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: P1047138

Luminaire Tested: **GALN-SA5B-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:	P1047138
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5B-730-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22676.3 lumens
Efficiency:	N/A
Efficacy:	126.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	178.8
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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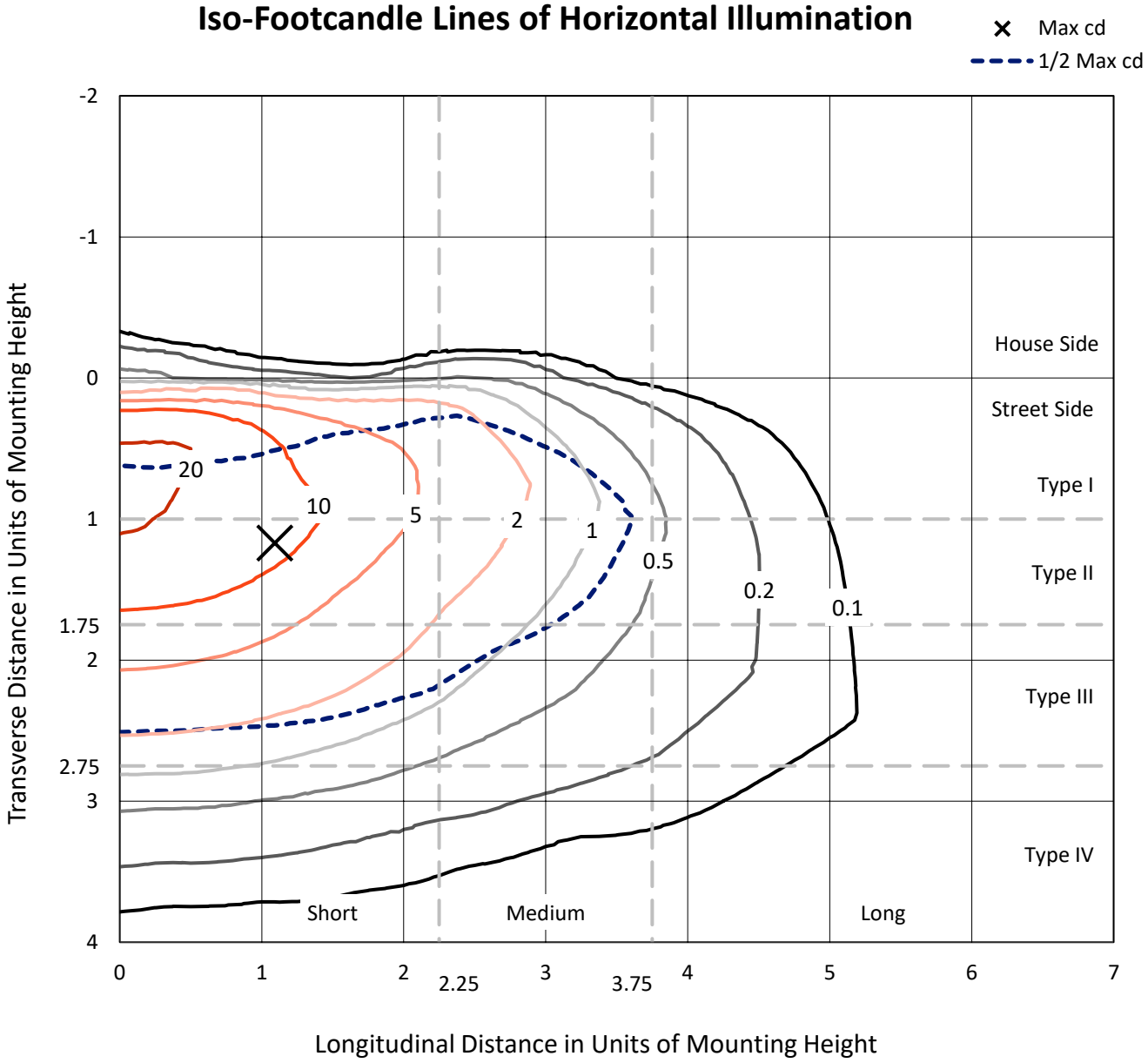
REPORT NUMBER: P1047138
CATALOG NUMBER: GALN-SA5B-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 25.4 fc
Type III - Short - N/A

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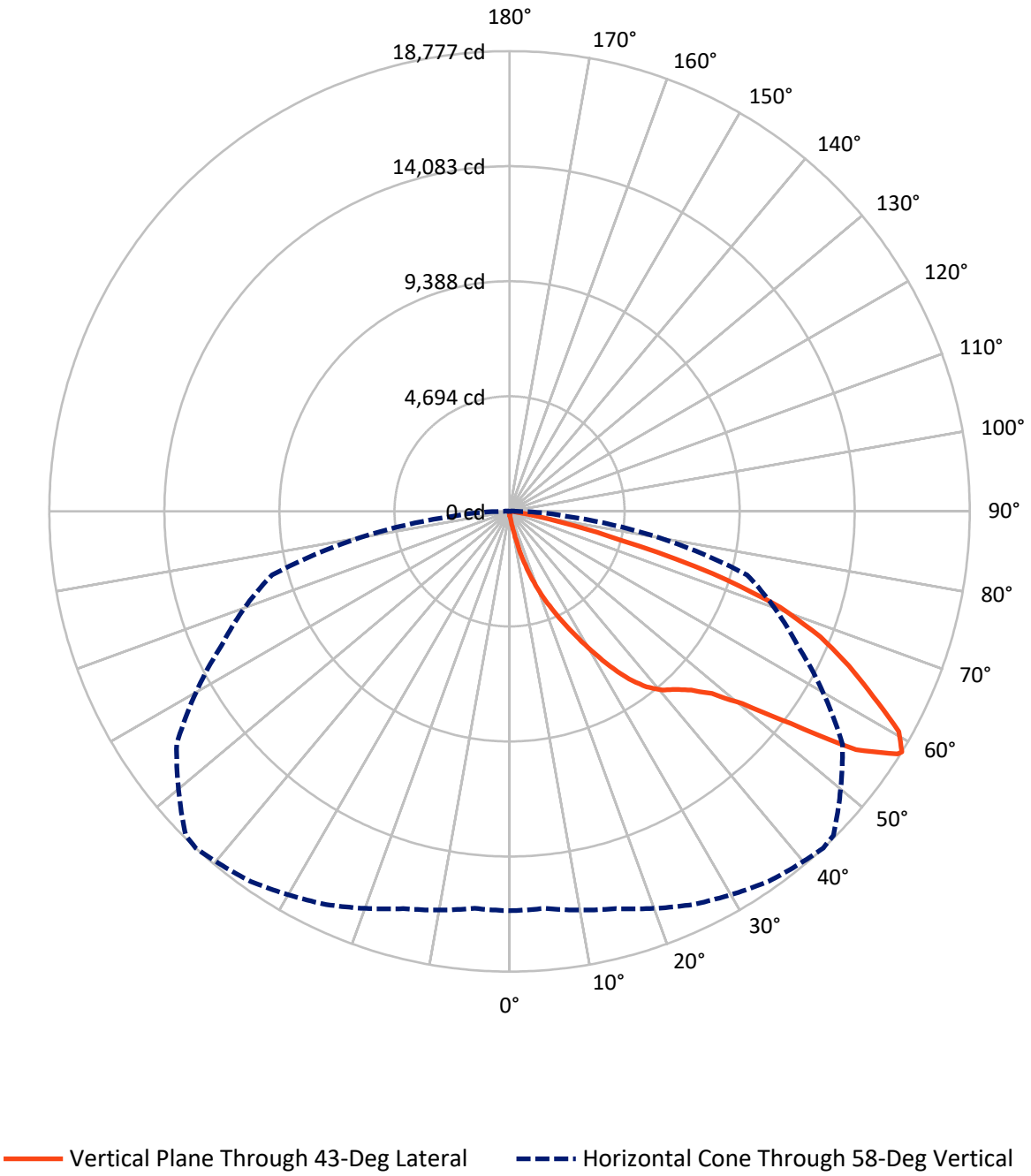
Luminous Intensity Polar Plot



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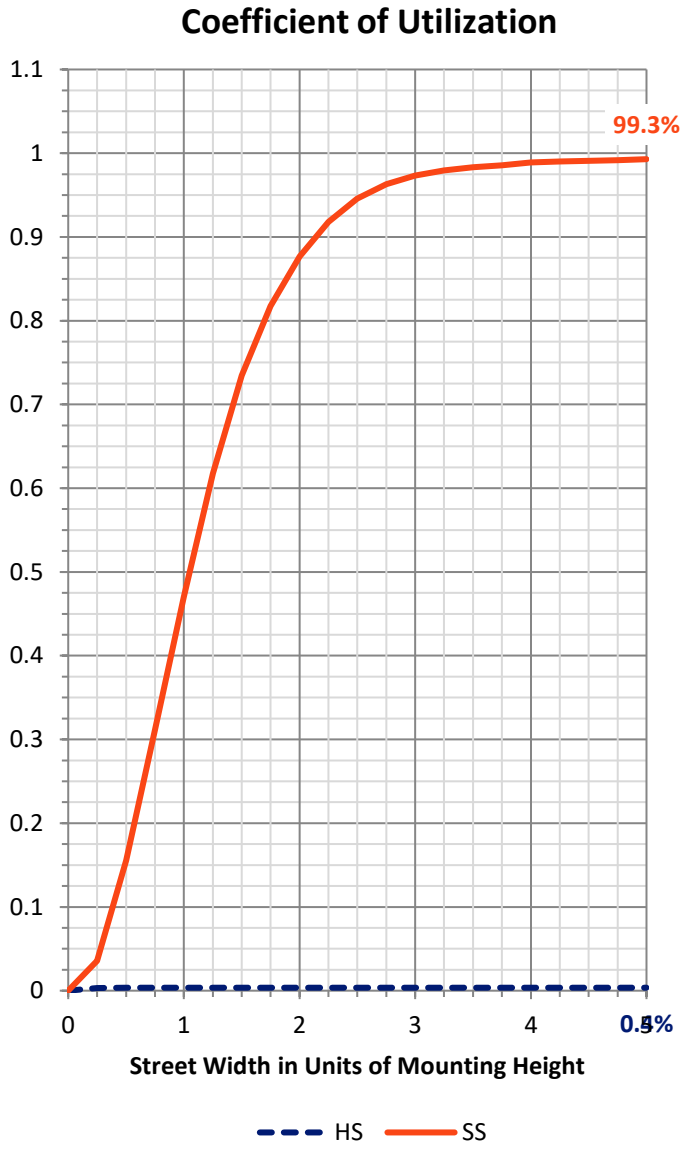
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.8	0.0	82.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22593.5	0.0	22593.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	22676.3	0.0	22676.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	0.1
10°-20°	260.7	1.1
20°-30°	939.5	4.1
30°-40°	2149.6	9.5
40°-50°	3625.5	16.0
50°-60°	5982.9	26.4
60°-70°	6686.7	29.5
70°-80°	2760.8	12.2
80°-90°	248.9	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°	22676.3	100.0
0°-180°	22676.3	100.0



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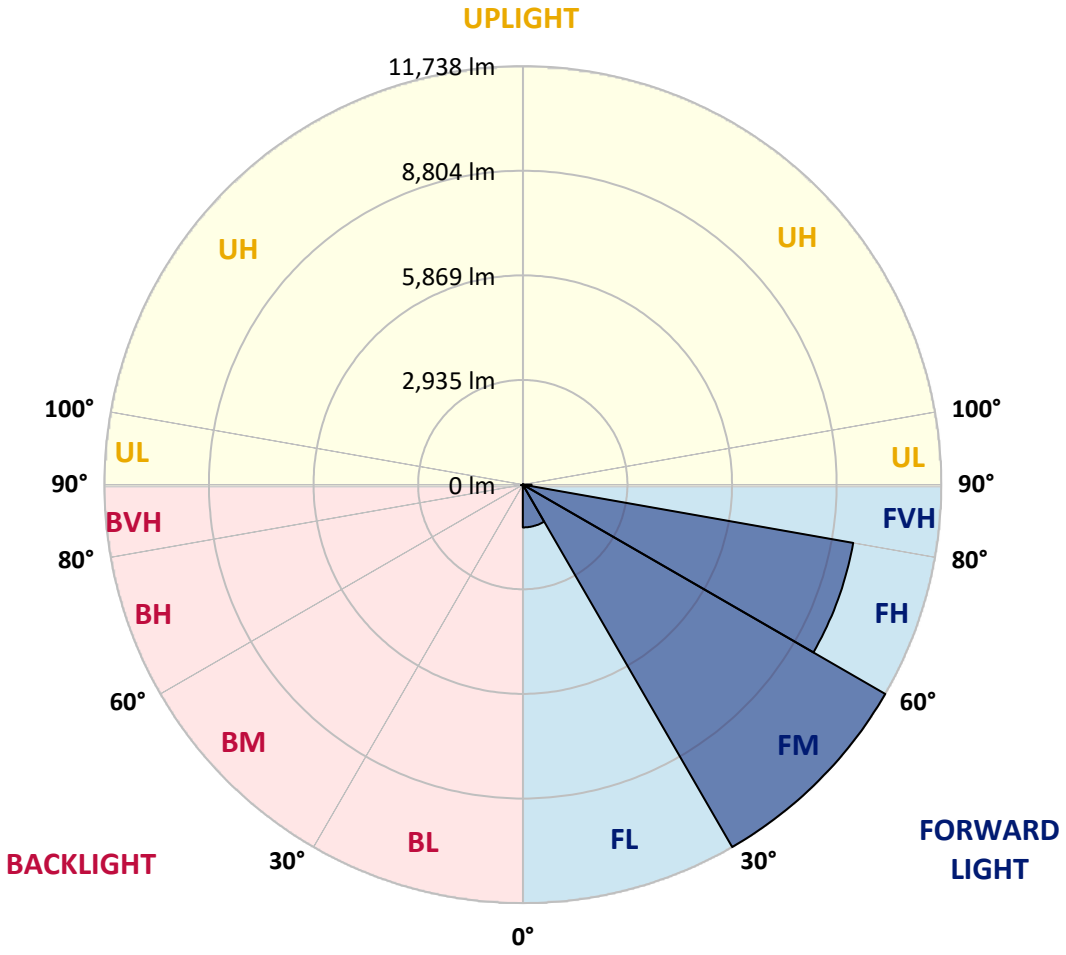
CATALOG NUMBER: GALN-SA5B-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1200.3	5.3			
FM	(30°-60°)	11738.1	51.8			
FH	(60°-80°)	9409.6	41.5			G4/12000
FVH	(80°-90°)	245.5	1.1			G3/500
BL	(0°-30°)	21.6	0.1	B0/110		
BM	(30°-60°)	19.8	0.1	B0/220		
BH	(60°-80°)	37.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	148.3	148.3	148.3	148.3	148.3	*148.3*	148.3	148.3	148.3	148.3	148.3
2.5°	177.9	183.9	177.9	177.9	177.9	*172.0*	172.0	166.1	166.1	160.1	154.2
5°	261.0	261.0	243.2	231.3	219.4	*213.5*	207.6	195.7	183.9	172.0	160.1
7.5°	581.2	581.2	527.8	456.7	361.8	*308.4*	296.5	243.2	207.6	183.9	160.1
10°	1387.8	1387.8	1269.2	1073.5	830.3	*616.8*	551.6	349.9	249.1	195.7	166.1
12.5°	2307.1	2336.7	2188.5	1939.4	1577.6	*1203.9*	1073.5	640.5	332.1	213.5	166.1
15°	3131.5	3060.3	3018.8	2781.5	2437.6	*1992.7*	1826.7	1079.4	480.4	243.2	166.1
17.5°	3688.9	3688.9	3629.6	3469.5	3155.2	*2763.7*	2627.3	1743.7	776.9	278.7	172.0
20°	4341.3	4341.3	4234.6	4121.9	3843.1	*3511.0*	3380.5	2479.1	1203.9	355.8	172.0
22.5°	5130.1	5142.0	5023.4	4821.7	4554.8	*4187.1*	4074.5	3161.1	1743.7	474.5	177.9
25°	6090.9	6102.8	5930.8	5741.0	5331.8	*4934.4*	4762.4	3944.0	2402.0	664.2	177.9
27.5°	7152.5	7235.6	6980.5	6654.3	6221.4	*5723.2*	5592.7	4649.7	3054.4	937.1	189.8
30°	8475.1	8475.1	8137.0	7680.4	7211.8	*6595.0*	6429.0	5391.1	3748.3	1298.8	201.6
32.5°	9613.8	9524.8	9091.9	8611.5	8113.3	*7538.0*	7360.1	6168.0	4460.0	1749.6	225.4
35°	10485.6	10408.5	9874.8	9358.8	8925.8	*8398.0*	8184.5	7010.2	5213.2	2259.6	261.0
37.5°	11232.9	11203.3	10479.7	9833.2	9548.6	*9086.0*	8896.2	7804.9	5954.5	2811.2	302.5
40°	12051.4	11956.5	11185.5	10384.8	9957.8	*9584.2*	9412.2	8445.4	6666.2	3457.6	361.8
42.5°	12751.2	12638.5	11944.6	11161.7	10432.3	*9928.1*	9762.1	8985.1	7360.1	4104.1	438.9
45°	13528.1	13468.8	12769.0	12175.9	11203.3	*10396.7*	10177.2	9418.1	7994.7	4875.1	539.7
47.5°	14696.5	14589.7	13937.3	13451.0	12324.2	*11108.4*	10794.0	9862.9	8605.6	5634.2	693.9
50°	16054.6	15983.5	15598.0	15212.5	14091.5	*12324.2*	11950.5	10503.4	9287.6	6535.7	895.5
52.5°	17163.7	17151.8	17199.3	17205.2	16357.1	*14370.3*	13812.8	11535.4	10070.5	7425.3	1180.2
55°	17140.0	17193.3	17715.3	18314.3	18379.5	*17163.7*	16624.0	13273.1	11090.6	8522.5	1577.6
57.5°	16499.4	16457.9	17009.5	17911.0	18545.6	*18676.0*	18587.1	15971.6	12626.6	9845.1	2188.5
58°	*16291.9*	*16256.3*	*16778.2*	*17697.5*	*18427.0*	*18776.9*	*18687.9*	*16582.5*	*12970.6*	*10034.9*	*2354.5*
60°	15538.7	15544.6	15853.0	16689.2	17418.7	*18249.0*	18332.1	18326.1	14684.6	11304.1	3190.8
62.5°	14542.3	14494.8	14779.5	15461.6	16102.1	*16659.6*	16801.9	18444.7	17193.3	12917.3	4786.1
65°	13166.3	13095.2	13397.6	14168.6	14856.6	*15218.4*	15224.3	16855.3	18373.6	14649.0	7063.6
67.5°	10610.2	10550.9	11155.8	12146.3	13207.9	*13682.3*	13895.8	14625.3	17377.2	15823.3	8368.3
70°	6500.1	6624.7	7466.9	9020.7	10835.5	*11707.4*	12027.6	12253.0	14797.3	15645.4	6998.3
72.5°	3001.0	2852.7	3570.3	4655.7	6725.5	*8664.9*	8997.0	9880.7	11731.1	13581.5	5219.1
75°	1399.7	1346.3	1512.4	2034.3	3048.4	*4679.4*	5284.3	7887.9	8997.0	9447.7	3766.0
77.5°	717.6	723.6	860.0	925.2	1257.3	*2164.7*	2485.0	5189.4	6595.0	5272.5	2526.5
80°	314.3	326.2	332.1	361.8	510.0	*836.2*	943.0	2407.9	4507.4	2686.6	1381.9
82.5°	201.6	207.6	207.6	207.6	243.2	*332.1*	379.6	966.7	2247.8	1334.4	427.0
85°	106.8	106.8	118.6	148.3	172.0	*201.6*	213.5	308.4	741.3	397.4	100.8
87.5°	59.3	65.2	71.2	89.0	112.7	*136.4*	148.3	213.5	284.7	272.8	23.7
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: GALN-SA5B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3
2.5°	154.2	148.3	142.3	136.4	130.5	124.5	124.5	124.5	124.5	124.5	124.5
5°	148.3	142.3	136.4	124.5	112.7	106.8	100.8	94.9	94.9	94.9	94.9
7.5°	148.3	142.3	124.5	112.7	100.8	89.0	77.1	77.1	77.1	77.1	77.1
10°	148.3	136.4	118.6	100.8	83.0	71.2	65.2	59.3	59.3	59.3	59.3
12.5°	148.3	130.5	112.7	89.0	71.2	59.3	53.4	47.4	47.4	47.4	47.4
15°	148.3	130.5	106.8	83.0	65.2	47.4	41.5	35.6	35.6	35.6	35.6
17.5°	142.3	124.5	100.8	71.2	53.4	35.6	29.7	23.7	23.7	29.7	29.7
20°	136.4	118.6	89.0	59.3	41.5	29.7	17.8	17.8	17.8	17.8	17.8
22.5°	136.4	118.6	83.0	53.4	35.6	17.8	11.9	11.9	11.9	11.9	17.8
25°	136.4	112.7	71.2	41.5	23.7	11.9	5.9	5.9	5.9	5.9	5.9
27.5°	136.4	112.7	65.2	35.6	17.8	11.9	5.9	0.0	0.0	0.0	0.0
30°	130.5	106.8	59.3	29.7	11.9	5.9	0.0	0.0	0.0	0.0	0.0
32.5°	130.5	100.8	47.4	23.7	11.9	5.9	0.0	0.0	0.0	0.0	0.0
35°	136.4	94.9	41.5	17.8	5.9	0.0	0.0	0.0	0.0	0.0	5.9
37.5°	142.3	89.0	35.6	11.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	148.3	83.0	35.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	160.1	83.0	29.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	172.0	83.0	23.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	195.7	89.0	23.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	213.5	94.9	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	237.2	89.0	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	266.9	89.0	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	290.6	83.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*302.5*	*77.1*	*11.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	361.8	71.2	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	563.4	59.3	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1144.6	53.4	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2135.1	47.4	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2390.1	53.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1506.4	41.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	794.7	41.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	397.4	41.5	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	183.9	29.7	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	77.1	17.8	11.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	35.6	17.8	11.9	11.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0
87.5°	17.8	17.8	17.8	11.9	11.9	5.9	5.9	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

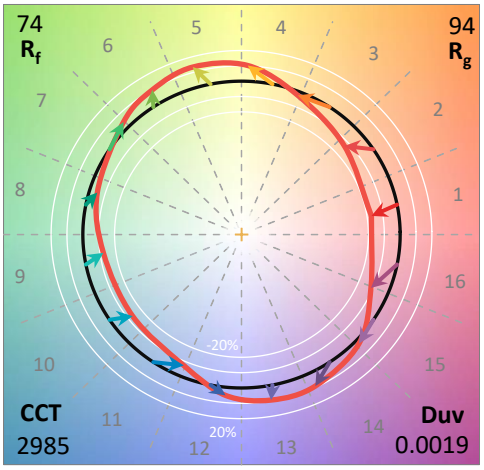
Test Information

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

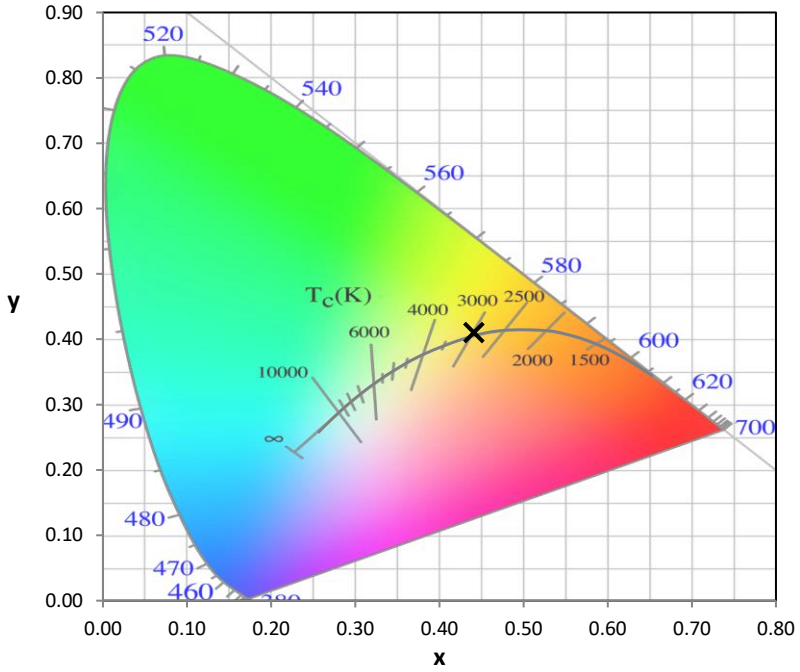
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

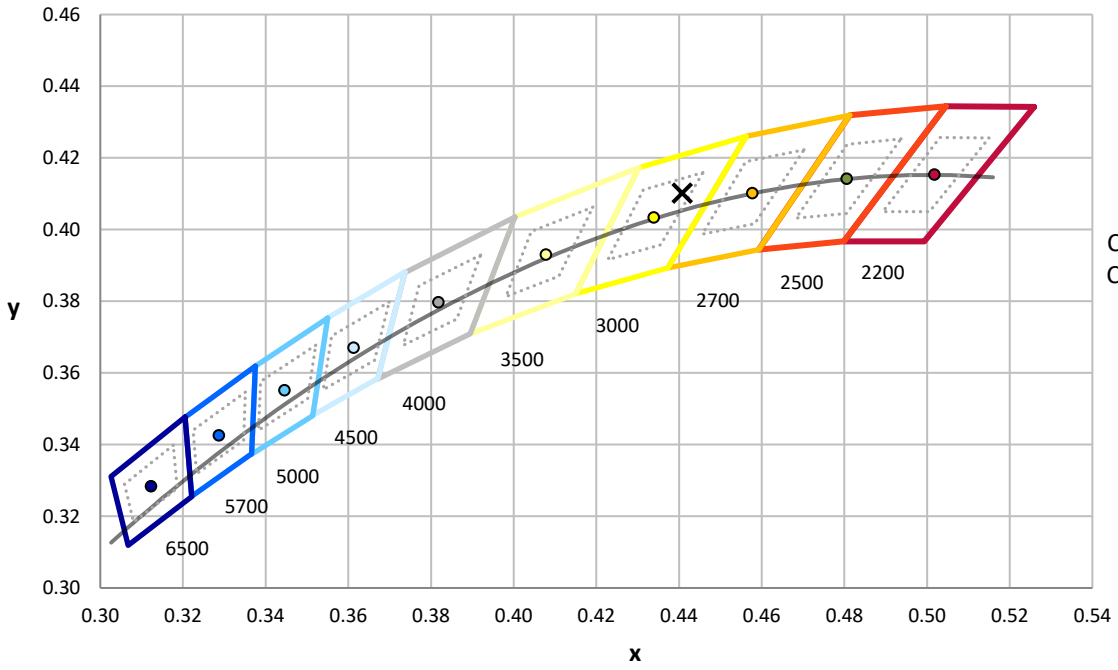
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

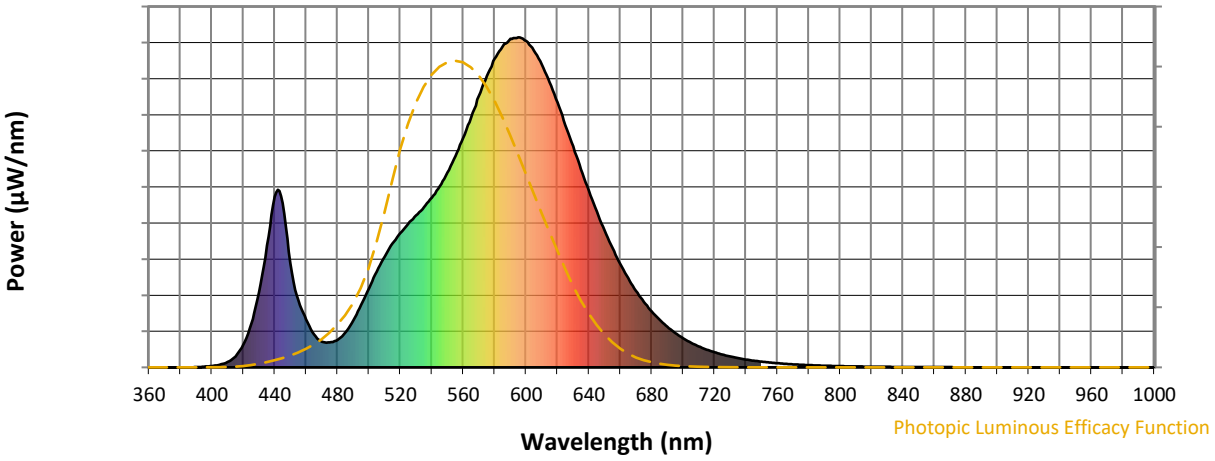


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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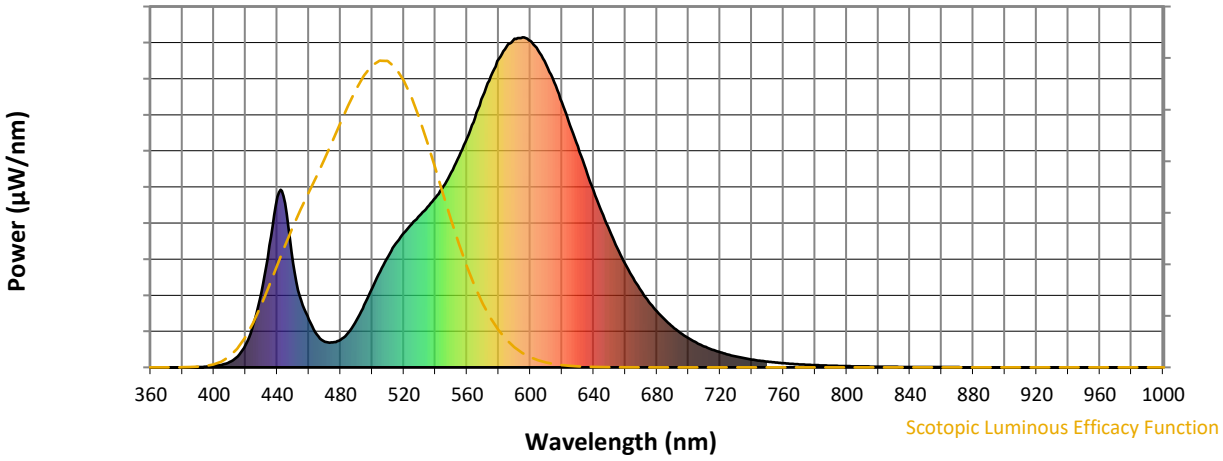
Scotopic Flux vs. Wavelength



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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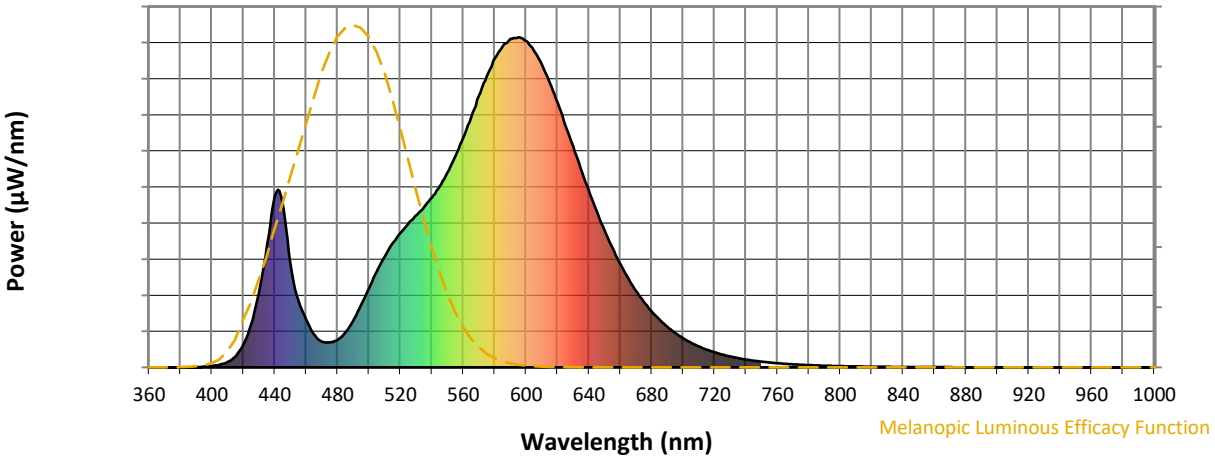
Melanopic Flux vs. Wavelength



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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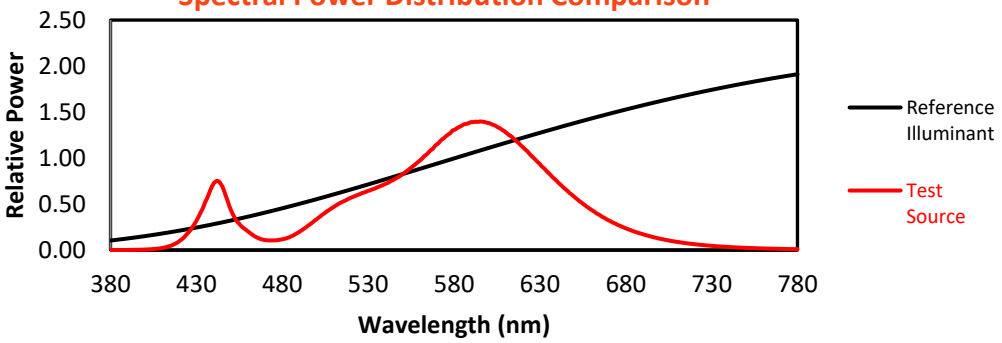
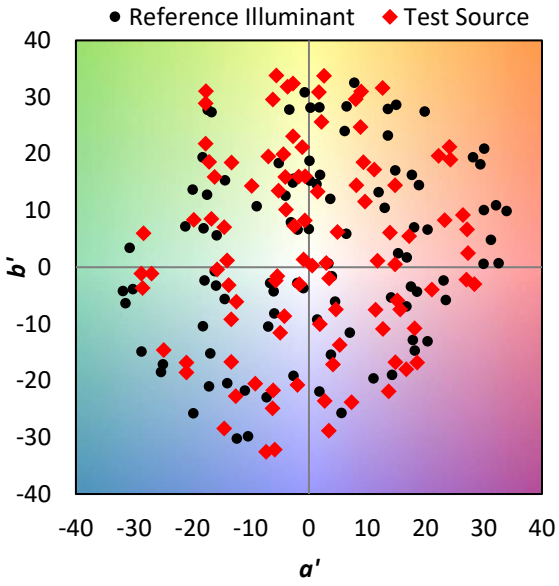
Summary

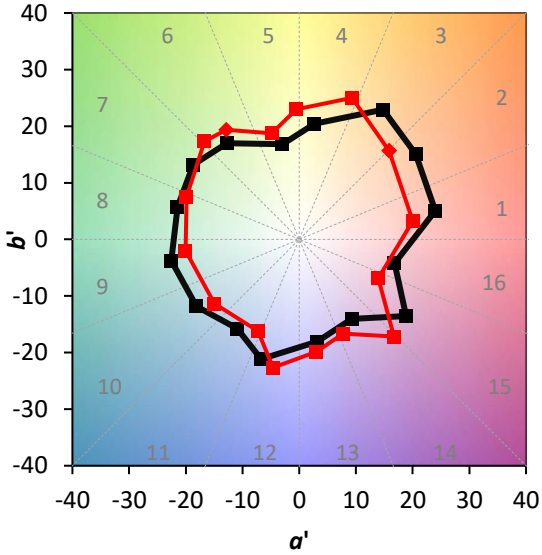
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

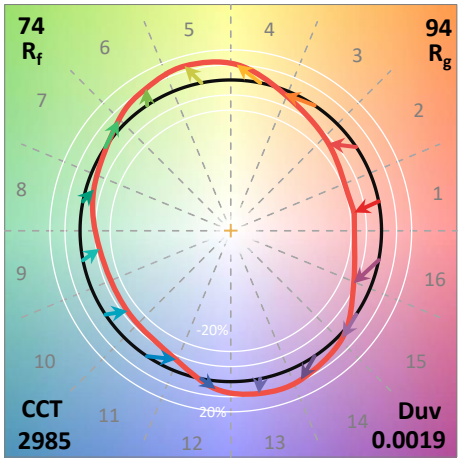
Spectral Power Distribution Comparison

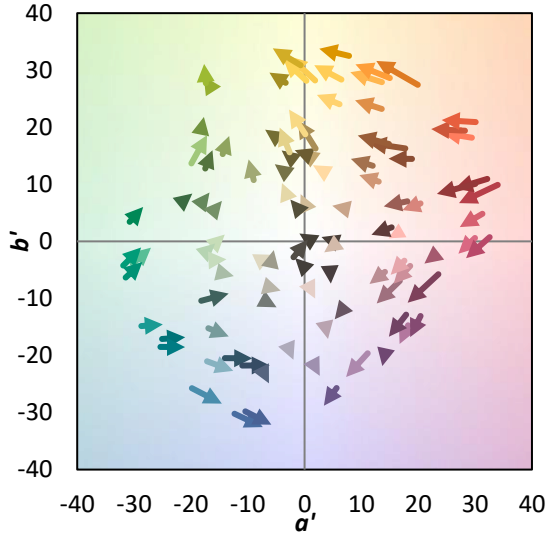


Color Vector Graphics









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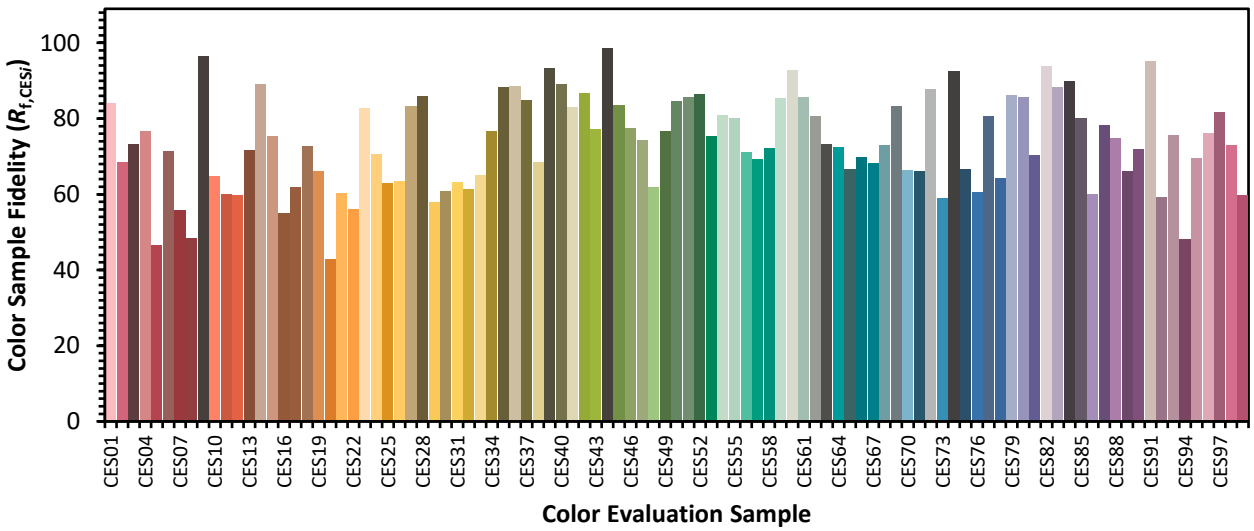
Individual Sample Fidelity Index ($R_{f,i}$)

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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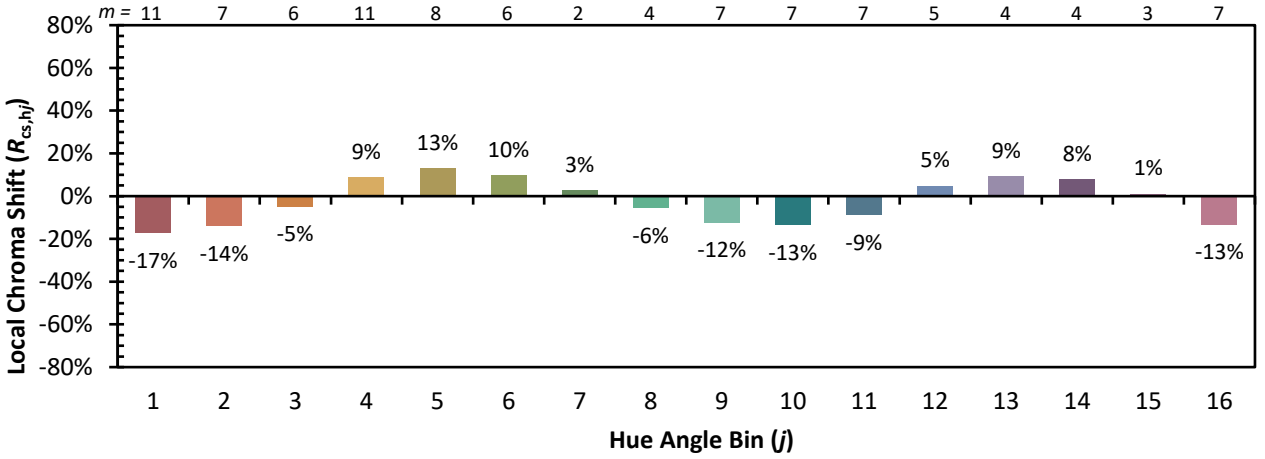
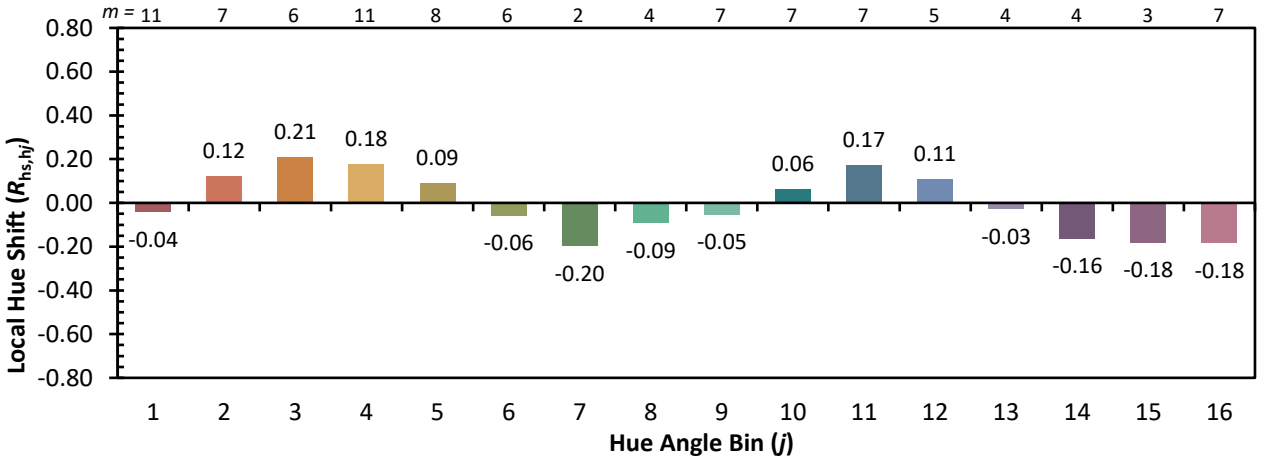
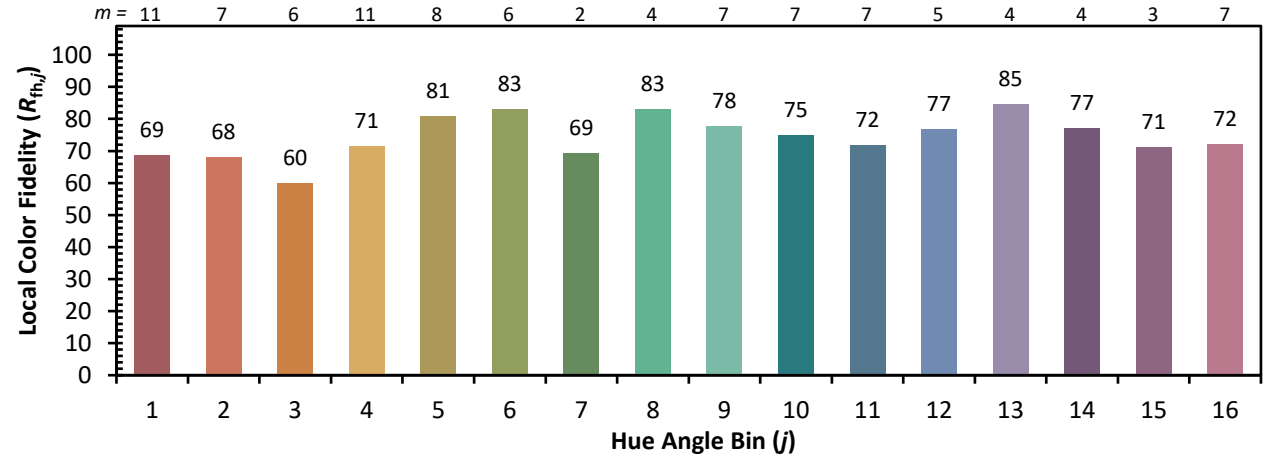
Color Rendition by Hue-Angle Bin







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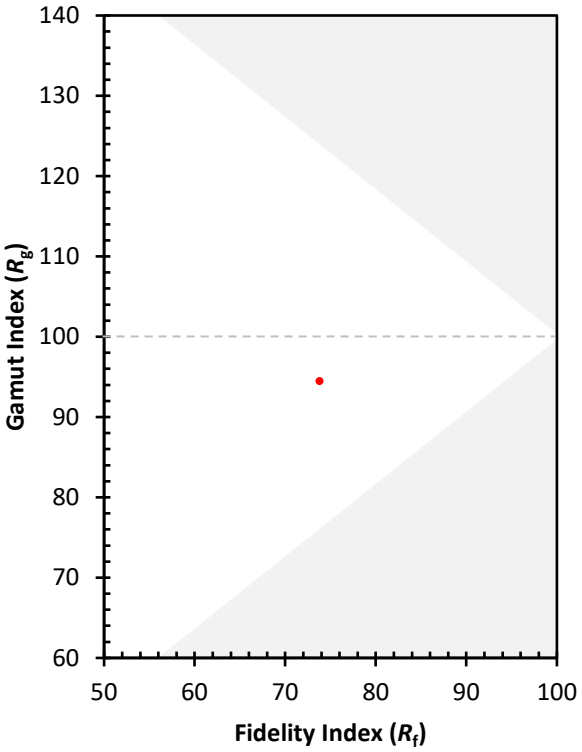
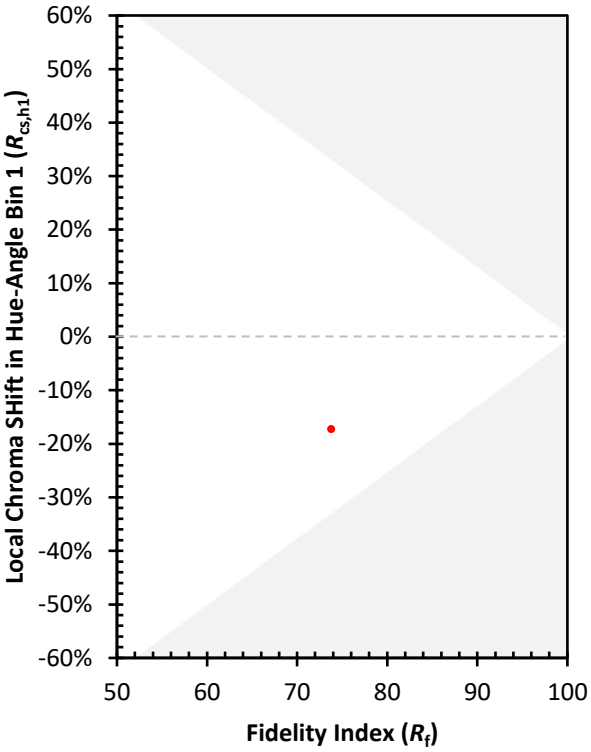
Measure Comparisons





(END OF REPORT)