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: P1048121

Luminaire Tested: **GALN-SA8A-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:	P1048121
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8A-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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:	19703.4 lumens
Efficiency:	N/A
Efficacy:	90.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	217.6
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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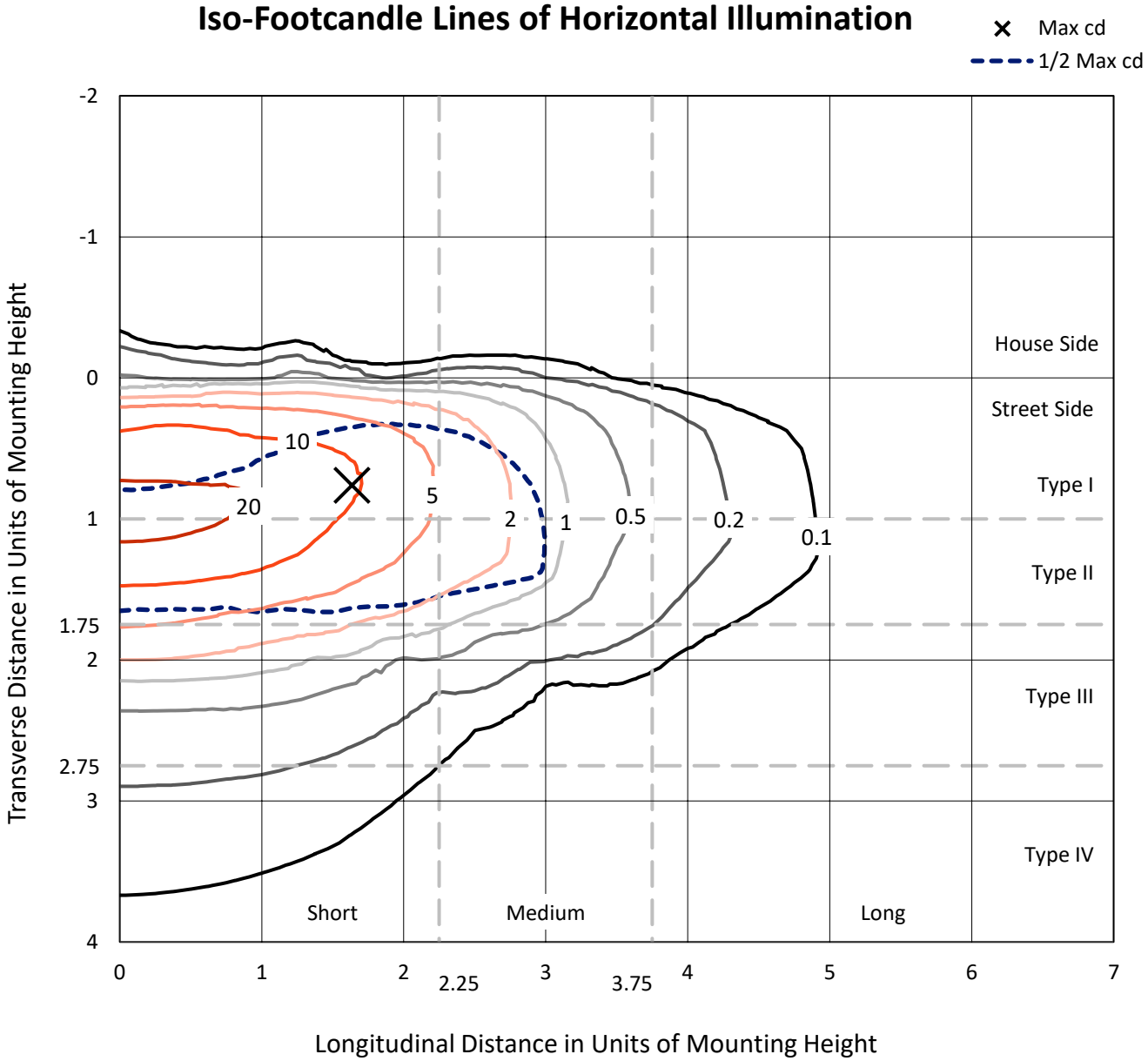
REPORT NUMBER: P1048121
CATALOG NUMBER: GALN-SA8A-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.1 fc
Type II - Short - N/A

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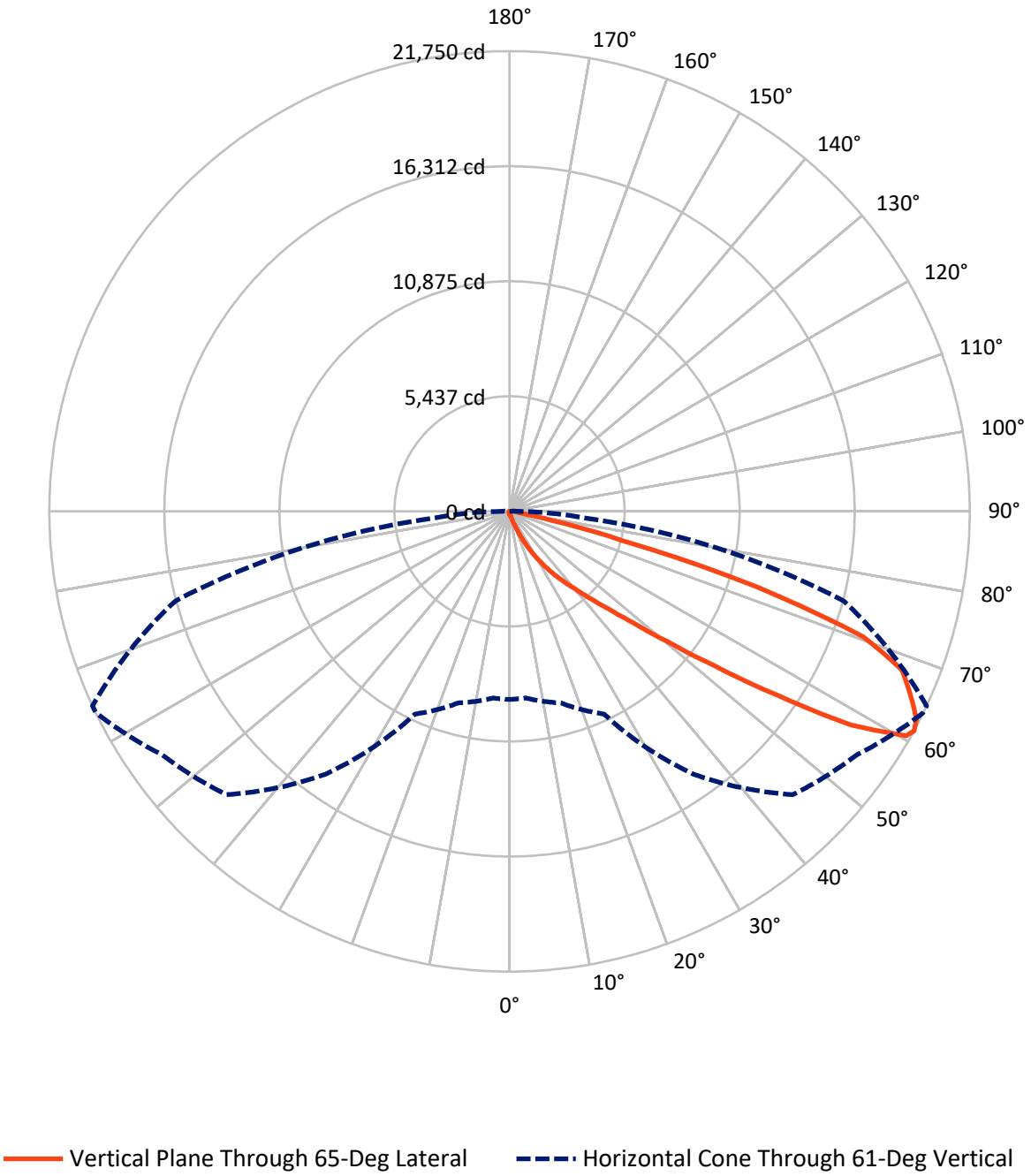
Luminous Intensity Polar Plot



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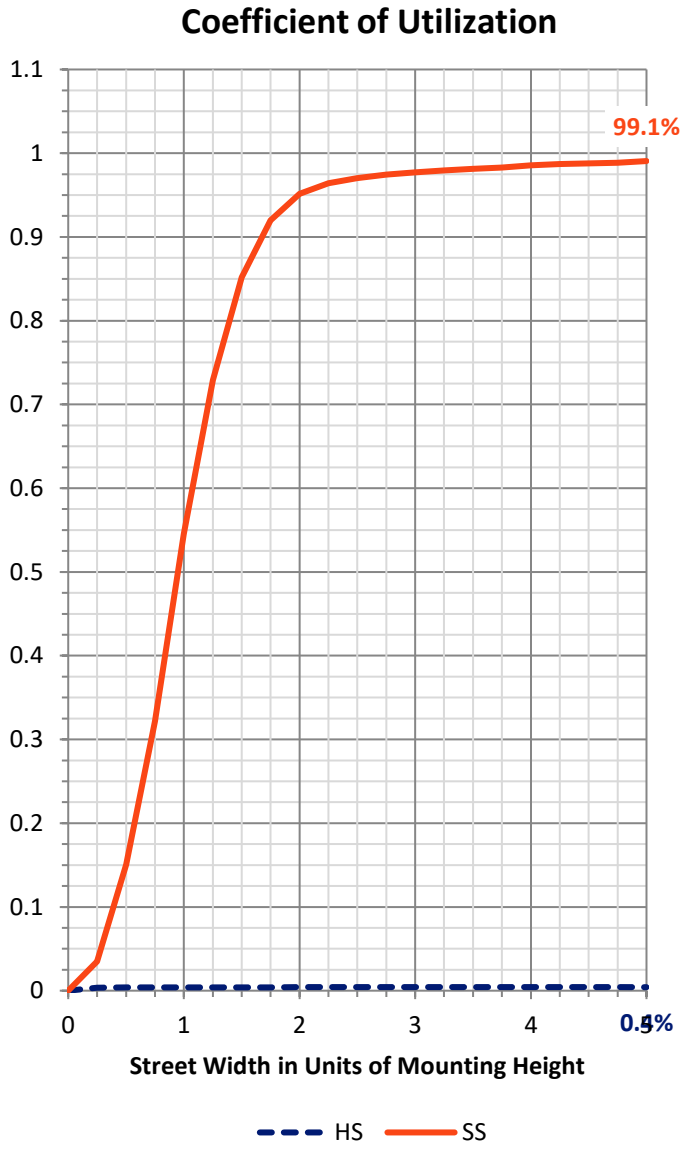
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	84.1	0.0	84.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19619.3	0.0	19619.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	19703.4	0.0	19703.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	0.1
10°-20°	162.0	0.8
20°-30°	581.5	3.0
30°-40°	1548.1	7.9
40°-50°	4066.9	20.6
50°-60°	6300.4	32.0
60°-70°	5282.8	26.8
70°-80°	1554.6	7.9
80°-90°	191.8	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°	19703.4	100.0
0°-180°	19703.4	100.0



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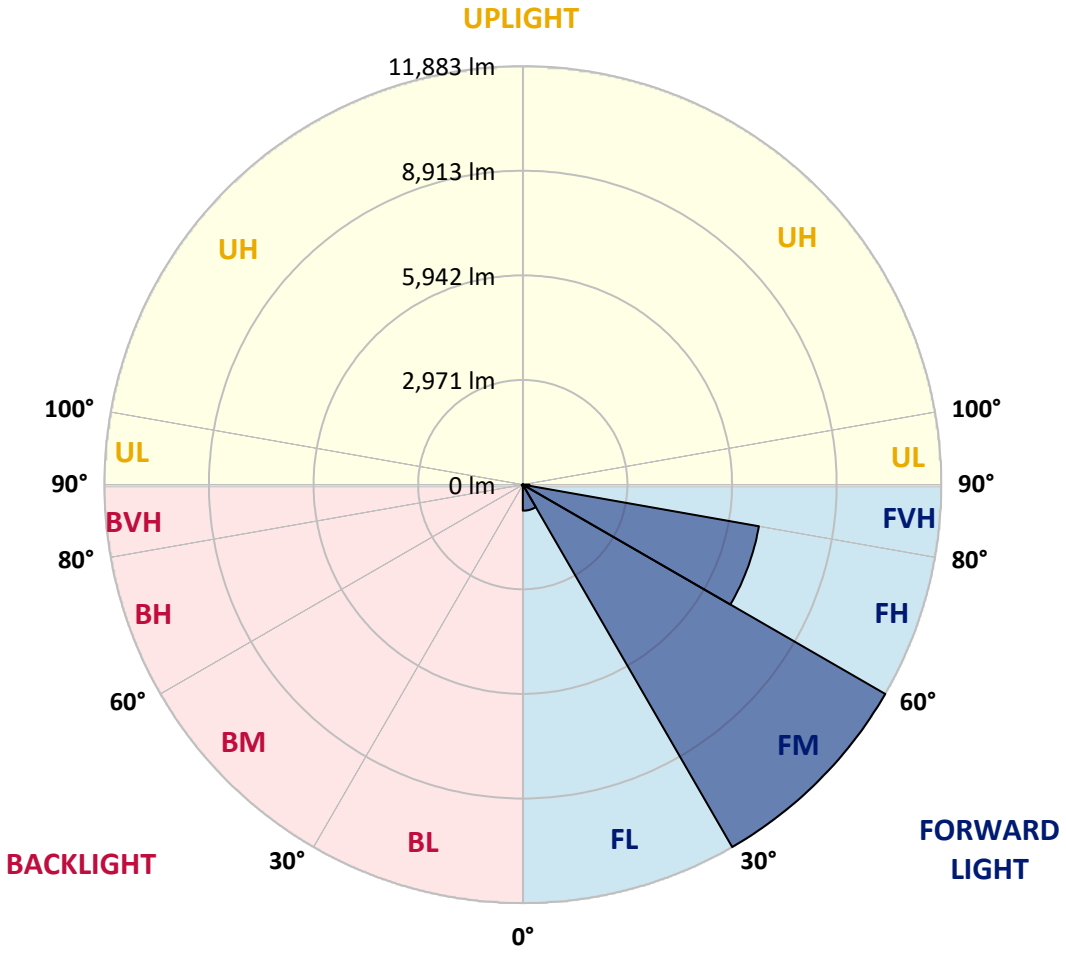
CATALOG NUMBER: GALN-SA8A-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	740.0	3.8			
FM	(30°-60°)	11883.4	60.3			
FH	(60°-80°)	6807.7	34.6			G3/7500
FVH	(80°-90°)	188.2	1.0			G2/225
BL	(0°-30°)	18.9	0.1	B0/110		
BM	(30°-60°)	32.0	0.2	B0/220		
BH	(60°-80°)	29.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	*120.6*	120.6	120.6
2.5°	146.4	147.7	145.0	139.6	135.5	135.5	134.2	130.1	*130.1*	126.1	123.3
5°	204.7	202.0	196.5	185.7	176.2	166.7	157.2	147.7	*146.4*	134.2	126.1
7.5°	334.8	337.5	319.9	286.0	257.5	220.9	187.0	166.7	*164.0*	143.7	127.4
10°	734.6	714.3	673.6	542.2	445.9	336.1	249.4	193.8	*191.1*	154.5	130.1
12.5°	1339.1	1322.9	1248.3	1112.8	864.7	601.8	364.6	239.9	*231.8*	164.0	131.5
15°	1930.1	1904.3	1863.7	1726.8	1436.7	1078.9	596.4	328.0	*306.3*	177.6	130.1
17.5°	2306.9	2310.9	2274.3	2216.1	2029.0	1596.6	1030.1	489.3	*447.3*	202.0	127.4
20°	2636.2	2626.7	2647.1	2615.9	2484.4	2170.0	1499.1	775.3	*703.4*	241.3	128.8
22.5°	3015.7	3038.8	3053.7	3046.9	2901.9	2633.5	2031.7	1160.2	*1069.4*	313.1	132.8
25°	3524.0	3521.3	3522.6	3505.0	3364.1	3065.9	2565.7	1638.7	*1546.5*	429.7	142.3
27.5°	4056.7	4072.9	4079.7	4016.0	3831.7	3538.9	3060.5	2161.8	*2053.4*	616.7	154.5
30°	4784.5	4771.0	4739.8	4609.7	4386.0	4022.8	3548.4	2710.8	*2596.9*	878.3	173.5
32.5°	5765.8	5750.9	5593.7	5306.3	4971.5	4527.0	4039.0	3261.1	*3122.8*	1204.9	199.2
35°	7382.8	7405.8	7019.5	6275.4	5675.0	5132.8	4582.6	3808.6	*3686.6*	1607.5	234.5
37.5°	9859.1	9733.0	9208.5	7893.8	6600.7	5889.1	5101.7	4361.6	*4255.9*	2103.6	280.6
40°	12264.9	12140.2	11988.4	10742.8	8209.6	6722.7	5828.2	5010.9	*4874.0*	2663.3	348.3
42.5°	14794.0	14724.9	14718.1	13778.8	11145.3	8033.4	6702.4	5771.2	*5654.7*	3277.3	459.5
45°	16585.8	16516.7	16661.7	16825.7	15143.7	10841.7	8224.5	6759.3	*6589.9*	4022.8	637.0
47.5°	16827.1	16829.8	17217.4	17731.1	18114.7	15185.7	10252.1	8068.6	*7862.6*	5089.5	935.2
50°	16024.7	16055.9	16672.6	17591.5	18624.3	18830.3	13827.6	9968.8	*9663.9*	6354.0	1358.1
52.5°	14497.2	14532.4	15391.7	16903.0	18155.4	19705.9	18037.4	12454.6	*12103.6*	7931.7	1954.5
55°	13121.5	13143.2	14128.5	16038.3	17590.2	19230.2	20536.8	15774.0	*15313.1*	9872.6	2542.7
57.5°	11759.3	11709.2	12350.3	14536.5	17493.9	18646.0	20905.4	19556.8	*19048.6*	11993.8	3000.8
60°	9937.7	9853.6	10368.7	11759.3	16228.0	19029.6	20215.6	21649.5	*21534.3*	14947.2	3354.6
61°	*8890.0*	*8854.7*	*9372.5*	*10565.2*	*15162.7*	*18932.0*	*20050.2*	*21737.6*	*21749.8*	*16344.6*	*3513.2*
62.5°	6348.6	6448.9	7240.5	8791.0	12699.9	18299.0	20071.9	21465.2	*21585.8*	18201.5	3923.8
65°	2821.9	2983.2	3598.5	4860.4	7385.5	15222.3	19879.4	20867.5	*20807.9*	18711.1	5338.9
67.5°	1673.9	1698.3	2004.6	2754.1	3911.6	8187.9	17542.7	20077.3	*19997.3*	16289.0	6642.7
70°	1318.8	1331.0	1428.6	1728.1	2270.3	3136.4	10012.2	17370.6	*17718.9*	13208.2	6503.1
72.5°	1251.0	1248.3	1261.9	1314.7	1429.9	1556.0	3876.4	11546.5	*12255.4*	9512.1	5452.7
75°	1234.8	1229.3	1215.8	1195.4	1035.5	916.2	1200.9	5107.1	*5517.8*	6499.1	4105.5
77.5°	1198.2	1199.5	1202.2	1146.7	887.8	647.9	581.5	1638.7	*2015.5*	4124.4	2918.1
80°	810.5	822.7	843.0	821.4	798.3	469.0	410.7	582.8	*590.9*	2315.0	1927.4
82.5°	410.7	410.7	401.2	357.8	309.0	305.0	326.6	422.9	*428.3*	1171.1	906.8
85°	248.0	261.6	267.0	242.6	222.3	204.7	249.4	336.1	*348.3*	454.1	211.4
87.5°	55.6	56.9	62.3	82.7	120.6	164.0	231.8	307.7	*313.1*	291.4	25.8
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-SA8A-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6
2.5°	122.0	119.3	117.9	113.9	109.8	105.7	103.0	101.7	103.0	104.4	104.4
5°	120.6	116.6	109.8	103.0	97.6	92.2	86.7	85.4	85.4	86.7	86.7
7.5°	120.6	113.9	104.4	96.2	88.1	80.0	75.9	73.2	74.5	74.5	74.5
10°	120.6	112.5	100.3	88.1	78.6	69.1	62.3	59.6	59.6	59.6	59.6
12.5°	119.3	111.1	96.2	81.3	67.8	56.9	48.8	44.7	46.1	46.1	46.1
15°	116.6	107.1	90.8	69.1	54.2	43.4	35.2	31.2	32.5	35.2	36.6
17.5°	112.5	103.0	81.3	58.3	43.4	32.5	24.4	21.7	23.0	27.1	27.1
20°	111.1	98.9	71.8	47.4	32.5	23.0	16.3	13.6	14.9	20.3	21.7
22.5°	111.1	96.2	65.1	39.3	24.4	14.9	9.5	5.4	5.4	9.5	9.5
25°	112.5	94.9	59.6	32.5	17.6	10.8	5.4	2.7	5.4	14.9	17.6
27.5°	115.2	93.5	56.9	27.1	13.6	9.5	4.1	9.5	16.3	16.3	16.3
30°	117.9	90.8	52.9	23.0	12.2	6.8	6.8	13.6	13.6	16.3	17.6
32.5°	122.0	89.5	50.1	20.3	9.5	5.4	9.5	8.1	8.1	9.5	10.8
35°	130.1	90.8	47.4	20.3	9.5	6.8	8.1	4.1	2.7	2.7	2.7
37.5°	141.0	92.2	43.4	17.6	8.1	8.1	4.1	0.0	0.0	0.0	0.0
40°	158.6	96.2	40.7	16.3	6.8	6.8	1.4	0.0	0.0	0.0	0.0
42.5°	188.4	104.4	39.3	14.9	6.8	5.4	0.0	0.0	0.0	0.0	0.0
45°	248.0	123.3	36.6	13.6	6.8	2.7	0.0	0.0	0.0	0.0	0.0
47.5°	356.5	168.1	35.2	10.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	520.5	227.7	33.9	9.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	664.1	239.9	23.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	680.4	165.4	17.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	542.2	107.1	14.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	410.7	81.3	13.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*394.4*	*73.2*	*13.6*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	435.1	63.7	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	707.5	52.9	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1229.3	46.1	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1553.3	43.4	8.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1354.0	39.3	8.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	814.6	33.9	8.1	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	426.9	25.8	8.1	6.8	4.1	1.4	0.0	0.0	0.0	0.0	0.0
80°	207.4	23.0	9.5	6.8	5.4	2.7	0.0	0.0	0.0	0.0	0.0
82.5°	81.3	19.0	10.8	9.5	6.8	4.1	1.4	0.0	0.0	0.0	0.0
85°	36.6	16.3	12.2	10.8	9.5	5.4	1.4	0.0	0.0	0.0	0.0
87.5°	19.0	14.9	13.6	12.2	9.5	6.8	2.7	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

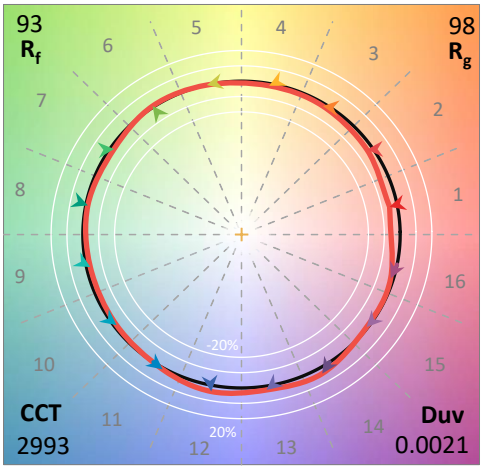
Test Information

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

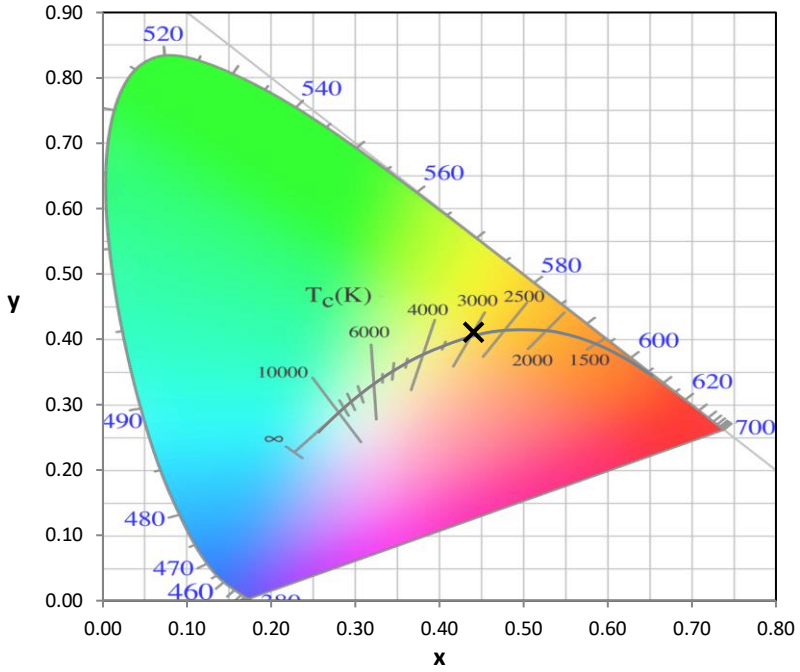
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

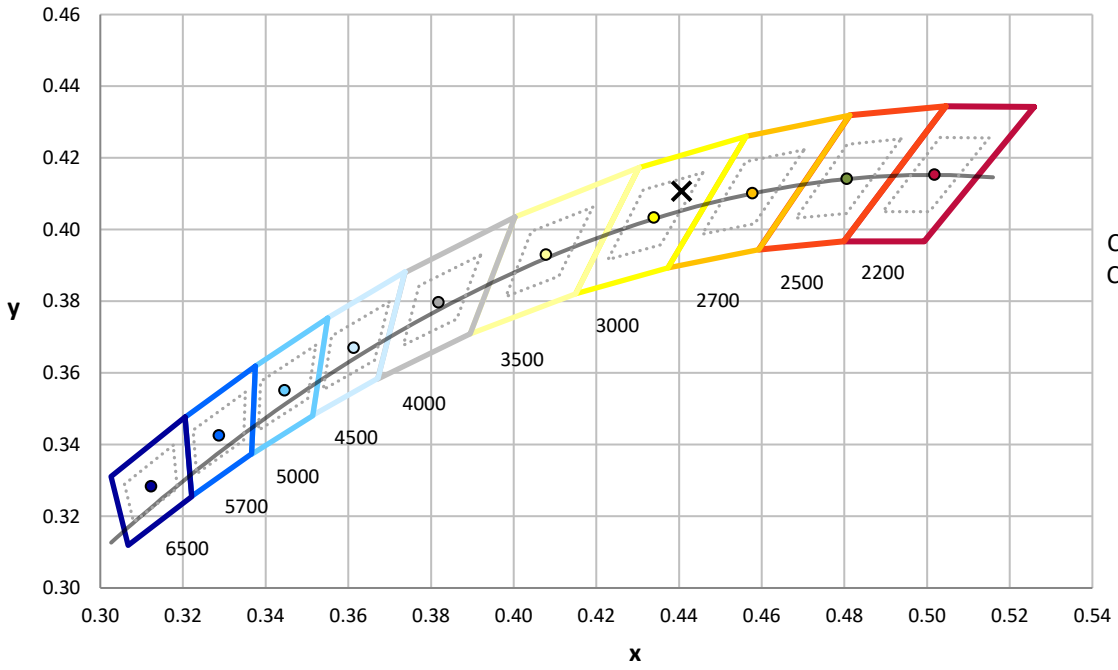
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

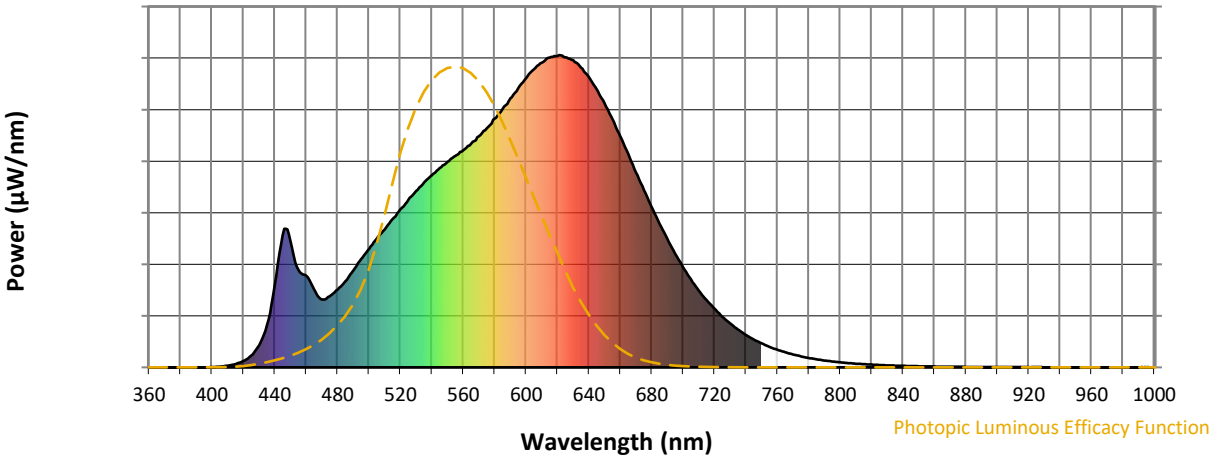


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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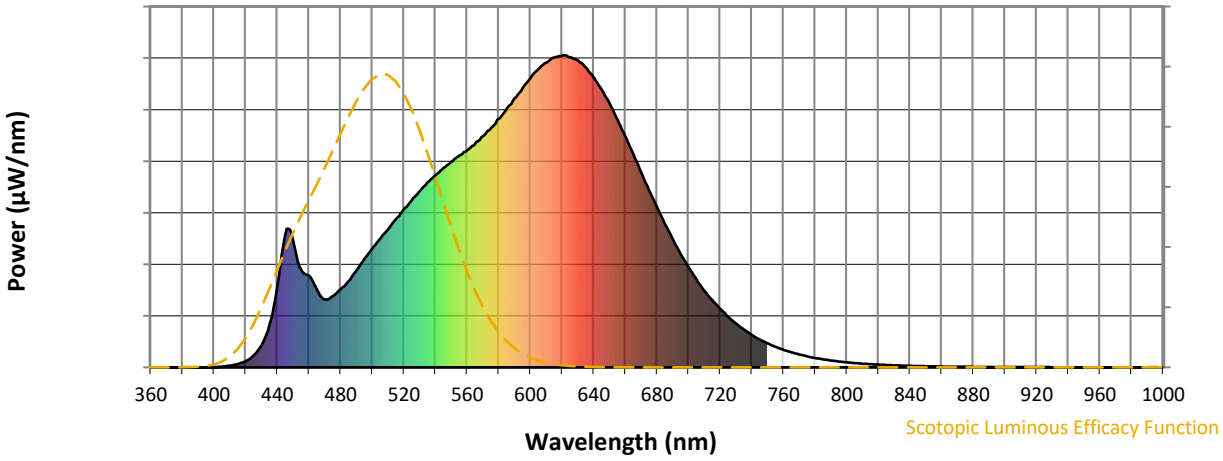
Scotopic Flux vs. Wavelength



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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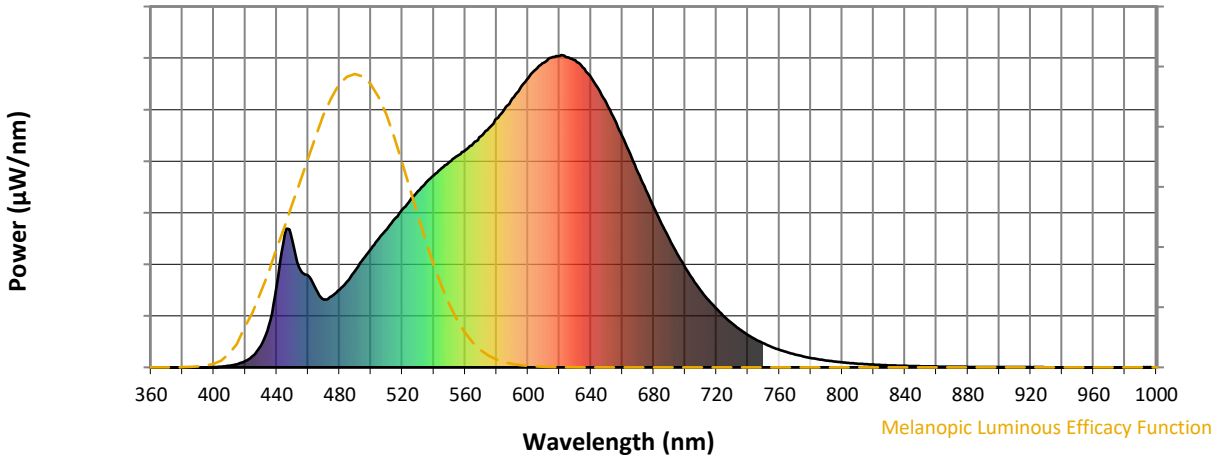
Melanopic Flux vs. Wavelength



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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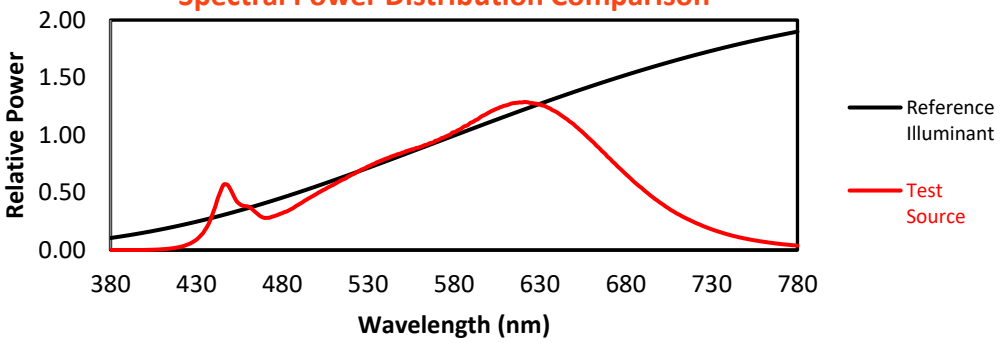
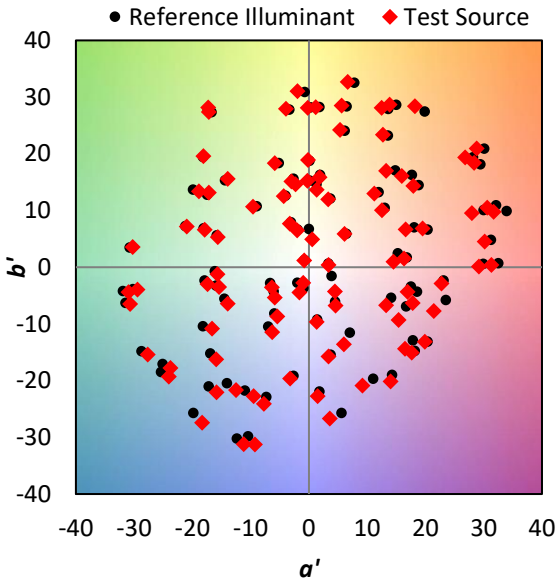
Summary

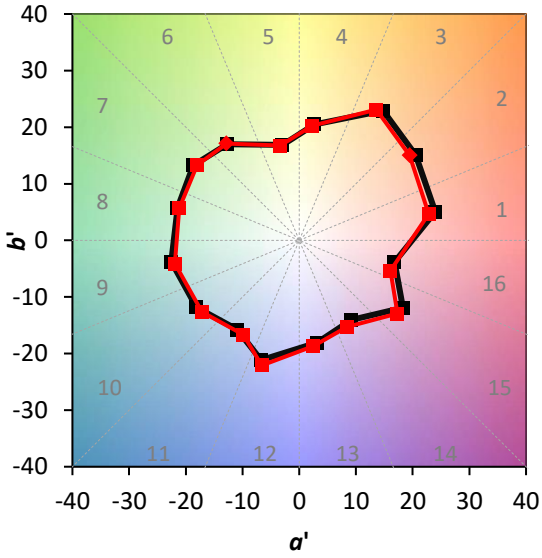
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

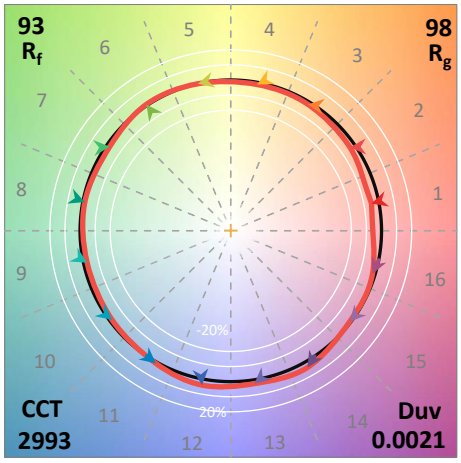
Spectral Power Distribution Comparison

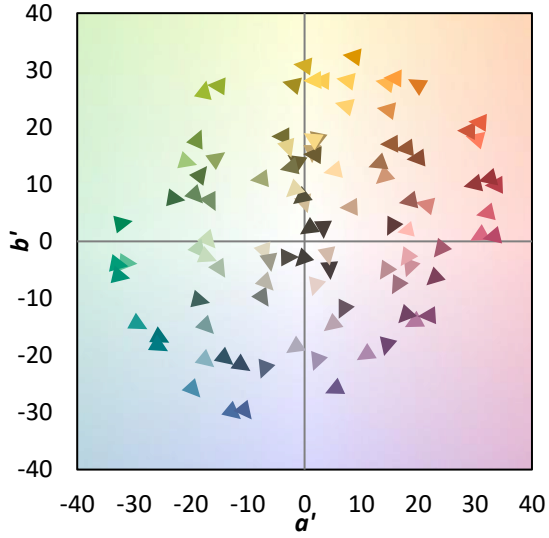


Color Vector Graphics









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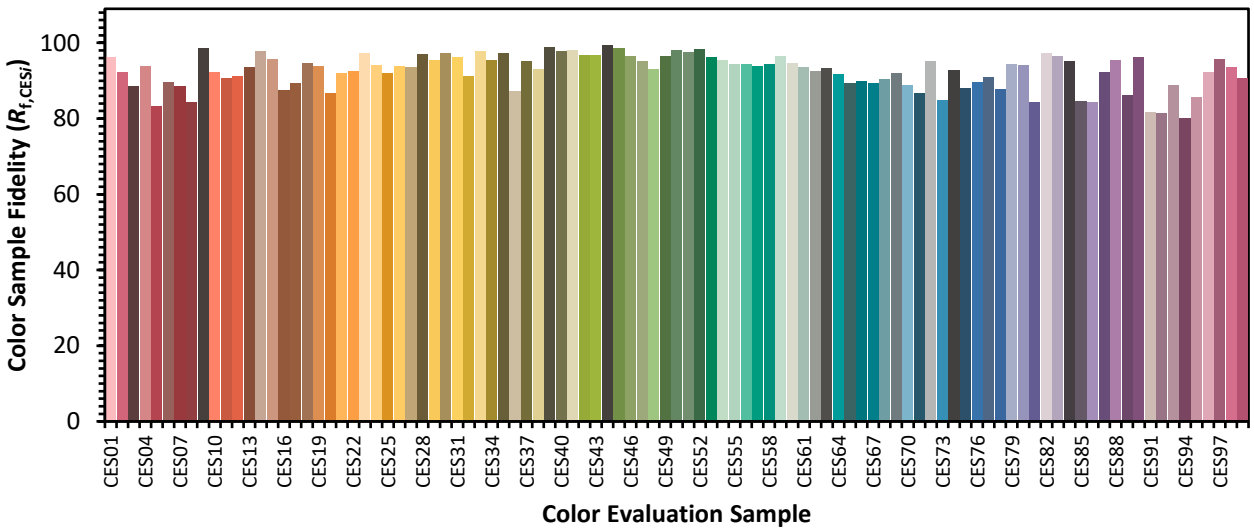
Individual Sample Fidelity Index ($R_{f,i}$)

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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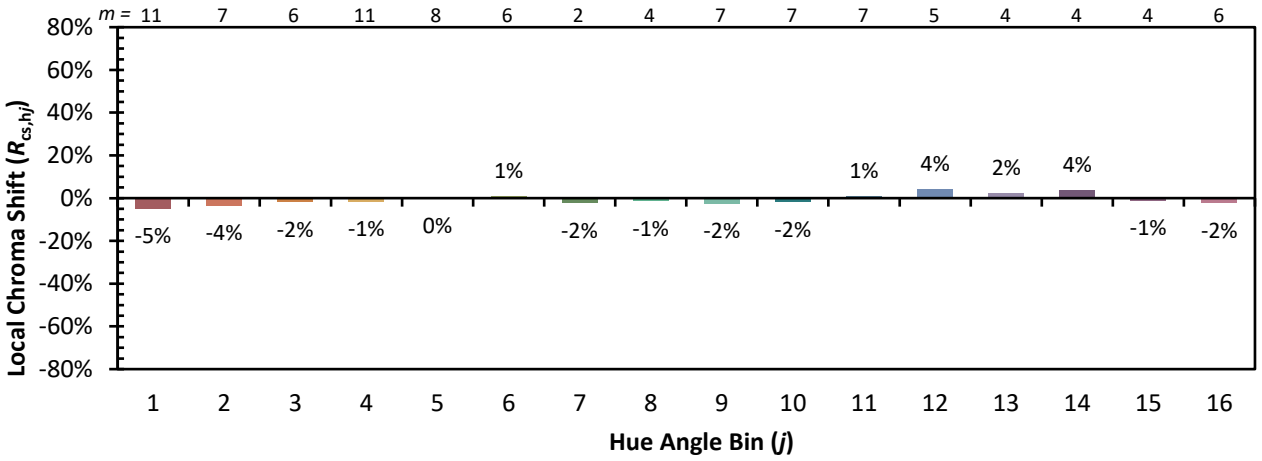
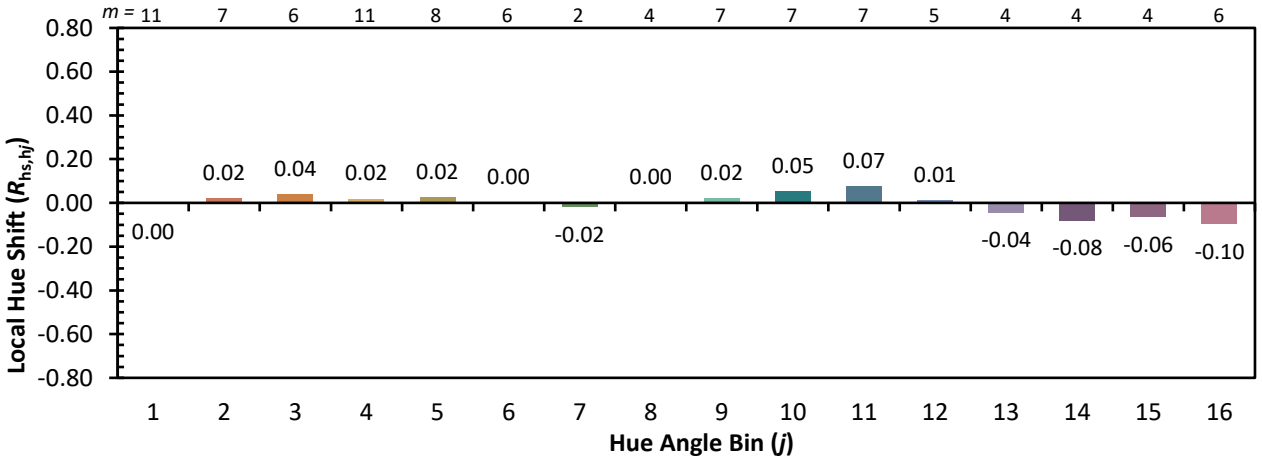
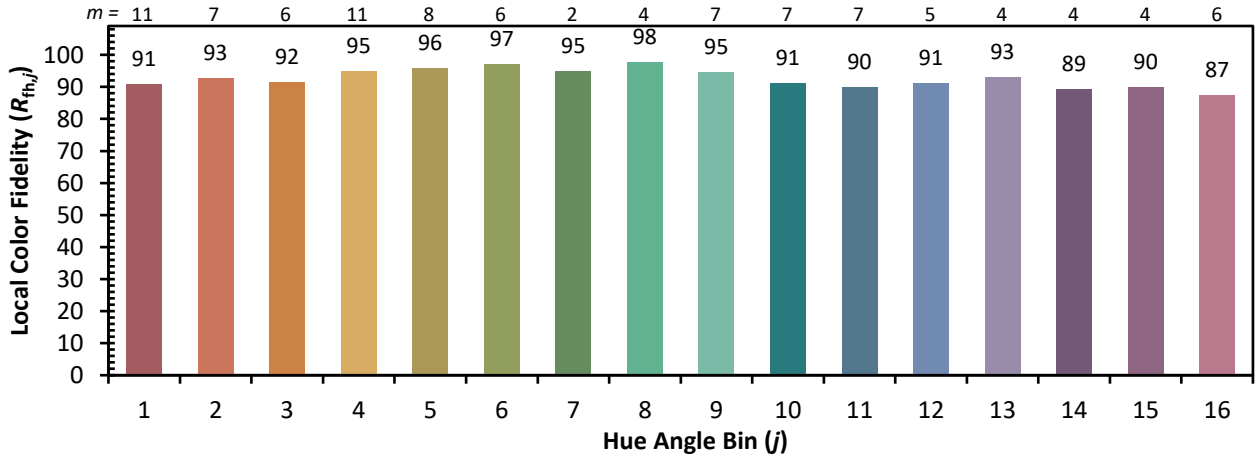
Color Rendition by Hue-Angle Bin







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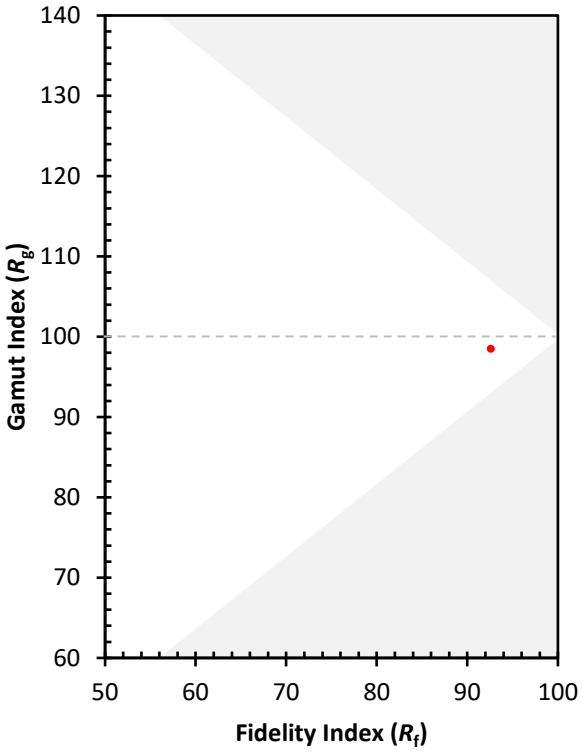
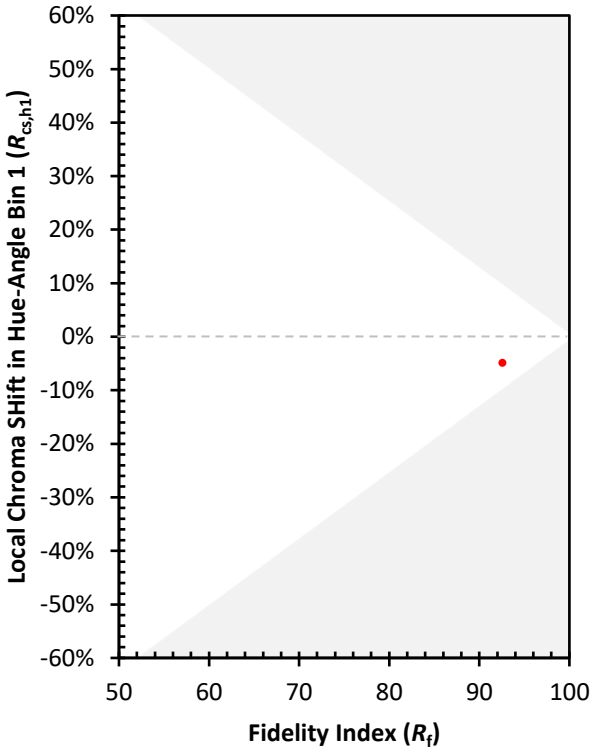
Measure Comparisons





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