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: P1048255

Luminaire Tested: **GALN-SA5C-740-U-T4BC**

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:	P1048255
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5C-740-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28062.8 lumens
Efficiency:	N/A
Efficacy:	118.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	236
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: P1048255
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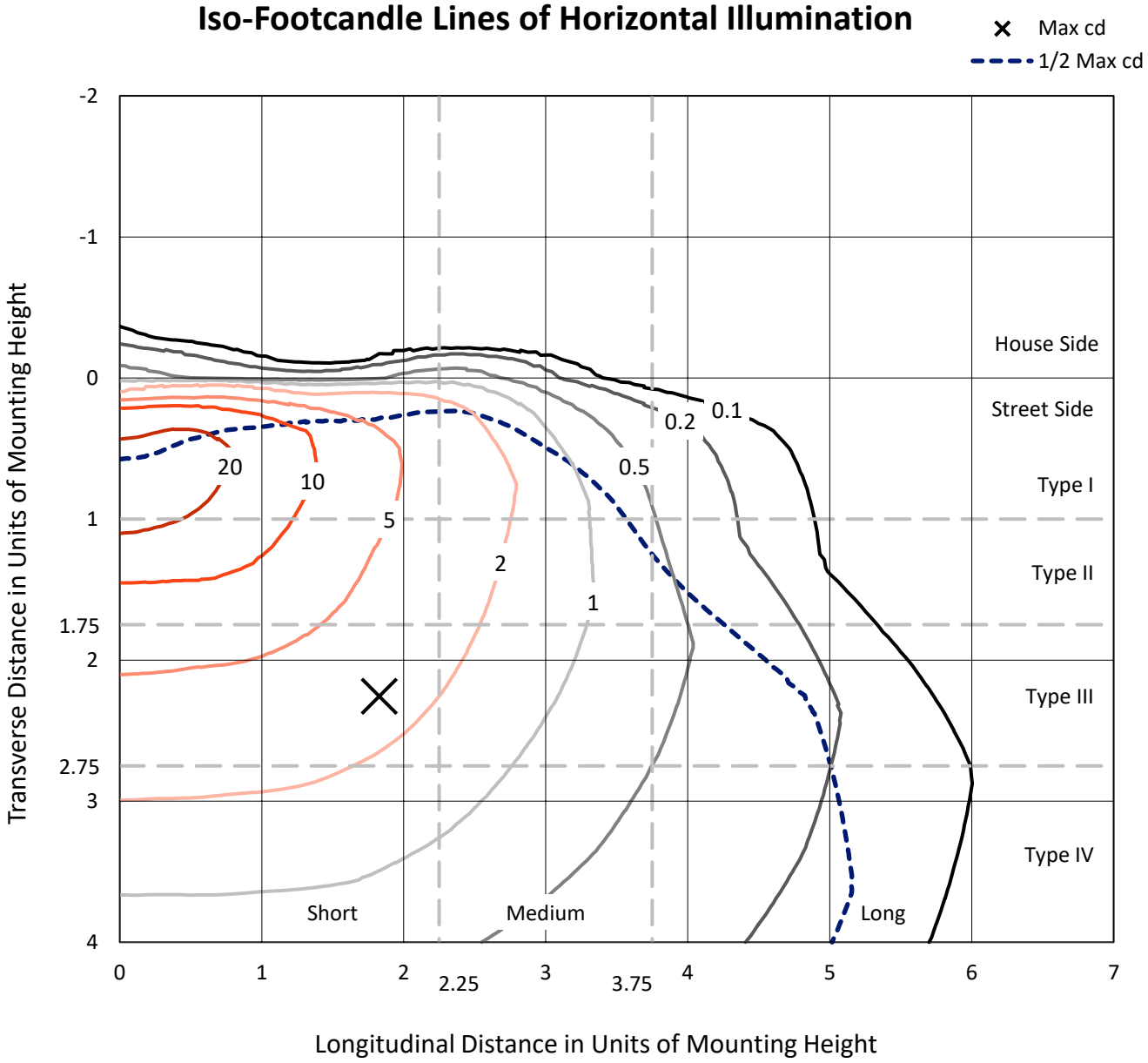
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 28.9 fc
Type IV - Short - N/A

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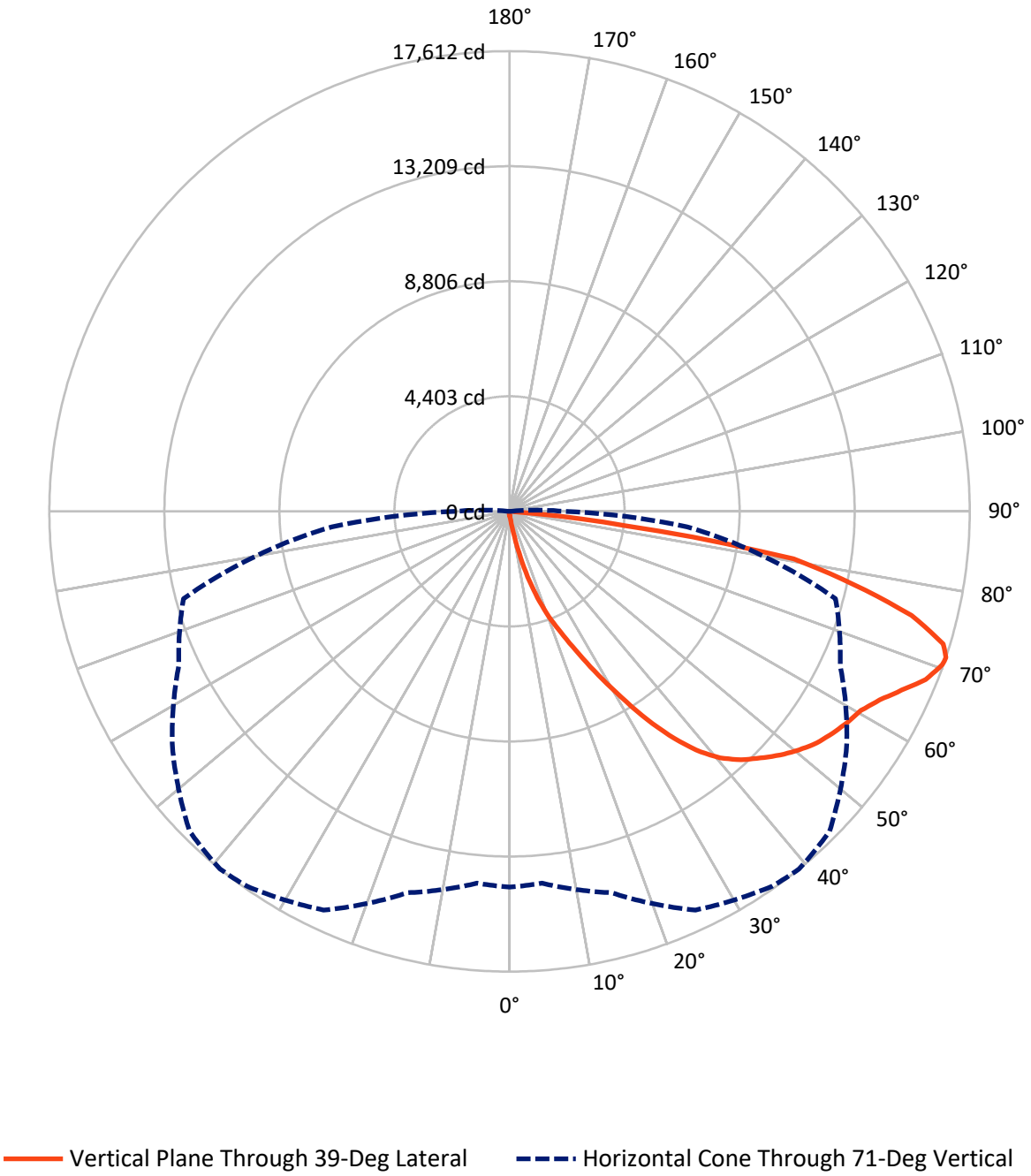
Luminous Intensity Polar Plot



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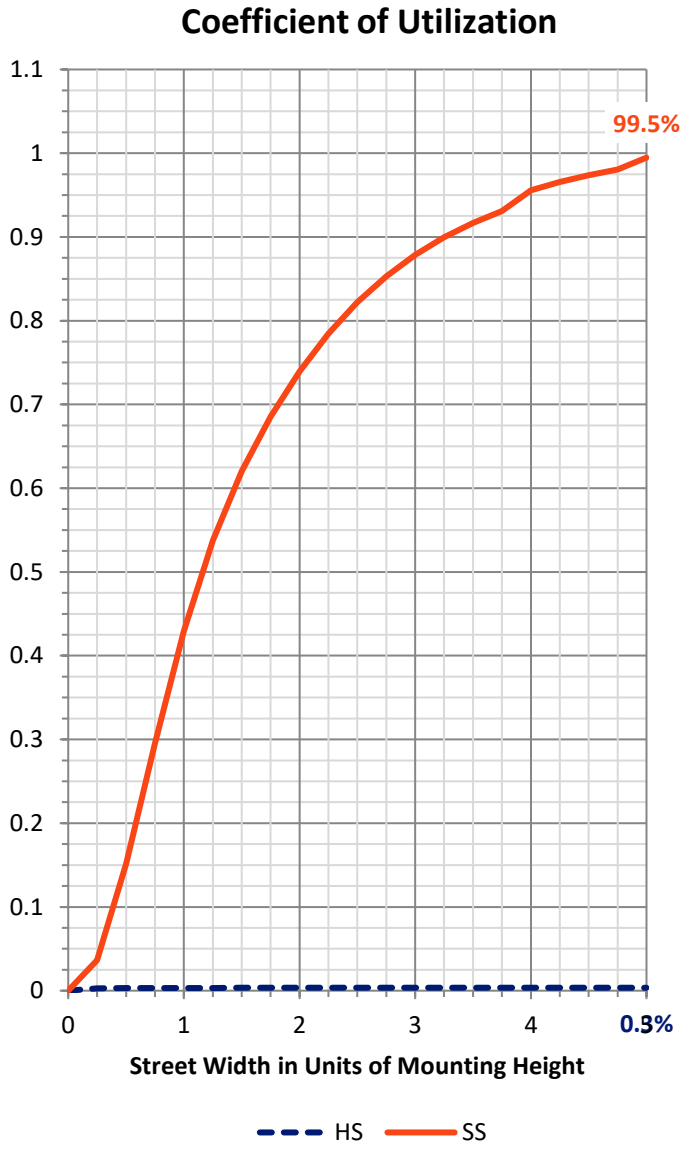
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.7	0.0	99.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27963.0	0.0	27963.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	28062.8	0.0	28062.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.5	0.1
10°-20°	299.9	1.1
20°-30°	1068.1	3.8
30°-40°	2574.3	9.2
40°-50°	4308.3	15.4
50°-60°	5533.5	19.7
60°-70°	7002.7	25.0
70°-80°	6243.2	22.2
80°-90°	1009.2	3.6
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°	28062.8	100.0
0°-180°	28062.8	100.0



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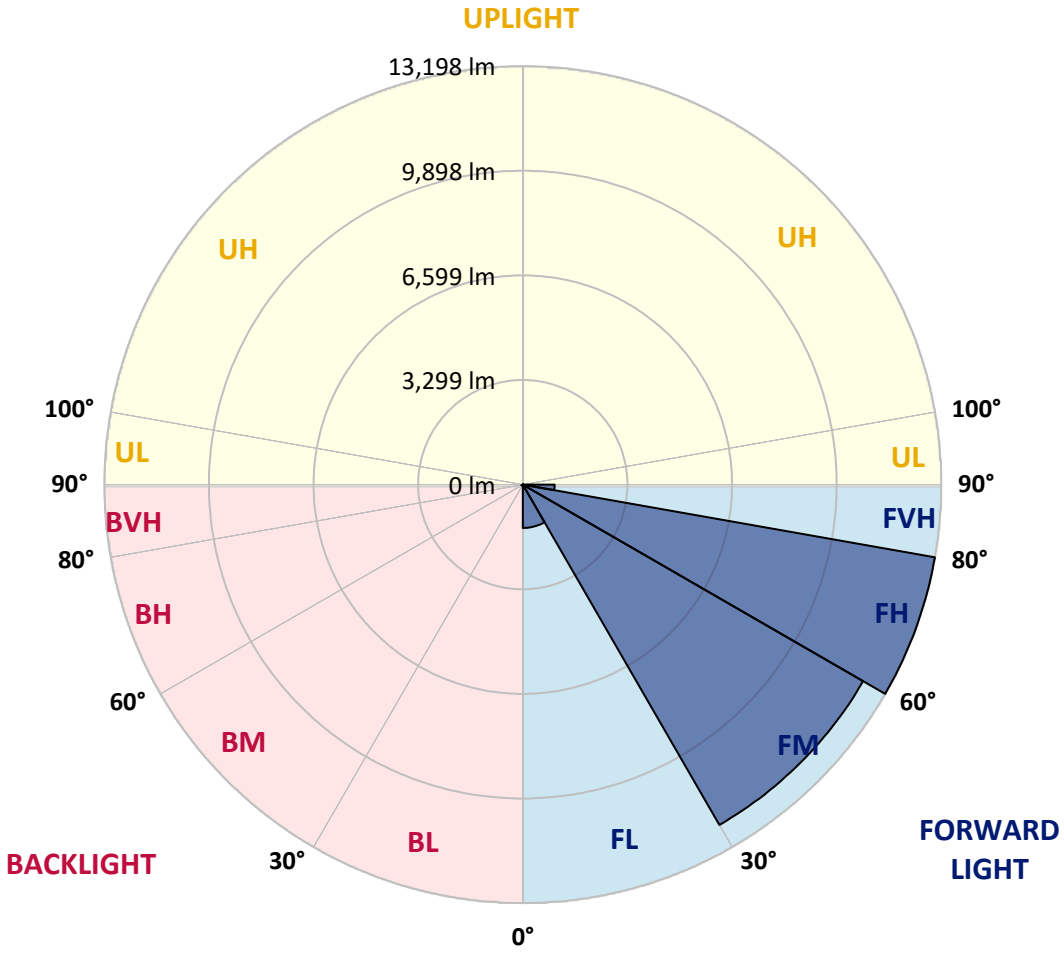
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1367.4	4.9			
FM	(30°-60°)	12393.1	44.2			
FH	(60°-80°)	13197.9	47.0			G5
FVH	(80°-90°)	1004.6	3.6			G5
BL	(0°-30°)	24.1	0.1	B0/110		
BM	(30°-60°)	23.1	0.1	B0/220		
BH	(60°-80°)	48.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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 IV Short



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REPORT NUMBER: P1048255
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	153.9	153.9	153.9	153.9	153.9	*153.9*	153.9	153.9	153.9	153.9	153.9
2.5°	176.7	176.7	176.7	171.0	171.0	*169.1*	167.2	167.2	163.4	161.5	157.7
5°	267.9	262.2	248.9	241.3	226.1	*216.6*	207.1	193.8	180.5	171.0	159.6
7.5°	606.0	619.3	575.6	493.9	410.3	*374.2*	313.5	252.7	209.0	180.5	161.5
10°	1544.5	1536.9	1388.7	1225.3	946.0	*834.0*	653.5	412.2	269.8	197.6	163.4
12.5°	2627.3	2619.7	2444.9	2222.6	1854.1	*1620.4*	1278.5	769.4	387.5	224.2	163.4
15°	3537.2	3506.8	3451.8	3231.4	2800.2	*2604.5*	2152.4	1360.2	626.9	269.8	167.2
17.5°	4139.4	4112.8	4061.6	3981.8	3708.2	*3476.4*	3113.6	2137.2	1014.4	349.5	174.8
20°	4692.3	4673.3	4631.5	4616.3	4439.6	*4316.1*	4016.0	3030.0	1580.5	474.9	186.2
22.5°	5452.1	5412.2	5429.3	5338.2	5165.3	*5017.1*	4832.8	3964.7	2272.0	683.9	207.1
25°	6383.0	6364.0	6316.5	6251.9	6012.5	*5883.4*	5600.3	4846.1	3045.2	957.4	229.9
27.5°	7507.6	7486.7	7475.3	7327.1	7051.7	*6911.1*	6516.0	5678.2	3915.3	1341.2	260.3
30°	8803.2	8812.7	8738.6	8548.6	8227.6	*8030.0*	7623.5	6550.2	4806.2	1791.4	292.6
32.5°	10144.4	10125.4	10011.4	9787.2	9500.4	*9316.1*	8799.4	7505.7	5740.9	2386.0	330.5
35°	11590.1	11554.0	11253.8	10997.4	10752.3	*10520.5*	10049.4	8615.1	6675.5	3052.8	381.8
37.5°	13049.0	12880.0	12277.7	11952.9	11783.8	*11593.9*	11155.0	9798.6	7604.5	3797.5	444.5
40°	14150.9	14019.8	13305.5	12707.1	12572.2	*12410.7*	12084.0	10820.7	8592.3	4597.3	520.5
42.5°	14760.7	14688.5	14046.4	13455.6	13138.3	*12995.8*	12716.6	11713.5	9568.8	5480.6	630.7
45°	15020.9	14908.8	14479.5	14204.0	13698.7	*13463.2*	13130.7	12387.9	10588.9	6483.7	784.6
47.5°	14941.1	14876.5	14568.8	14669.5	14302.8	*13936.2*	13448.0	12904.6	11460.9	7634.9	995.4
50°	14439.6	14384.5	14289.5	14834.7	14789.1	*14356.0*	13858.3	13313.1	12173.3	8822.2	1322.2
52.5°	13486.0	13463.2	13706.3	14705.6	15064.6	*14726.5*	14253.4	13674.0	12838.2	10062.7	1789.5
55°	12256.9	12349.9	13045.2	14504.2	15205.2	*15000.0*	14603.0	14012.2	13372.0	11172.1	2479.1
57.5°	11751.5	11776.2	12644.4	14361.7	15267.9	*15241.3*	14943.0	14335.1	13862.1	12059.3	3531.5
60°	12342.3	12304.3	12762.2	14470.0	15393.3	*15457.8*	15245.1	14635.3	14287.6	12821.1	4933.5
62.5°	13410.0	13389.1	13535.3	14931.6	15759.9	*15891.0*	15664.9	14851.8	14663.8	13322.6	6533.1
65°	14363.6	14319.9	14591.6	15750.4	16403.9	*16497.0*	16299.4	15222.3	14829.0	13687.3	8035.7
67.5°	14775.9	14766.4	15203.3	16529.3	17080.2	*17180.9*	17008.0	15733.3	14791.0	13803.2	8698.7
70°	14587.8	14551.7	15250.8	16859.8	17462.0	*17576.0*	17408.8	15923.3	14378.8	13436.6	7716.6
71°	*14380.7*	*14283.8*	*15108.3*	*16837.0*	*17515.2*	*17612.1*	*17319.5*	*15750.4*	*13964.7*	*12916.0*	*6825.6*
72.5°	13738.6	13755.7	14717.0	16599.6	17387.9	*17359.4*	16814.2	15131.1	13465.1	11734.4	5482.5
75°	12158.1	12258.8	13449.9	15602.2	16251.9	*15889.1*	15055.1	13947.6	12462.0	8413.8	3807.0
77.5°	9935.4	10085.5	11394.4	13683.5	13499.3	*13463.2*	13429.0	12289.1	10642.1	4519.4	2648.2
80°	4743.5	5068.4	6873.1	9768.2	10611.7	*11020.1*	10763.7	9903.1	8229.5	2152.4	1582.4
82.5°	309.7	305.9	433.1	820.7	3459.4	*4471.9*	7104.9	7078.3	5737.1	1048.6	645.9
85°	146.3	150.1	165.3	188.1	218.5	*239.4*	330.5	1937.7	2745.1	499.6	140.6
87.5°	85.5	87.4	102.6	131.1	171.0	*190.0*	226.1	290.7	357.1	275.5	30.4
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-SA5C-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
2.5°	155.8	153.9	148.2	142.5	136.8	133.0	131.1	133.0	133.0	134.9	134.9
5°	155.8	150.1	140.6	129.2	121.6	114.0	110.2	108.3	110.2	110.2	110.2
7.5°	153.9	144.4	131.1	117.8	108.3	98.8	95.0	93.1	93.1	95.0	95.0
10°	150.1	140.6	123.5	108.3	96.9	85.5	79.8	74.1	74.1	74.1	76.0
12.5°	148.2	134.9	114.0	98.8	83.6	70.3	58.9	53.2	55.1	55.1	55.1
15°	144.4	129.2	108.3	89.3	70.3	53.2	43.7	38.0	39.9	41.8	39.9
17.5°	144.4	127.3	100.7	77.9	55.1	39.9	32.3	28.5	28.5	30.4	30.4
20°	144.4	123.5	95.0	66.5	41.8	30.4	22.8	20.9	20.9	24.7	26.6
22.5°	148.2	123.5	87.4	55.1	34.2	22.8	17.1	15.2	17.1	20.9	22.8
25°	153.9	121.6	79.8	49.4	28.5	17.1	13.3	9.5	11.4	15.2	17.1
27.5°	159.6	119.7	72.2	43.7	22.8	13.3	9.5	7.6	5.7	7.6	7.6
30°	165.3	119.7	64.6	36.1	19.0	9.5	5.7	3.8	1.9	0.0	0.0
32.5°	169.1	115.9	58.9	28.5	15.2	7.6	3.8	1.9	0.0	0.0	0.0
35°	172.9	112.1	51.3	22.8	11.4	5.7	1.9	0.0	0.0	0.0	0.0
37.5°	176.7	106.4	43.7	19.0	9.5	3.8	0.0	0.0	0.0	0.0	0.0
40°	180.5	98.8	36.1	17.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	184.3	93.1	30.4	13.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	193.8	89.3	24.7	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	210.9	85.5	22.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	235.6	81.7	20.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	269.8	79.8	19.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	330.5	77.9	17.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	435.0	76.0	17.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	666.8	72.2	17.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1191.1	70.3	15.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2076.4	72.2	15.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2976.8	76.0	13.3	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2547.5	66.5	13.3	7.6	3.8	1.9	0.0	0.0	0.0	0.0	0.0
71°	*2076.4*	*58.9*	*13.3*	*7.6*	*3.8*	*1.9*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1335.5	45.6	11.4	7.6	3.8	3.8	1.9	0.0	0.0	0.0	0.0
75°	564.2	38.0	11.4	7.6	5.7	3.8	3.8	1.9	0.0	0.0	0.0
77.5°	241.3	28.5	11.4	9.5	7.6	5.7	5.7	3.8	1.9	0.0	0.0
80°	91.2	22.8	13.3	11.4	9.5	9.5	7.6	3.8	1.9	0.0	0.0
82.5°	41.8	19.0	13.3	11.4	11.4	9.5	7.6	5.7	3.8	0.0	0.0
85°	26.6	17.1	13.3	11.4	11.4	9.5	9.5	5.7	3.8	0.0	0.0
87.5°	20.9	17.1	13.3	13.3	11.4	11.4	7.6	5.7	1.9	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

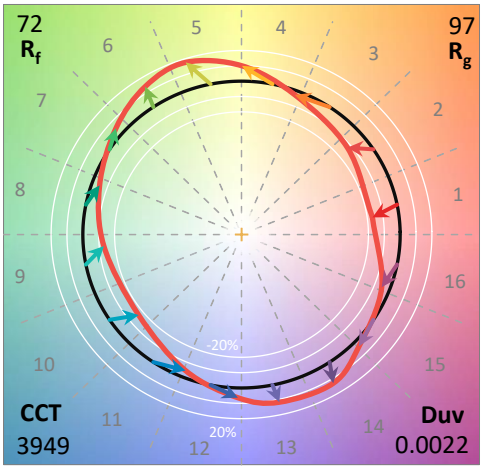
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

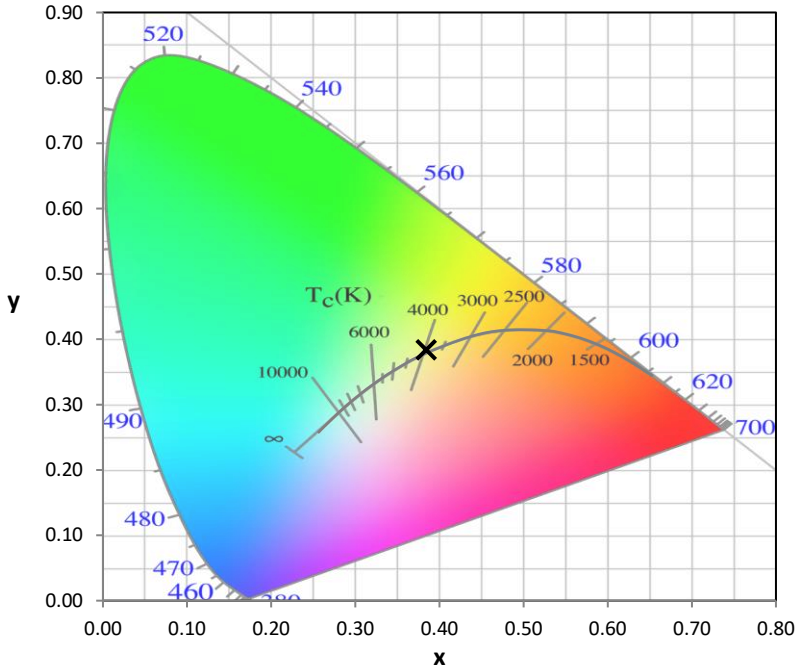
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

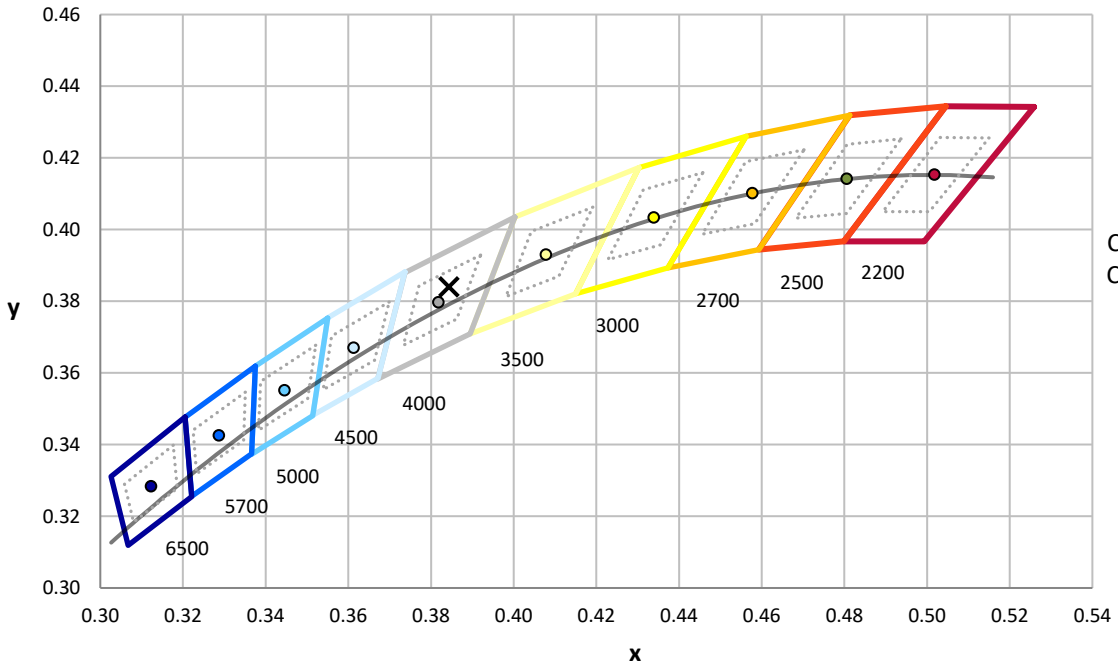
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

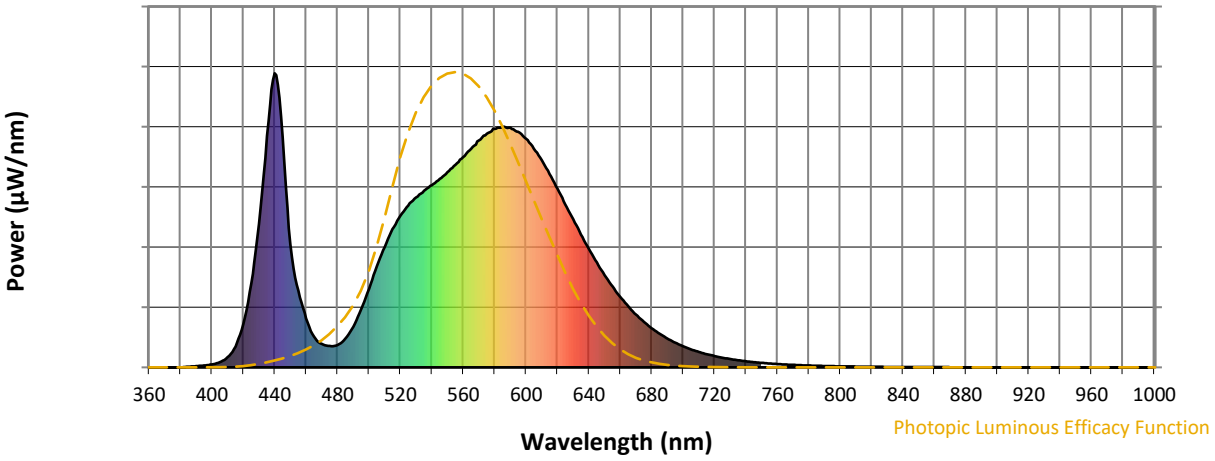


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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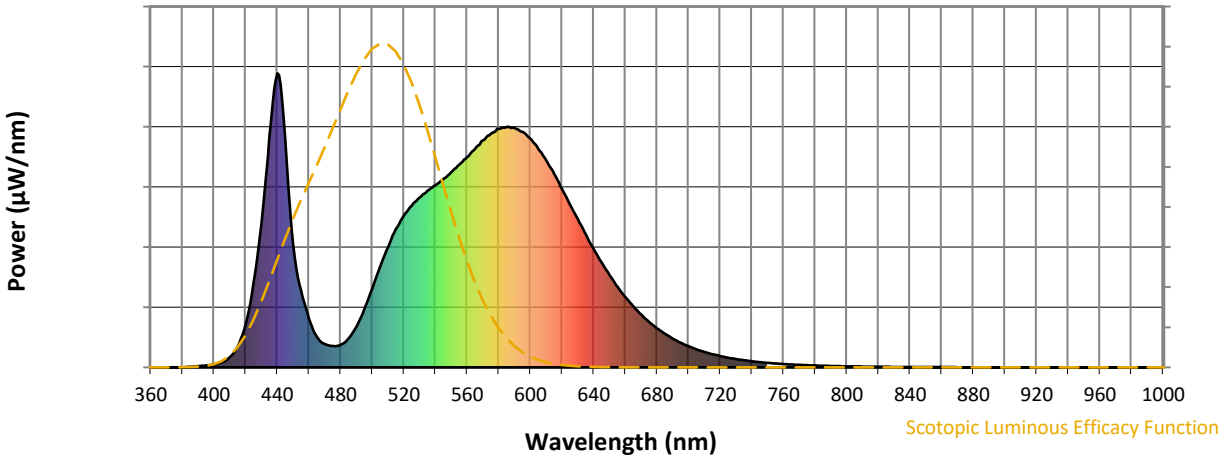
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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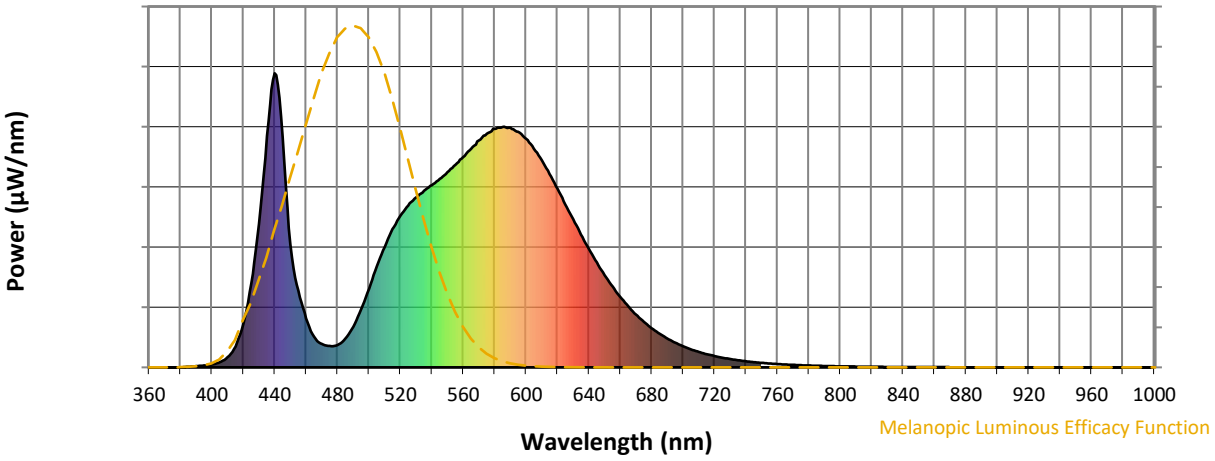
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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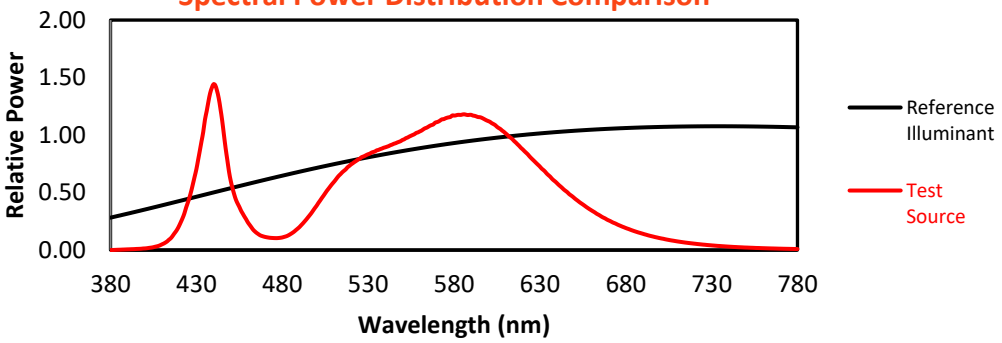
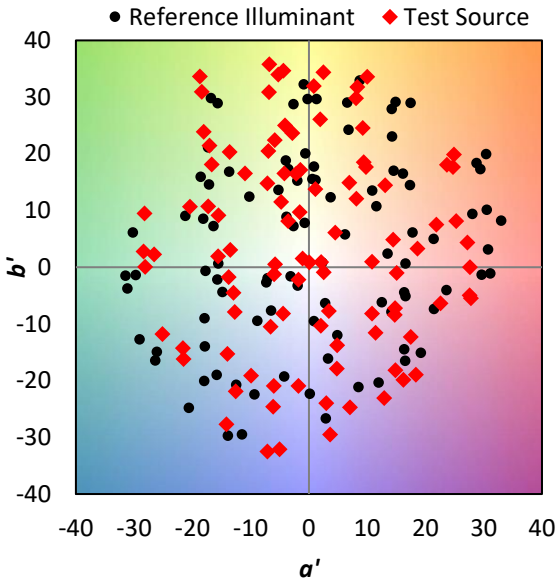
Summary

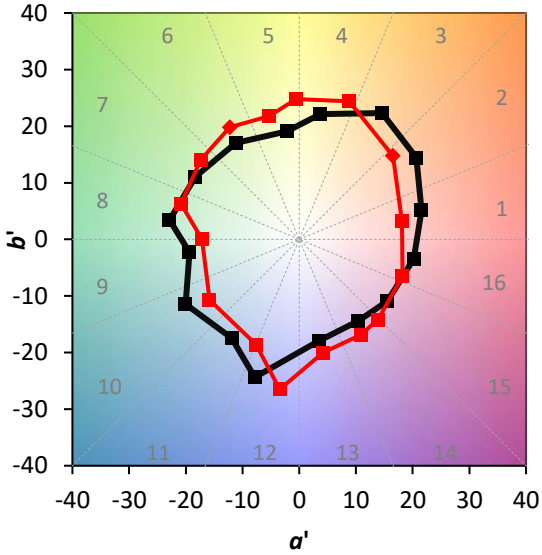
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

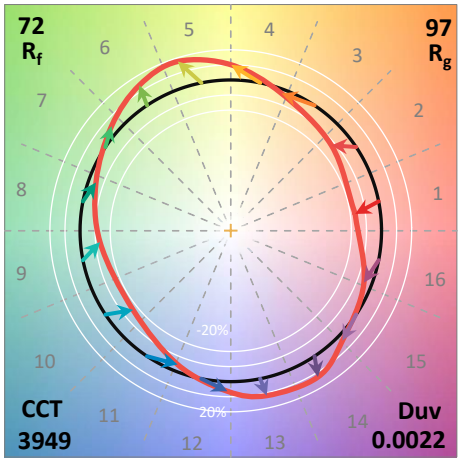
Spectral Power Distribution Comparison

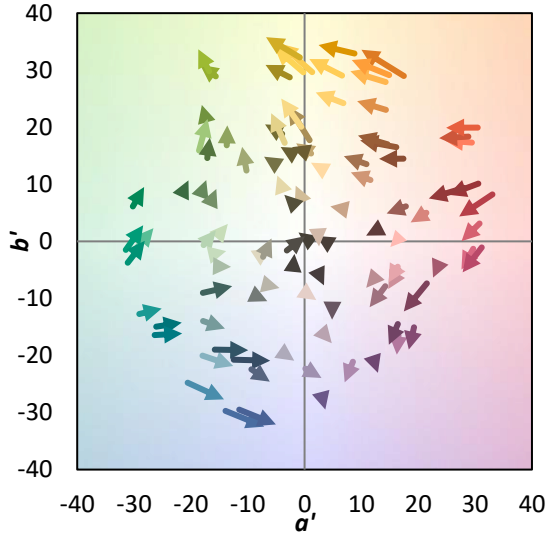


Color Vector Graphics









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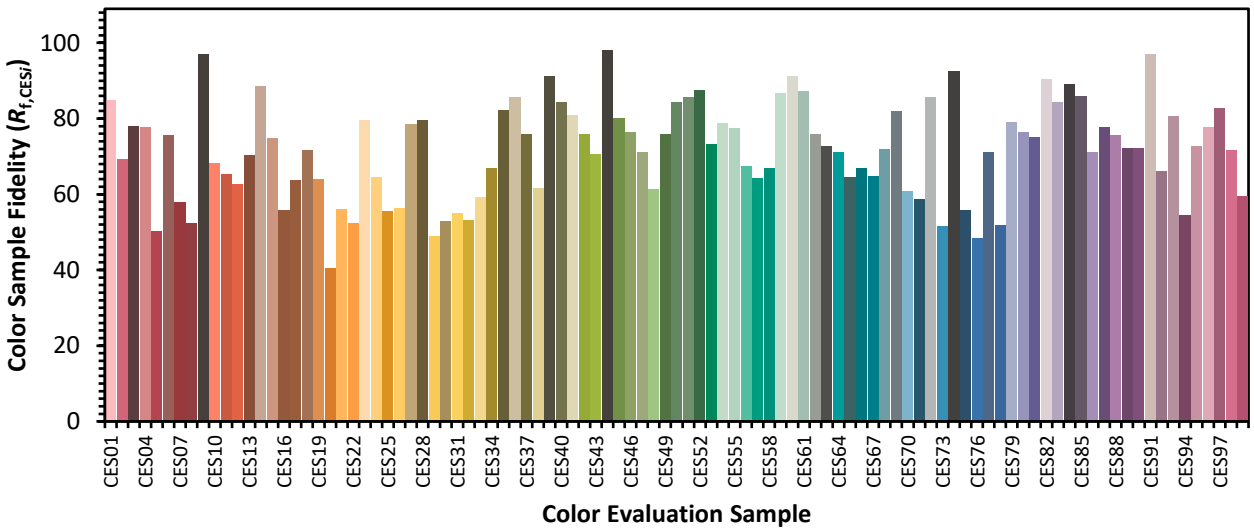
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



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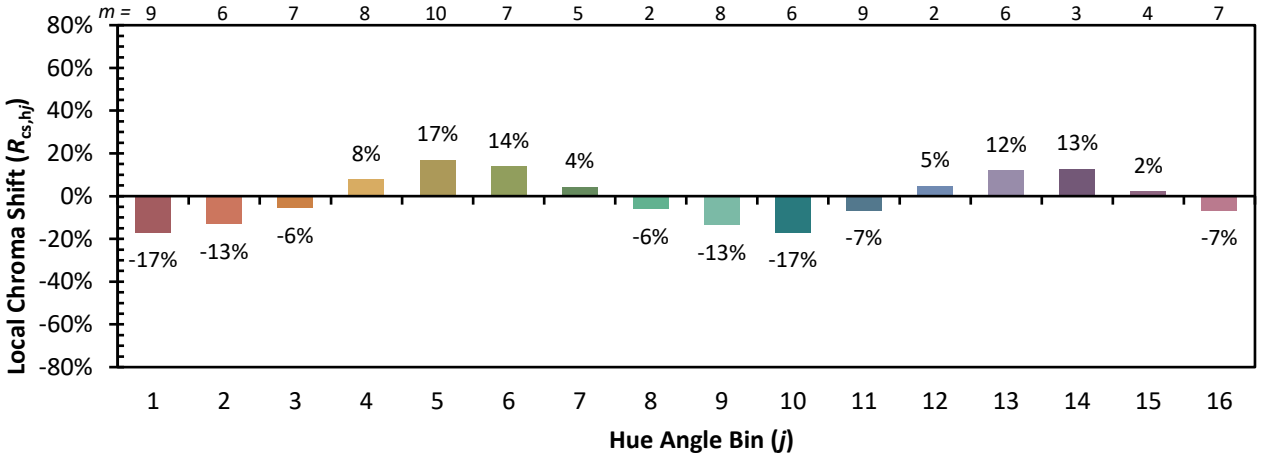
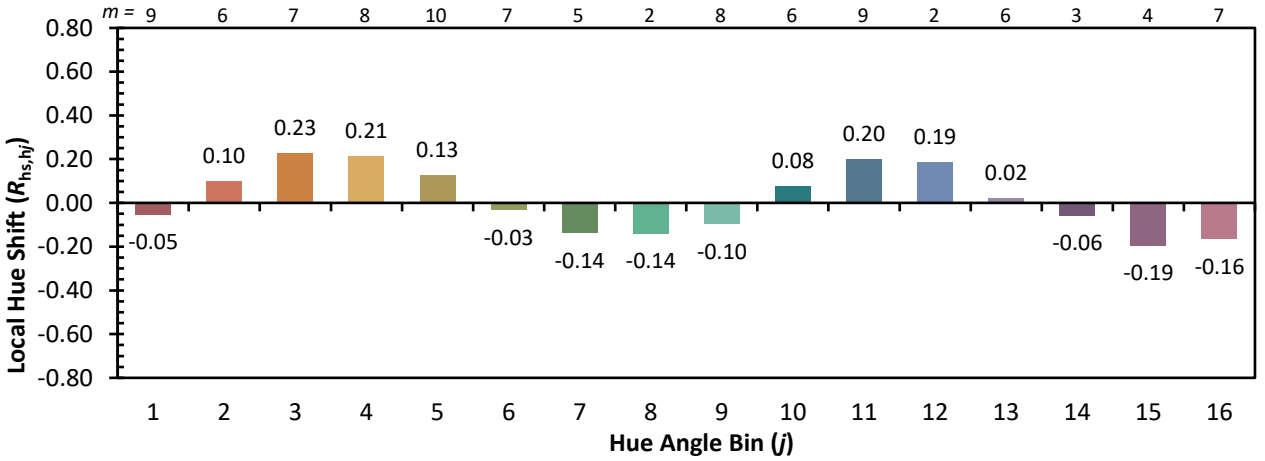
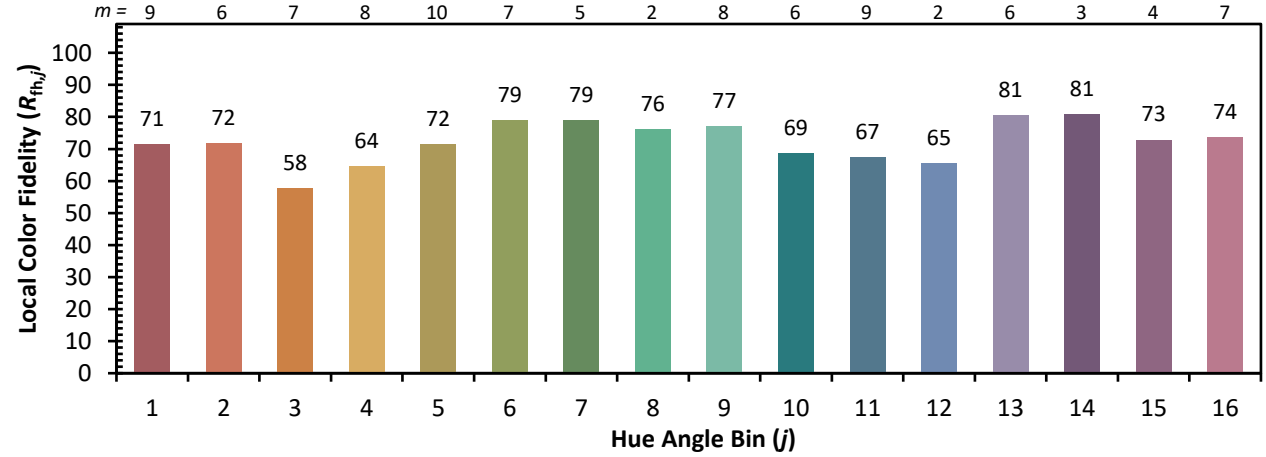
Color Rendition by Hue-Angle Bin







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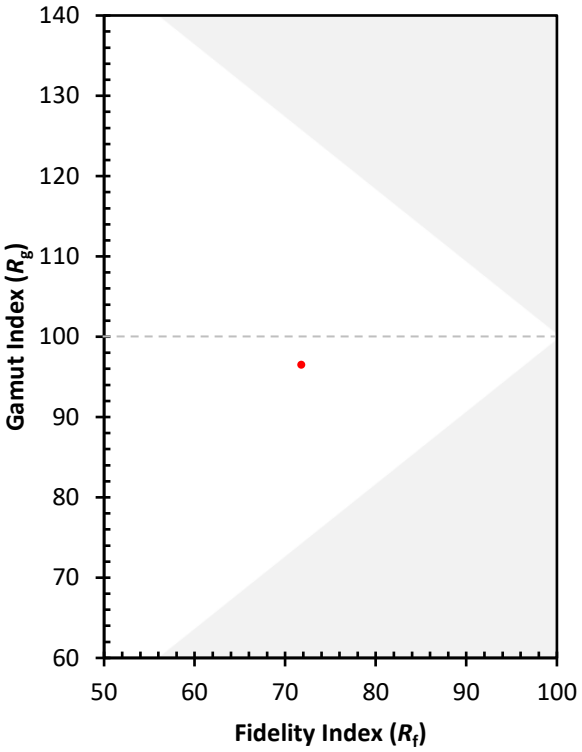
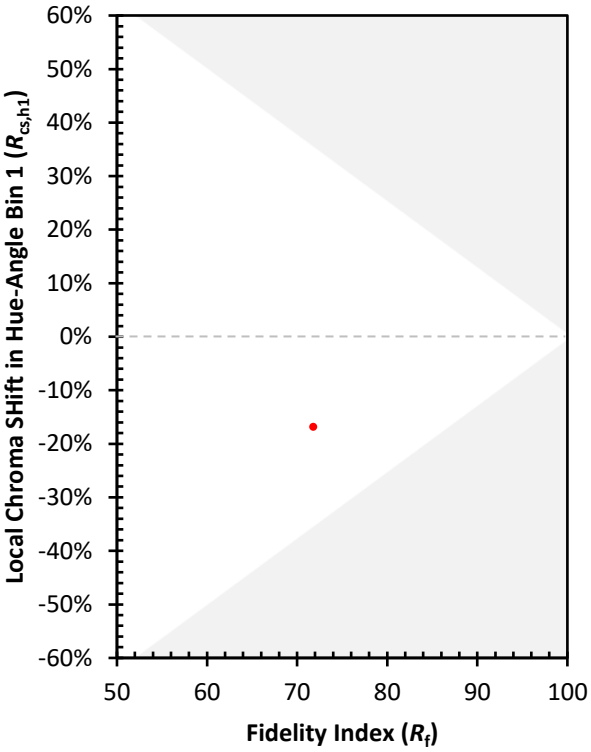
Measure Comparisons





(END OF REPORT)