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: P1048123

Luminaire Tested: **GALN-SA8C-930-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:	P1048123
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8C-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30402.9 lumens
Efficiency:	N/A
Efficacy:	81.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	372.9
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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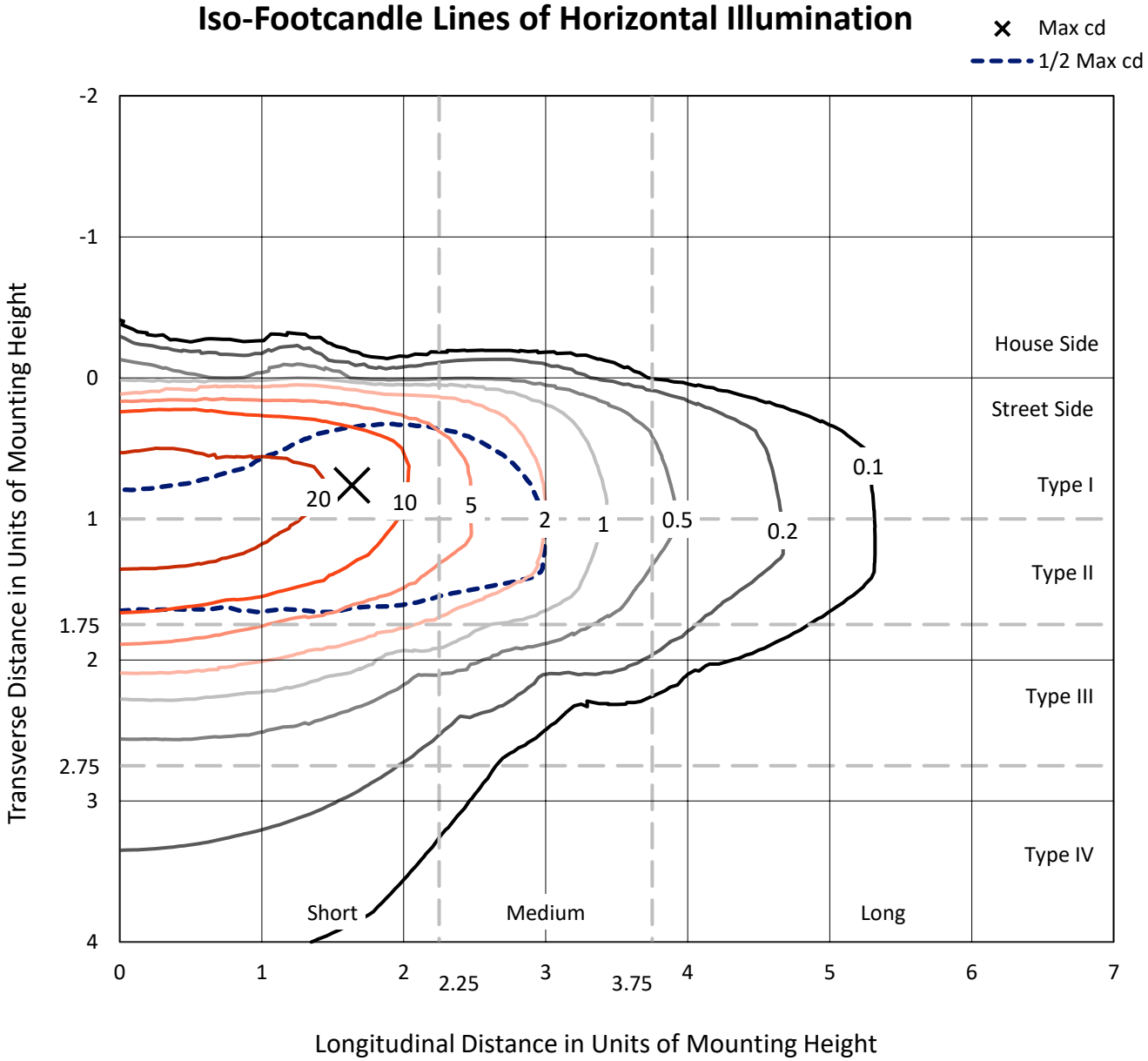
REPORT NUMBER: P1048123
CATALOG NUMBER: GALN-SA8C-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 40.2 fc
Type II - Short - N/A

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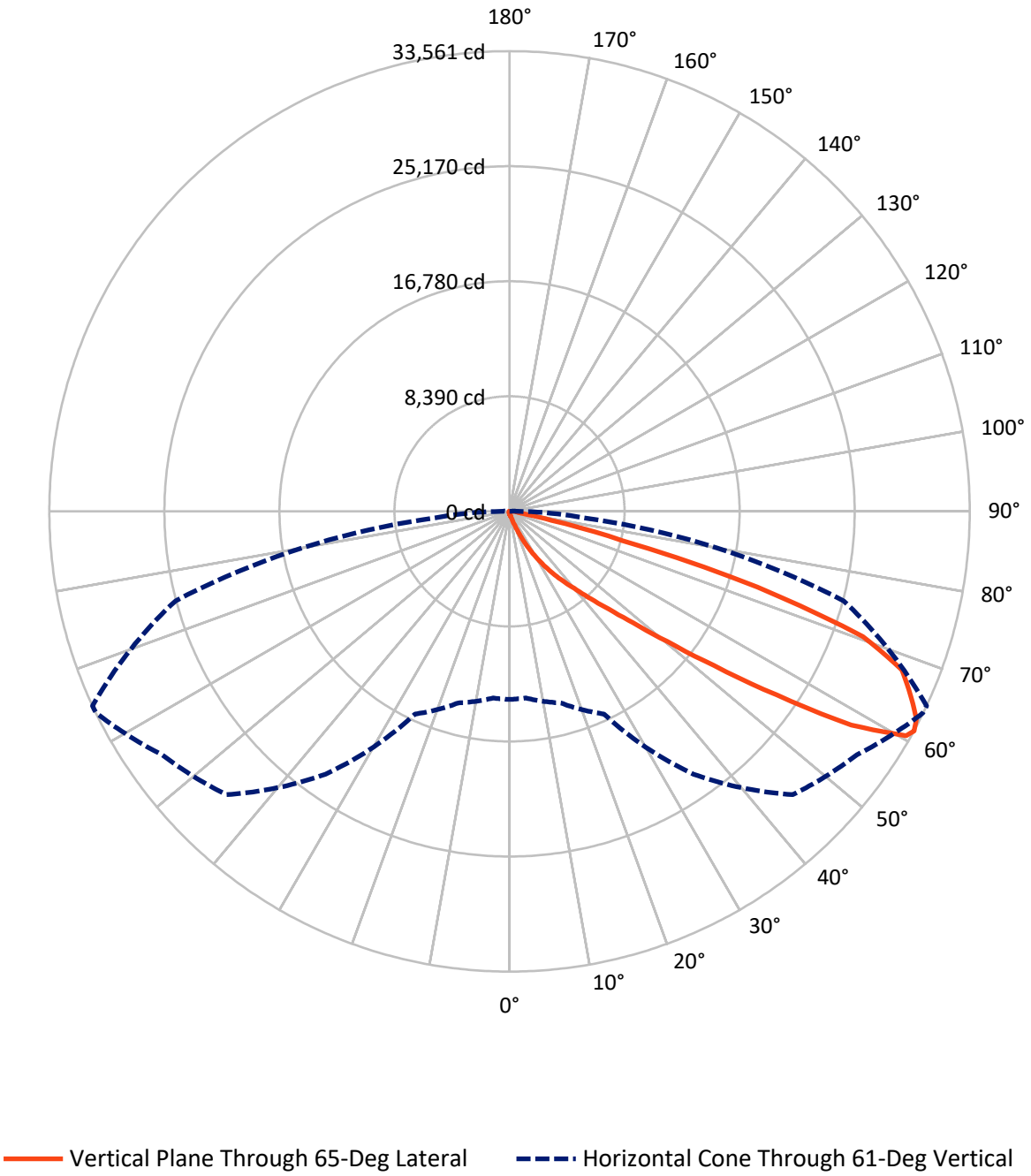
Luminous Intensity Polar Plot



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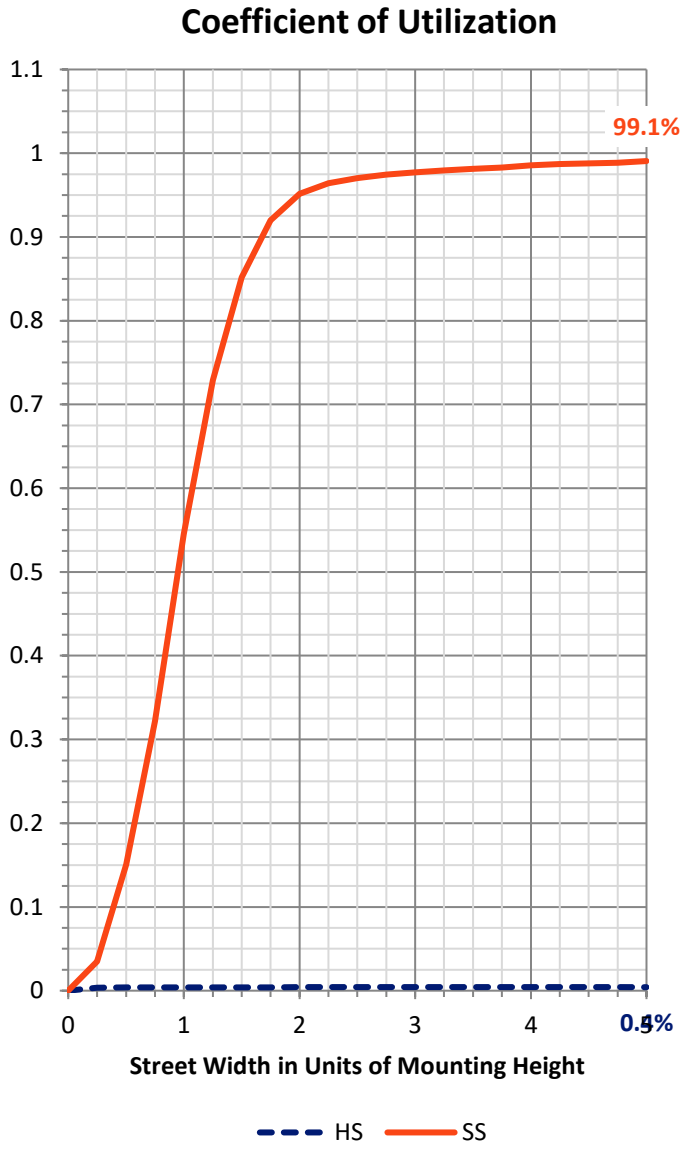
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	129.8	0.0	129.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30273.1	0.0	30273.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	30402.9	0.0	30402.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	0.1
10°-20°	250.0	0.8
20°-30°	897.2	3.0
30°-40°	2388.8	7.9
40°-50°	6275.3	20.6
50°-60°	9721.7	32.0
60°-70°	8151.5	26.8
70°-80°	2398.8	7.9
80°-90°	295.9	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°	30402.9	100.0
0°-180°	30402.9	100.0



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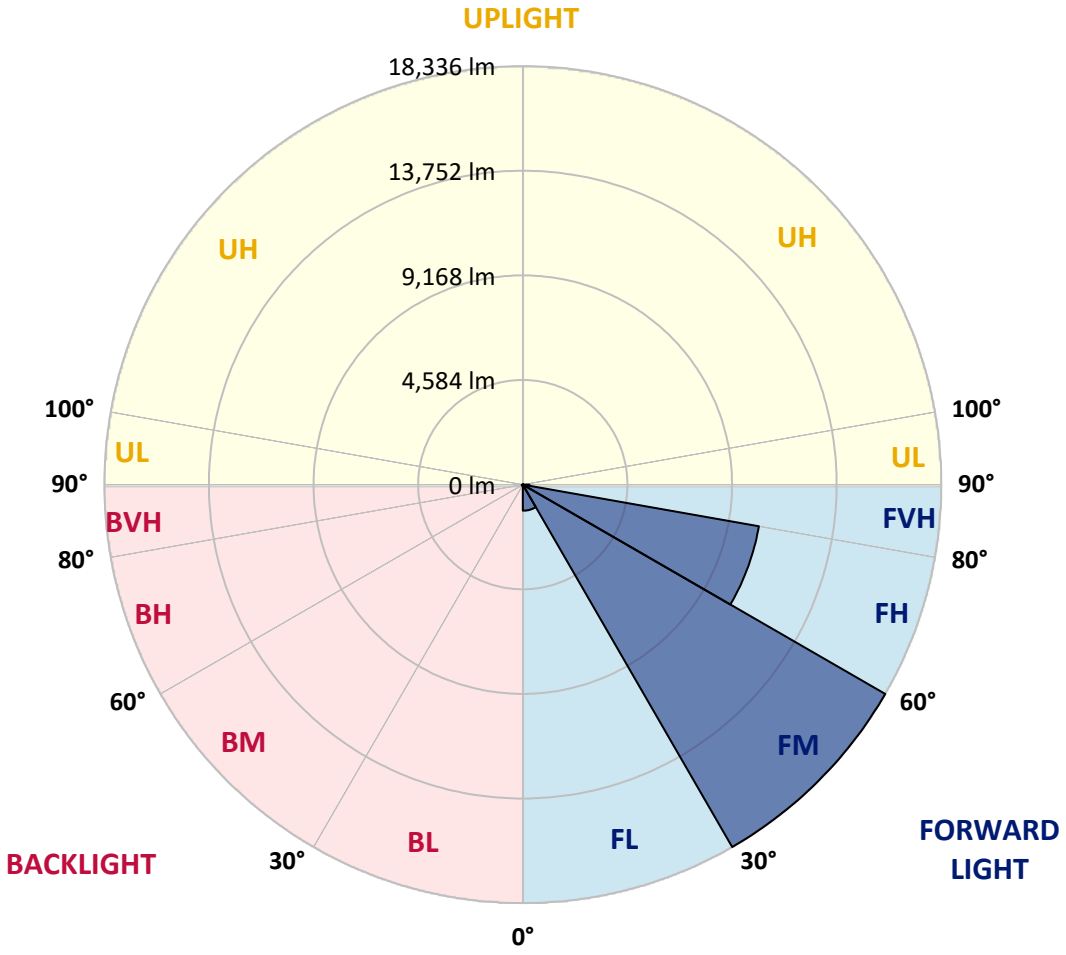
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1141.8	3.8			
FM	(30°-60°)	18336.4	60.3			
FH	(60°-80°)	10504.5	34.6			G4/12000
FVH	(80°-90°)	290.4	1.0			G3/500
BL	(0°-30°)	29.1	0.1	B0/110		
BM	(30°-60°)	49.4	0.2	B0/220		
BH	(60°-80°)	45.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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 II Short



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REPORT NUMBER: P1048123
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	*186.1*	186.1	186.1
2.5°	225.9	228.0	223.8	215.4	209.1	209.1	207.0	200.8	*200.8*	194.5	190.3
5°	315.8	311.6	303.3	286.5	271.9	257.2	242.6	228.0	*225.9*	207.0	194.5
7.5°	516.6	520.8	493.6	441.3	397.4	340.9	288.6	257.2	*253.1*	221.7	196.6
10°	1133.5	1102.2	1039.4	836.6	688.1	518.7	384.8	299.1	*294.9*	238.4	200.8
12.5°	2066.3	2041.2	1926.2	1717.0	1334.3	928.6	562.6	370.2	*357.6*	253.1	202.9
15°	2978.1	2938.4	2875.7	2664.4	2216.9	1664.7	920.2	506.1	*472.7*	274.0	200.8
17.5°	3559.5	3565.8	3509.4	3419.4	3130.8	2463.7	1589.5	755.0	*690.2*	311.6	196.6
20°	4067.8	4053.1	4084.5	4036.4	3833.5	3348.3	2313.1	1196.3	*1085.4*	372.3	198.7
22.5°	4653.3	4688.9	4711.9	4701.4	4477.7	4063.6	3135.0	1790.2	*1650.1*	483.1	205.0
25°	5437.6	5433.4	5435.5	5408.3	5190.8	4730.7	3959.0	2528.5	*2386.3*	663.0	219.6
27.5°	6259.5	6284.6	6295.1	6196.8	5912.4	5460.6	4722.4	3335.8	*3168.5*	951.6	238.4
30°	7382.6	7361.7	7313.6	7112.8	6767.7	6207.2	5475.3	4182.8	*4007.1*	1355.2	267.7
32.5°	8896.8	8873.8	8631.2	8187.8	7671.2	6985.2	6232.3	5031.9	*4818.6*	1859.2	307.4
35°	11391.8	11427.4	10831.3	9683.1	8756.7	7920.1	7071.0	5876.8	*5688.6*	2480.4	361.8
37.5°	15212.8	15018.3	14208.9	12180.3	10185.1	9087.1	7872.0	6730.1	*6567.0*	3245.8	432.9
40°	18925.0	18732.6	18498.3	16576.4	12667.5	10373.3	8993.0	7731.9	*7520.6*	4109.6	537.5
42.5°	22827.5	22720.9	22710.4	21261.1	17197.5	12395.7	10341.9	8905.1	*8725.3*	5057.0	709.0
45°	25592.3	25485.7	25709.5	25962.5	23367.1	16729.0	12690.6	10429.8	*10168.3*	6207.2	983.0
47.5°	25964.6	25968.8	26566.9	27359.6	27951.4	23431.9	15819.3	12450.0	*12132.2*	7853.2	1443.1
50°	24726.5	24774.6	25726.2	27144.2	28737.8	29055.7	21336.4	15382.2	*14911.6*	9804.4	2095.6
52.5°	22369.5	22423.9	23749.8	26081.7	28014.2	30406.7	27832.2	19217.8	*18676.1*	12238.8	3015.8
55°	20246.7	20280.2	21800.6	24747.4	27142.1	29672.6	31688.7	24339.6	*23628.5*	15233.7	3923.4
57.5°	18144.9	18067.5	19056.7	22430.2	26993.6	28771.3	32257.6	30176.7	*29392.4*	18506.7	4630.3
60°	15334.1	15204.4	15999.1	18144.9	25040.2	29363.1	31193.1	33405.8	*33228.0*	23063.8	5176.2
61°	*13717.4*	*13663.1*	*14462.0*	*16302.4*	*23396.4*	*29212.5*	*30937.9*	*33541.7*	*33560.5*	*25220.1*	*5420.9*
62.5°	9796.1	9950.8	11172.2	13564.8	19596.3	28235.9	30971.4	33121.3	*33307.5*	28085.3	6054.6
65°	4354.3	4603.1	5552.6	7499.7	11396.0	23488.4	30674.4	32199.0	*32107.0*	28871.6	8238.0
67.5°	2582.9	2620.5	3093.2	4249.7	6035.8	12634.1	27068.9	30979.8	*30856.4*	25134.3	10249.9
70°	2034.9	2053.7	2204.3	2666.5	3503.1	4839.5	15449.1	26803.3	*27340.7*	20380.6	10034.5
72.5°	1930.4	1926.2	1947.1	2028.6	2206.4	2400.9	5981.4	17816.6	*18910.3*	14677.4	8413.7
75°	1905.3	1896.9	1876.0	1844.6	1597.8	1413.8	1853.0	7880.4	*8514.0*	10028.2	6334.8
77.5°	1848.8	1850.9	1855.1	1769.3	1369.9	999.7	897.2	2528.5	*3109.9*	6364.1	4502.8
80°	1250.7	1269.5	1300.8	1267.4	1231.8	723.6	633.7	899.3	*911.8*	3572.1	2974.0
82.5°	633.7	633.7	619.1	552.1	476.8	470.6	504.0	652.5	*660.9*	1807.0	1399.1
85°	382.7	403.6	412.0	374.4	343.0	315.8	384.8	518.7	*537.5*	700.6	326.3
87.5°	85.7	87.8	96.2	127.6	186.1	253.1	357.6	474.7	*483.1*	449.6	39.7
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-SA8C-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1
2.5°	188.2	184.0	182.0	175.7	169.4	163.1	158.9	156.9	158.9	161.0	161.0
5°	186.1	179.9	169.4	158.9	150.6	142.2	133.8	131.8	131.8	133.8	133.8
7.5°	186.1	175.7	161.0	148.5	135.9	123.4	117.1	112.9	115.0	115.0	115.0
10°	186.1	173.6	154.8	135.9	121.3	106.7	96.2	92.0	92.0	92.0	92.0
12.5°	184.0	171.5	148.5	125.5	104.6	87.8	75.3	69.0	71.1	71.1	71.1
15°	179.9	165.2	140.1	106.7	83.7	66.9	54.4	48.1	50.2	54.4	56.5
17.5°	173.6	158.9	125.5	89.9	66.9	50.2	37.6	33.5	35.6	41.8	41.8
20°	171.5	152.7	110.8	73.2	50.2	35.6	25.1	20.9	23.0	31.4	33.5
22.5°	171.5	148.5	100.4	60.7	37.6	23.0	14.6	8.4	8.4	14.6	14.6
25°	173.6	146.4	92.0	50.2	27.2	16.7	8.4	4.2	8.4	23.0	27.2
27.5°	177.8	144.3	87.8	41.8	20.9	14.6	6.3	14.6	25.1	25.1	25.1
30°	182.0	140.1	81.6	35.6	18.8	10.5	10.5	20.9	20.9	25.1	27.2
32.5°	188.2	138.0	77.4	31.4	14.6	8.4	14.6	12.5	12.5	14.6	16.7
35°	200.8	140.1	73.2	31.4	14.6	10.5	12.5	6.3	4.2	4.2	4.2
37.5°	217.5	142.2	66.9	27.2	12.5	12.5	6.3	0.0	0.0	0.0	0.0
40°	244.7	148.5	62.7	25.1	10.5	10.5	2.1	0.0	0.0	0.0	0.0
42.5°	290.7	161.0	60.7	23.0	10.5	8.4	0.0	0.0	0.0	0.0	0.0
45°	382.7	190.3	56.5	20.9	10.5	4.2	0.0	0.0	0.0	0.0	0.0
47.5°	550.0	259.3	54.4	16.7	6.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	803.1	351.4	52.3	14.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1024.8	370.2	35.6	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1049.9	255.1	27.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	836.6	165.2	23.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	633.7	125.5	20.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*608.6*	*112.9*	*20.9*	*2.1*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	671.3	98.3	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1091.7	81.6	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1896.9	71.1	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2396.7	66.9	12.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2089.3	60.7	12.5	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1256.9	52.3	12.5	8.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	658.8	39.7	12.5	10.5	6.3	2.1	0.0	0.0	0.0	0.0	0.0
80°	320.0	35.6	14.6	10.5	8.4	4.2	0.0	0.0	0.0	0.0	0.0
82.5°	125.5	29.3	16.7	14.6	10.5	6.3	2.1	0.0	0.0	0.0	0.0
85°	56.5	25.1	18.8	16.7	14.6	8.4	2.1	0.0	0.0	0.0	0.0
87.5°	29.3	23.0	20.9	18.8	14.6	10.5	4.2	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

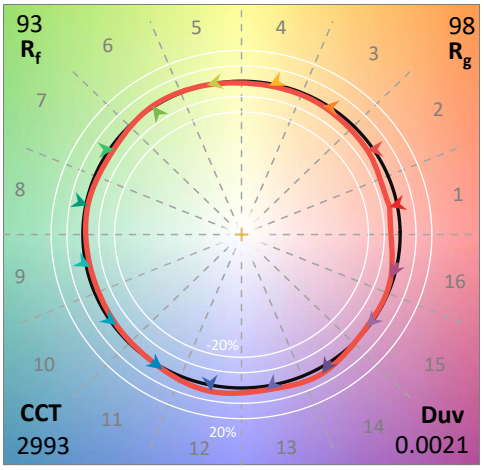
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

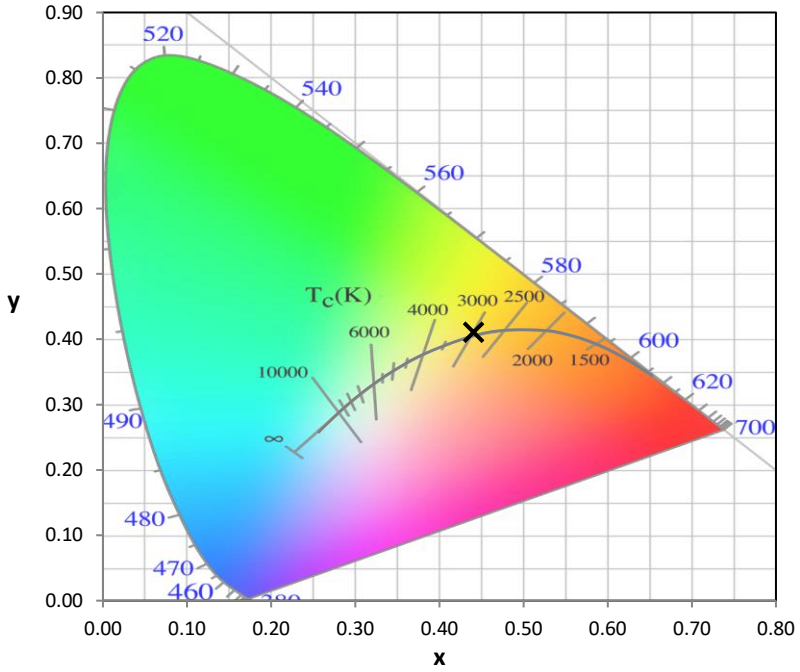
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

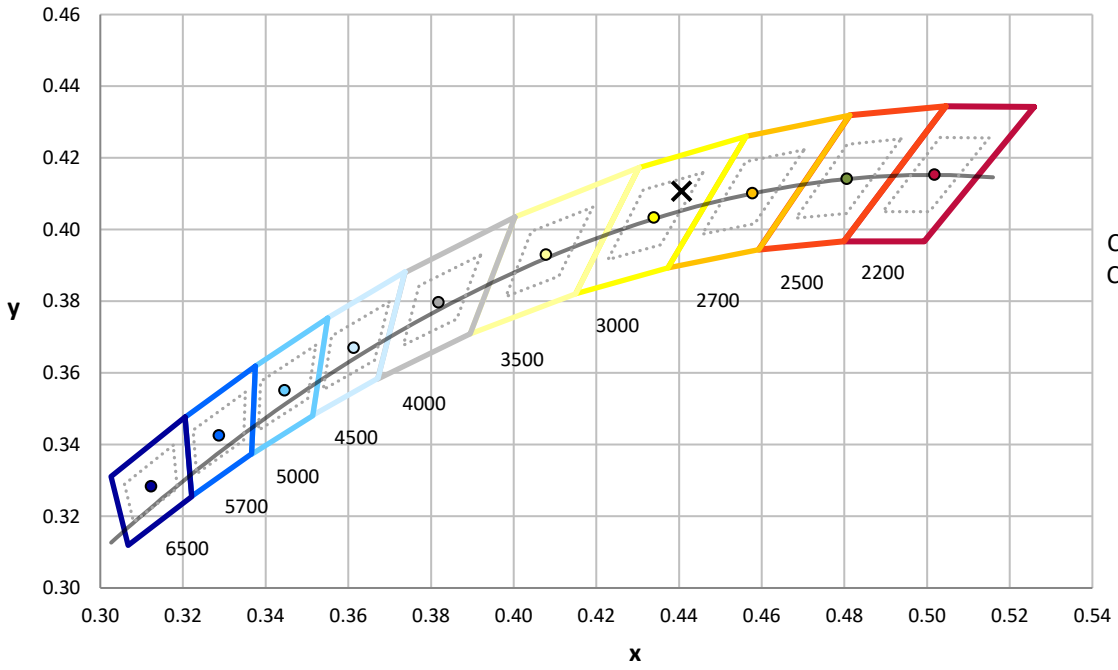
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

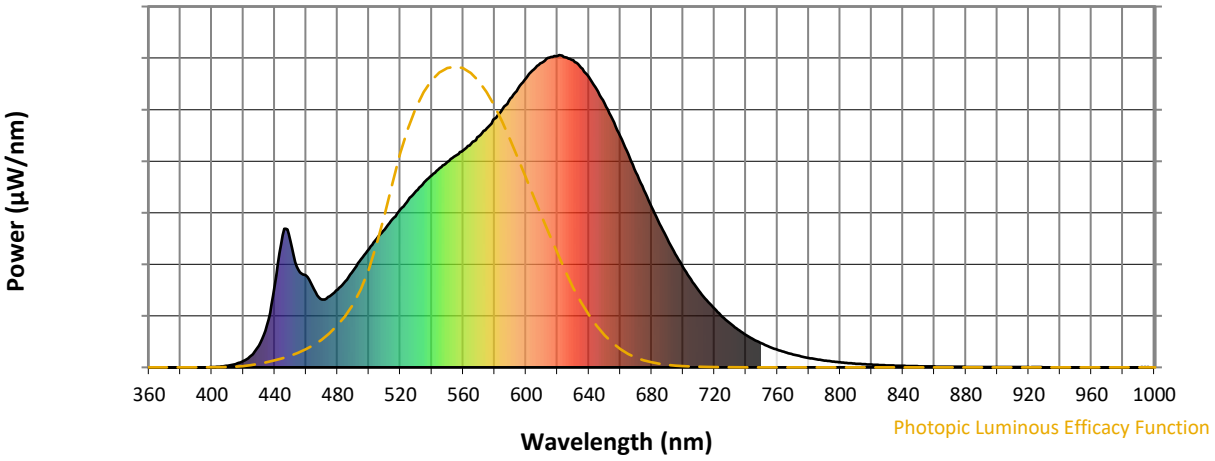


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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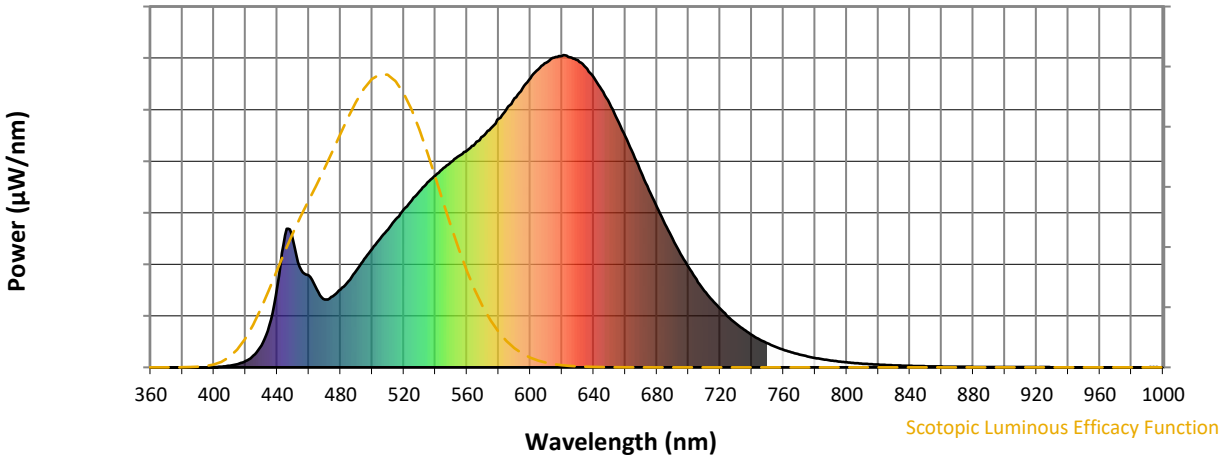
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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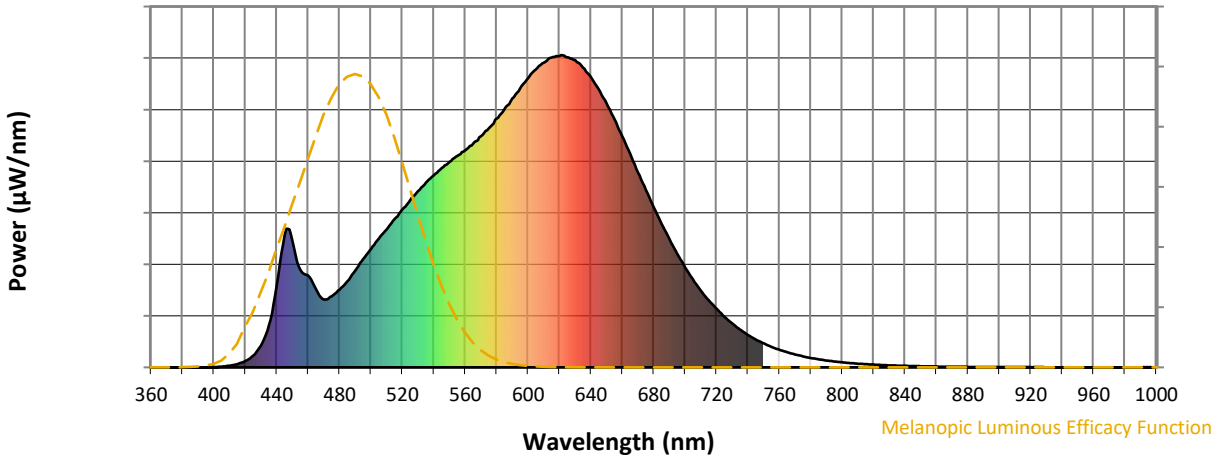
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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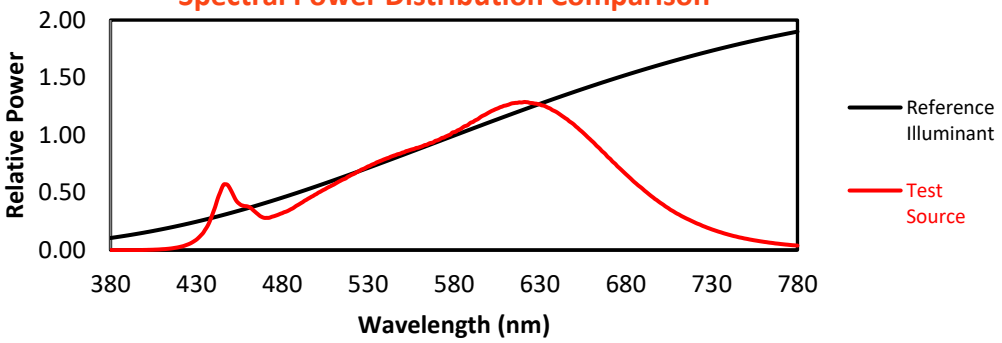
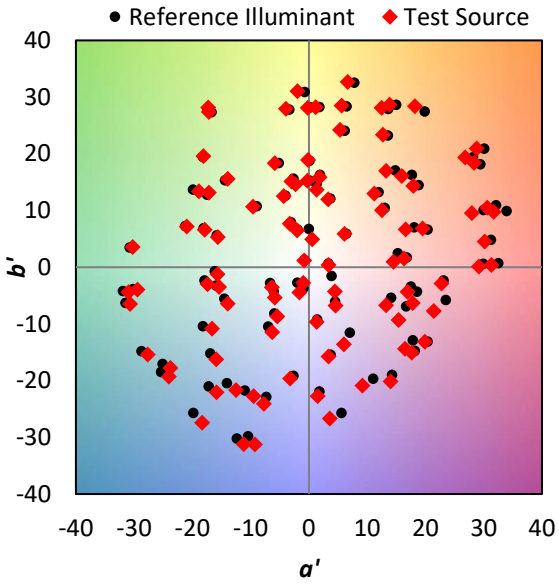
Summary

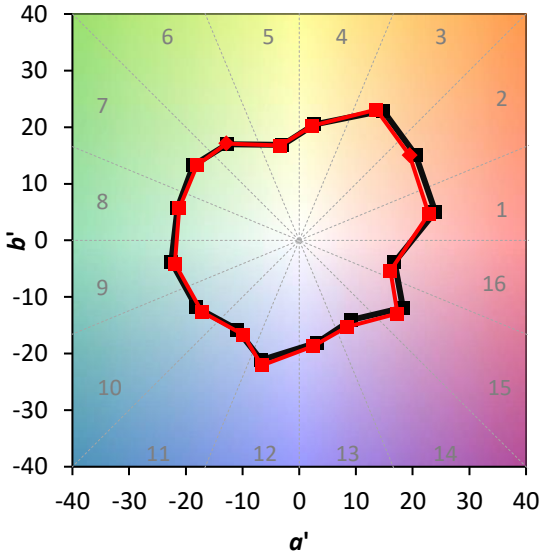
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

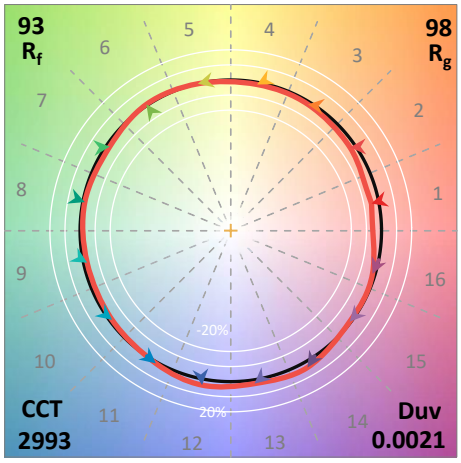
Spectral Power Distribution Comparison

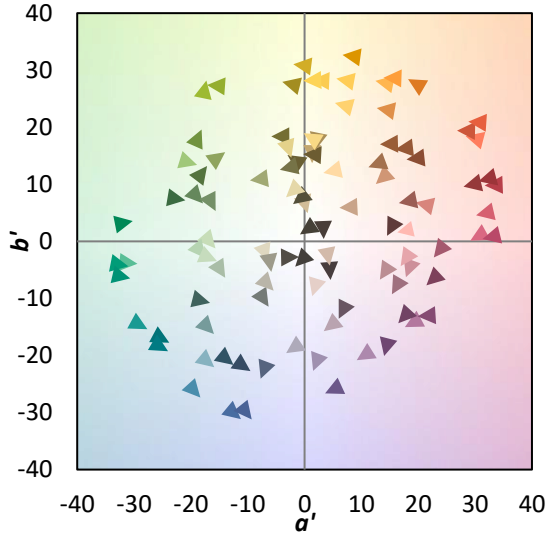


Color Vector Graphics









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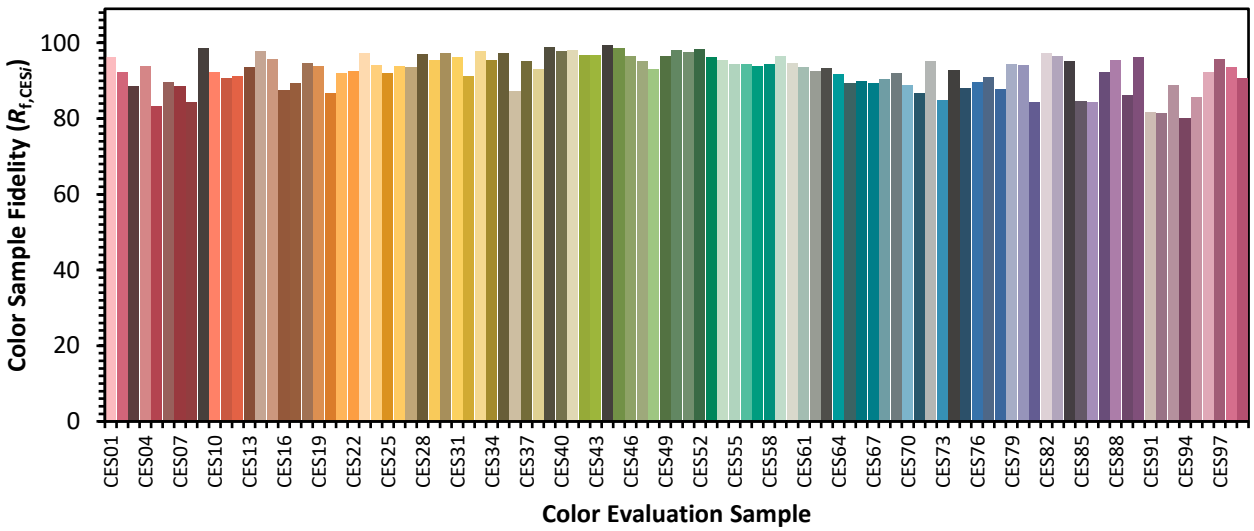
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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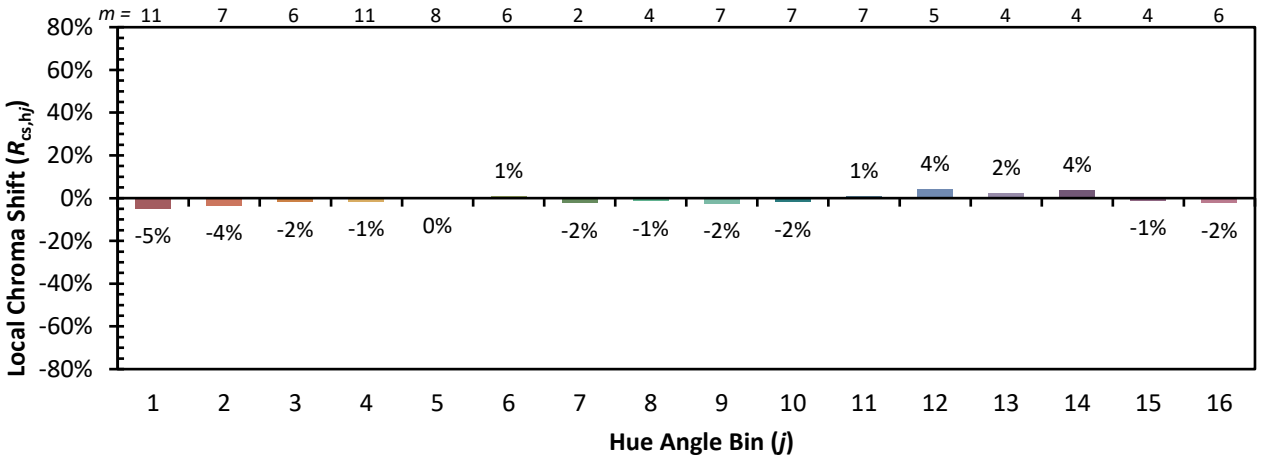
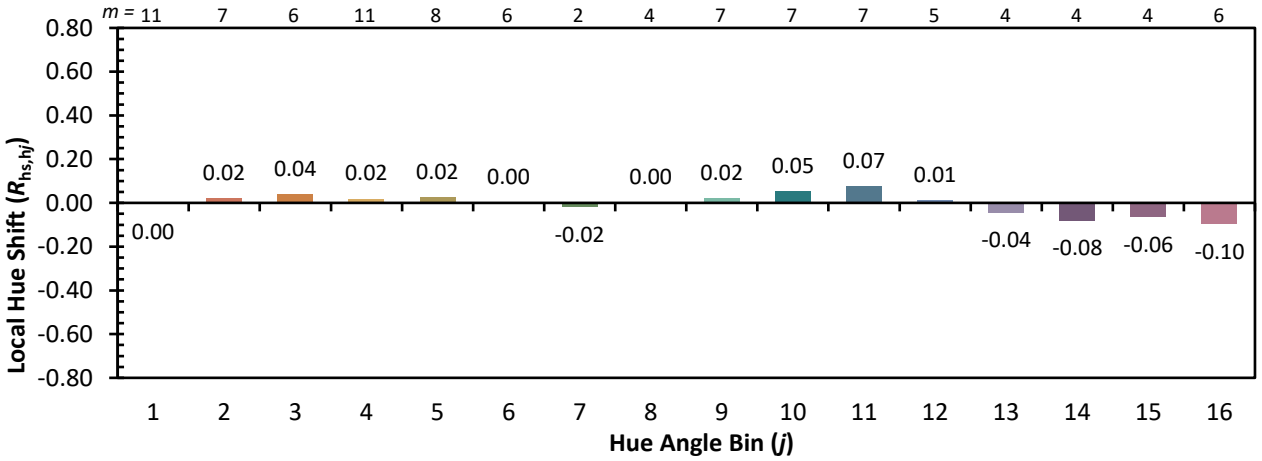
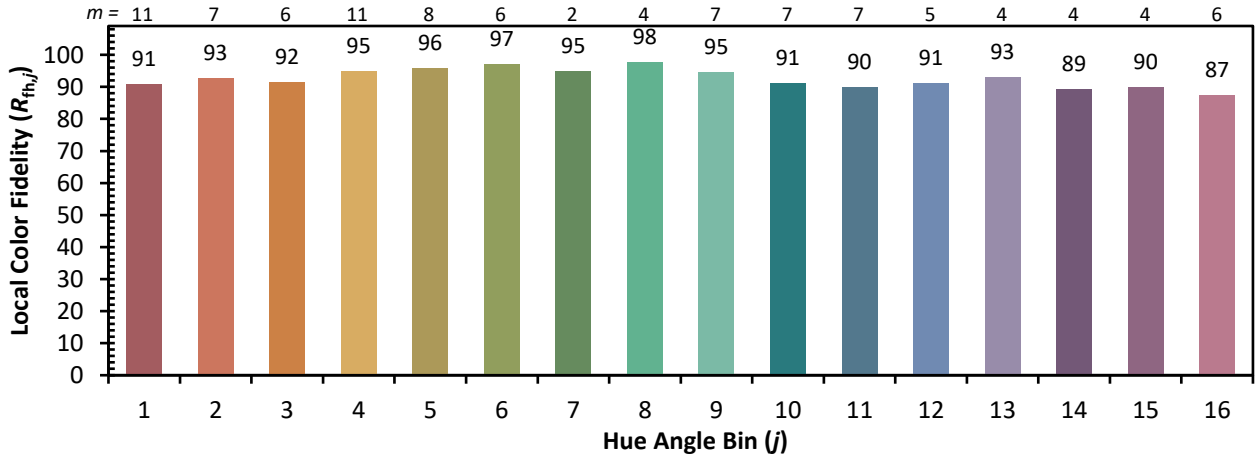
Color Rendition by Hue-Angle Bin







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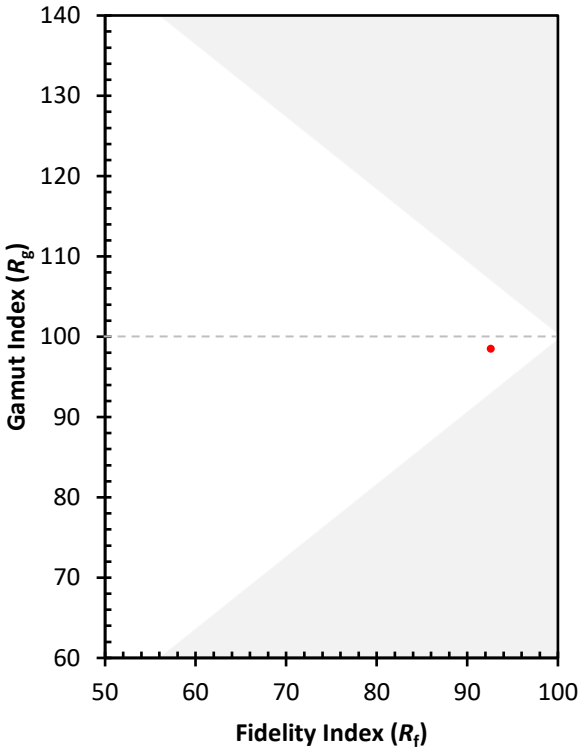
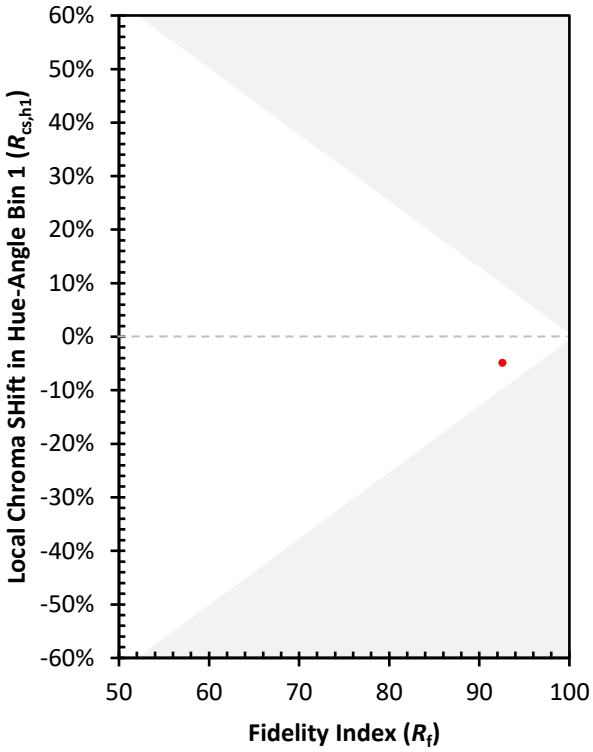
Measure Comparisons





(END OF REPORT)