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: P1048118

Luminaire Tested: **GALN-SA7B-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:	P1048118
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(98) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21525.1 lumens
Efficiency:	N/A
Efficacy:	86.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	249.5
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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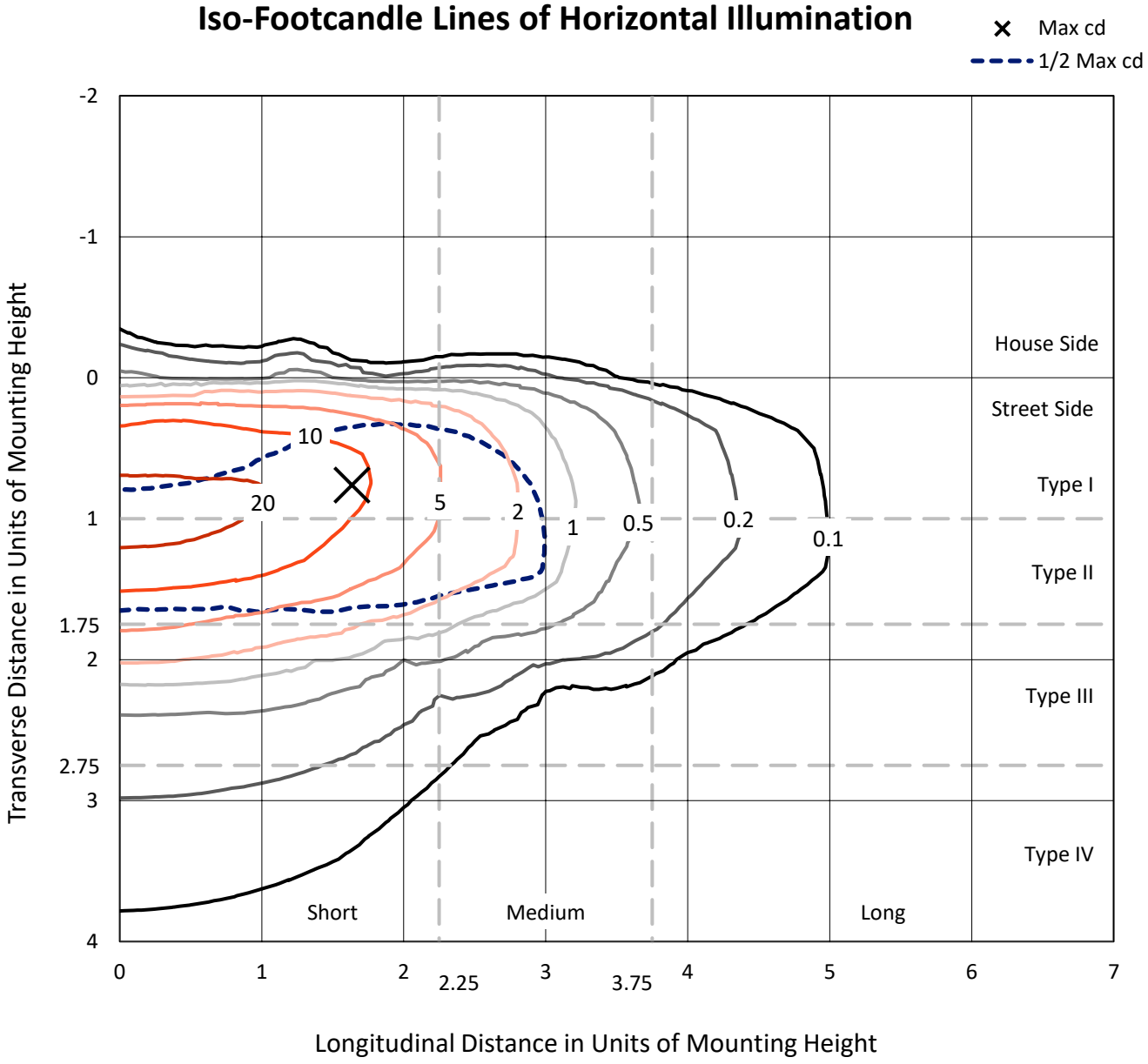
REPORT NUMBER: P1048118
CATALOG NUMBER: GALN-SA7B-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 28.5 fc
Type II - Short - N/A

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REPORT NUMBER: P1048118
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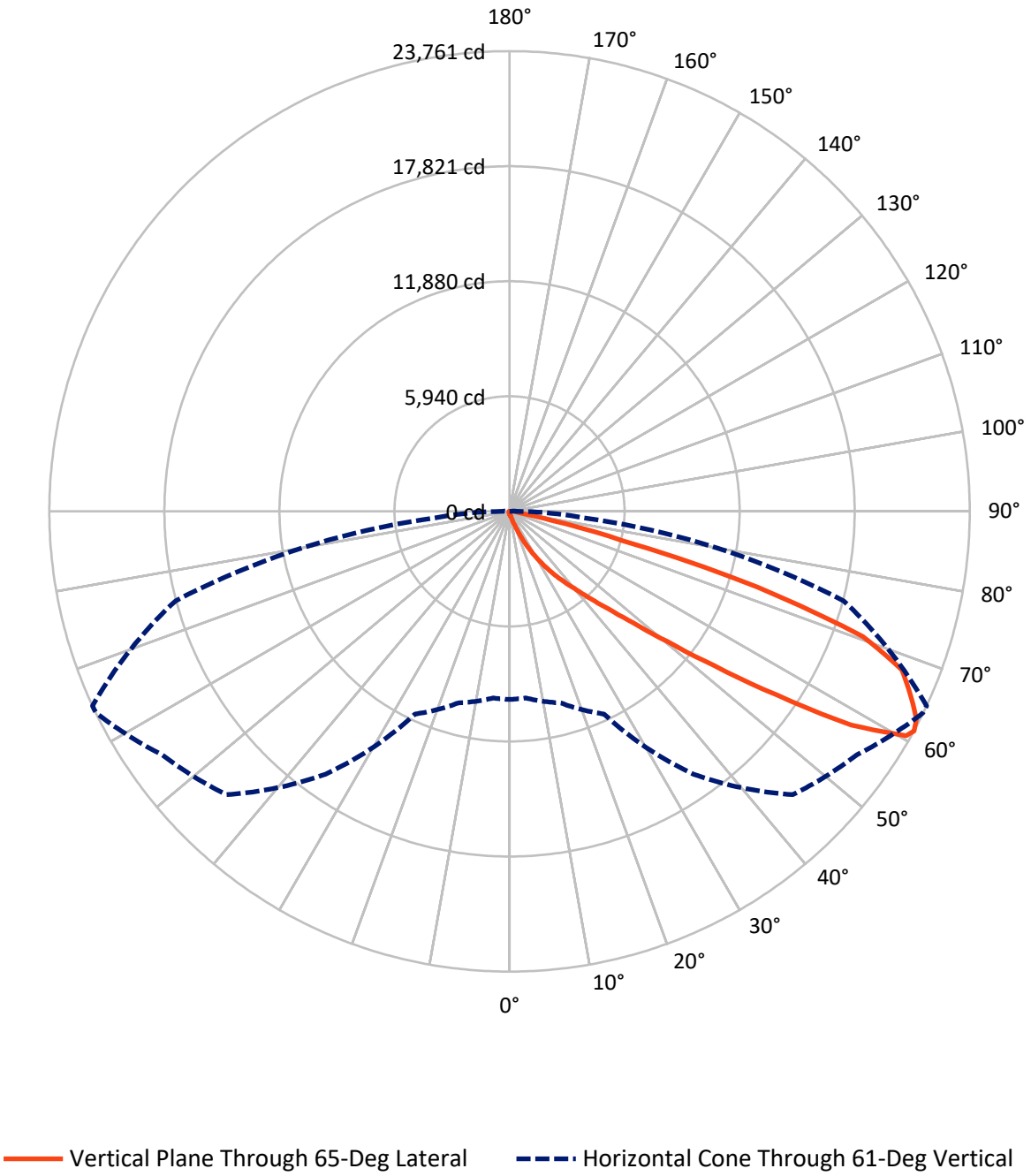
Luminous Intensity Polar Plot



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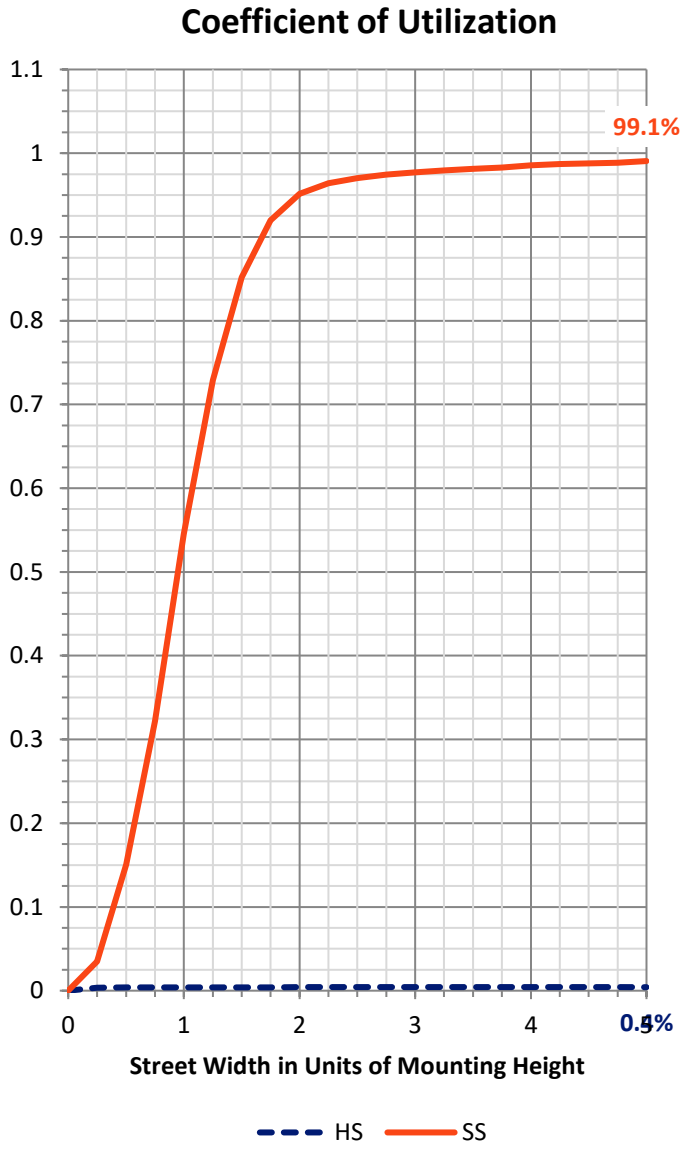
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	91.9	0.0	91.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21433.3	0.0	21433.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	21525.1	0.0	21525.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	0.1
10°-20°	177.0	0.8
20°-30°	635.2	3.0
30°-40°	1691.2	7.9
40°-50°	4442.9	20.6
50°-60°	6882.9	32.0
60°-70°	5771.2	26.8
70°-80°	1698.4	7.9
80°-90°	209.5	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°	21525.1	100.0
0°-180°	21525.1	100.0



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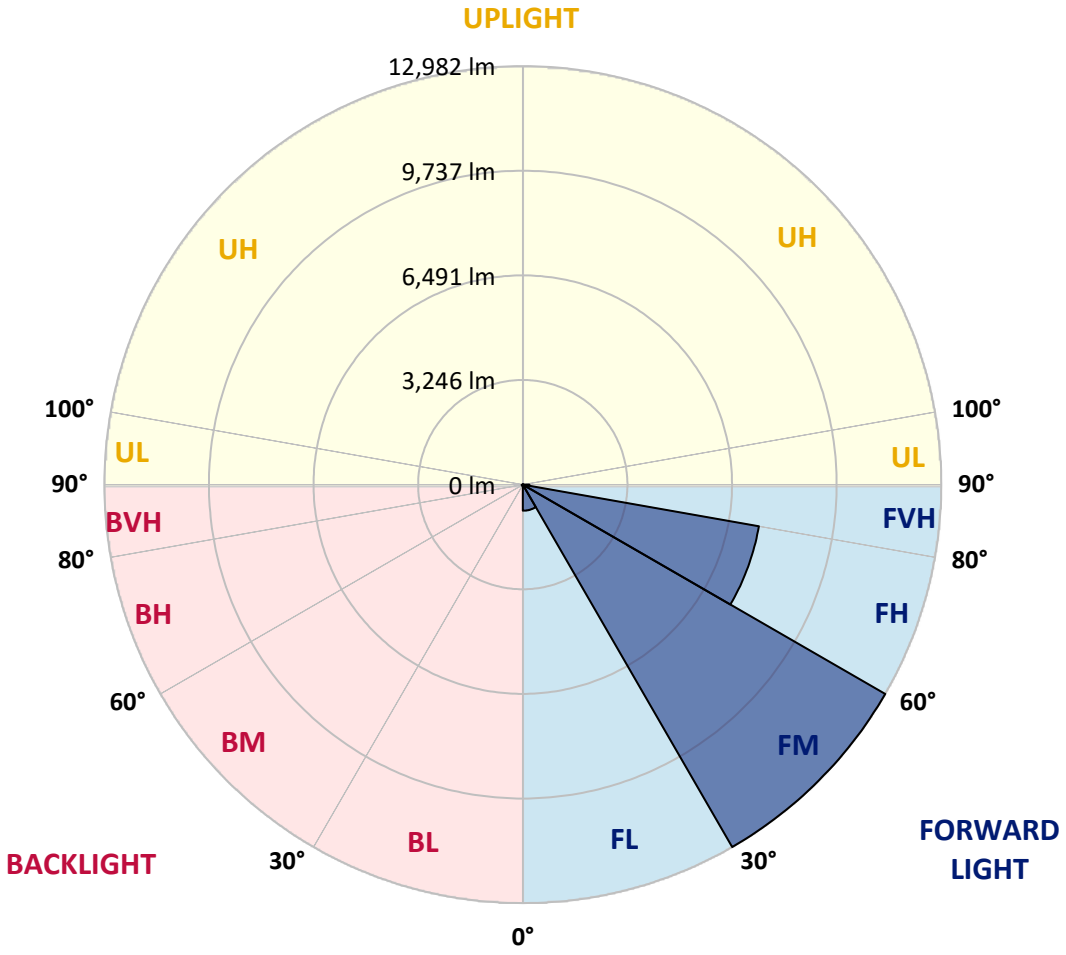
CATALOG NUMBER: GALN-SA7B-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	808.4	3.8			
FM	(30°-60°)	12982.1	60.3			
FH	(60°-80°)	7437.2	34.6			G3/7500
FVH	(80°-90°)	205.6	1.0			G2/225
BL	(0°-30°)	20.6	0.1	B0/110		
BM	(30°-60°)	35.0	0.2	B0/220		
BH	(60°-80°)	32.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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-G3
Type II Short



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REPORT NUMBER: P1048118
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	*131.8*	131.8	131.8
2.5°	159.9	161.4	158.4	152.5	148.1	148.1	146.6	142.1	*142.1*	137.7	134.7
5°	223.6	220.6	214.7	202.9	192.5	182.1	171.8	161.4	*159.9*	146.6	137.7
7.5°	365.7	368.7	349.4	312.4	281.3	241.4	204.3	182.1	*179.2*	157.0	139.2
10°	802.5	780.3	735.9	592.3	487.1	367.2	272.4	211.7	*208.8*	168.8	142.1
12.5°	1462.9	1445.2	1363.7	1215.7	944.7	657.4	398.3	262.1	*253.2*	179.2	143.6
15°	2108.5	2080.4	2036.0	1886.4	1569.5	1178.6	651.5	358.3	*334.6*	194.0	142.1
17.5°	2520.1	2524.6	2484.6	2420.9	2216.6	1744.3	1125.3	534.5	*488.6*	220.6	139.2
20°	2880.0	2869.6	2891.8	2857.7	2714.1	2370.6	1637.7	847.0	*768.5*	263.6	140.7
22.5°	3294.6	3319.7	3336.0	3328.6	3170.2	2877.0	2219.6	1267.5	*1168.3*	342.0	145.1
25°	3849.8	3846.9	3848.3	3829.1	3675.1	3349.3	2803.0	1790.2	*1689.5*	469.4	155.5
27.5°	4431.7	4449.5	4456.9	4387.3	4185.9	3866.1	3343.4	2361.7	*2243.3*	673.7	168.8
30°	5226.9	5212.1	5178.0	5035.9	4791.5	4394.7	3876.5	2961.4	*2837.0*	959.5	189.5
32.5°	6298.9	6282.6	6110.8	5796.9	5431.2	4945.5	4412.5	3562.6	*3411.5*	1316.3	217.7
35°	8065.4	8090.5	7668.5	6855.6	6199.7	5607.4	5006.2	4160.8	*4027.5*	1756.1	256.2
37.5°	10770.6	10632.9	10059.9	8623.6	7211.0	6433.6	5573.3	4764.9	*4649.4*	2298.0	306.5
40°	13398.8	13262.6	13096.8	11736.0	8968.6	7344.3	6367.0	5474.1	*5324.6*	2909.6	380.5
42.5°	16161.8	16086.3	16078.9	15052.8	12175.8	8776.1	7322.1	6304.8	*6177.5*	3580.3	502.0
45°	18119.3	18043.8	18202.2	18381.4	16543.8	11844.1	8984.9	7384.2	*7199.2*	4394.7	695.9
47.5°	18382.9	18385.8	18809.3	19370.5	19789.5	16589.7	11200.0	8814.6	*8589.5*	5560.0	1021.7
50°	17506.3	17540.4	18214.1	19218.0	20346.3	20571.3	15106.1	10890.5	*10557.4*	6941.5	1483.7
52.5°	15837.5	15876.0	16814.8	18465.8	19834.0	21527.9	19705.1	13606.1	*13222.6*	8665.0	2135.2
55°	14334.6	14358.3	15434.8	17521.1	19216.5	21008.1	22435.5	17232.4	*16728.9*	10785.4	2777.8
57.5°	12846.5	12791.8	13492.1	15880.5	19111.4	20370.0	22838.3	21365.0	*20809.7*	13102.7	3278.3
60°	10856.5	10764.7	11327.3	12846.5	17728.4	20789.0	22084.6	23651.2	*23525.3*	16329.1	3664.7
61°	*9711.9*	*9673.4*	*10239.0*	*11542.0*	*16564.6*	*20682.4*	*21904.0*	*23747.4*	*23760.8*	*17855.7*	*3838.0*
62.5°	6935.6	7045.2	7909.9	9603.8	13874.1	19990.9	21927.7	23449.8	*23581.6*	19884.3	4286.6
65°	3082.8	3259.0	3931.3	5309.8	8068.3	16629.7	21717.4	22796.8	*22731.7*	20441.0	5832.5
67.5°	1828.7	1855.3	2190.0	3008.8	4273.3	8944.9	19164.7	21933.6	*21846.2*	17795.0	7256.9
70°	1440.7	1454.0	1560.7	1887.9	2480.2	3426.3	10937.9	18976.6	*19357.2*	14429.4	7104.4
72.5°	1366.7	1363.7	1378.5	1436.3	1562.1	1699.8	4234.8	12614.1	*13388.5*	10391.5	5956.8
75°	1348.9	1343.0	1328.2	1306.0	1131.3	1001.0	1311.9	5579.3	*6027.9*	7099.9	4485.0
77.5°	1308.9	1310.4	1313.4	1252.7	969.9	707.8	635.2	1790.2	*2201.8*	4505.8	3187.9
80°	885.5	898.8	921.0	897.3	872.1	512.3	448.7	636.7	*645.6*	2529.0	2105.6
82.5°	448.7	448.7	438.3	390.9	337.6	333.2	356.8	462.0	*467.9*	1279.3	990.6
85°	271.0	285.8	291.7	265.0	242.8	223.6	272.4	367.2	*380.5*	496.0	231.0
87.5°	60.7	62.2	68.1	90.3	131.8	179.2	253.2	336.1	*342.0*	318.4	28.1
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-SA7B-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8
2.5°	133.3	130.3	128.8	124.4	119.9	115.5	112.5	111.1	112.5	114.0	114.0
5°	131.8	127.3	119.9	112.5	106.6	100.7	94.8	93.3	93.3	94.8	94.8
7.5°	131.8	124.4	114.0	105.1	96.2	87.4	82.9	80.0	81.4	81.4	81.4
10°	131.8	122.9	109.6	96.2	85.9	75.5	68.1	65.2	65.2	65.2	65.2
12.5°	130.3	121.4	105.1	88.8	74.0	62.2	53.3	48.9	50.3	50.3	50.3
15°	127.3	117.0	99.2	75.5	59.2	47.4	38.5	34.1	35.5	38.5	40.0
17.5°	122.9	112.5	88.8	63.7	47.4	35.5	26.7	23.7	25.2	29.6	29.6
20°	121.4	108.1	78.5	51.8	35.5	25.2	17.8	14.8	16.3	22.2	23.7
22.5°	121.4	105.1	71.1	42.9	26.7	16.3	10.4	5.9	5.9	10.4	10.4
25°	122.9	103.6	65.2	35.5	19.2	11.8	5.9	3.0	5.9	16.3	19.2
27.5°	125.9	102.2	62.2	29.6	14.8	10.4	4.4	10.4	17.8	17.8	17.8
30°	128.8	99.2	57.7	25.2	13.3	7.4	7.4	14.8	14.8	17.8	19.2
32.5°	133.3	97.7	54.8	22.2	10.4	5.9	10.4	8.9	8.9	10.4	11.8
35°	142.1	99.2	51.8	22.2	10.4	7.4	8.9	4.4	3.0	3.0	3.0
37.5°	154.0	100.7	47.4	19.2	8.9	8.9	4.4	0.0	0.0	0.0	0.0
40°	173.2	105.1	44.4	17.8	7.4	7.4	1.5	0.0	0.0	0.0	0.0
42.5°	205.8	114.0	42.9	16.3	7.4	5.9	0.0	0.0	0.0	0.0	0.0
45°	271.0	134.7	40.0	14.8	7.4	3.0	0.0	0.0	0.0	0.0	0.0
47.5°	389.4	183.6	38.5	11.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	568.6	248.8	37.0	10.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	725.5	262.1	25.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	743.3	180.6	19.2	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	592.3	117.0	16.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	448.7	88.8	14.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*430.9*	*80.0*	*14.8*	*1.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	475.3	69.6	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	772.9	57.7	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1343.0	50.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1696.9	47.4	8.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1479.2	42.9	8.9	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	889.9	37.0	8.9	5.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	466.4	28.1	8.9	7.4	4.4	1.5	0.0	0.0	0.0	0.0	0.0
80°	226.5	25.2	10.4	7.4	5.9	3.0	0.0	0.0	0.0	0.0	0.0
82.5°	88.8	20.7	11.8	10.4	7.4	4.4	1.5	0.0	0.0	0.0	0.0
85°	40.0	17.8	13.3	11.8	10.4	5.9	1.5	0.0	0.0	0.0	0.0
87.5°	20.7	16.3	14.8	13.3	10.4	7.4	3.0	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

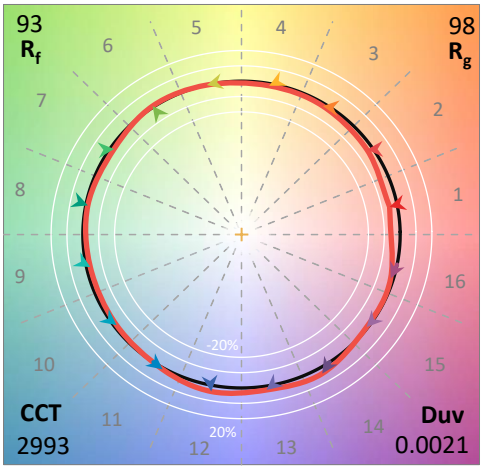
Test Information

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

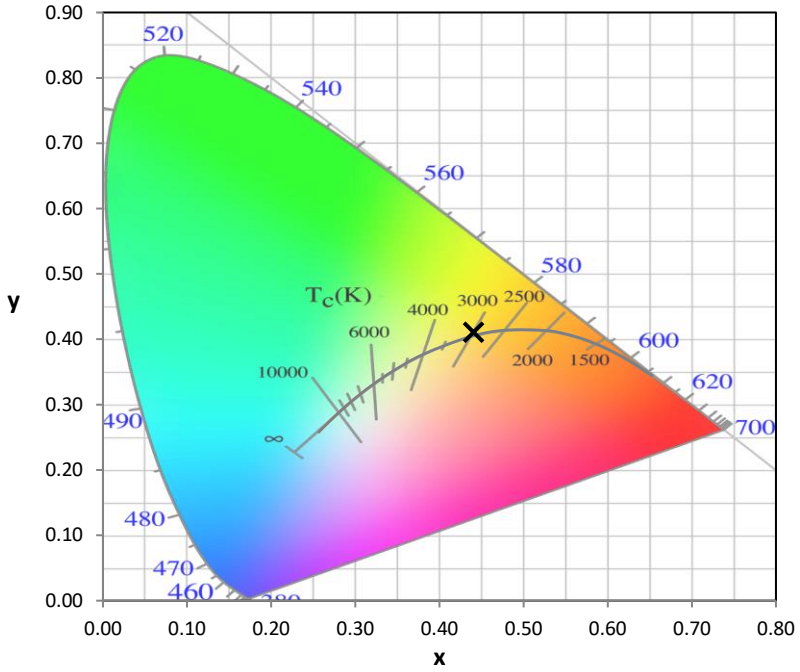
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

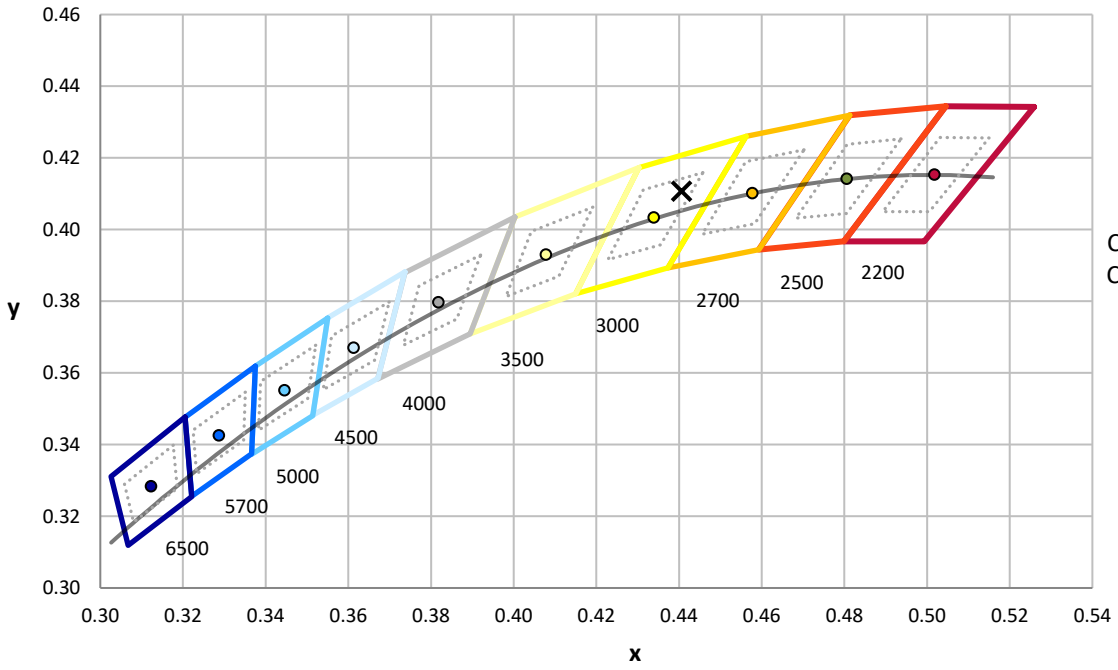
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

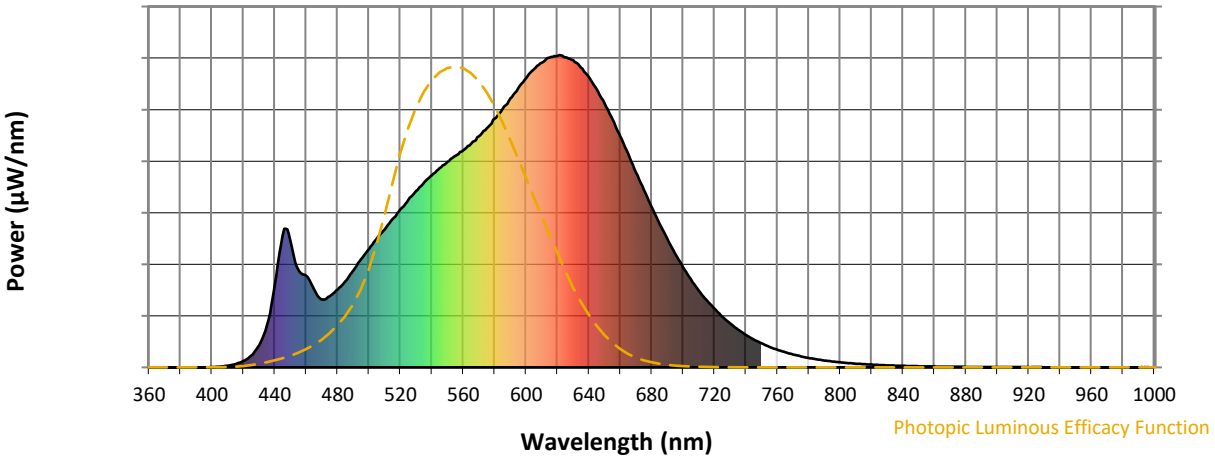


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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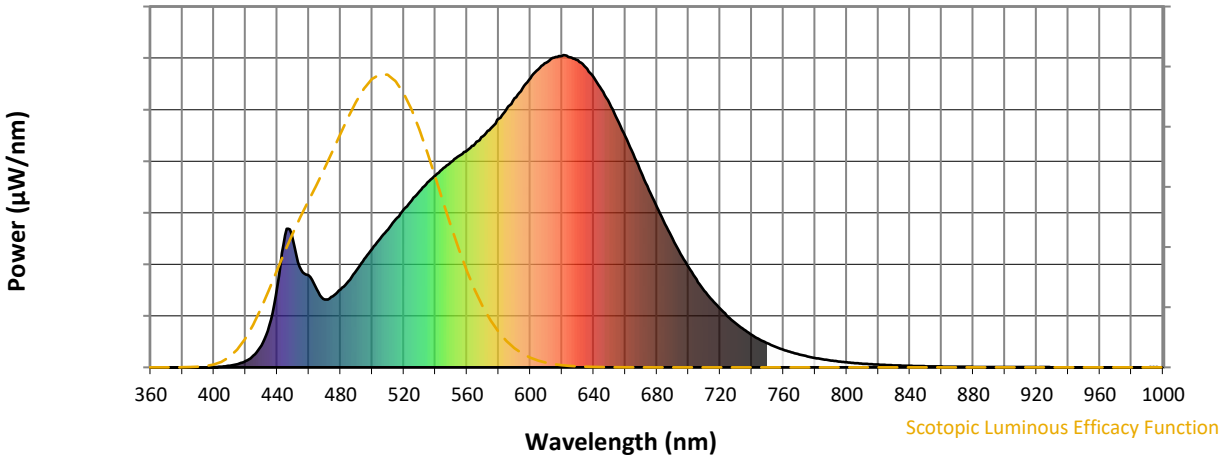
Scotopic Flux vs. Wavelength



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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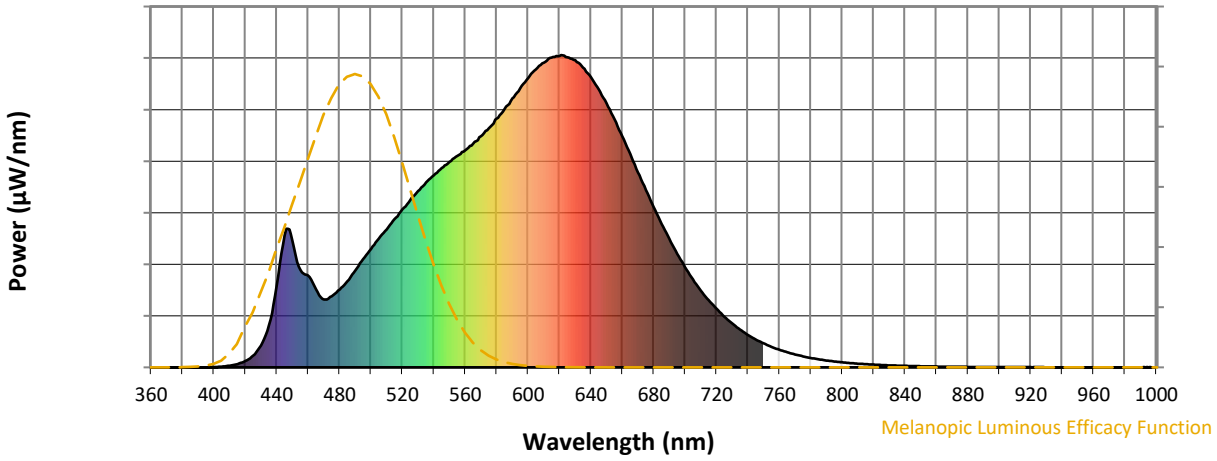
Melanopic Flux vs. Wavelength



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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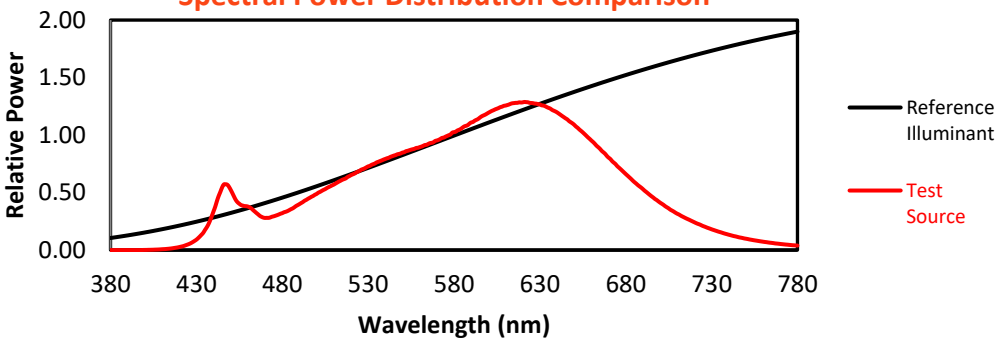
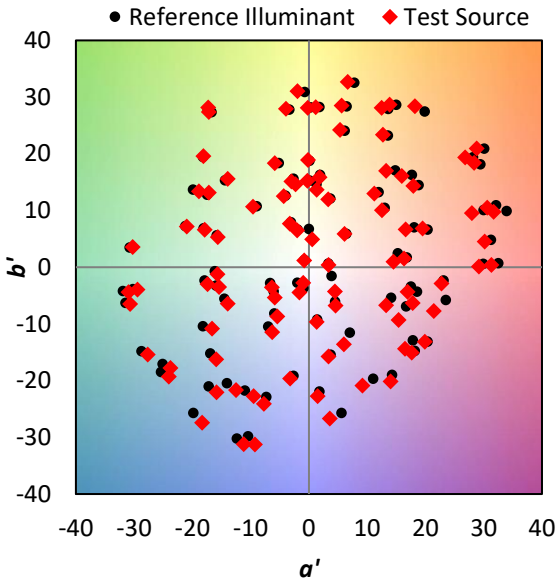
Summary

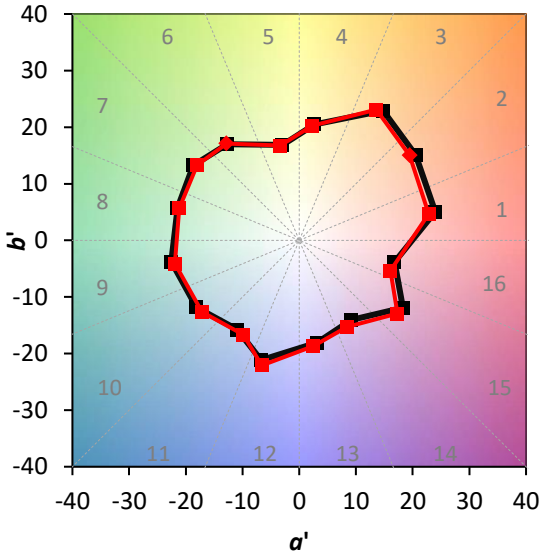
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

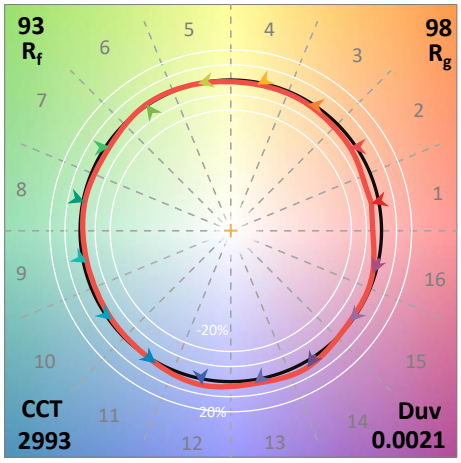
Spectral Power Distribution Comparison

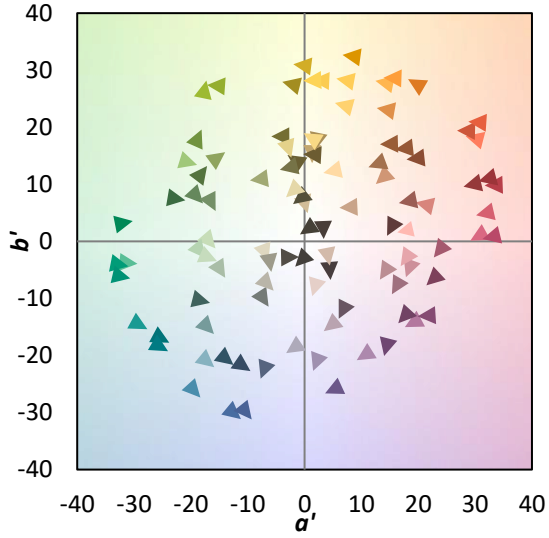


Color Vector Graphics









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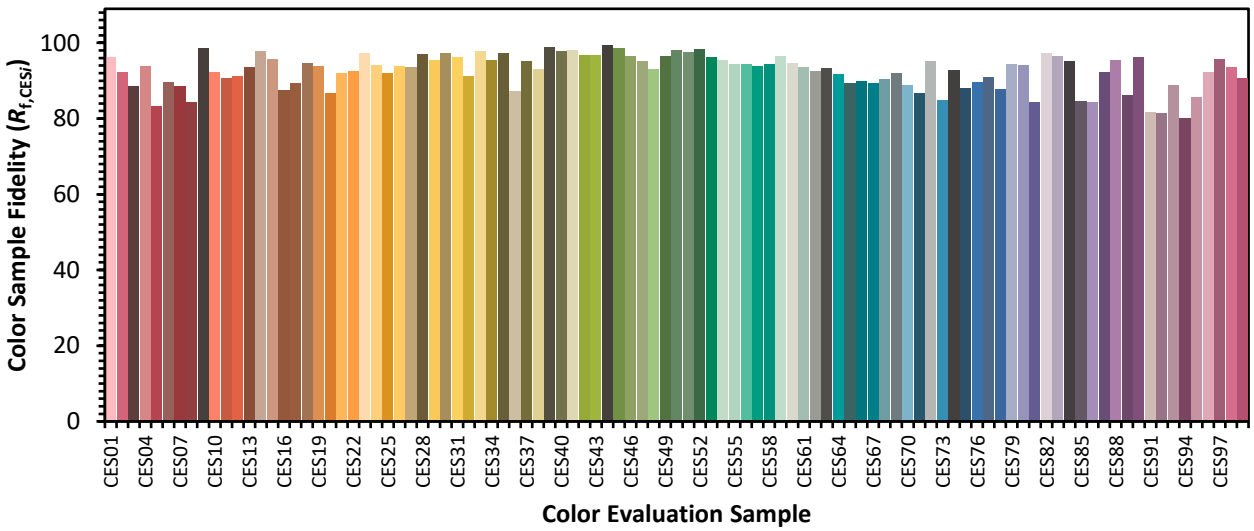
Individual Sample Fidelity Index ($R_{f,i}$)

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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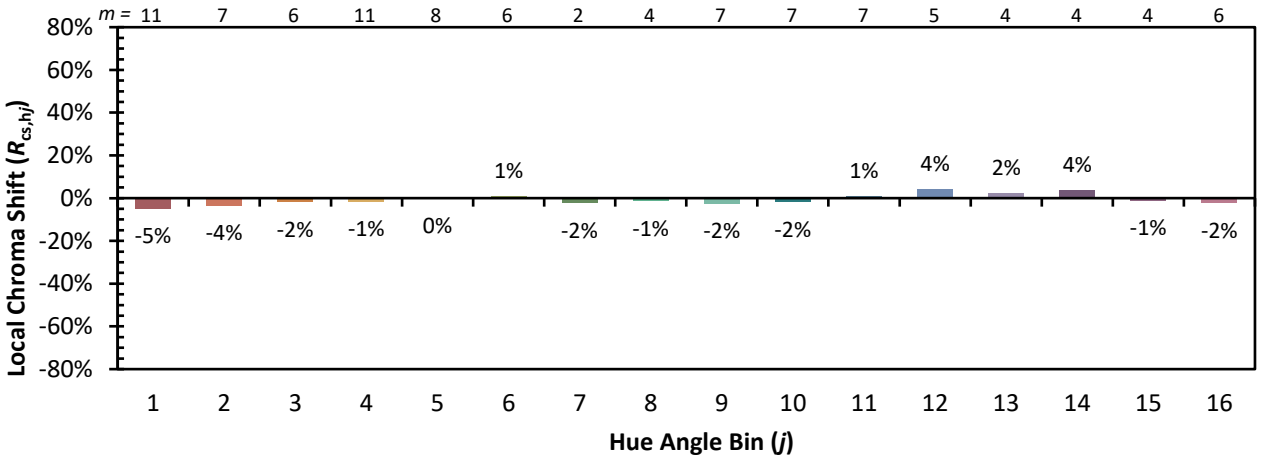
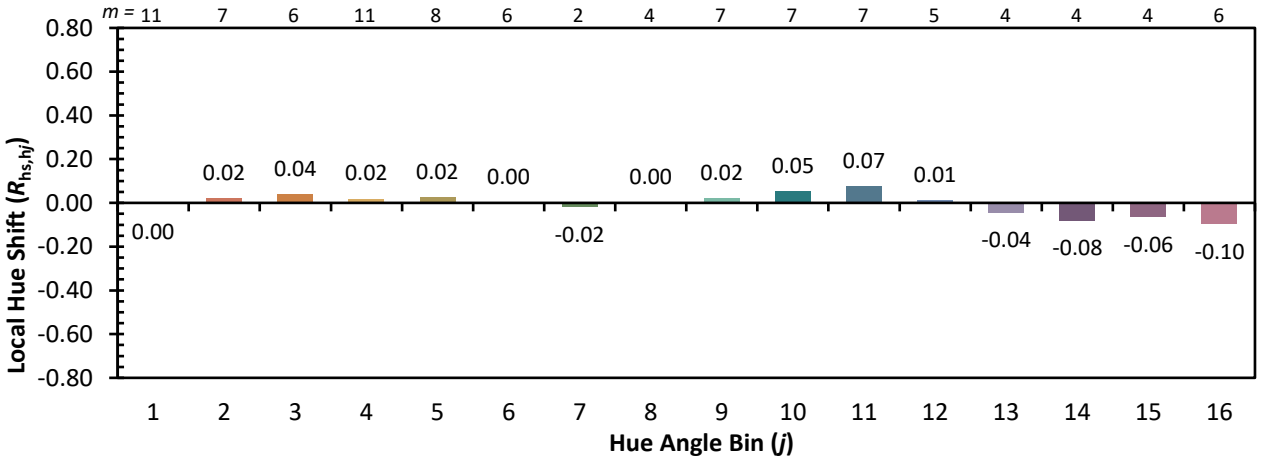
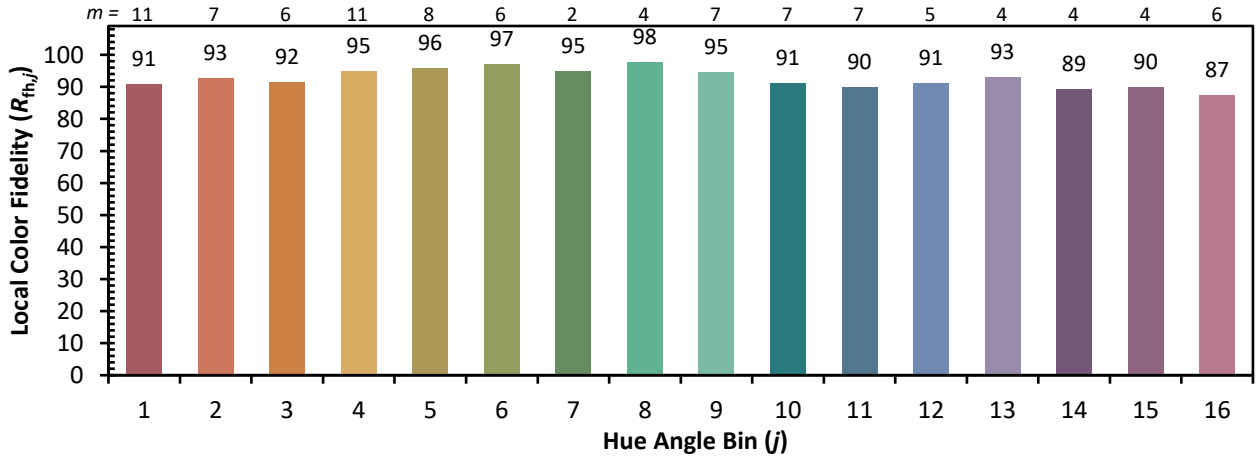
Color Rendition by Hue-Angle Bin







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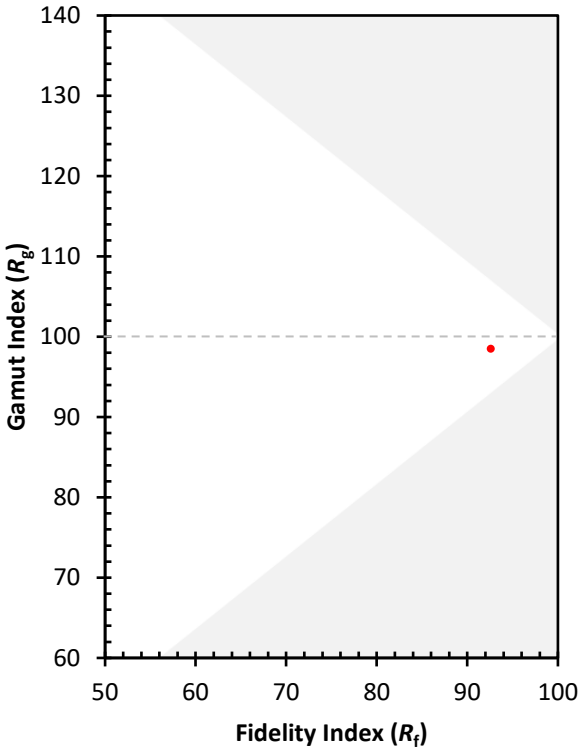
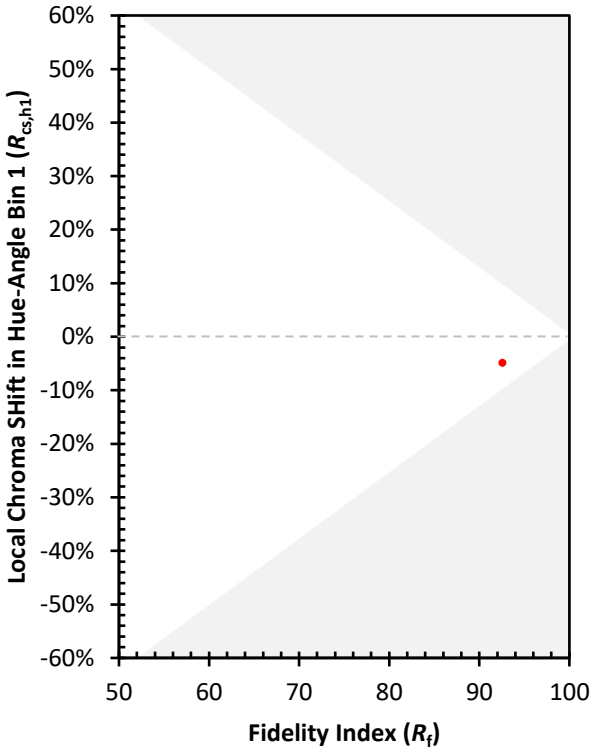
Measure Comparisons





(END OF REPORT)