3073.4	2810.7	2377.3	1838.8	*1366.0*	1221.5	774.9	551.6	433.4	367.8
12.5°	5109.2	5174.9	4846.5	4294.9	3493.7	*2666.2*	2377.3	1418.5	735.5	472.8	367.8
15°	6934.8	6777.2	6685.3	6159.9	5398.1	*4413.1*	4045.3	2390.4	1063.9	538.5	367.8
17.5°	8169.4	8169.4	8038.1	7683.5	6987.4	*6120.5*	5818.4	3861.4	1720.6	617.3	380.9
20°	9614.2	9614.2	9377.8	9128.2	8510.9	*7775.4*	7486.5	5490.1	2666.2	788.0	380.9
22.5°	11361.0	11387.3	11124.6	10678.1	10087.0	*9272.7*	9023.2	7000.5	3861.4	1050.7	394.0
25°	13488.8	13515.1	13134.2	12713.9	11807.6	*10927.6*	10546.7	8734.2	5319.3	1471.0	394.0
27.5°	15839.8	16023.7	15458.9	14736.5	13777.7	*12674.5*	12385.5	10297.2	6764.1	2075.2	420.3
30°	18768.7	18768.7	18020.1	17008.7	15971.1	*14605.2*	14237.4	11939.0	8300.8	2876.4	446.6
32.5°	21290.5	21093.5	20134.7	19070.8	17967.5	*16693.5*	16299.5	13659.5	9876.9	3874.6	499.1
35°	23221.2	23050.5	21868.4	20725.7	19766.9	*18598.0*	18125.1	15524.6	11544.9	5004.1	577.9
37.5°	24876.1	24810.4	23208.1	21776.4	21146.0	*20121.5*	19701.2	17284.6	13186.7	6225.6	669.8
40°	26688.6	26478.5	24771.0	22997.9	22052.3	*21224.8*	20843.9	18703.0	14762.8	7657.2	801.2
42.5°	28238.4	27988.9	26452.2	24718.5	23103.0	*21986.6*	21618.8	19898.3	16299.5	9088.8	971.9
45°	29959.0	29827.7	28277.8	26964.4	24810.4	*23024.2*	22538.2	20857.0	17704.8	10796.3	1195.2
47.5°	32546.5	32310.0	30865.3	29788.3	27292.8	*24600.3*	23904.2	21842.1	19057.7	12477.5	1536.7
50°	35554.2	35396.6	34542.8	33689.1	31206.8	*27292.8*	26465.3	23260.6	20568.1	14473.8	1983.3
52.5°	38010.3	37984.0	38089.1	38102.2	36224.0	*31824.1*	30589.5	25545.9	22301.8	16444.0	2613.7
55°	37957.7	38075.9	39231.7	40558.3	40702.8	*38010.3*	36815.1	29394.3	24560.9	18873.8	3493.7
57.5°	36539.2	36447.3	37668.8	39665.2	41070.5	*41359.5*	41162.5	35370.3	27962.6	21802.7	4846.5
58°	*36079.5*	*36000.7*	*37156.5*	*39192.3*	*40807.8*	*41582.8*	*41385.7*	*36723.1*	*28724.4*	*22223.0*	*5214.3*
60°	34411.5	34424.6	35107.6	36959.5	38575.0	*40413.8*	40597.7	40584.6	32520.2	25033.7	7066.2
62.5°	32205.0	32099.9	32730.3	34240.8	35659.2	*36893.9*	37209.1	40847.2	38075.9	28606.2	10599.3
65°	29157.8	29000.2	29670.1	31377.5	32901.1	*33702.3*	33715.4	37327.3	40689.6	32441.4	15642.8
67.5°	23497.0	23365.7	24705.4	26898.8	29249.8	*30300.5*	30773.3	32388.8	38483.1	35041.9	18532.3
70°	14395.0	14670.9	16535.9	19977.1	23996.1	*25926.8*	26636.1	27135.2	32769.7	34647.9	15498.3
72.5°	6645.9	6317.5	7906.8	10310.3	14894.1	*19189.0*	19924.5	21881.5	25979.4	30077.2	11558.1
75°	3099.7	2981.5	3349.2	4505.0	6751.0	*10362.9*	11702.5	17468.4	19924.5	20922.7	8340.2
77.5°	1589.2	1602.4	1904.5	2048.9	2784.4	*4794.0*	5503.2	11492.4	14605.2	11676.3	5595.2
80°	696.1	722.4	735.5	801.2	1129.5	*1851.9*	2088.3	5332.5	9982.0	5949.8	3060.3
82.5°	446.6	459.7	459.7	459.7	538.5	*735.5*	840.6	2140.9	4977.8	2955.2	945.7
85°	236.4	236.4	262.7	328.4	380.9	*446.6*	472.8	683.0	1641.8	880.0	223.3
87.5°	131.3	144.5	157.6	197.0	249.5	*302.1*	328.4	472.8	630.4	604.2	52.5
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: GALN-SA9C-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	328.4	328.4	328.4	328.4	328.4	328.4	328.4	328.4	328.4	328.4	328.4
2.5°	341.5	328.4	315.2	302.1	289.0	275.8	275.8	275.8	275.8	275.8	275.8
5°	328.4	315.2	302.1	275.8	249.5	236.4	223.3	210.1	210.1	210.1	210.1
7.5°	328.4	315.2	275.8	249.5	223.3	197.0	170.7	170.7	170.7	170.7	170.7
10°	328.4	302.1	262.7	223.3	183.9	157.6	144.5	131.3	131.3	131.3	131.3
12.5°	328.4	289.0	249.5	197.0	157.6	131.3	118.2	105.1	105.1	105.1	105.1
15°	328.4	289.0	236.4	183.9	144.5	105.1	91.9	78.8	78.8	78.8	78.8
17.5°	315.2	275.8	223.3	157.6	118.2	78.8	65.7	52.5	52.5	65.7	65.7
20°	302.1	262.7	197.0	131.3	91.9	65.7	39.4	39.4	39.4	39.4	39.4
22.5°	302.1	262.7	183.9	118.2	78.8	39.4	26.3	26.3	26.3	26.3	39.4
25°	302.1	249.5	157.6	91.9	52.5	26.3	13.1	13.1	13.1	13.1	13.1
27.5°	302.1	249.5	144.5	78.8	39.4	26.3	13.1	0.0	0.0	0.0	0.0
30°	289.0	236.4	131.3	65.7	26.3	13.1	0.0	0.0	0.0	0.0	0.0
32.5°	289.0	223.3	105.1	52.5	26.3	13.1	0.0	0.0	0.0	0.0	0.0
35°	302.1	210.1	91.9	39.4	13.1	0.0	0.0	0.0	0.0	0.0	13.1
37.5°	315.2	197.0	78.8	26.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	328.4	183.9	78.8	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	354.6	183.9	65.7	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	380.9	183.9	52.5	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	433.4	197.0	52.5	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	472.8	210.1	39.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	525.4	197.0	39.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	591.0	197.0	39.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	643.6	183.9	39.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*669.8*	*170.7*	*26.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	801.2	157.6	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1247.7	131.3	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2534.9	118.2	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4728.3	105.1	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	5293.1	118.2	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3336.1	91.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1760.0	91.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	880.0	91.9	13.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	407.2	65.7	13.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	170.7	39.4	26.3	13.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	78.8	39.4	26.3	26.3	13.1	13.1	0.0	0.0	0.0	0.0	0.0
87.5°	39.4	39.4	39.4	26.3	26.3	13.1	13.1	0.0	0.0	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

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

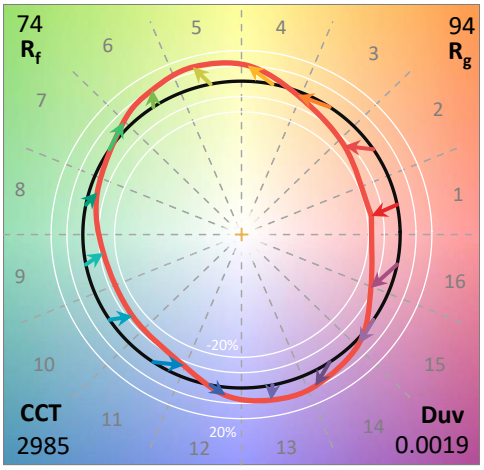
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

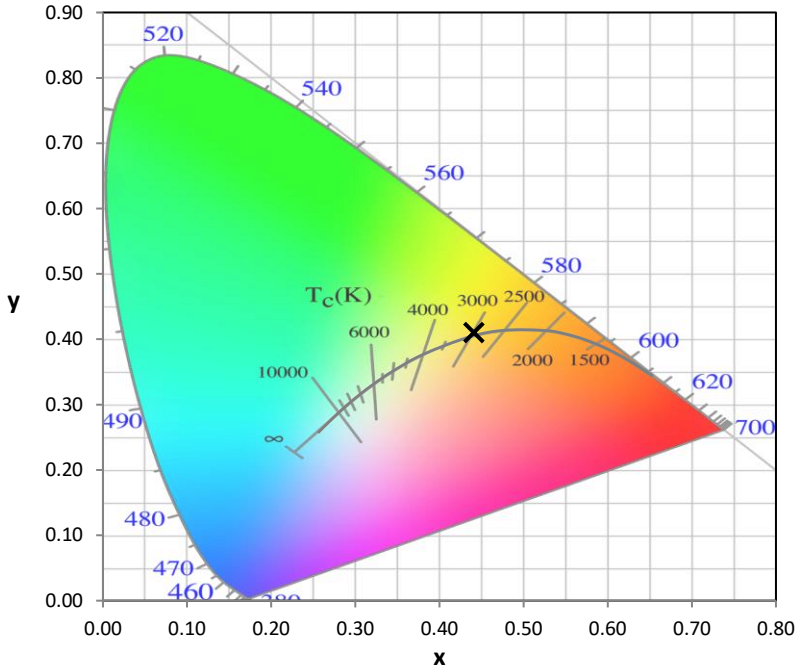
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

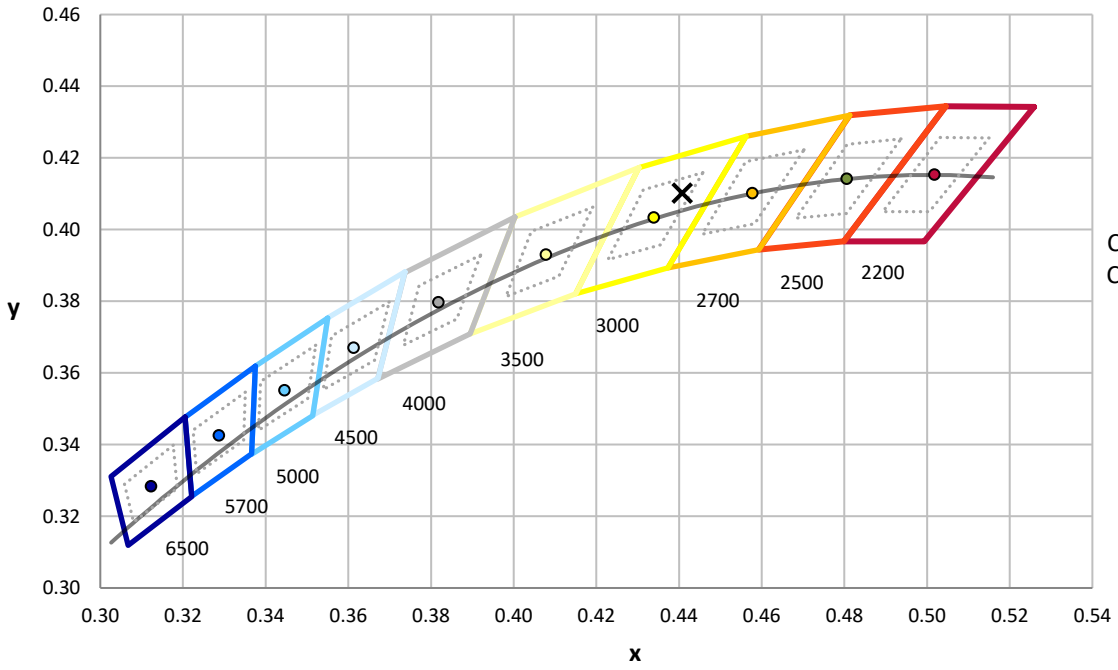
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

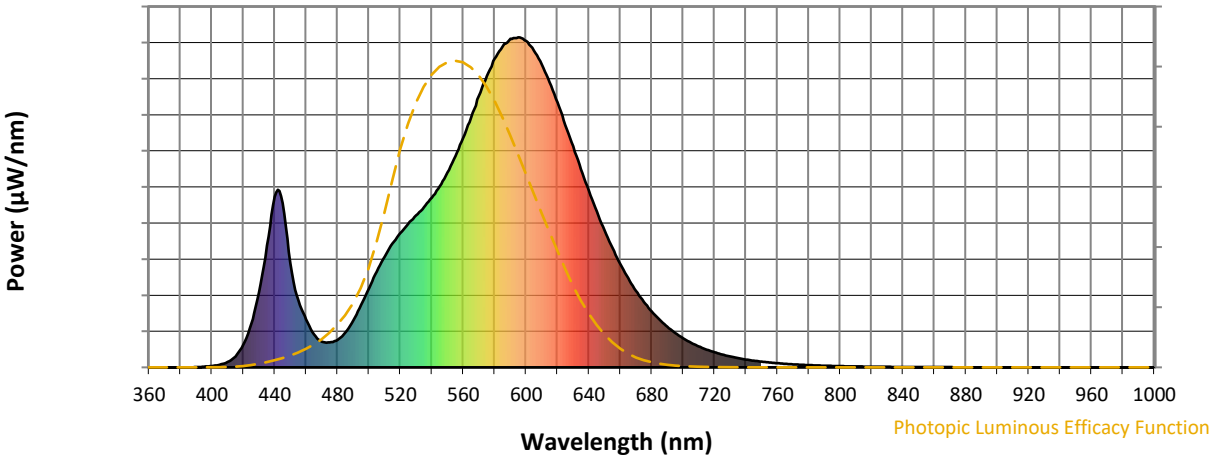


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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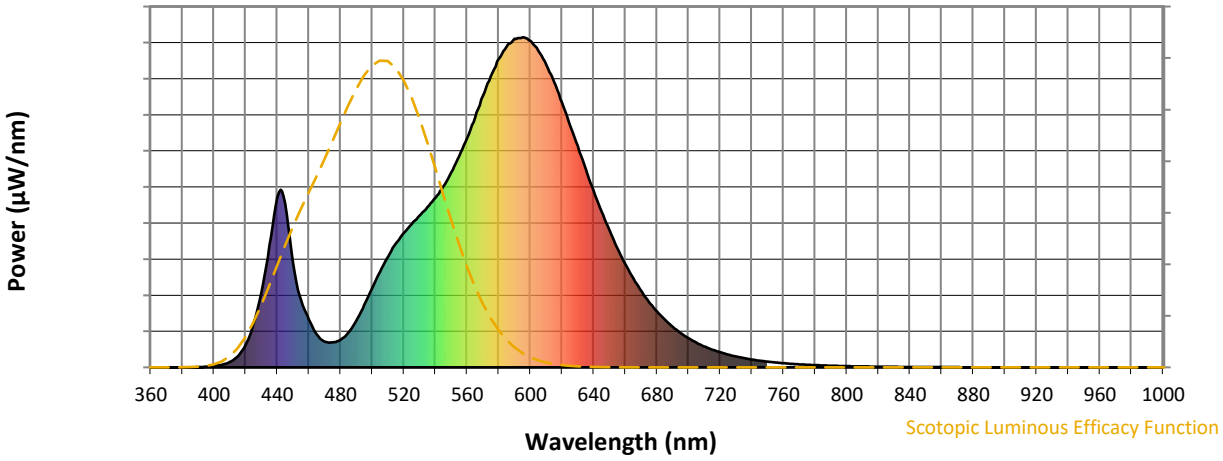
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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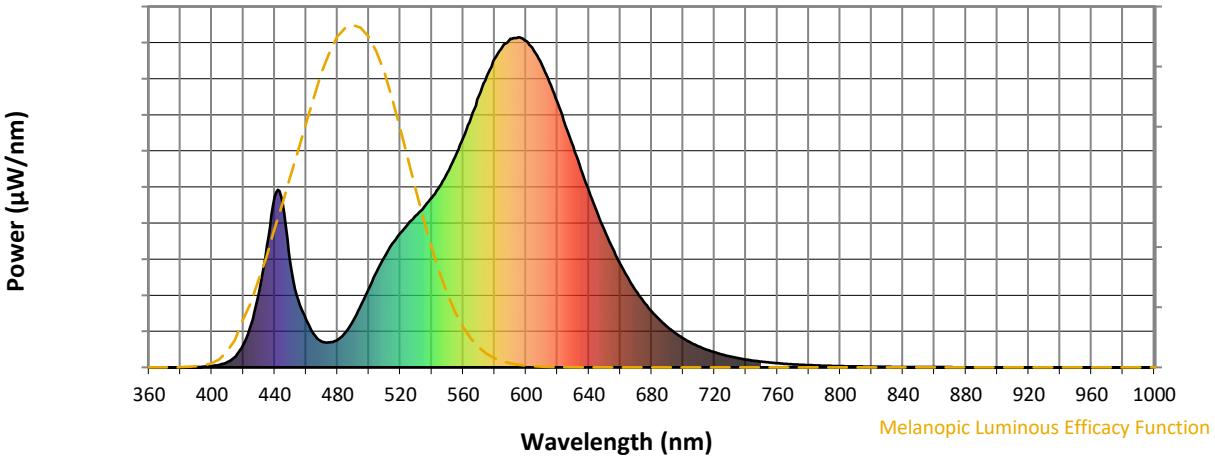
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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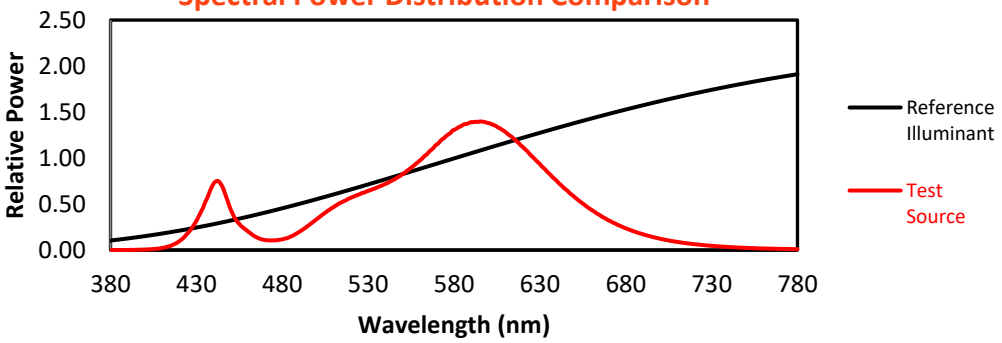
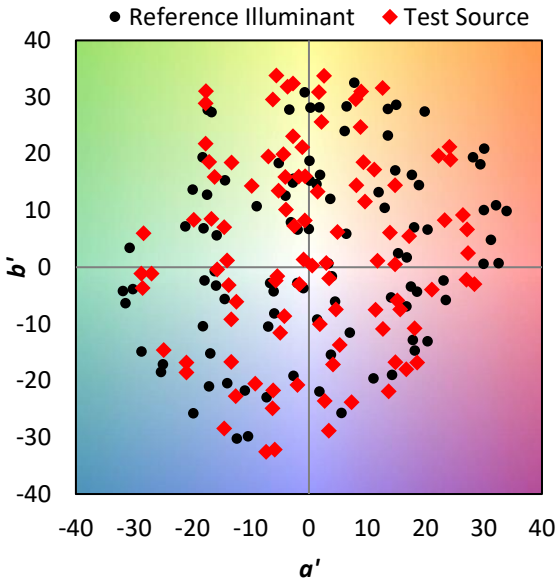
Summary

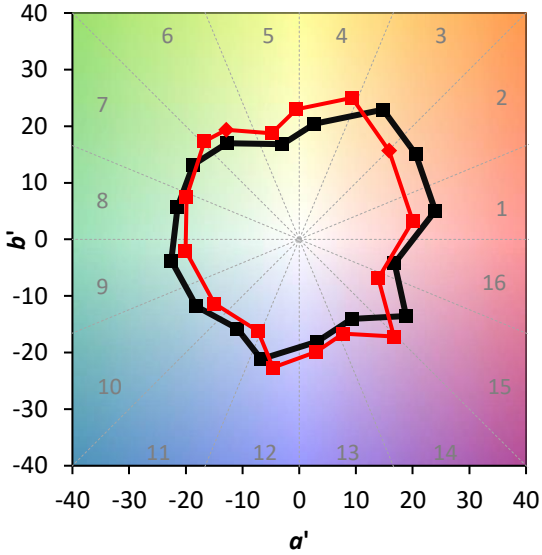
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

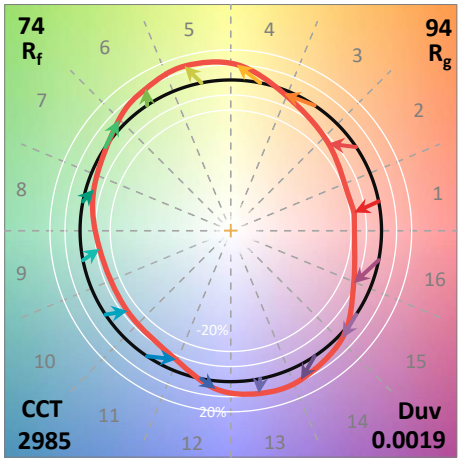
Spectral Power Distribution Comparison

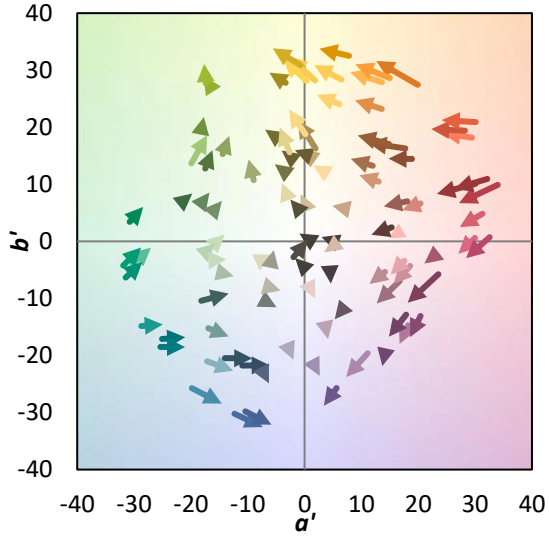


Color Vector Graphics









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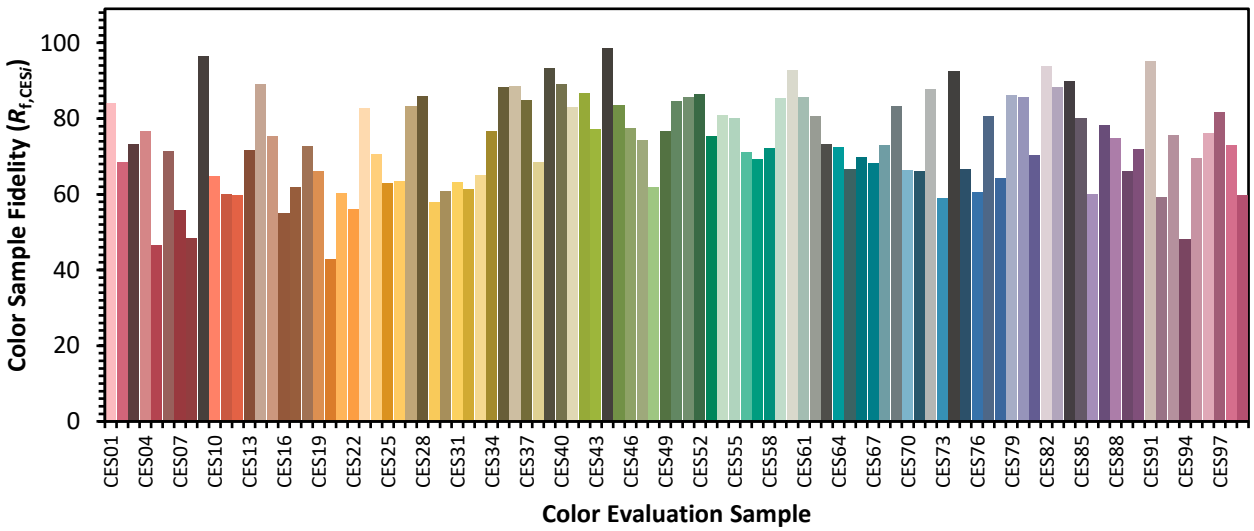
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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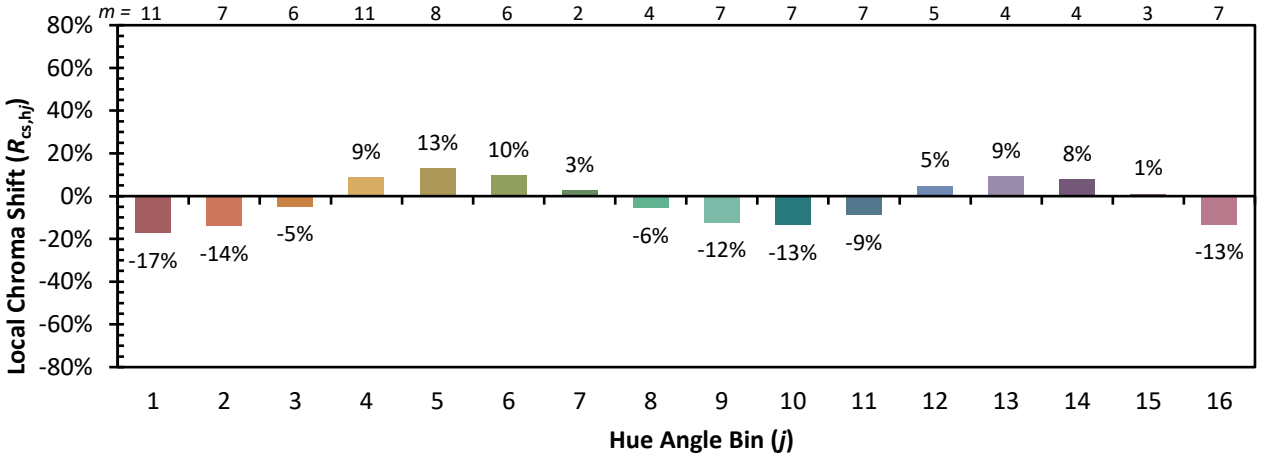
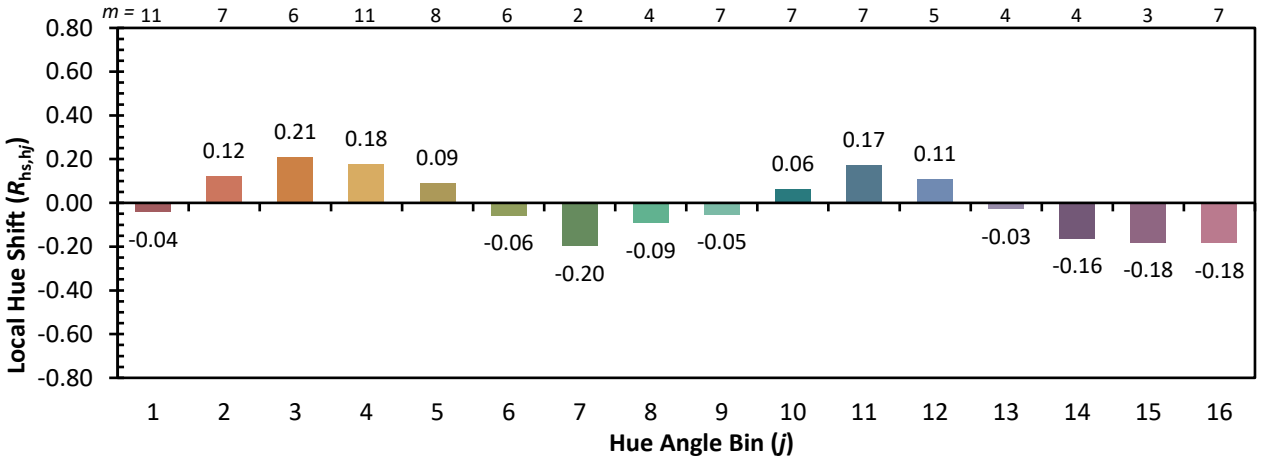
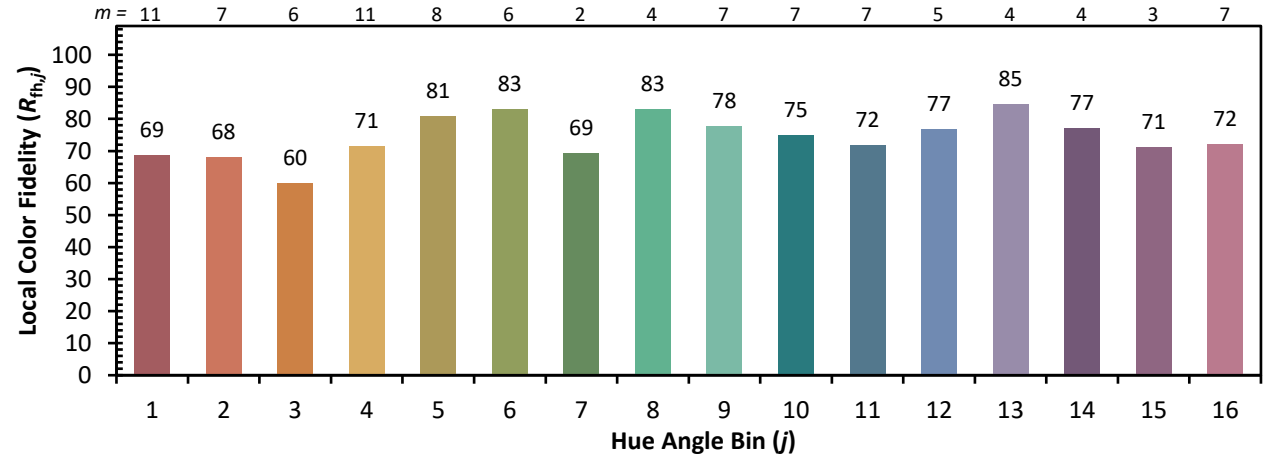
Color Rendition by Hue-Angle Bin







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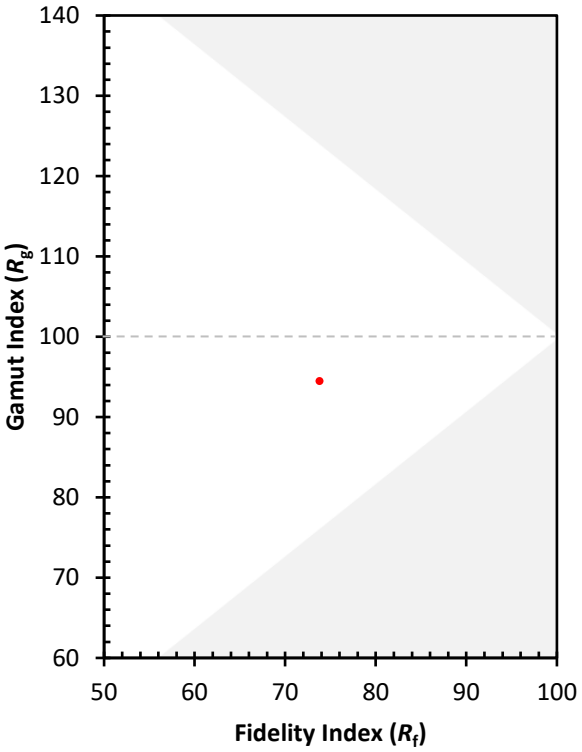
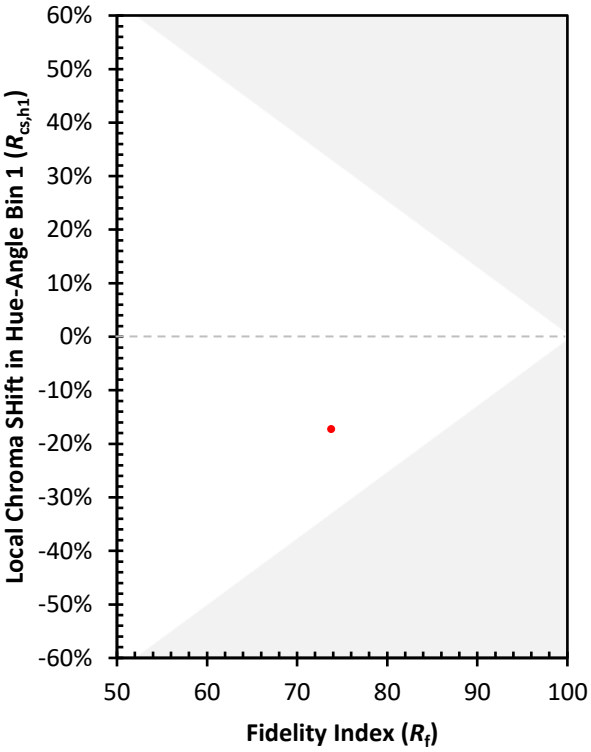
Measure Comparisons





(END OF REPORT)