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: P1048127

Luminaire Tested: **GALN-SA9C-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:	P1048127
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9C-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33998.9 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):	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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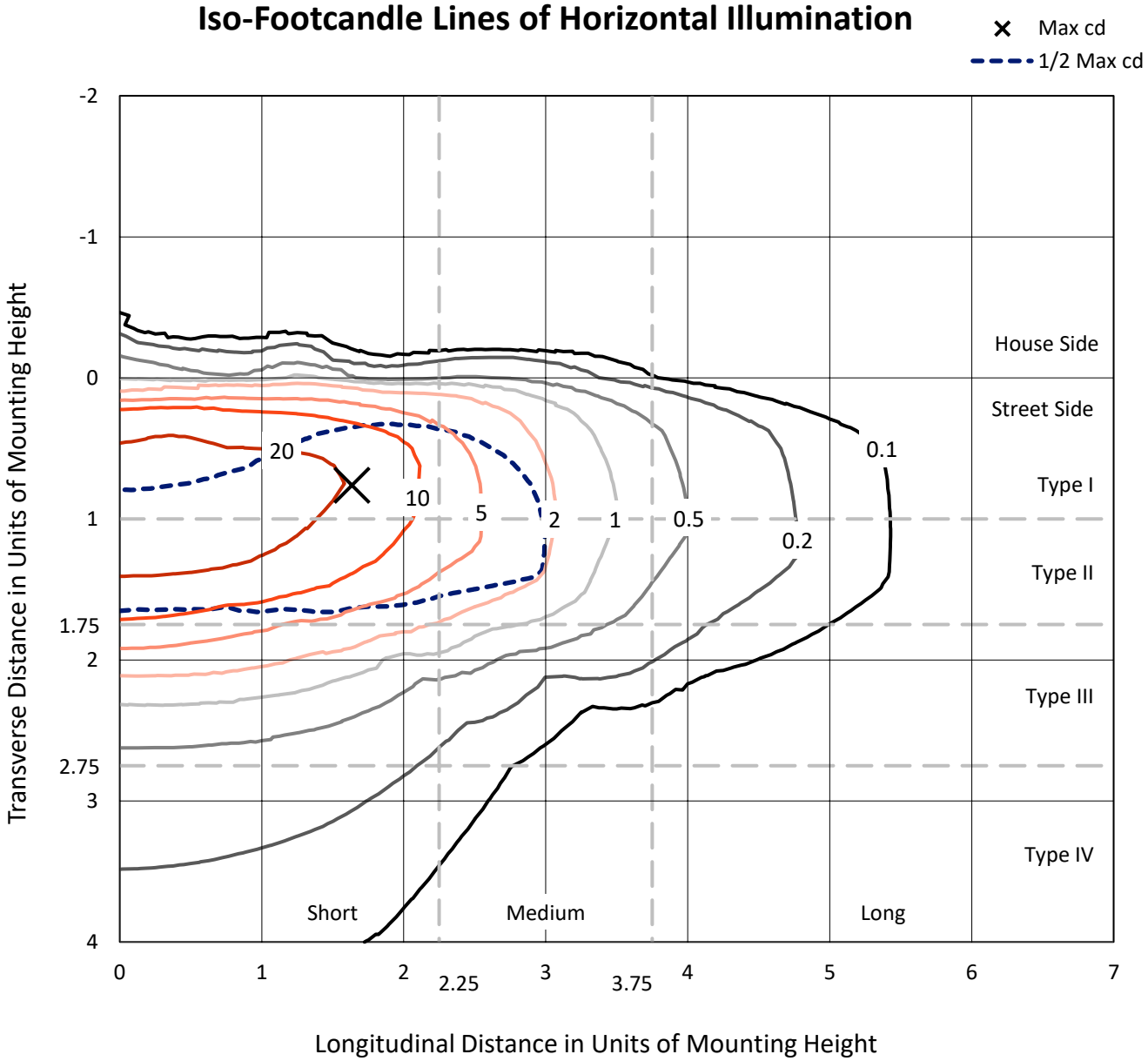
REPORT NUMBER: P1048127
CATALOG NUMBER: GALN-SA9C-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 45 fc
Type II - Short - N/A

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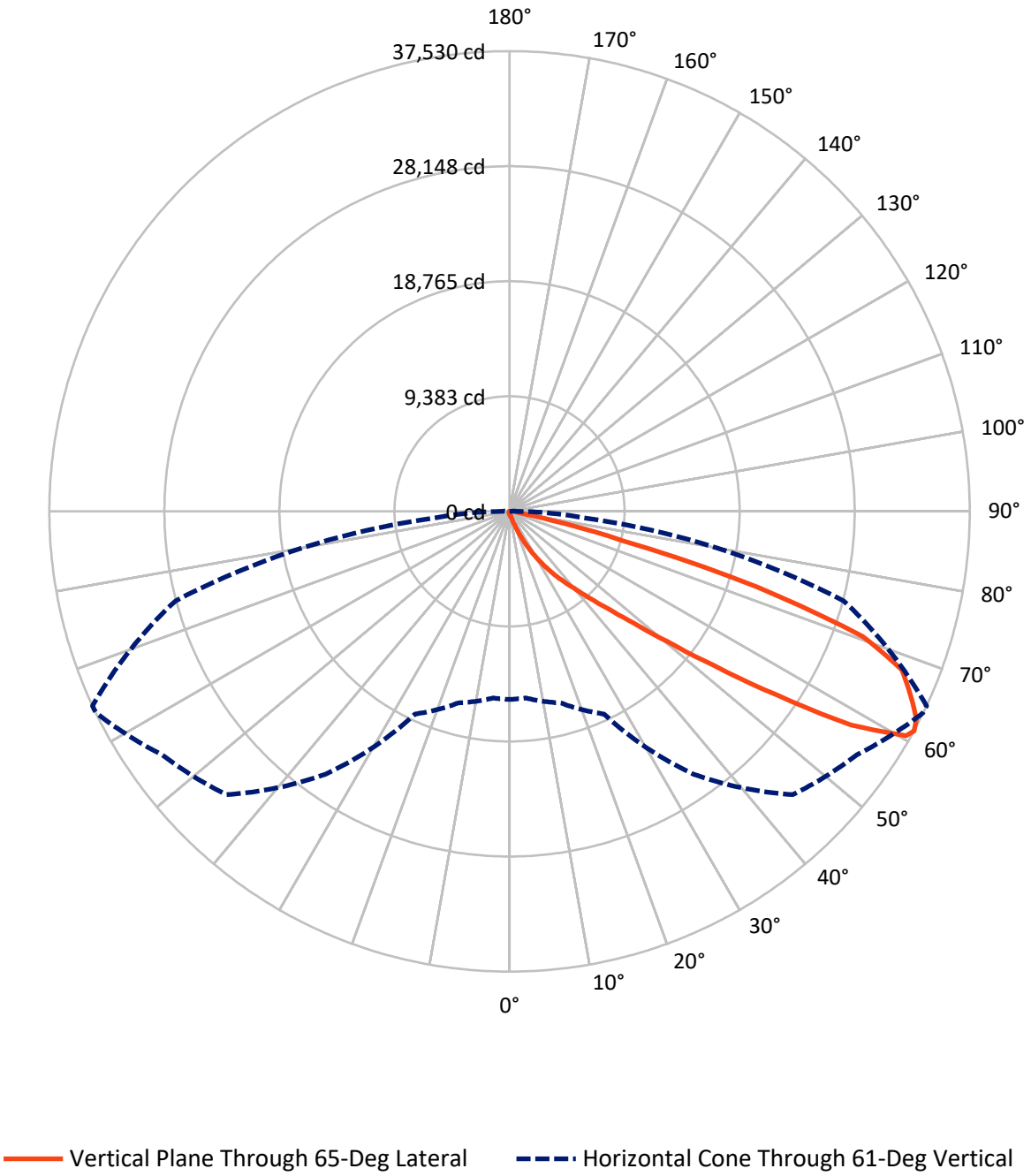
Luminous Intensity Polar Plot



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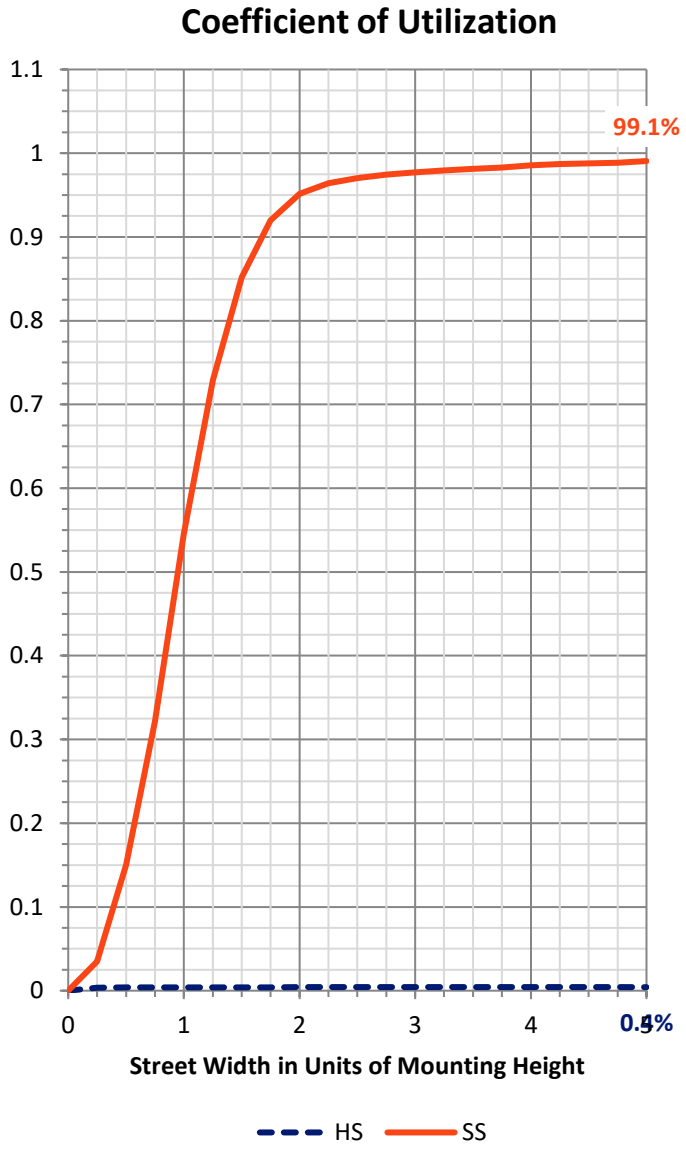
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	145.1	0.0	145.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33853.8	0.0	33853.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	33998.9	0.0	33998.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	0.1
10°-20°	279.6	0.8
20°-30°	1003.4	3.0
30°-40°	2671.3	7.9
40°-50°	7017.6	20.6
50°-60°	10871.5	32.0
60°-70°	9115.6	26.8
70°-80°	2682.6	7.9
80°-90°	330.9	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°	33998.9	100.0
0°-180°	33998.9	100.0



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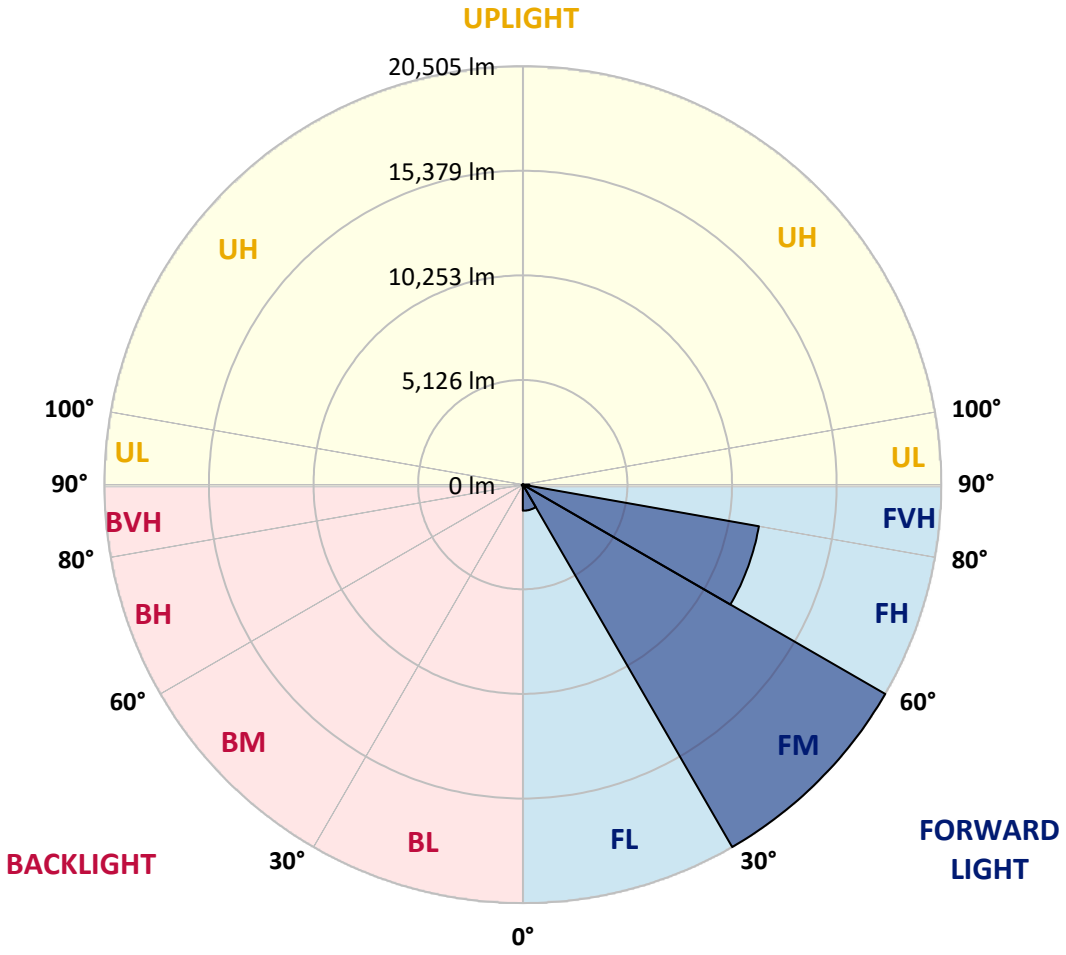
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1276.8	3.8			
FM	(30°-60°)	20505.2	60.3			
FH	(60°-80°)	11747.0	34.6			G4/12000
FVH	(80°-90°)	324.8	1.0			G3/500
BL	(0°-30°)	32.6	0.1	B0/110		
BM	(30°-60°)	55.2	0.2	B0/220		
BH	(60°-80°)	51.2	0.2	B0/110		G0/110
BVH	(80°-90°)	6.1	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: P1048127
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	*208.1*	208.1	208.1
2.5°	252.6	254.9	250.2	240.9	233.9	233.9	231.5	224.5	*224.5*	217.5	212.8
5°	353.2	348.5	339.1	320.4	304.0	287.7	271.3	254.9	*252.6*	231.5	217.5
7.5°	577.7	582.4	551.9	493.5	444.4	381.2	322.7	287.7	*283.0*	247.9	219.8
10°	1267.6	1232.5	1162.4	935.5	769.5	580.0	430.3	334.4	*329.8*	266.6	224.5
12.5°	2310.7	2282.6	2154.0	1920.1	1492.1	1038.4	629.1	414.0	*399.9*	283.0	226.9
15°	3330.4	3286.0	3215.8	2979.6	2479.1	1861.7	1029.1	566.0	*528.6*	306.4	224.5
17.5°	3980.6	3987.6	3924.4	3823.9	3501.1	2755.1	1777.5	844.3	*771.8*	348.5	219.8
20°	4548.9	4532.5	4567.6	4513.8	4286.9	3744.4	2586.7	1337.8	*1213.8*	416.3	222.2
22.5°	5203.7	5243.5	5269.2	5257.5	5007.3	4544.2	3505.8	2002.0	*1845.3*	540.3	229.2
25°	6080.8	6076.1	6078.4	6048.0	5804.8	5290.3	4427.3	2827.6	*2668.5*	741.4	245.6
27.5°	6999.9	7028.0	7039.7	6929.7	6611.7	6106.5	5280.9	3730.3	*3543.2*	1064.1	266.6
30°	8255.8	8232.4	8178.6	7954.1	7568.2	6941.4	6122.9	4677.5	*4481.1*	1515.5	299.4
32.5°	9949.1	9923.4	9652.1	9156.3	8578.6	7811.5	6969.5	5627.1	*5388.5*	2079.2	343.8
35°	12739.2	12779.0	12112.4	10828.5	9792.4	8856.9	7907.4	6571.9	*6361.4*	2773.8	404.6
37.5°	17012.1	16794.6	15889.5	13620.9	11389.8	10161.9	8803.1	7526.1	*7343.7*	3629.8	484.1
40°	21163.4	20948.3	20686.3	18537.0	14165.9	11600.3	10056.7	8646.4	*8410.2*	4595.7	601.1
42.5°	25527.6	25408.3	25396.6	23775.8	19231.6	13861.8	11565.2	9958.4	*9757.3*	5655.1	792.8
45°	28619.4	28500.1	28750.4	29033.4	26131.0	18707.8	14191.6	11663.4	*11371.1*	6941.4	1099.2
47.5°	29035.7	29040.4	29709.3	30595.7	31257.5	26203.5	17690.4	13922.6	*13567.2*	8782.0	1613.7
50°	27651.2	27705.0	28769.1	30354.8	32136.9	32492.4	23860.0	17201.6	*16675.4*	10964.1	2343.4
52.5°	25015.4	25076.2	26559.0	29166.7	31327.7	34003.2	31124.2	21490.9	*20885.1*	13686.4	3372.5
55°	22641.5	22679.0	24379.2	27674.6	30352.4	33182.3	35436.9	27218.5	*26423.3*	17035.5	4387.5
57.5°	20291.1	20204.6	21310.8	25083.2	30186.4	32174.3	36073.1	33746.0	*32868.9*	20695.7	5178.0
60°	17147.8	17002.8	17891.5	20291.1	28002.0	32836.2	34882.6	37357.0	*37158.2*	25791.9	5788.4
61°	*15339.9*	*15279.1*	*16172.5*	*18230.6*	*26163.7*	*32667.8*	*34597.3*	*37509.1*	*37530.1*	*28203.1*	*6062.1*
62.5°	10954.8	11127.8	12493.7	15169.2	21914.2	31575.6	34634.7	37039.0	*37247.1*	31407.2	6770.7
65°	4869.3	5147.6	6209.4	8386.8	12743.9	26266.6	34302.6	36007.6	*35904.7*	32286.6	9212.4
67.5°	2888.4	2930.5	3459.0	4752.4	6749.7	14128.5	30270.6	34644.1	*34506.1*	28107.2	11462.3
70°	2275.6	2296.7	2465.1	2981.9	3917.4	5411.9	17276.4	29973.6	*30574.6*	22791.2	11221.4
72.5°	2158.7	2154.0	2177.4	2268.6	2467.4	2684.9	6688.9	19923.9	*21147.1*	16413.4	9408.8
75°	2130.6	2121.3	2097.9	2062.8	1786.8	1581.0	2072.1	8812.5	*9521.1*	11214.4	7084.1
77.5°	2067.5	2069.8	2074.5	1978.6	1531.9	1117.9	1003.3	2827.6	*3477.7*	7116.9	5035.4
80°	1398.6	1419.6	1454.7	1417.3	1377.5	809.2	708.6	1005.7	*1019.7*	3994.6	3325.7
82.5°	708.6	708.6	692.3	617.4	533.2	526.2	563.6	729.7	*739.0*	2020.7	1564.6
85°	428.0	451.4	460.7	418.6	383.6	353.2	430.3	580.0	*601.1*	783.5	364.8
87.5°	95.9	98.2	107.6	142.7	208.1	283.0	399.9	530.9	*540.3*	502.8	44.4
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-SA9C-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1
2.5°	210.5	205.8	203.5	196.5	189.4	182.4	177.7	175.4	177.7	180.1	180.1
5°	208.1	201.1	189.4	177.7	168.4	159.0	149.7	147.3	147.3	149.7	149.7
7.5°	208.1	196.5	180.1	166.1	152.0	138.0	131.0	126.3	128.6	128.6	128.6
10°	208.1	194.1	173.1	152.0	135.6	119.3	107.6	102.9	102.9	102.9	102.9
12.5°	205.8	191.8	166.1	140.3	116.9	98.2	84.2	77.2	79.5	79.5	79.5
15°	201.1	184.8	156.7	119.3	93.6	74.8	60.8	53.8	56.1	60.8	63.1
17.5°	194.1	177.7	140.3	100.6	74.8	56.1	42.1	37.4	39.8	46.8	46.8
20°	191.8	170.7	124.0	81.9	56.1	39.8	28.1	23.4	25.7	35.1	37.4
22.5°	191.8	166.1	112.3	67.8	42.1	25.7	16.4	9.4	9.4	16.4	16.4
25°	194.1	163.7	102.9	56.1	30.4	18.7	9.4	4.7	9.4	25.7	30.4
27.5°	198.8	161.4	98.2	46.8	23.4	16.4	7.0	16.4	28.1	28.1	28.1
30°	203.5	156.7	91.2	39.8	21.0	11.7	11.7	23.4	23.4	28.1	30.4
32.5°	210.5	154.4	86.5	35.1	16.4	9.4	16.4	14.0	14.0	16.4	18.7
35°	224.5	156.7	81.9	35.1	16.4	11.7	14.0	7.0	4.7	4.7	4.7
37.5°	243.2	159.0	74.8	30.4	14.0	14.0	7.0	0.0	0.0	0.0	0.0
40°	273.6	166.1	70.2	28.1	11.7	11.7	2.3	0.0	0.0	0.0	0.0
42.5°	325.1	180.1	67.8	25.7	11.7	9.4	0.0	0.0	0.0	0.0	0.0
45°	428.0	212.8	63.1	23.4	11.7	4.7	0.0	0.0	0.0	0.0	0.0
47.5°	615.1	290.0	60.8	18.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	898.1	392.9	58.5	16.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1146.0	414.0	39.8	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1174.1	285.3	30.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	935.5	184.8	25.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	708.6	140.3	23.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*680.6*	*126.3*	*23.4*	*2.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	750.7	109.9	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1220.8	91.2	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2121.3	79.5	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2680.2	74.8	14.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2336.4	67.8	14.0	4.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	1405.6	58.5	14.0	9.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	736.7	44.4	14.0	11.7	7.0	2.3	0.0	0.0	0.0	0.0	0.0
80°	357.8	39.8	16.4	11.7	9.4	4.7	0.0	0.0	0.0	0.0	0.0
82.5°	140.3	32.7	18.7	16.4	11.7	7.0	2.3	0.0	0.0	0.0	0.0
85°	63.1	28.1	21.0	18.7	16.4	9.4	2.3	0.0	0.0	0.0	0.0
87.5°	32.7	25.7	23.4	21.0	16.4	11.7	4.7	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

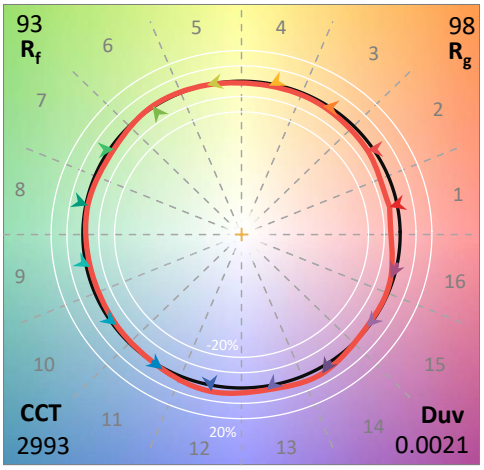
Test Information

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

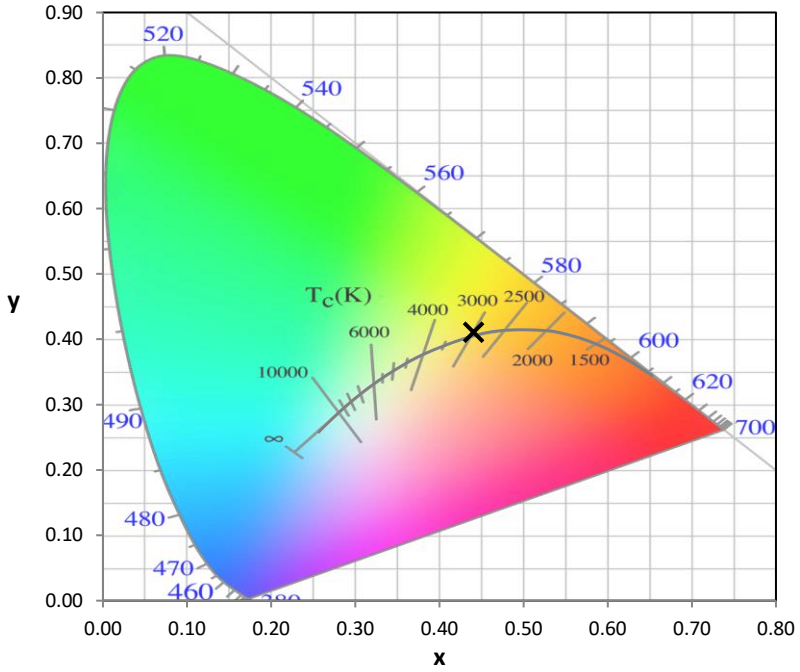
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

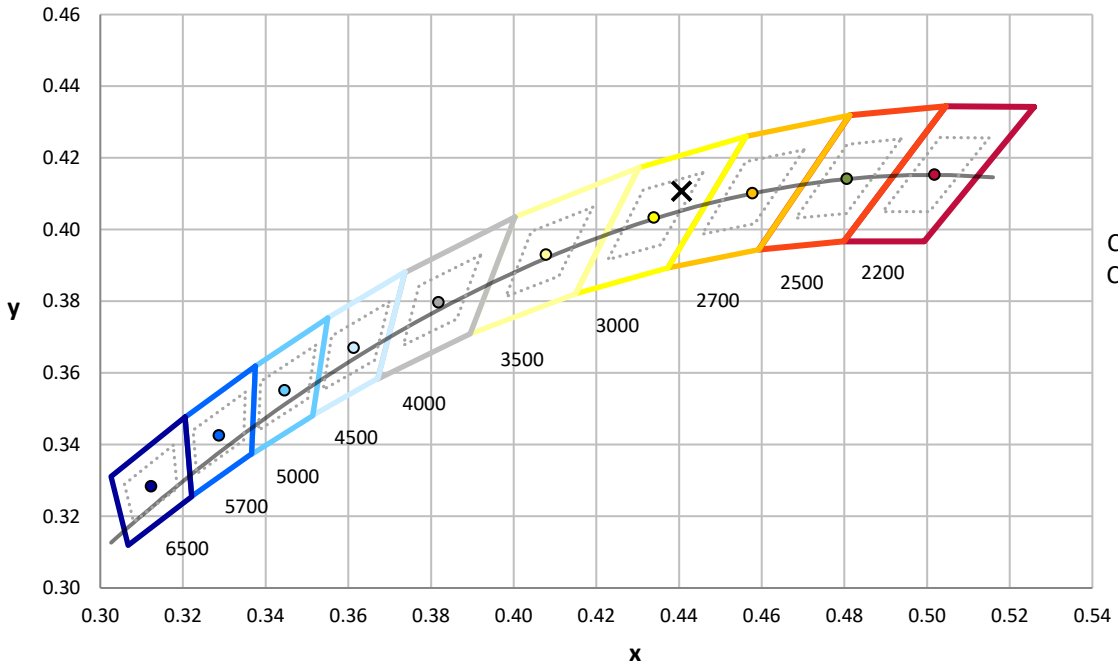
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

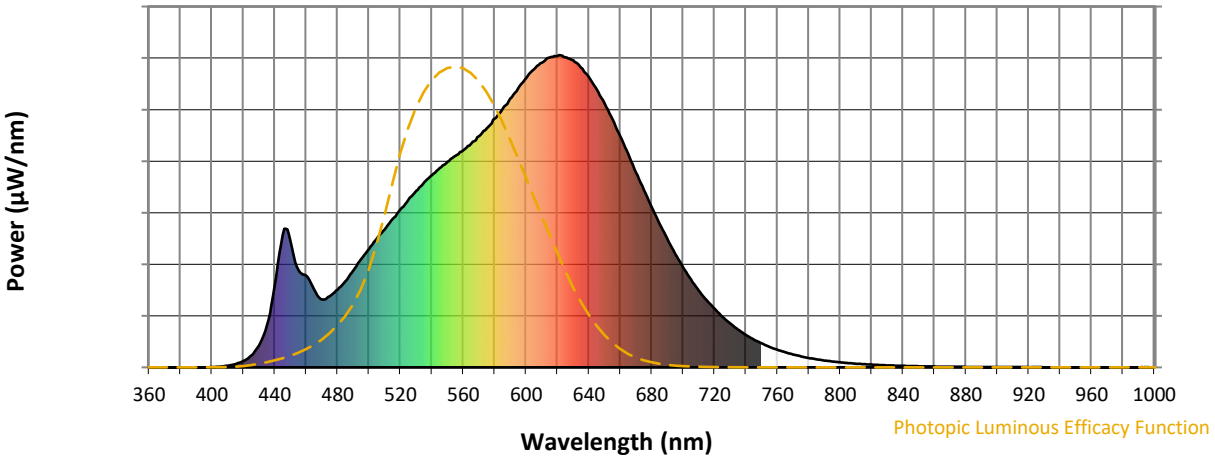


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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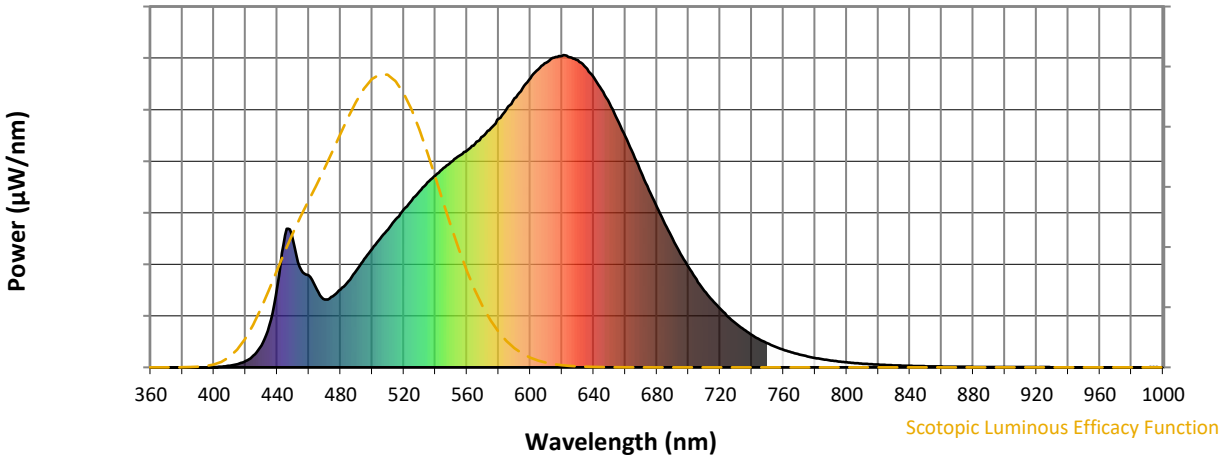
Scotopic Flux vs. Wavelength



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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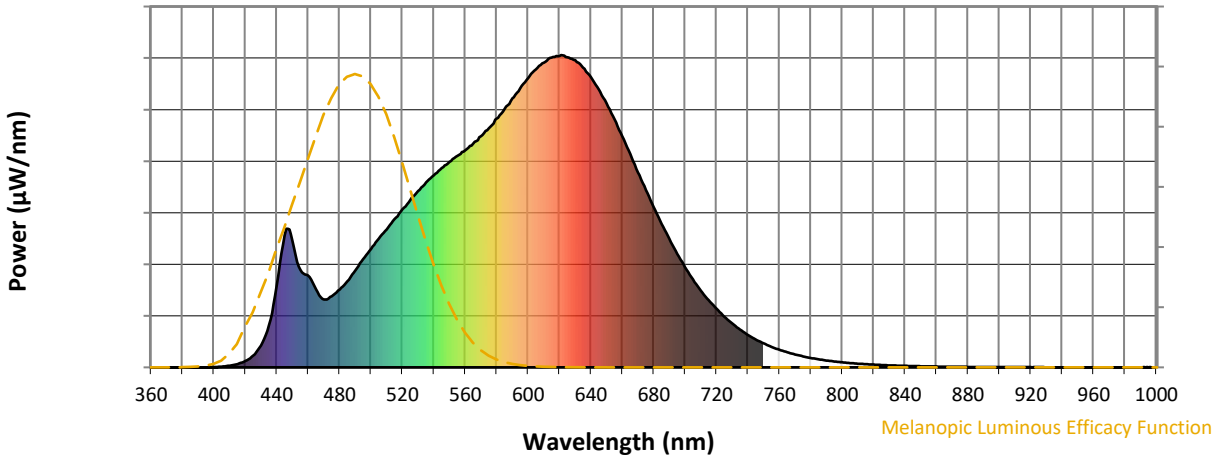
Melanopic Flux vs. Wavelength



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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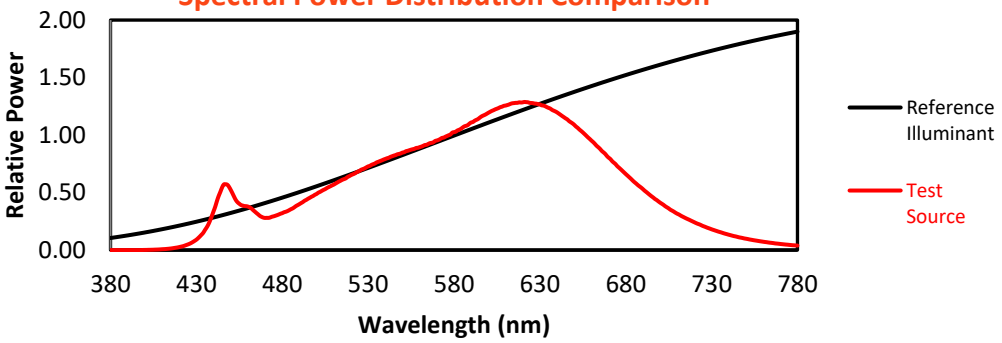
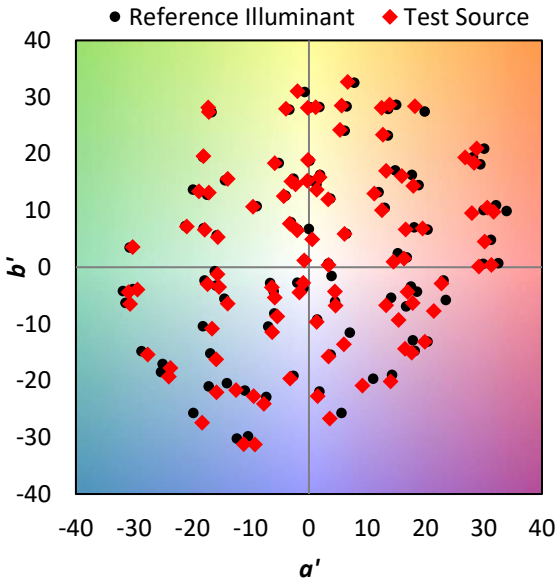
Summary

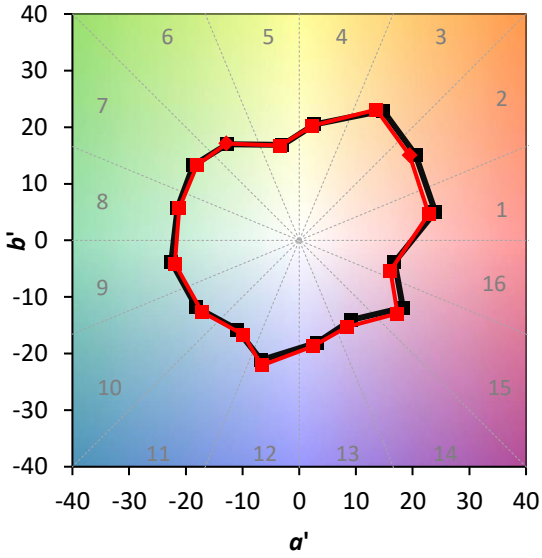
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

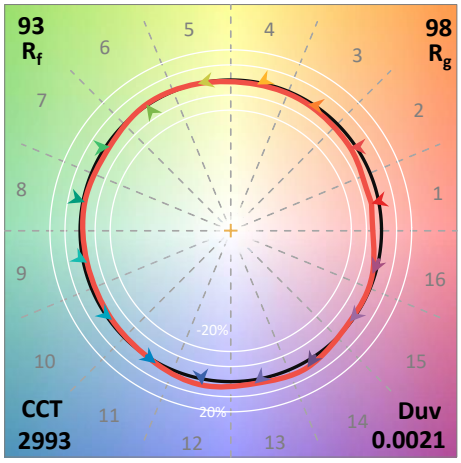
Spectral Power Distribution Comparison

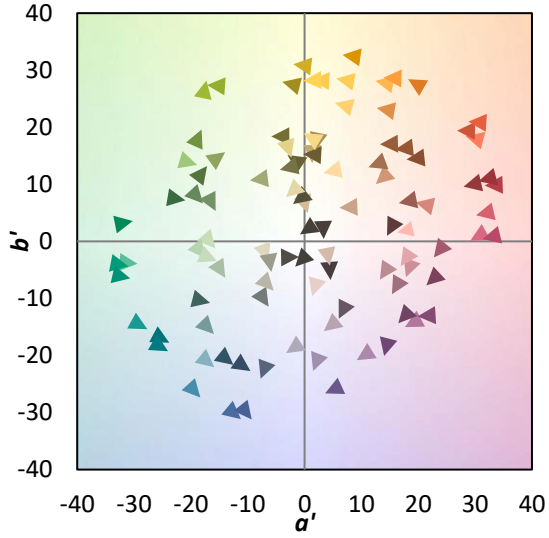


Color Vector Graphics









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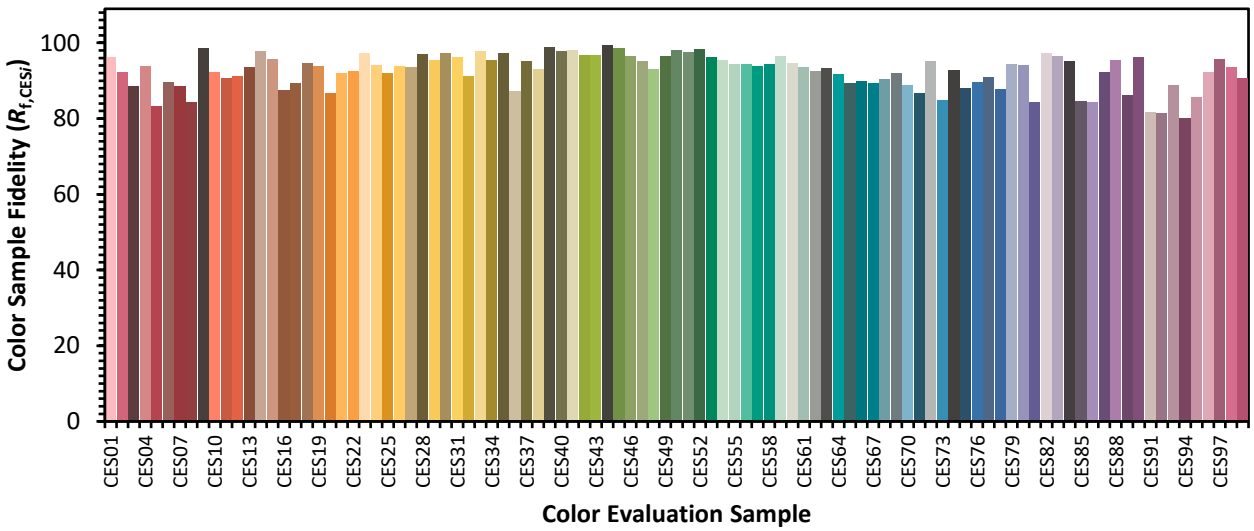
Individual Sample Fidelity Index ($R_{f,i}$)

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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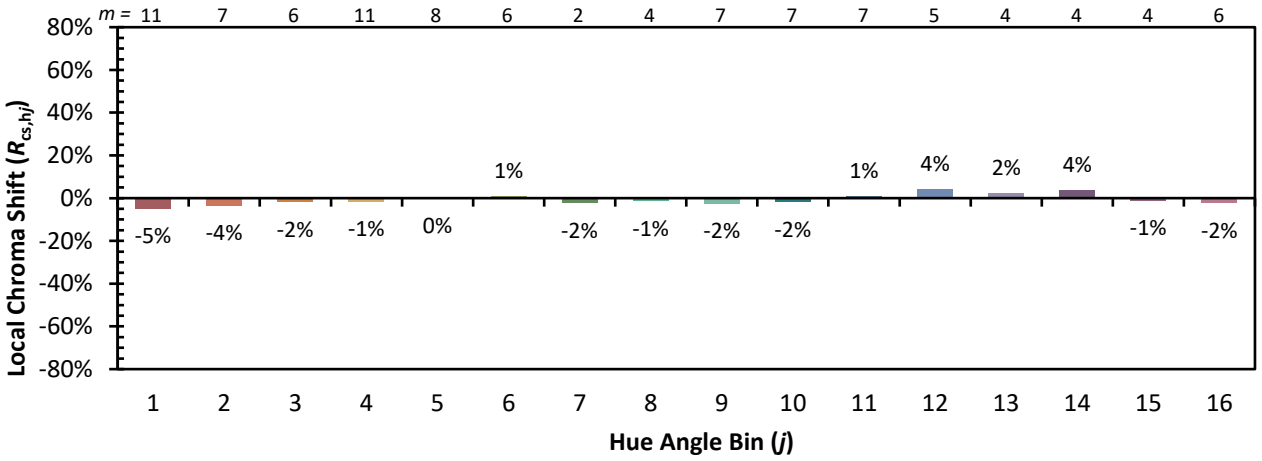
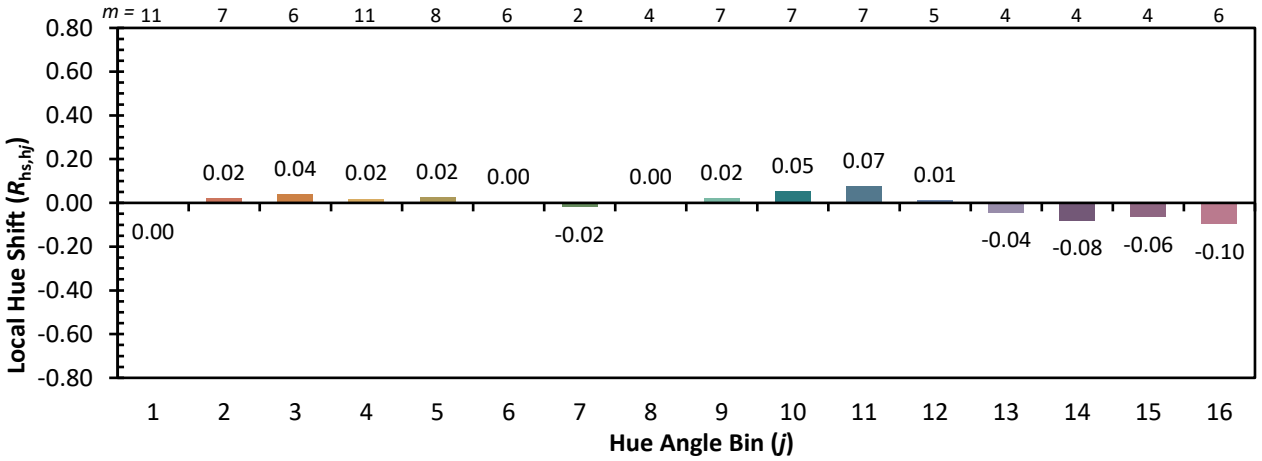
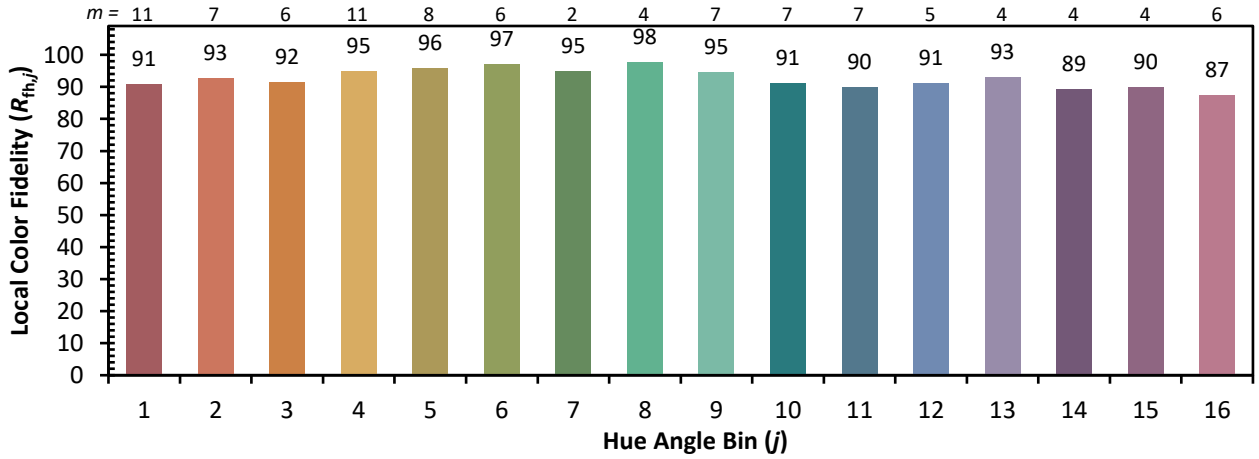
Color Rendition by Hue-Angle Bin







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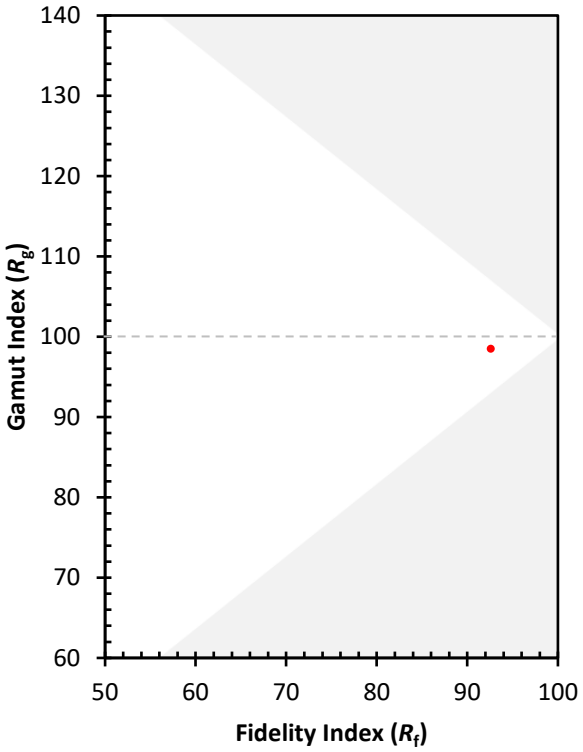
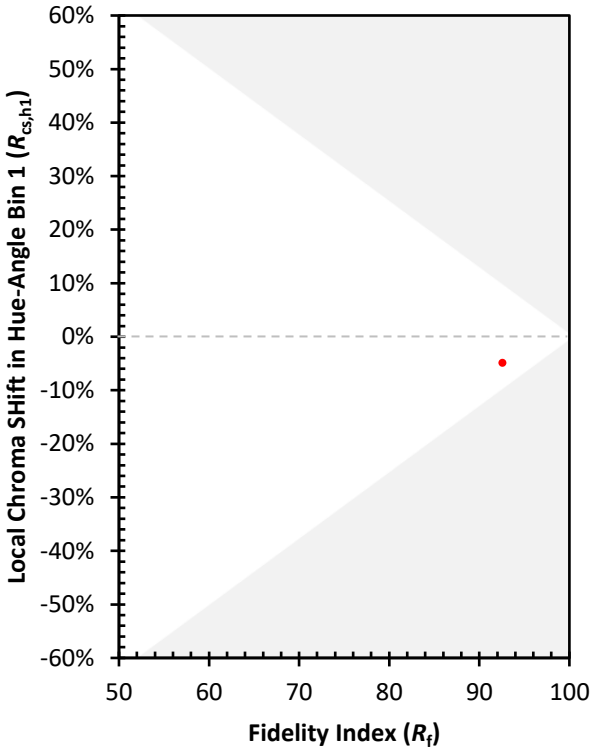
Measure Comparisons





(END OF REPORT)