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: P1048269

Luminaire Tested: **GALN-SA9A-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:	P1048269
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-740-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32626.1 lumens
Efficiency:	N/A
Efficacy:	133.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	244.6
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: P1048269
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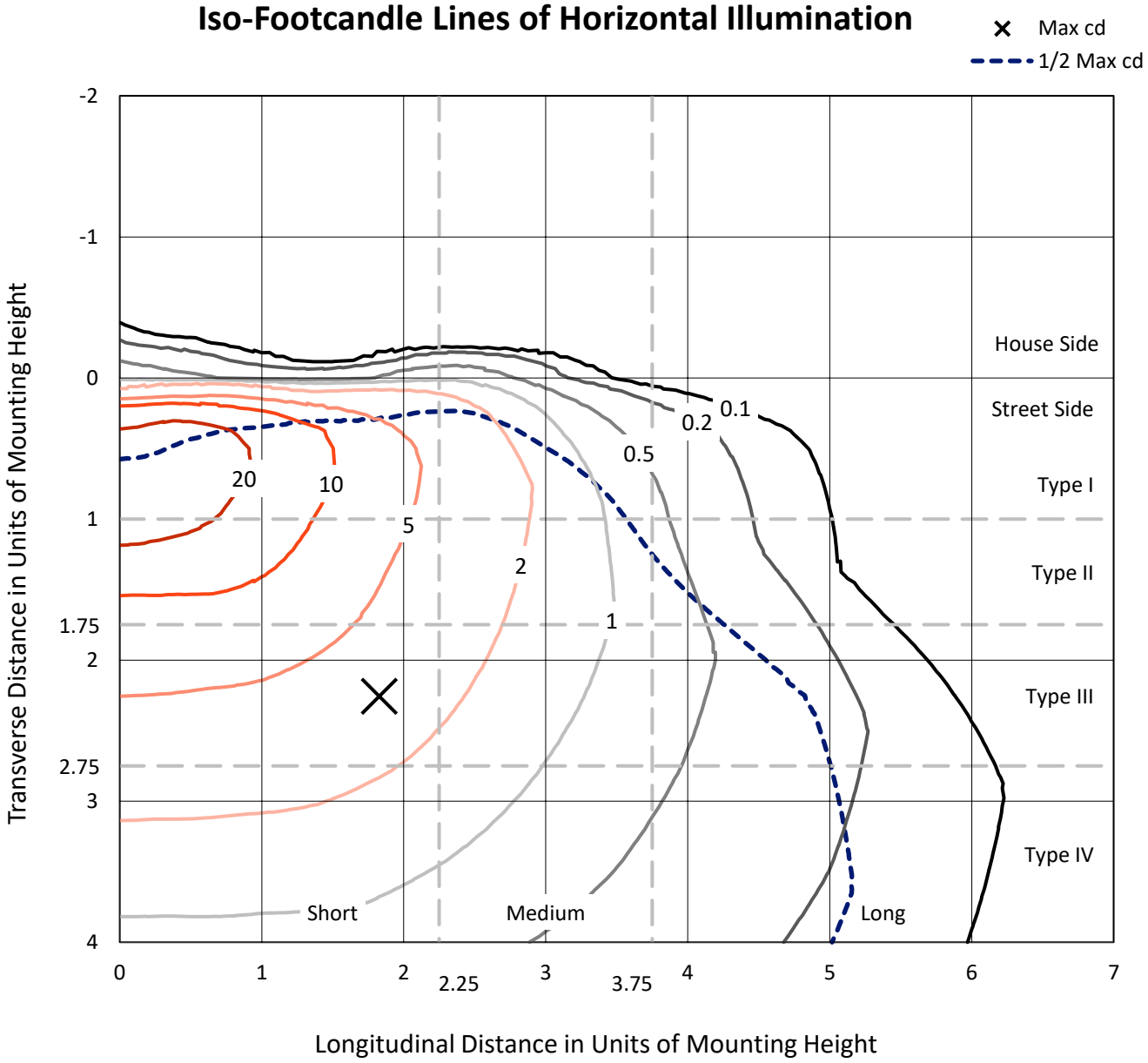
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 33.5 fc
Type IV - Short - N/A

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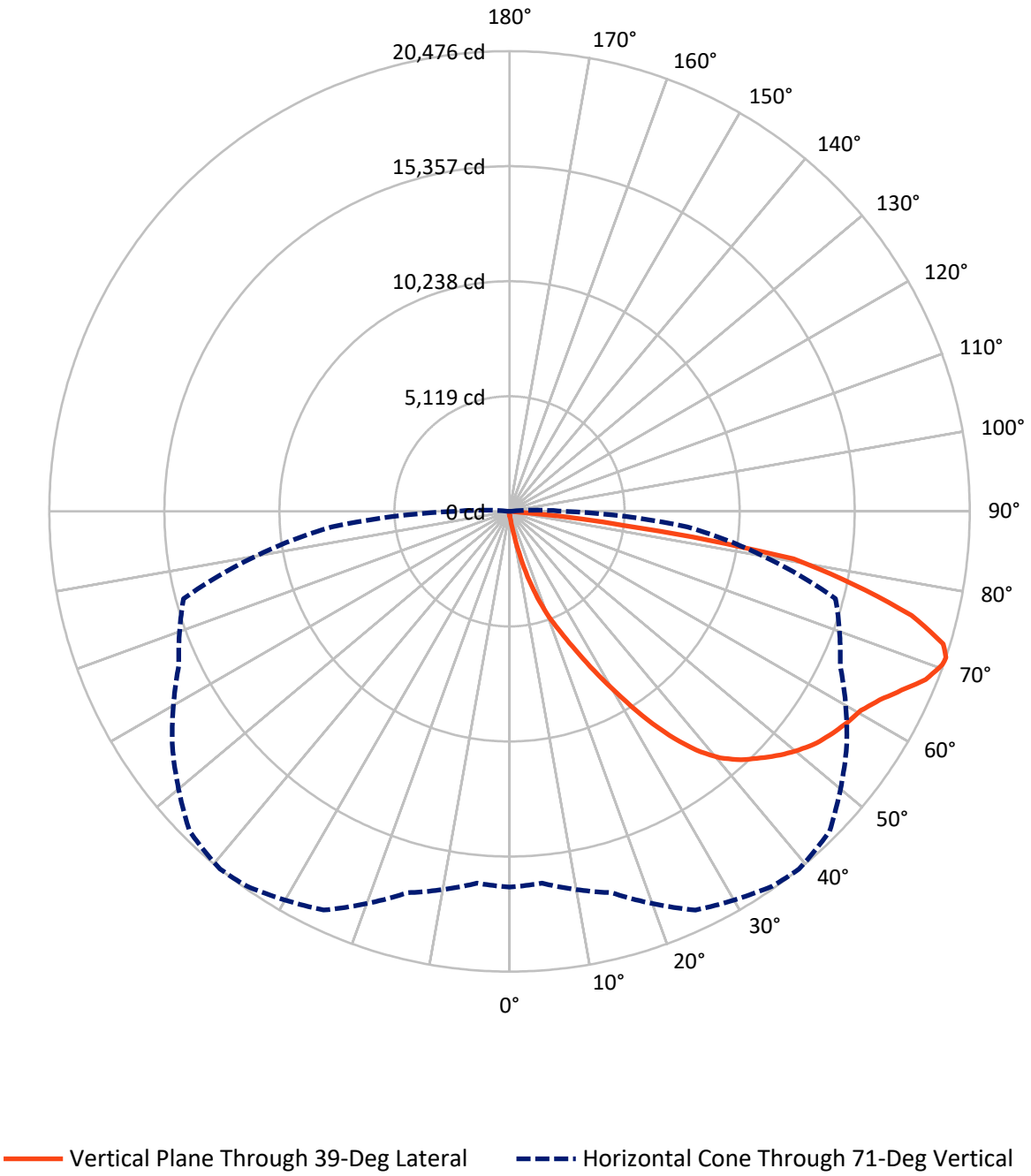
Luminous Intensity Polar Plot



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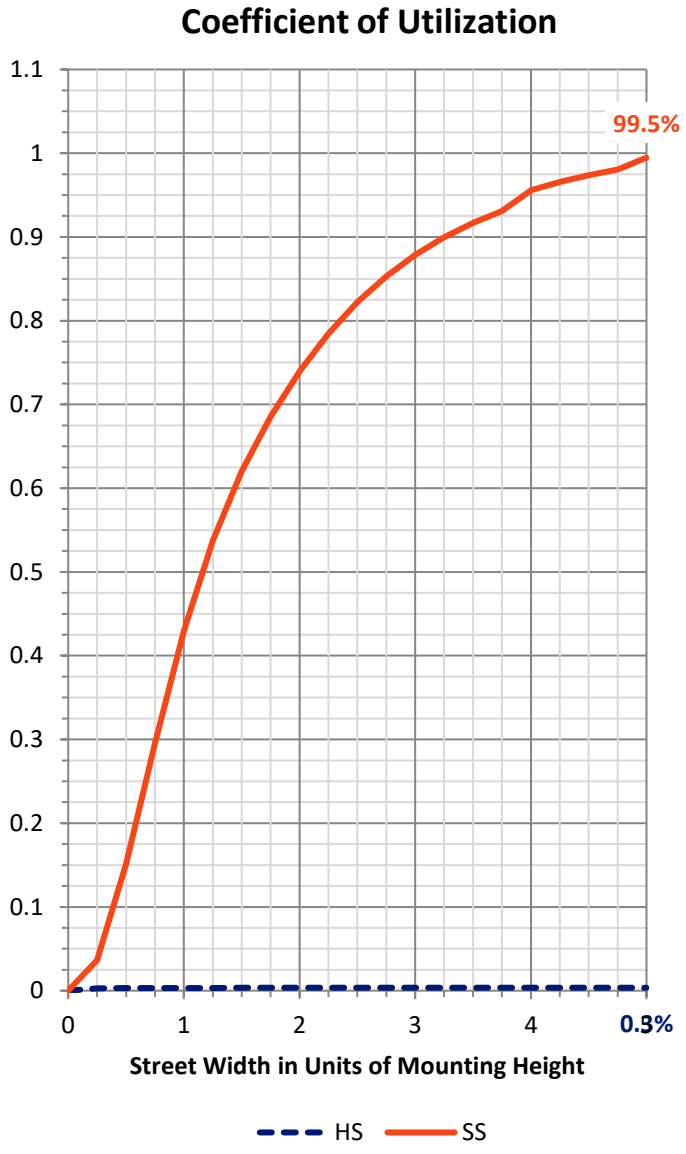
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	115.9	0.0	115.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32510.1	0.0	32510.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	32626.1	0.0	32626.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	0.1
10°-20°	348.7	1.1
20°-30°	1241.8	3.8
30°-40°	2992.9	9.2
40°-50°	5008.9	15.4
50°-60°	6433.3	19.7
60°-70°	8141.4	25.0
70°-80°	7258.4	22.2
80°-90°	1173.3	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°	32626.1	100.0
0°-180°	32626.1	100.0



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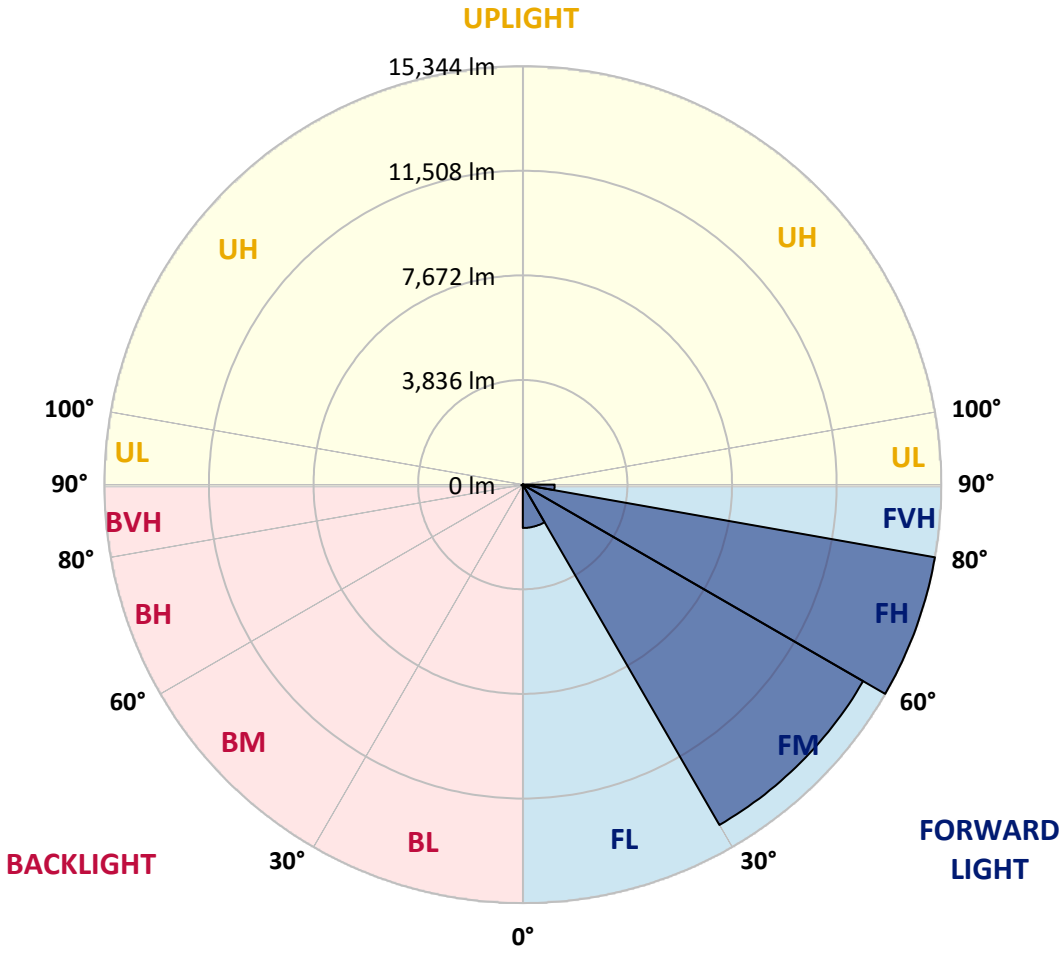
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1589.8	4.9			
FM	(30°-60°)	14408.3	44.2			
FH	(60°-80°)	15344.1	47.0			G5
FVH	(80°-90°)	1168.0	3.6			G5
BL	(0°-30°)	28.0	0.1	B0/110		
BM	(30°-60°)	26.8	0.1	B0/220		
BH	(60°-80°)	55.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.3	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: P1048269
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	178.9	178.9	178.9	178.9	178.9	*178.9*	178.9	178.9	178.9	178.9	178.9
2.5°	205.4	205.4	205.4	198.8	198.8	*196.6*	194.4	194.4	189.9	187.7	183.3
5°	311.4	304.8	289.3	280.5	262.8	*251.8*	240.7	225.3	209.8	198.8	185.5
7.5°	704.5	720.0	669.2	574.2	477.1	*435.1*	364.4	293.7	242.9	209.8	187.7
10°	1795.6	1786.8	1614.5	1424.6	1099.9	*969.6*	759.8	479.3	313.6	229.7	189.9
12.5°	3054.5	3045.7	2842.5	2584.1	2155.6	*1883.9*	1486.4	894.5	450.6	260.6	189.9
15°	4112.4	4077.1	4013.0	3756.8	3255.5	*3028.0*	2502.4	1581.4	728.8	313.6	194.4
17.5°	4812.6	4781.6	4722.0	4629.3	4311.2	*4041.8*	3619.9	2484.7	1179.4	406.4	203.2
20°	5455.3	5433.2	5384.6	5366.9	5161.5	*5018.0*	4669.0	3522.7	1837.6	552.2	216.4
22.5°	6338.7	6292.3	6312.2	6206.2	6005.2	*5832.9*	5618.7	4609.4	2641.5	795.1	240.7
25°	7420.9	7398.8	7343.6	7268.5	6990.3	*6840.1*	6511.0	5634.2	3540.4	1113.1	267.2
27.5°	8728.4	8704.1	8690.9	8518.6	8198.4	*8034.9*	7575.5	6601.5	4551.9	1559.3	302.6
30°	10234.7	10245.7	10159.6	9938.8	9565.5	*9335.8*	8863.2	7615.3	5587.8	2082.7	340.1
32.5°	11794.0	11771.9	11639.4	11378.8	11045.3	*10831.0*	10230.3	8726.2	6674.4	2774.0	384.3
35°	13474.7	13432.8	13083.8	12785.7	12500.7	*12231.3*	11683.6	10016.1	7761.1	3549.2	443.9
37.5°	15171.0	14974.4	14274.3	13896.6	13700.0	*13479.2*	12969.0	11392.0	8841.1	4415.0	516.8
40°	16451.9	16299.6	15469.1	14773.4	14616.6	*14428.9*	14049.0	12580.3	9989.6	5344.8	605.2
42.5°	17160.9	17077.0	16330.5	15643.6	15274.8	*15109.1*	14784.4	13618.3	11124.8	6371.8	733.3
45°	17463.5	17333.2	16834.0	16513.8	15926.3	*15652.4*	15265.9	14402.4	12310.8	7538.0	912.2
47.5°	17370.7	17295.6	16937.8	17054.9	16628.6	*16202.4*	15634.8	15003.1	13324.6	8876.4	1157.3
50°	16787.7	16723.6	16613.2	17247.0	17194.0	*16690.5*	16111.8	15478.0	14152.8	10256.8	1537.2
52.5°	15678.9	15652.4	15935.1	17096.9	17514.3	*17121.2*	16571.2	15897.6	14925.8	11699.0	2080.5
55°	14250.0	14358.2	15166.5	16862.8	17677.7	*17439.2*	16977.6	16290.7	15546.4	12988.8	2882.2
57.5°	13662.5	13691.2	14700.5	16697.1	17750.6	*17719.7*	17372.9	16666.2	16116.2	14020.3	4105.8
60°	14349.4	14305.2	14837.5	16823.0	17896.4	*17971.5*	17724.1	17015.1	16611.0	14905.9	5735.8
62.5°	15590.6	15566.3	15736.4	17359.7	18322.6	*18475.0*	18212.2	17266.9	17048.3	15489.0	7595.4
65°	16699.3	16648.5	16964.3	18311.6	19071.4	*19179.6*	18949.9	17697.6	17240.4	15913.0	9342.4
67.5°	17178.6	17167.5	17675.5	19217.1	19857.6	*19974.7*	19773.7	18291.7	17196.3	16047.8	10113.2
70°	16959.9	16918.0	17730.7	19601.4	20301.6	*20434.1*	20239.7	18512.6	16717.0	15621.5	8971.4
71°	*16719.2*	*16606.6*	*17565.1*	*19574.9*	*20363.4*	*20476.0*	*20135.9*	*18311.6*	*16235.5*	*15016.4*	*7935.5*
72.5°	15972.7	15992.6	17110.1	19298.8	20215.4	*20182.3*	19548.4	17591.6	15654.6	13642.6	6374.1
75°	14135.1	14252.2	15637.0	18139.3	18894.7	*18472.8*	17503.2	16215.6	14488.5	9781.9	4426.1
77.5°	11551.0	11725.5	13247.3	15908.6	15694.4	*15652.4*	15612.7	14287.5	12372.6	5254.3	3078.8
80°	5514.9	5892.6	7990.8	11356.7	12337.3	*12812.2*	12514.0	11513.5	9567.7	2502.4	1839.8
82.5°	360.0	355.6	503.6	954.1	4021.9	*5199.1*	8260.2	8229.3	6670.0	1219.2	750.9
85°	170.1	174.5	192.1	218.7	254.0	*278.3*	384.3	2252.8	3191.4	580.9	163.4
87.5°	99.4	101.6	119.3	152.4	198.8	*220.9*	262.8	337.9	415.2	320.2	35.3
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-SA9A-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	178.9	178.9	178.9	178.9	178.9	178.9	178.9	178.9	178.9	178.9	178.9
2.5°	181.1	178.9	172.3	165.6	159.0	154.6	152.4	154.6	154.6	156.8	156.8
5°	181.1	174.5	163.4	150.2	141.4	132.5	128.1	125.9	128.1	128.1	128.1
7.5°	178.9	167.9	152.4	136.9	125.9	114.8	110.4	108.2	108.2	110.4	110.4
10°	174.5	163.4	143.6	125.9	112.6	99.4	92.8	86.1	86.1	86.1	88.3
12.5°	172.3	156.8	132.5	114.8	97.2	81.7	68.5	61.8	64.0	64.0	64.0
15°	167.9	150.2	125.9	103.8	81.7	61.8	50.8	44.2	46.4	48.6	46.4
17.5°	167.9	148.0	117.1	90.6	64.0	46.4	37.5	33.1	33.1	35.3	35.3
20°	167.9	143.6	110.4	77.3	48.6	35.3	26.5	24.3	24.3	28.7	30.9
22.5°	172.3	143.6	101.6	64.0	39.8	26.5	19.9	17.7	19.9	24.3	26.5
25°	178.9	141.4	92.8	57.4	33.1	19.9	15.5	11.0	13.3	17.7	19.9
27.5°	185.5	139.1	83.9	50.8	26.5	15.5	11.0	8.8	6.6	8.8	8.8
30°	192.1	139.1	75.1	42.0	22.1	11.0	6.6	4.4	2.2	0.0	0.0
32.5°	196.6	134.7	68.5	33.1	17.7	8.8	4.4	2.2	0.0	0.0	0.0
35°	201.0	130.3	59.6	26.5	13.3	6.6	2.2	0.0	0.0	0.0	0.0
37.5°	205.4	123.7	50.8	22.1	11.0	4.4	0.0	0.0	0.0	0.0	0.0
40°	209.8	114.8	42.0	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	214.2	108.2	35.3	15.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	225.3	103.8	28.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	245.2	99.4	26.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	273.9	95.0	24.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	313.6	92.8	22.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	384.3	90.6	19.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	505.8	88.3	19.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	775.2	83.9	19.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1384.8	81.7	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2414.0	83.9	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3460.9	88.3	15.5	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2961.7	77.3	15.5	8.8	4.4	2.2	0.0	0.0	0.0	0.0	0.0
71°	*2414.0*	*68.5*	*15.5*	*8.8*	*4.4*	*2.2*	*2.2*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1552.7	53.0	13.3	8.8	4.4	4.4	2.2	0.0	0.0	0.0	0.0
75°	656.0	44.2	13.3	8.8	6.6	4.4	4.4	2.2	0.0	0.0	0.0
77.5°	280.5	33.1	13.3	11.0	8.8	6.6	6.6	4.4	2.2	0.0	0.0
80°	106.0	26.5	15.5	13.3	11.0	11.0	8.8	4.4	2.2	0.0	0.0
82.5°	48.6	22.1	15.5	13.3	13.3	11.0	8.8	6.6	4.4	0.0	0.0
85°	30.9	19.9	15.5	13.3	13.3	11.0	11.0	6.6	4.4	0.0	0.0
87.5°	24.3	19.9	15.5	15.5	13.3	13.3	8.8	6.6	2.2	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

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

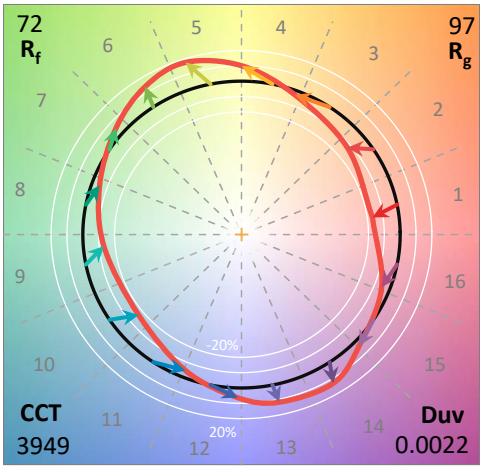
Test Information

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

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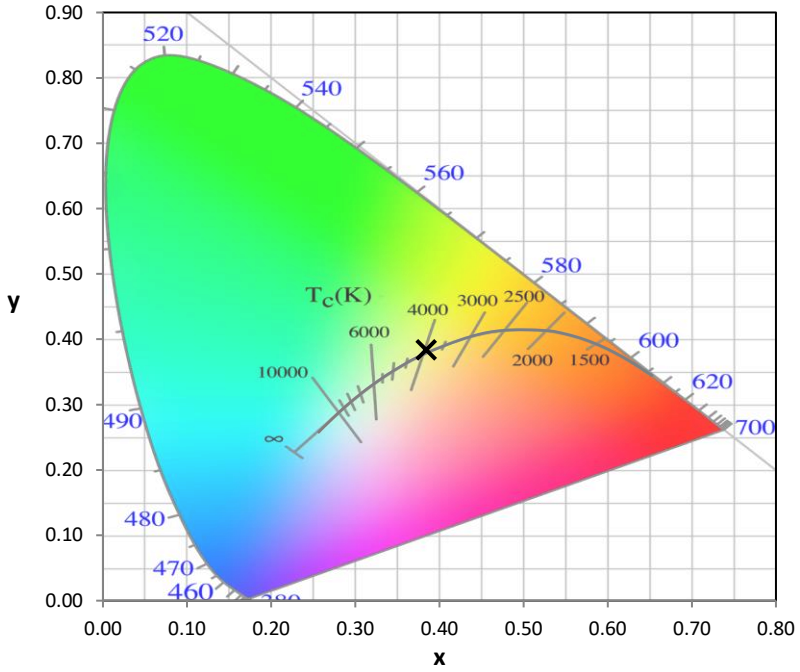
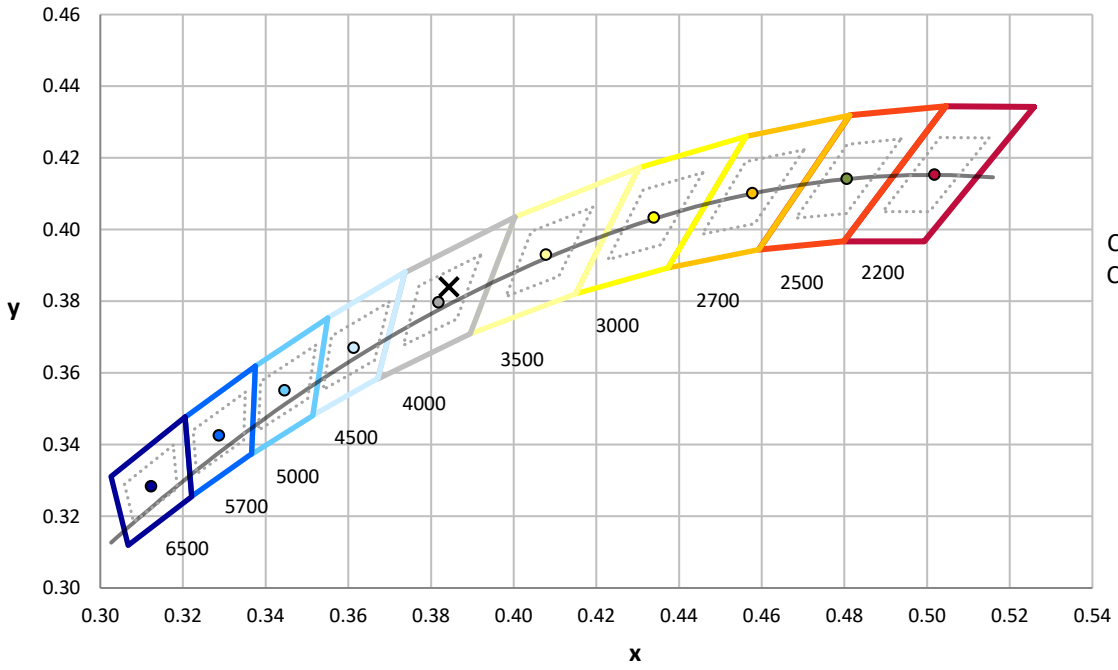
CIE 1931 Chromaticity Diagram



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

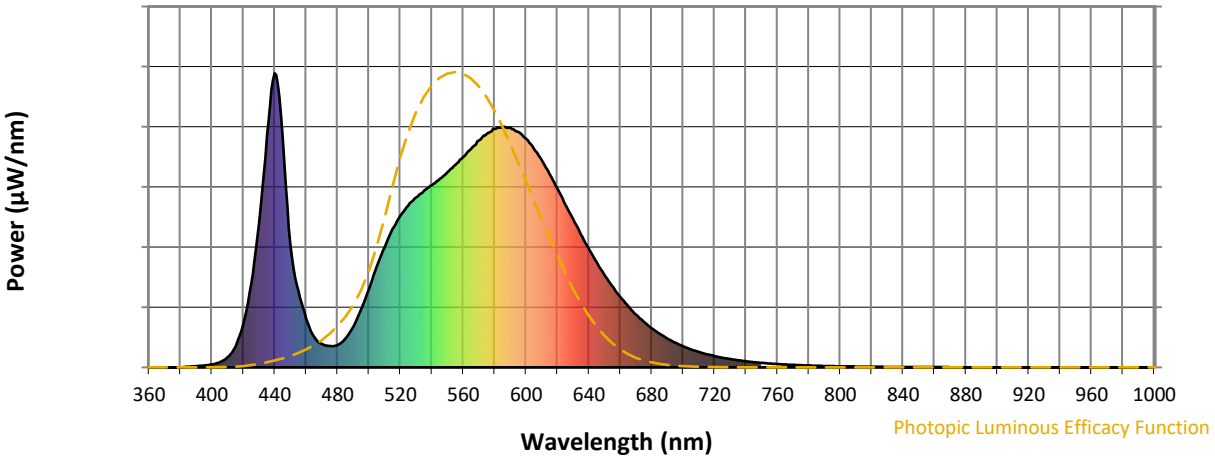


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

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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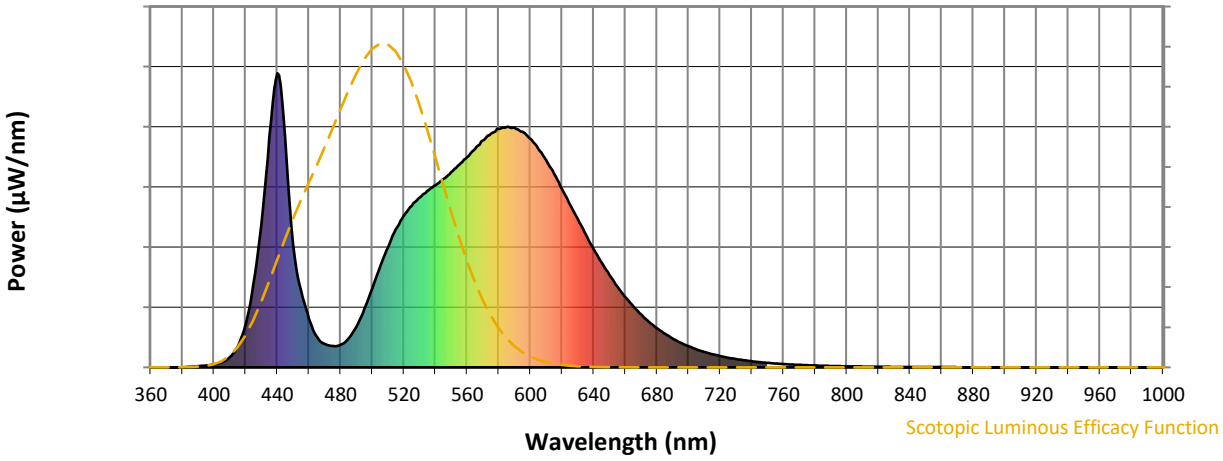
Scotopic Flux vs. Wavelength



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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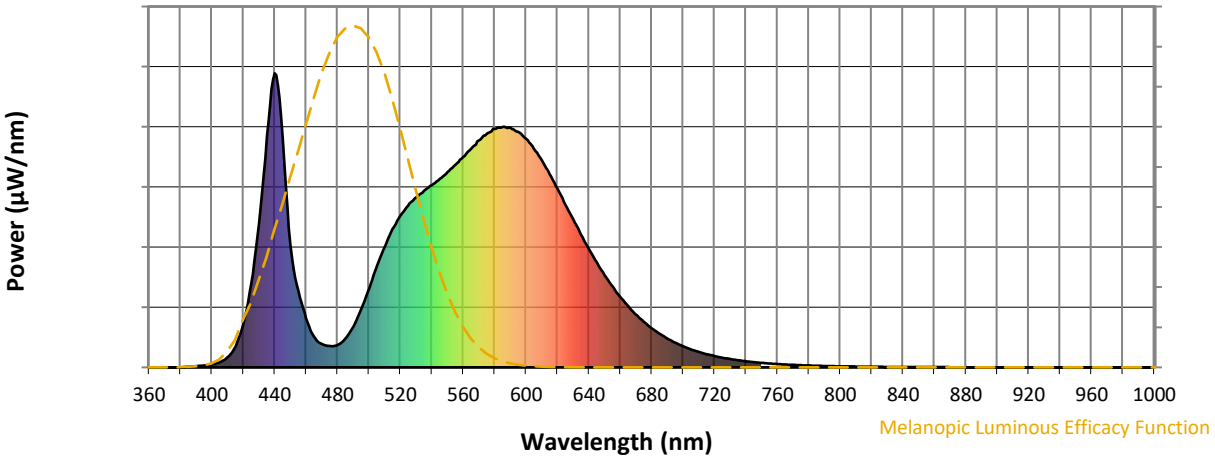
Melanopic Flux vs. Wavelength



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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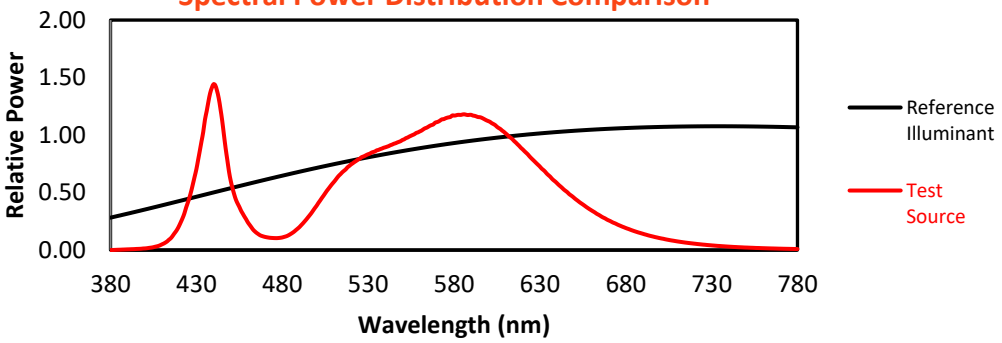
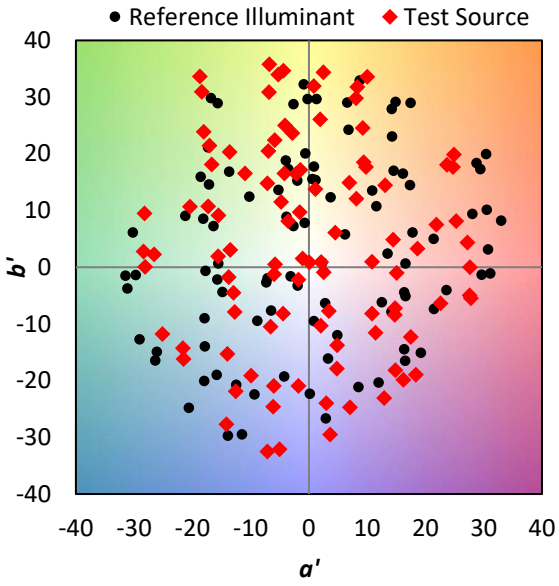
Summary

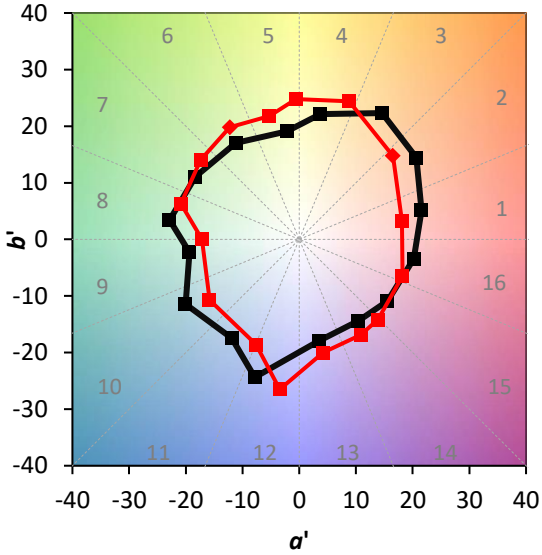
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

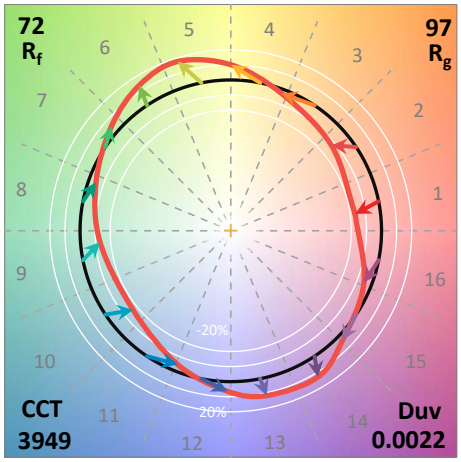
Spectral Power Distribution Comparison

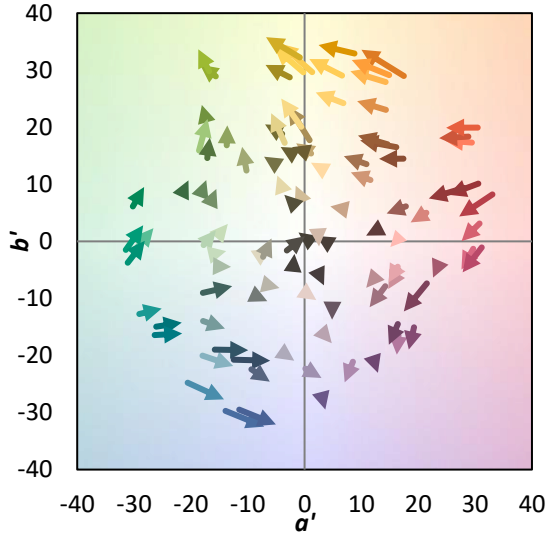


Color Vector Graphics









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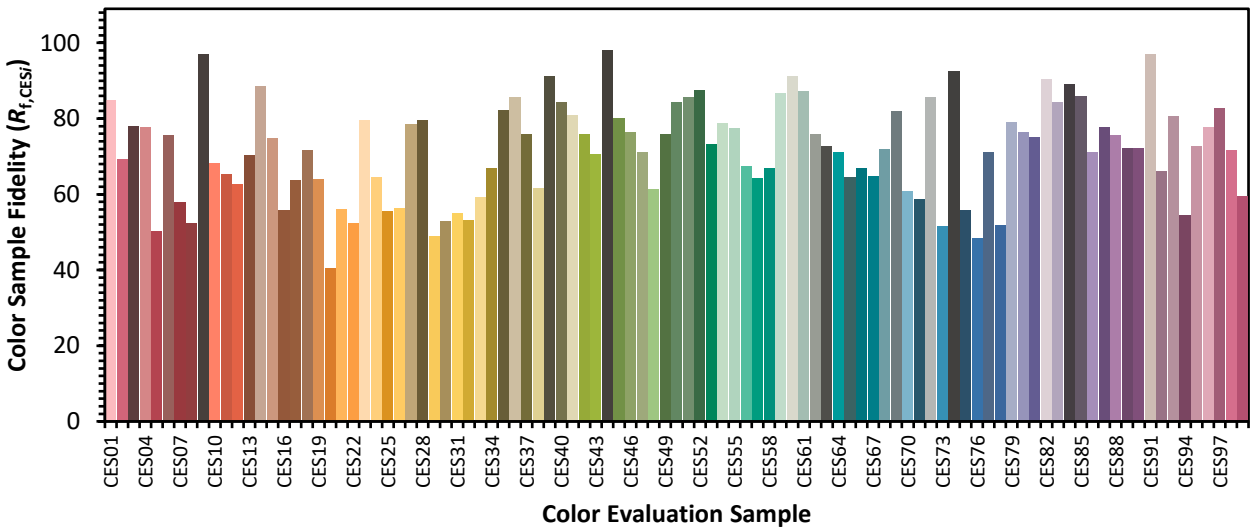
Individual Sample Fidelity Index ($R_{f,i}$)

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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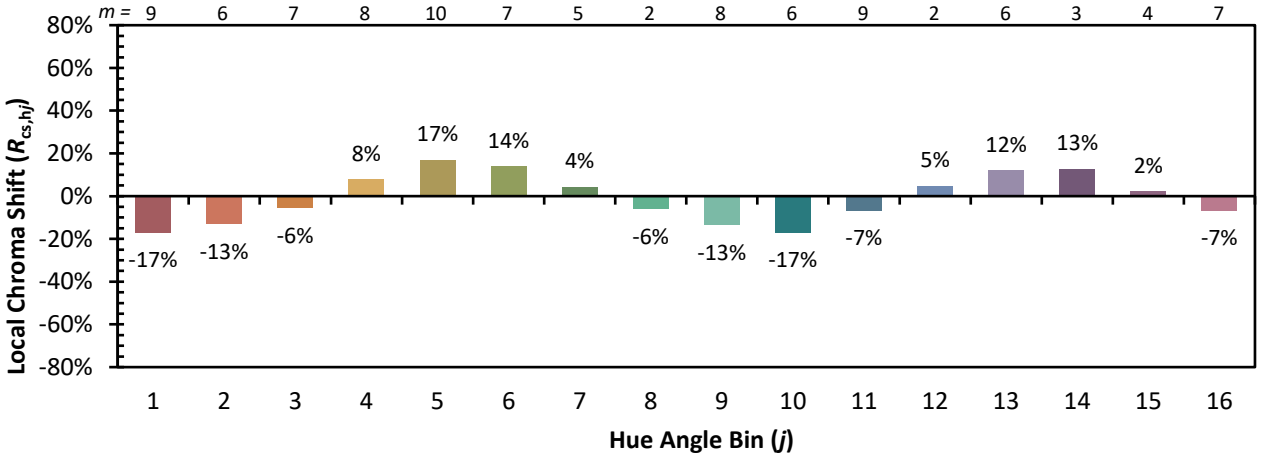
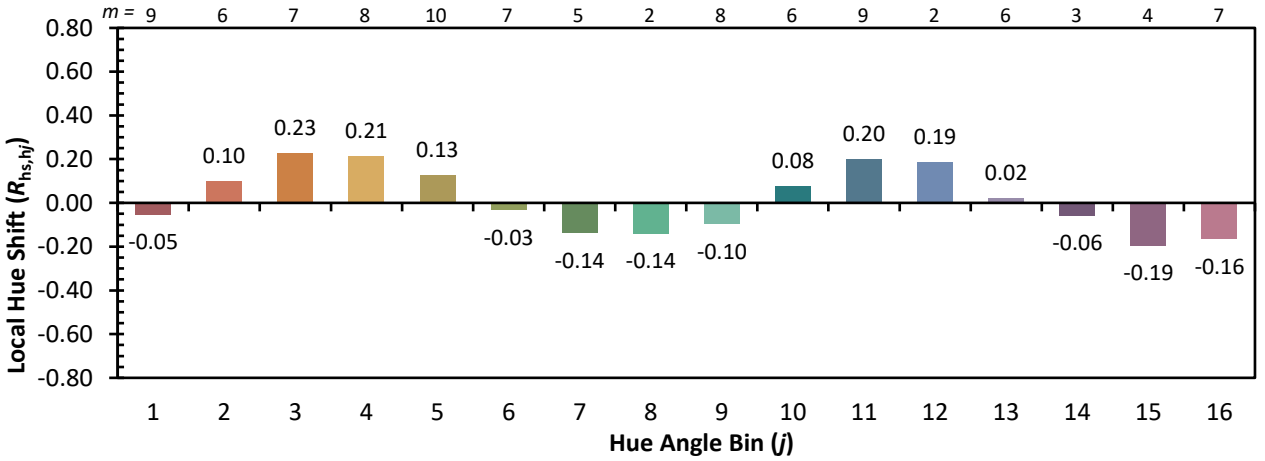
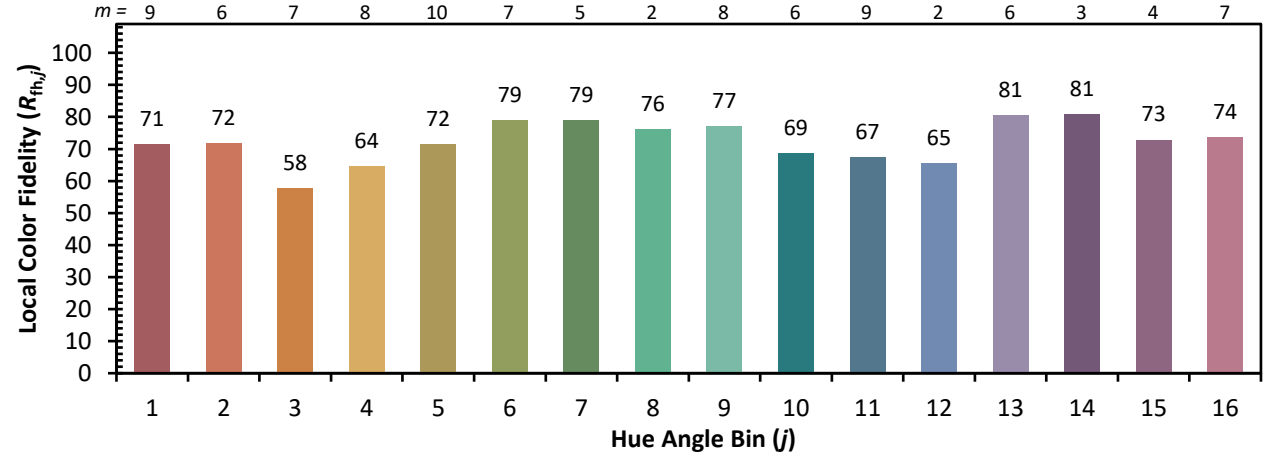
Color Rendition by Hue-Angle Bin







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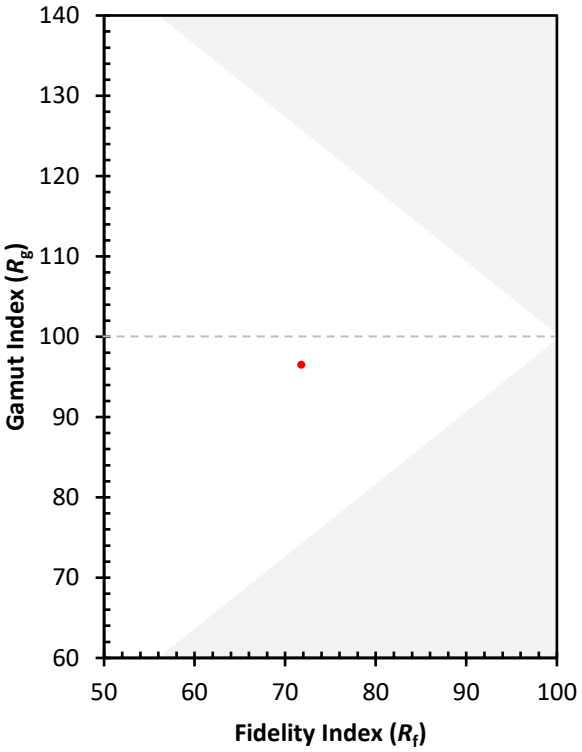
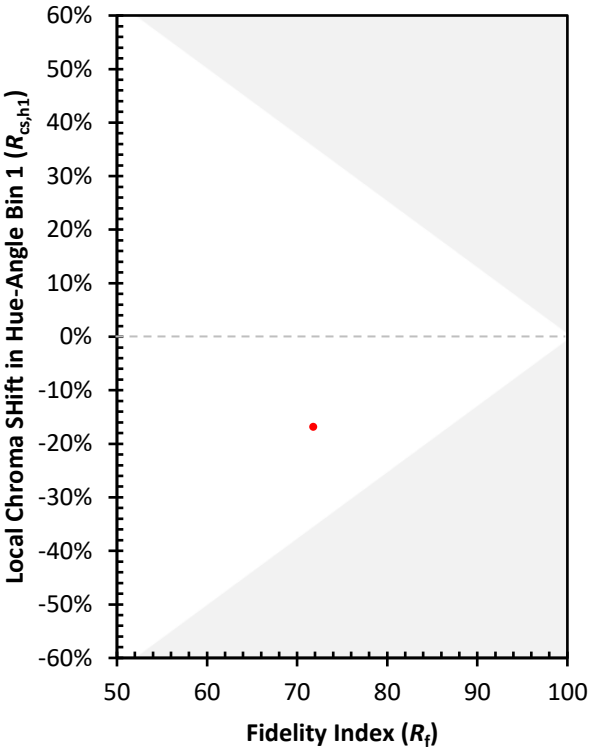
Measure Comparisons





(END OF REPORT)