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: P1047875

Luminaire Tested: **GALN-SA9C-760-U-T2BC**

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:	P1047875
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9C-760-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 5700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	49426.6 lumens
Efficiency:	N/A
Efficacy:	118.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - 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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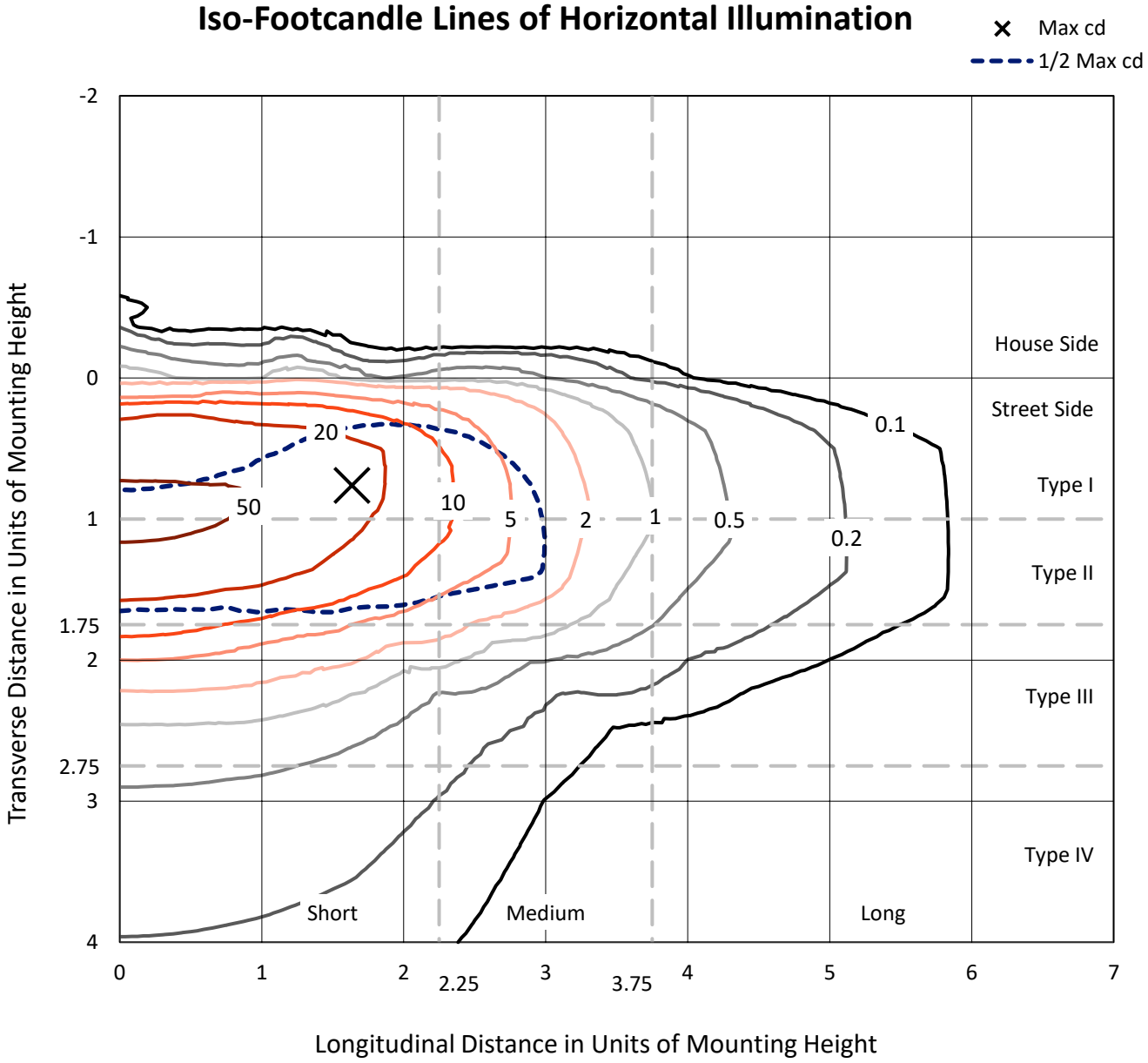
REPORT NUMBER: P1047875
CATALOG NUMBER: GALN-SA9C-760-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 65.4 fc
Type II - Short - N/A

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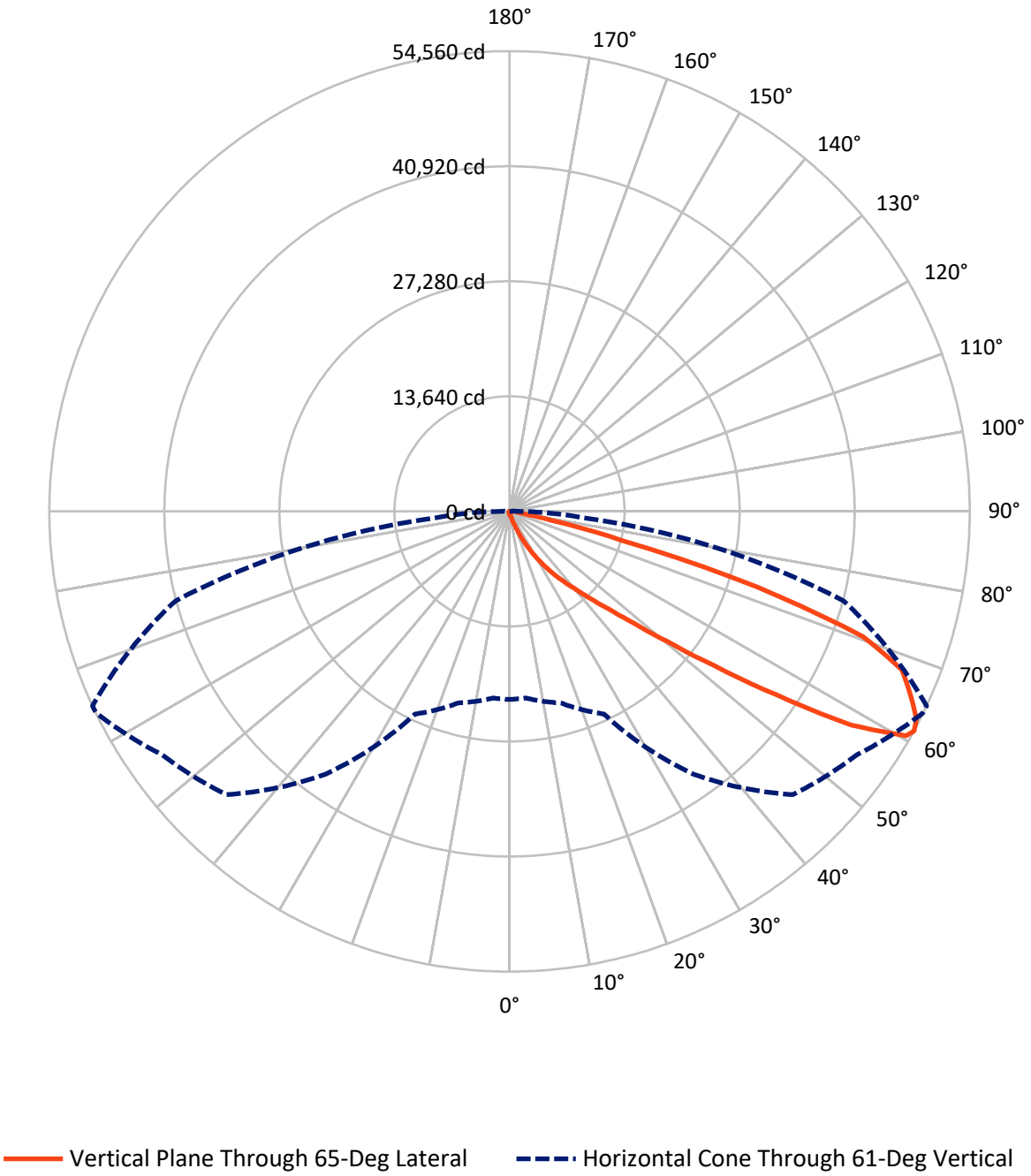
Luminous Intensity Polar Plot



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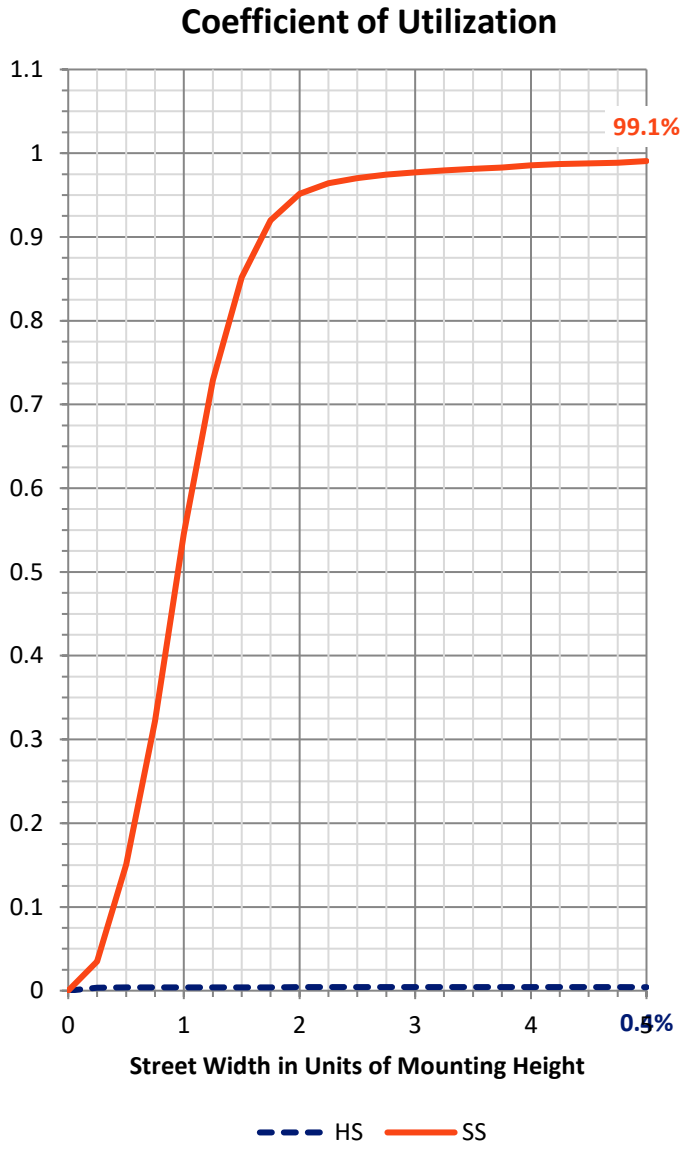
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	211.0	0.0	211.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	49215.6	0.0	49215.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	49426.6	0.0	49426.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.5	0.1
10°-20°	406.4	0.8
20°-30°	1458.6	3.0
30°-40°	3883.5	7.9
40°-50°	10201.9	20.6
50°-60°	15804.7	32.0
60°-70°	13252.0	26.8
70°-80°	3899.8	7.9
80°-90°	481.1	1.0
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°	49426.6	100.0
0°-180°	49426.6	100.0



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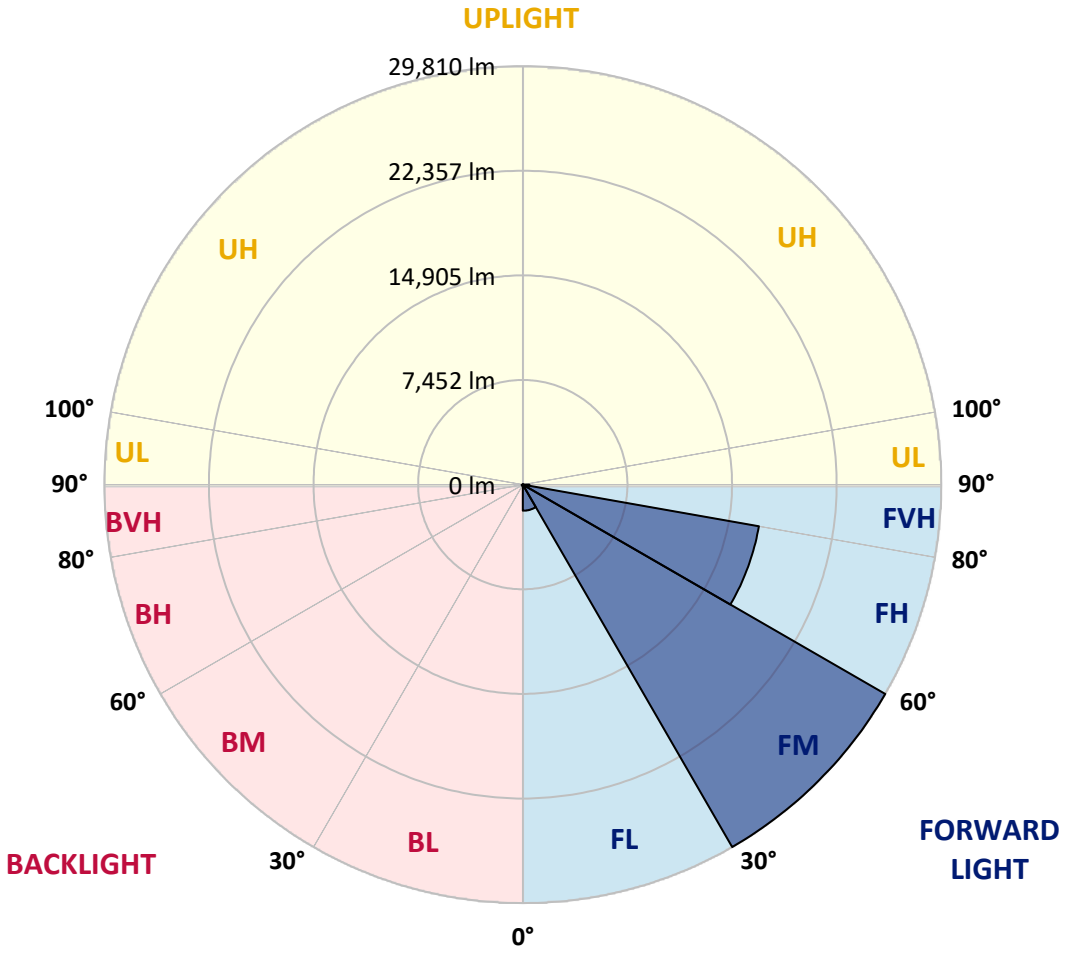
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1856.2	3.8			
FM	(30°-60°)	29809.8	60.3			
FH	(60°-80°)	17077.4	34.6			G5
FVH	(80°-90°)	472.1	1.0			G3/500
BL	(0°-30°)	47.3	0.1	B0/110		
BM	(30°-60°)	80.3	0.2	B0/220		
BH	(60°-80°)	74.4	0.2	B0/110		G0/110
BVH	(80°-90°)	8.9	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 II Short



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REPORT NUMBER: P1047875
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	302.6	302.6	302.6	302.6	302.6	302.6	302.6	302.6	*302.6*	302.6	302.6
2.5°	367.2	370.6	363.8	350.2	340.0	340.0	336.6	326.4	*326.4*	316.2	309.4
5°	513.4	506.6	493.0	465.8	442.0	418.2	394.4	370.6	*367.2*	336.6	316.2
7.5°	839.8	846.6	802.4	717.4	646.0	554.2	469.2	418.2	*411.4*	360.4	319.6
10°	1842.8	1791.8	1689.8	1360.0	1118.6	843.2	625.6	486.2	*479.4*	387.6	326.4
12.5°	3359.2	3318.4	3131.4	2791.4	2169.2	1509.6	914.6	601.8	*581.4*	411.4	329.8
15°	4841.6	4777.0	4675.0	4331.6	3604.0	2706.4	1496.0	822.8	*768.4*	445.4	326.4
17.5°	5786.8	5797.0	5705.2	5559.0	5089.8	4005.2	2584.0	1227.4	*1122.0*	506.6	319.6
20°	6613.0	6589.2	6640.2	6562.0	6232.2	5443.4	3760.4	1944.8	*1764.6*	605.2	323.0
22.5°	7565.0	7622.8	7660.2	7643.2	7279.4	6606.2	5096.6	2910.4	*2682.6*	785.4	333.2
25°	8840.1	8833.3	8836.7	8792.4	8438.8	7690.8	6436.2	4110.6	*3879.4*	1077.8	357.0
27.5°	10176.3	10217.1	10234.1	10074.3	9611.9	8877.5	7677.2	5423.0	*5151.0*	1547.0	387.6
30°	12002.1	11968.1	11889.9	11563.5	11002.5	10091.3	8901.3	6800.0	*6514.4*	2203.2	435.2
32.5°	14463.7	14426.3	14031.9	13311.1	12471.3	11356.1	10132.1	8180.4	*7833.6*	3022.6	499.8
35°	18519.9	18577.7	17608.7	15742.1	14235.9	12875.9	11495.5	9554.1	*9248.1*	4032.4	588.2
37.5°	24731.7	24415.5	23099.7	19801.7	16558.1	14773.1	12797.7	10941.3	*10676.1*	5276.8	703.8
40°	30766.8	30454.0	30073.2	26948.6	20593.9	16864.1	14620.1	12569.9	*12226.5*	6681.0	873.8
42.5°	37111.2	36937.8	36920.8	34564.6	27958.4	20151.9	16813.1	14477.3	*14184.9*	8221.2	1152.6
45°	41606.0	41432.6	41796.4	42207.8	37988.4	27196.8	20631.3	16955.9	*16530.9*	10091.3	1598.0
47.5°	42211.2	42218.0	43190.4	44479.1	45441.3	38093.8	25717.7	20240.3	*19723.5*	12767.1	2346.0
50°	40198.4	40276.6	41823.6	44128.9	46719.7	47236.5	34687.0	25007.1	*24242.1*	15939.3	3406.8
52.5°	36366.6	36455.0	38610.6	42401.6	45543.3	49432.9	45247.5	31242.8	*30362.2*	19896.9	4902.8
55°	32915.6	32970.0	35441.8	40232.4	44125.5	48239.5	51517.1	39569.4	*38413.4*	24765.7	6378.4
57.5°	29498.6	29372.8	30981.0	36465.2	43884.0	46774.1	52441.9	49058.9	*47783.9*	30086.8	7527.6
60°	24928.9	24718.1	26010.1	29498.6	40708.4	47736.3	50711.3	54308.5	*54019.5*	37495.4	8415.0
61°	*22300.7*	*22212.3*	*23511.1*	*26503.2*	*38036.0*	*47491.5*	*50296.5*	*54529.5*	*54560.1*	*41000.8*	*8812.9*
62.5°	15925.7	16177.3	18162.9	22052.5	31858.2	45903.7	50350.9	53846.1	*54148.7*	45658.9	9843.1
65°	7078.8	7483.4	9027.1	12192.5	18526.7	38185.6	49868.1	52346.7	*52197.1*	46937.3	13392.7
67.5°	4199.0	4260.2	5028.6	6908.8	9812.5	20539.5	44006.5	50364.5	*50163.9*	40861.4	16663.5
70°	3308.2	3338.8	3583.6	4335.0	5695.0	7867.6	25115.9	43574.6	*44448.5*	33133.2	16313.3
72.5°	3138.2	3131.4	3165.4	3298.0	3587.0	3903.2	9724.1	28964.8	*30743.0*	23861.3	13678.3
75°	3097.4	3083.8	3049.8	2998.8	2597.6	2298.4	3012.4	12811.3	*13841.5*	16303.1	10298.7
77.5°	3005.6	3009.0	3015.8	2876.4	2227.0	1625.2	1458.6	4110.6	*5055.8*	10346.3	7320.2
80°	2033.2	2063.8	2114.8	2060.4	2002.6	1176.4	1030.2	1462.0	*1482.4*	5807.2	4834.8
82.5°	1030.2	1030.2	1006.4	897.6	775.2	765.0	819.4	1060.8	*1074.4*	2937.6	2274.6
85°	622.2	656.2	669.8	608.6	557.6	513.4	625.6	843.2	*873.8*	1139.0	530.4
87.5°	139.4	142.8	156.4	207.4	302.6	411.4	581.4	771.8	*785.4*	731.0	64.6
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-760-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	302.6	302.6	302.6	302.6	302.6	302.6	302.6	302.6	302.6	302.6	302.6
2.5°	306.0	299.2	295.8	285.6	275.4	265.2	258.4	255.0	258.4	261.8	261.8
5°	302.6	292.4	275.4	258.4	244.8	231.2	217.6	214.2	214.2	217.6	217.6
7.5°	302.6	285.6	261.8	241.4	221.0	200.6	190.4	183.6	187.0	187.0	187.0
10°	302.6	282.2	251.6	221.0	197.2	173.4	156.4	149.6	149.6	149.6	149.6
12.5°	299.2	278.8	241.4	204.0	170.0	142.8	122.4	112.2	115.6	115.6	115.6
15°	292.4	268.6	227.8	173.4	136.0	108.8	88.4	78.2	81.6	88.4	91.8
17.5°	282.2	258.4	204.0	146.2	108.8	81.6	61.2	54.4	57.8	68.0	68.0
20°	278.8	248.2	180.2	119.0	81.6	57.8	40.8	34.0	37.4	51.0	54.4
22.5°	278.8	241.4	163.2	98.6	61.2	37.4	23.8	13.6	13.6	23.8	23.8
25°	282.2	238.0	149.6	81.6	44.2	27.2	13.6	6.8	13.6	37.4	44.2
27.5°	289.0	234.6	142.8	68.0	34.0	23.8	10.2	23.8	40.8	40.8	40.8
30°	295.8	227.8	132.6	57.8	30.6	17.0	17.0	34.0	34.0	40.8	44.2
32.5°	306.0	224.4	125.8	51.0	23.8	13.6	23.8	20.4	20.4	23.8	27.2
35°	326.4	227.8	119.0	51.0	23.8	17.0	20.4	10.2	6.8	6.8	6.8
37.5°	353.6	231.2	108.8	44.2	20.4	20.4	10.2	0.0	0.0	0.0	0.0
40°	397.8	241.4	102.0	40.8	17.0	17.0	3.4	0.0	0.0	0.0	0.0
42.5°	472.6	261.8	98.6	37.4	17.0	13.6	0.0	0.0	0.0	0.0	0.0
45°	622.2	309.4	91.8	34.0	17.0	6.8	0.0	0.0	0.0	0.0	0.0
47.5°	894.2	421.6	88.4	27.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	1305.6	571.2	85.0	23.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1666.0	601.8	57.8	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1706.8	414.8	44.2	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1360.0	268.6	37.4	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	1030.2	204.0	34.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*989.4*	*183.6*	*34.0*	*3.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	1091.4	159.8	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1774.8	132.6	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3083.8	115.6	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3896.4	108.8	20.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3396.6	98.6	20.4	6.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	2043.4	85.0	20.4	13.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1071.0	64.6	20.4	17.0	10.2	3.4	0.0	0.0	0.0	0.0	0.0
80°	520.2	57.8	23.8	17.0	13.6	6.8	0.0	0.0	0.0	0.0	0.0
82.5°	204.0	47.6	27.2	23.8	17.0	10.2	3.4	0.0	0.0	0.0	0.0
85°	91.8	40.8	30.6	27.2	23.8	13.6	3.4	0.0	0.0	0.0	0.0
87.5°	47.6	37.4	34.0	30.6	23.8	17.0	6.8	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-760-U-5WQ

Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

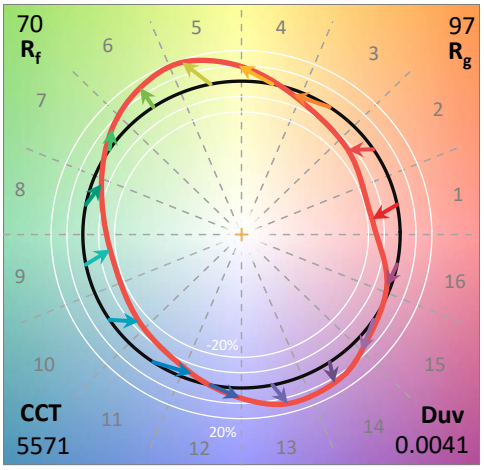
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-7
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-7[illegible]-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

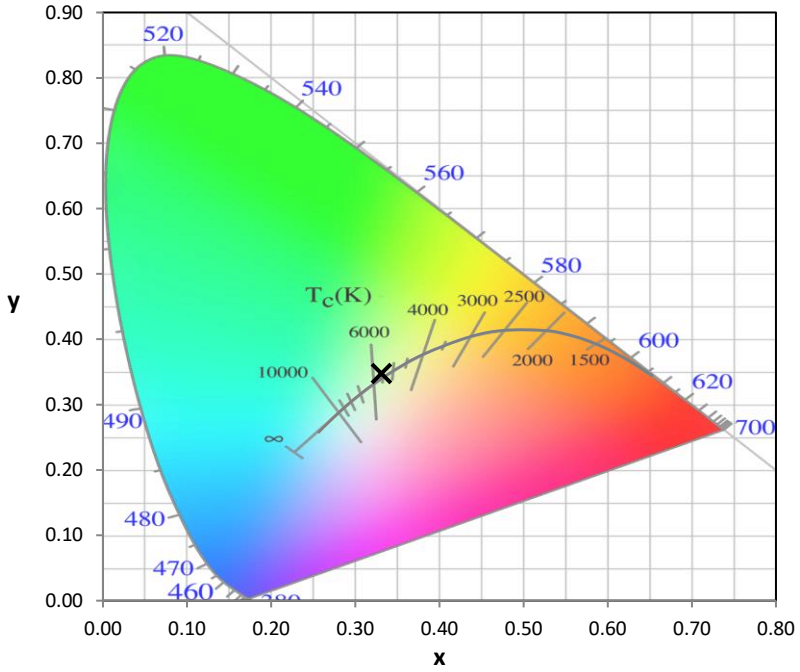
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-7

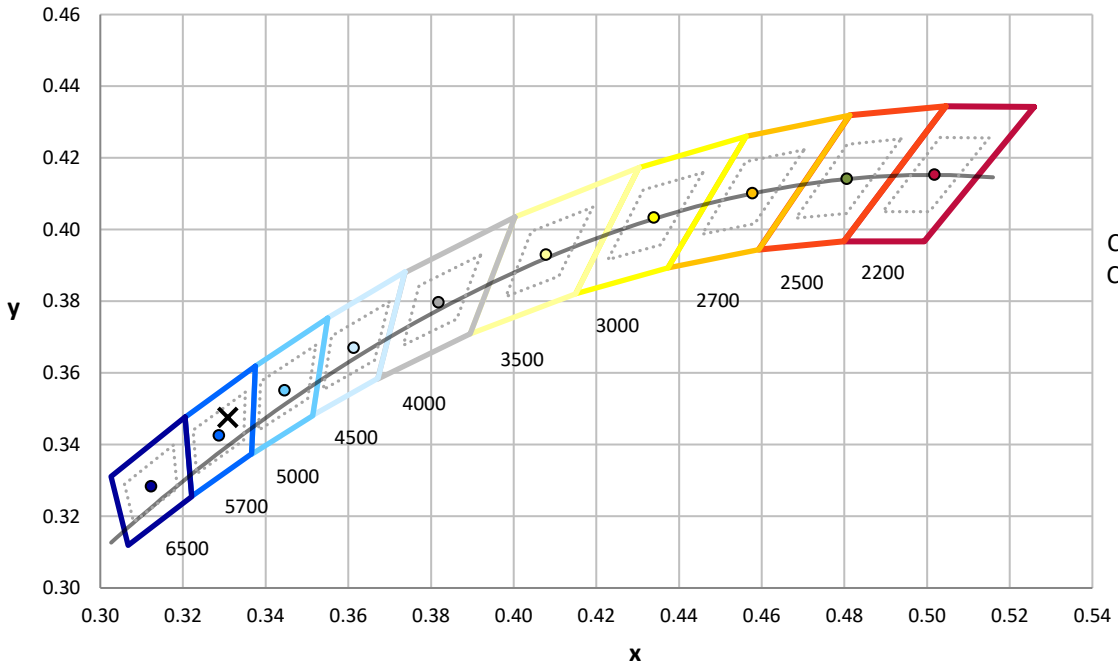
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



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

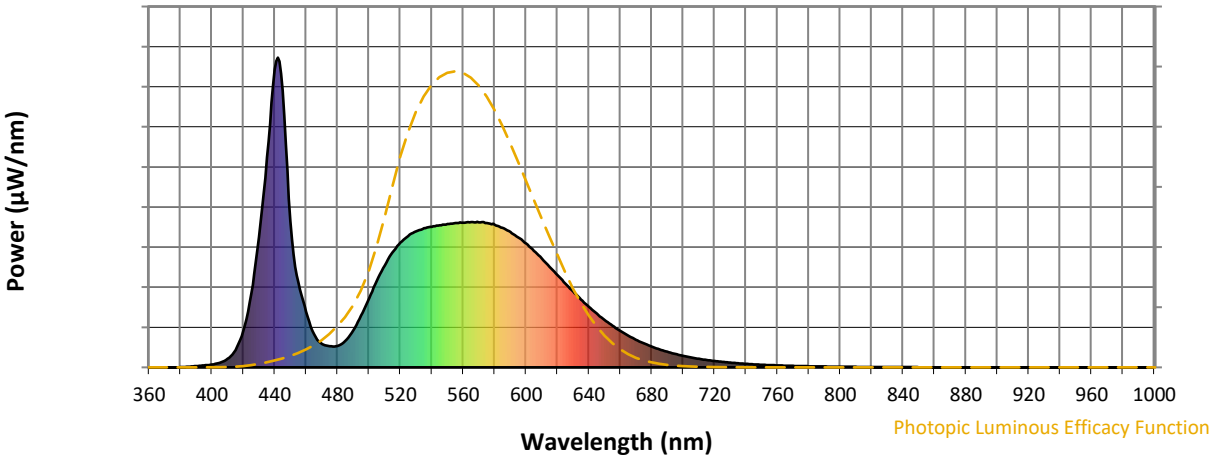


CCT = 5571K
CIE x = 0.3308
CIE y = 0.3476
Duv = 0.0041

Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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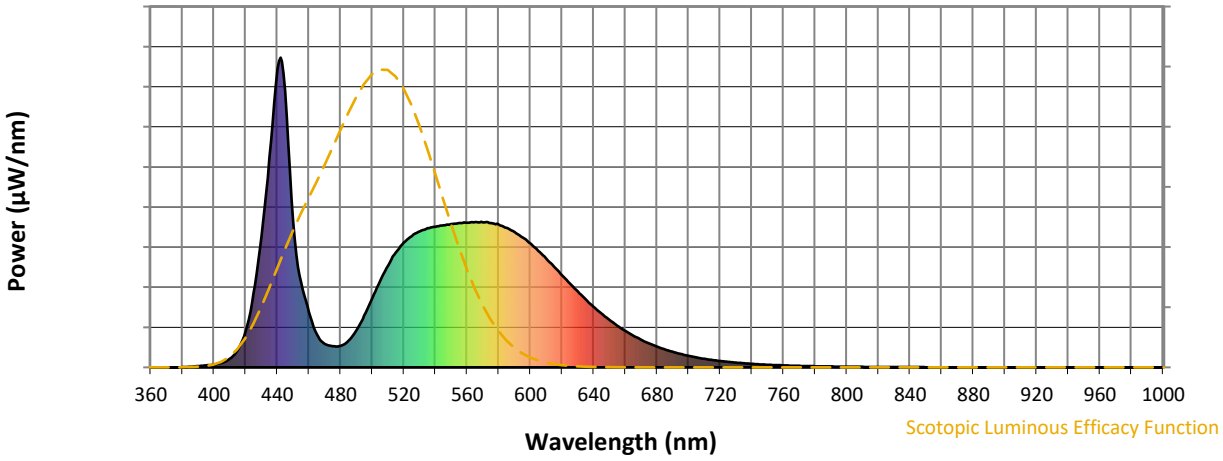
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.84**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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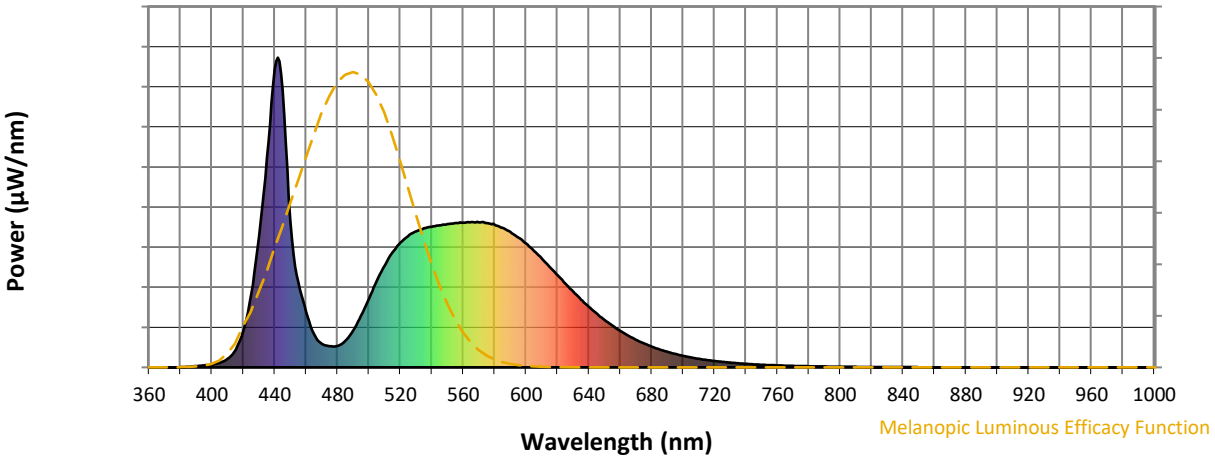
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.71**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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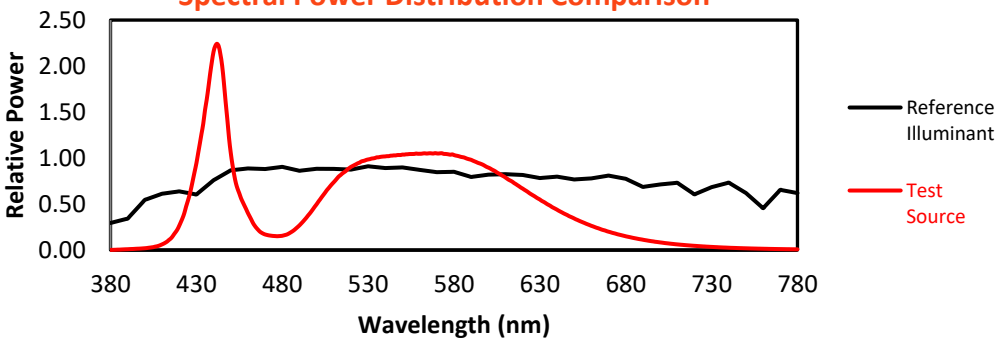
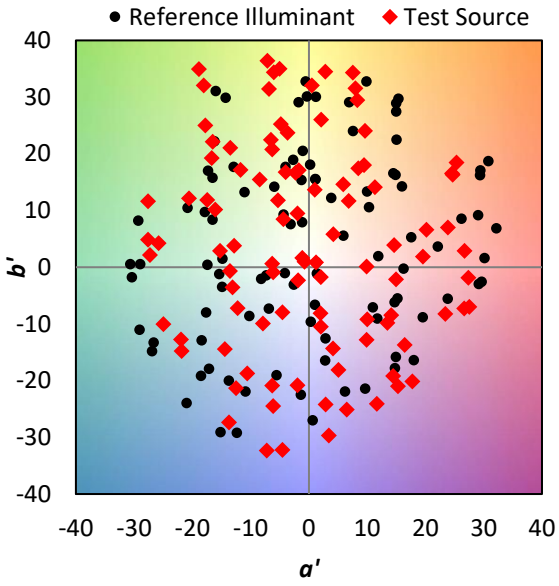
Summary

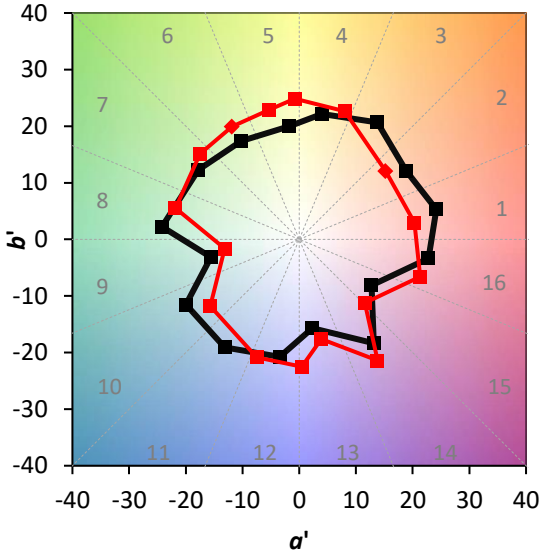
R_f = 70.4
R_g = 97.1
CIE R_a = 69.9
R_9 = -35.4

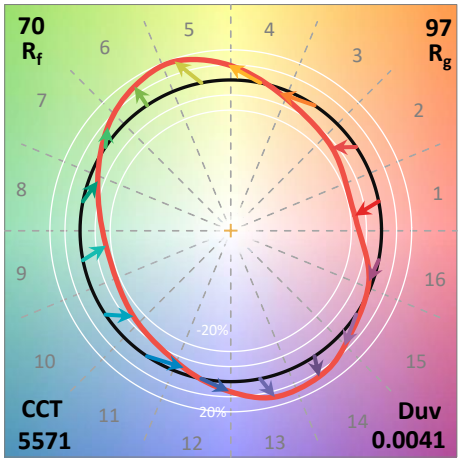
Spectral Power Distribution Comparison

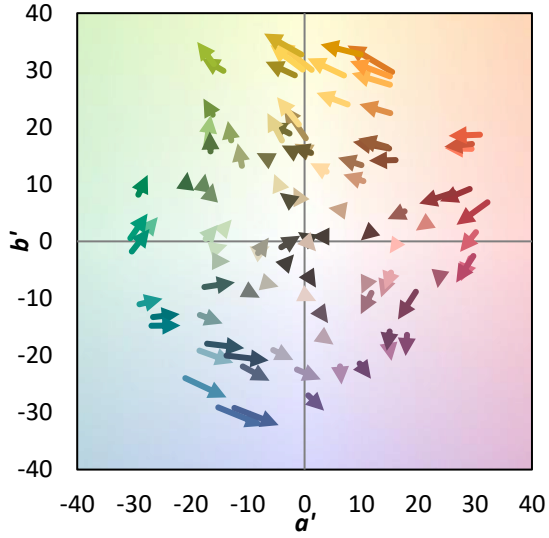


Color Vector Graphics









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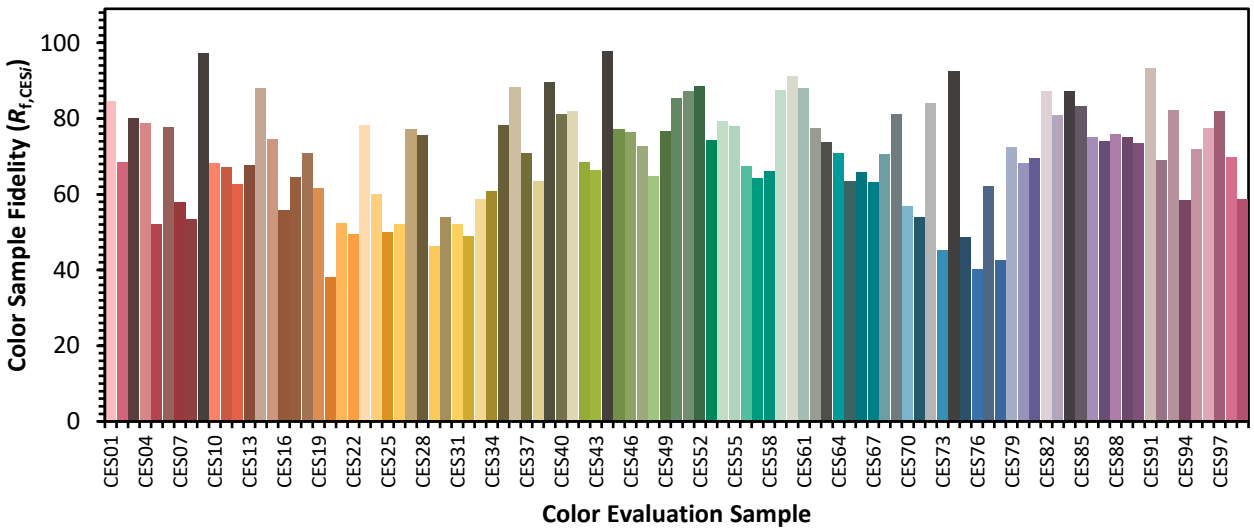
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



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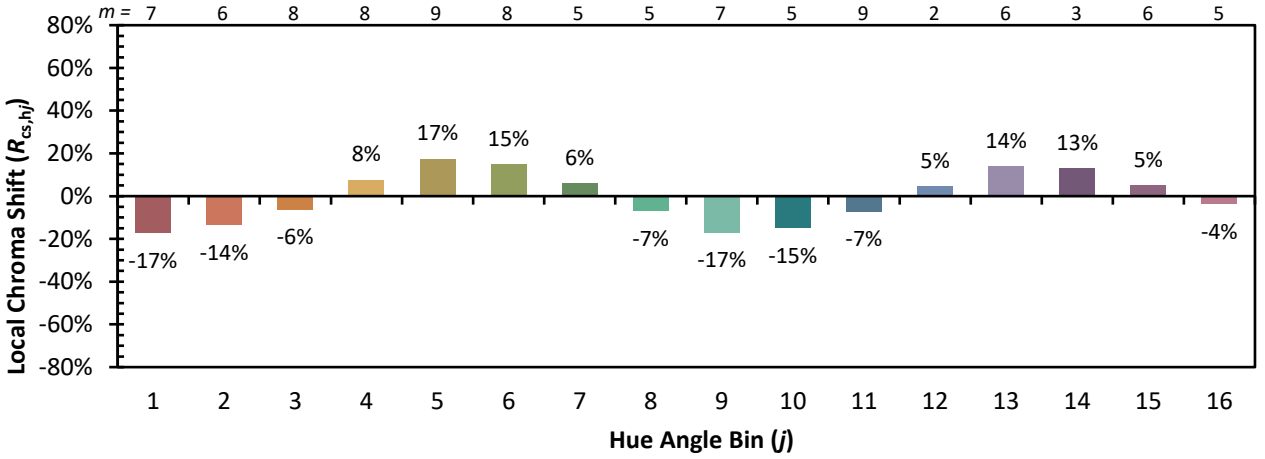
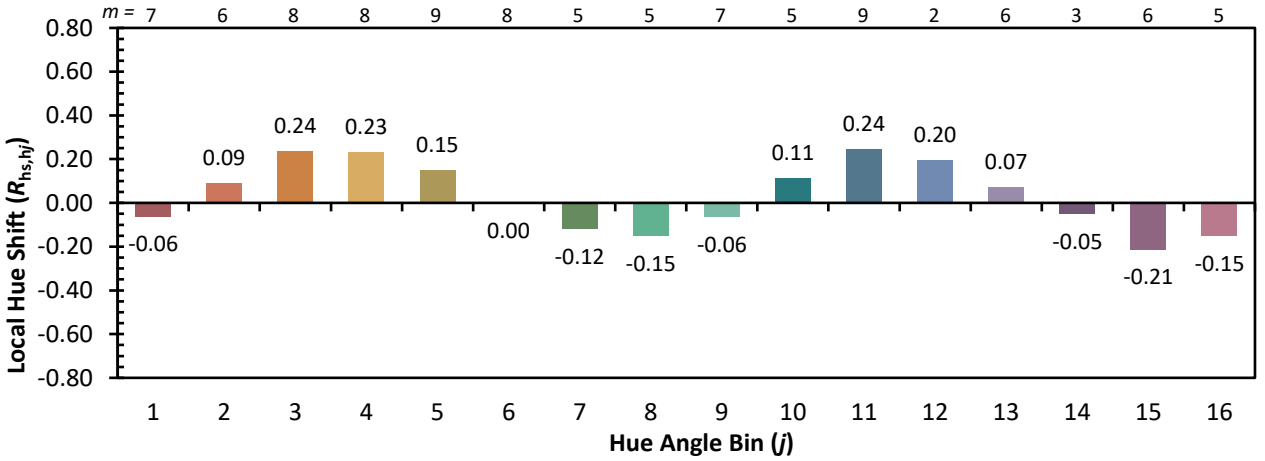
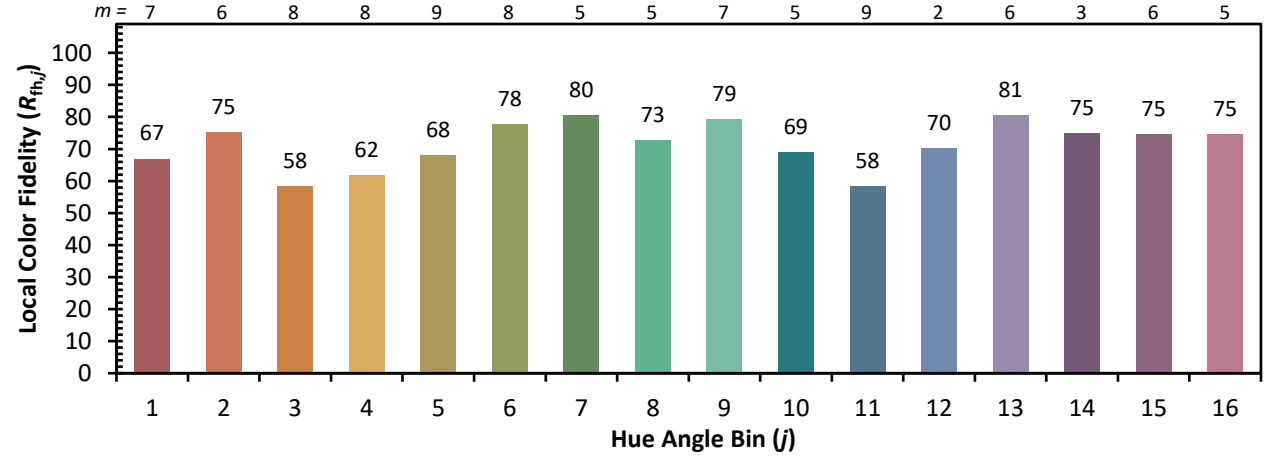
Color Rendition by Hue-Angle Bin







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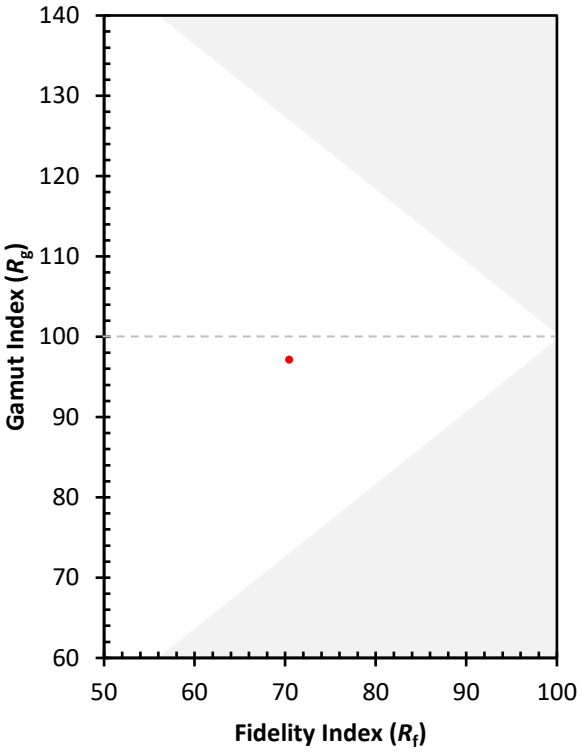
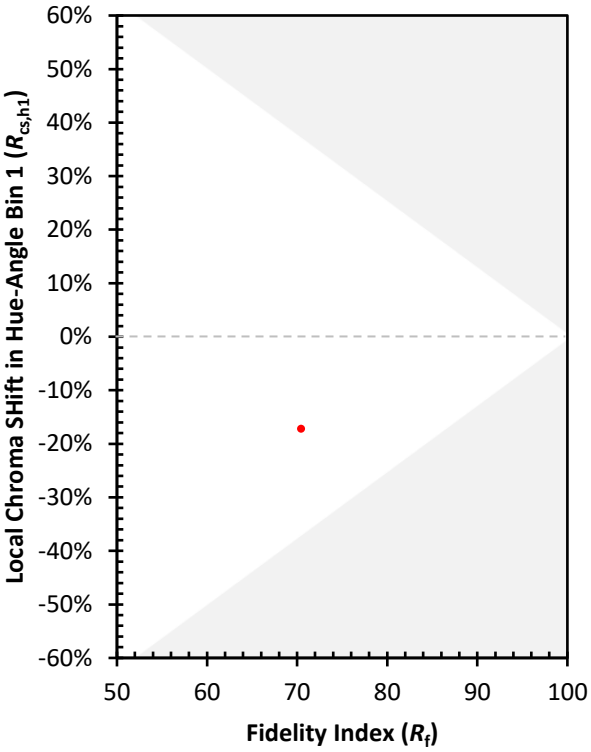
Measure Comparisons





(END OF REPORT)