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: P1048111

Luminaire Tested: **GALN-SA5C-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:	P1048111
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5C-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19085.2 lumens
Efficiency:	N/A
Efficacy:	80.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	236
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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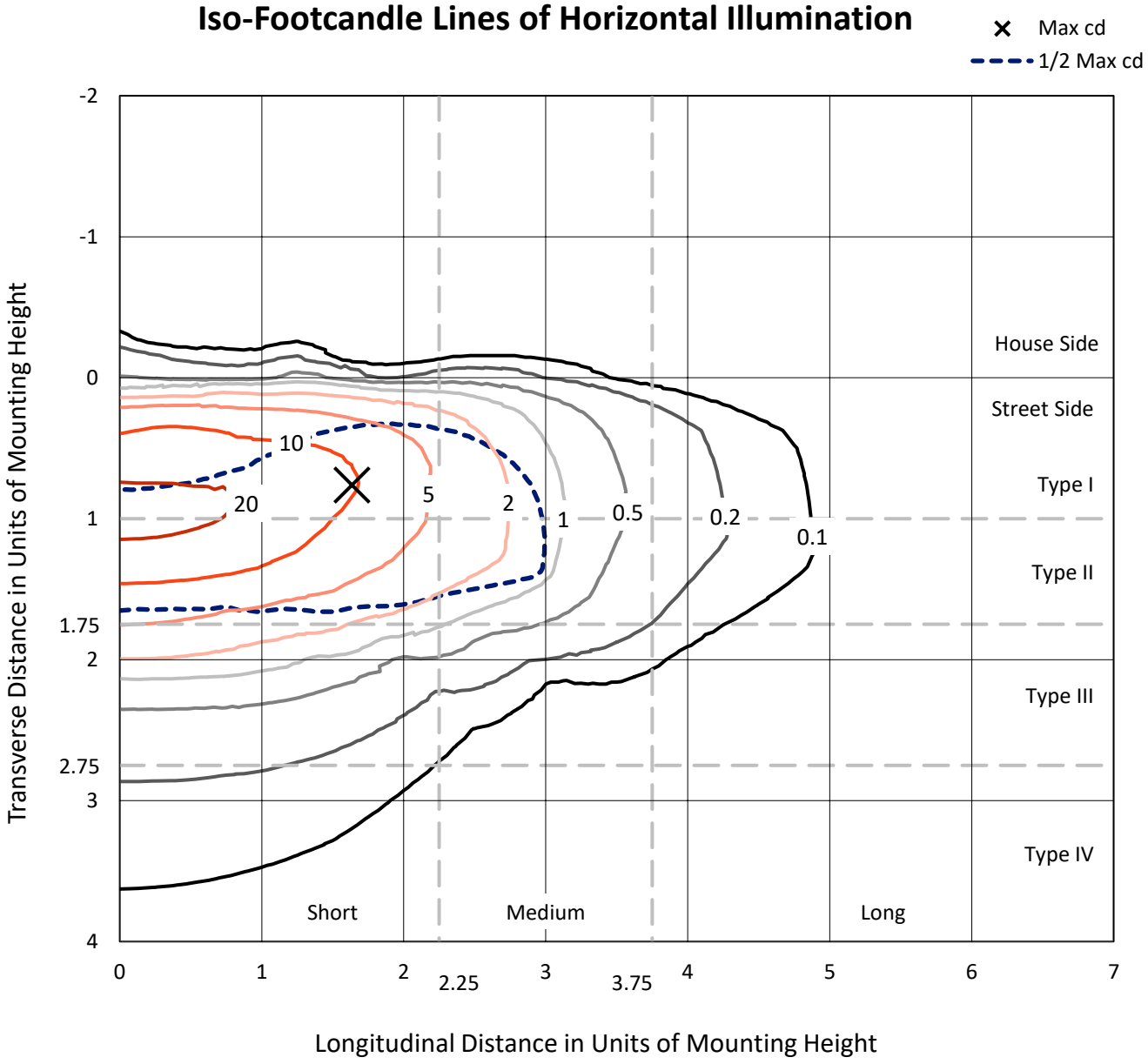
REPORT NUMBER: P1048111
CATALOG NUMBER: GALN-SA5C-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 25.2 fc
Type II - Short - N/A

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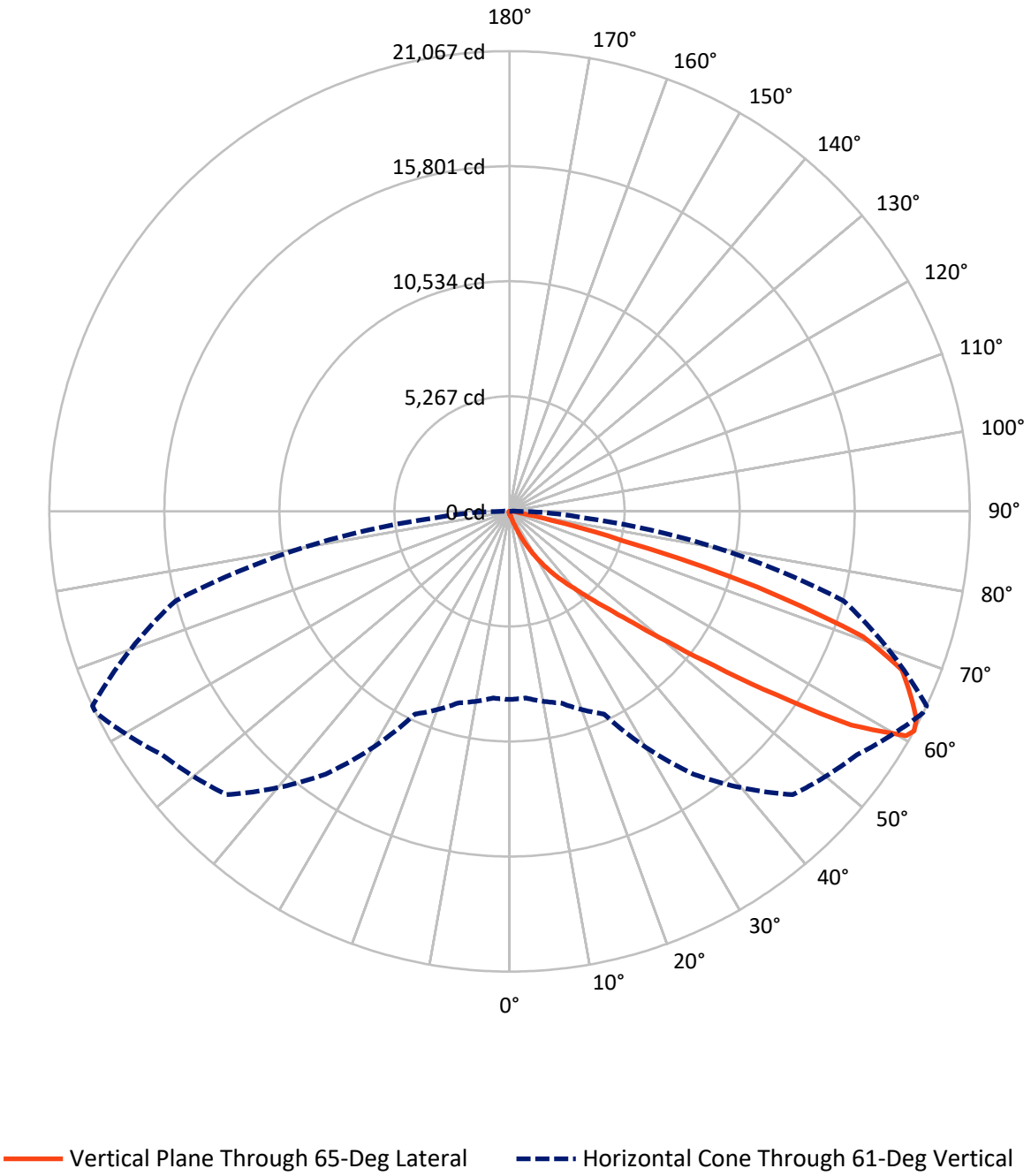
Luminous Intensity Polar Plot



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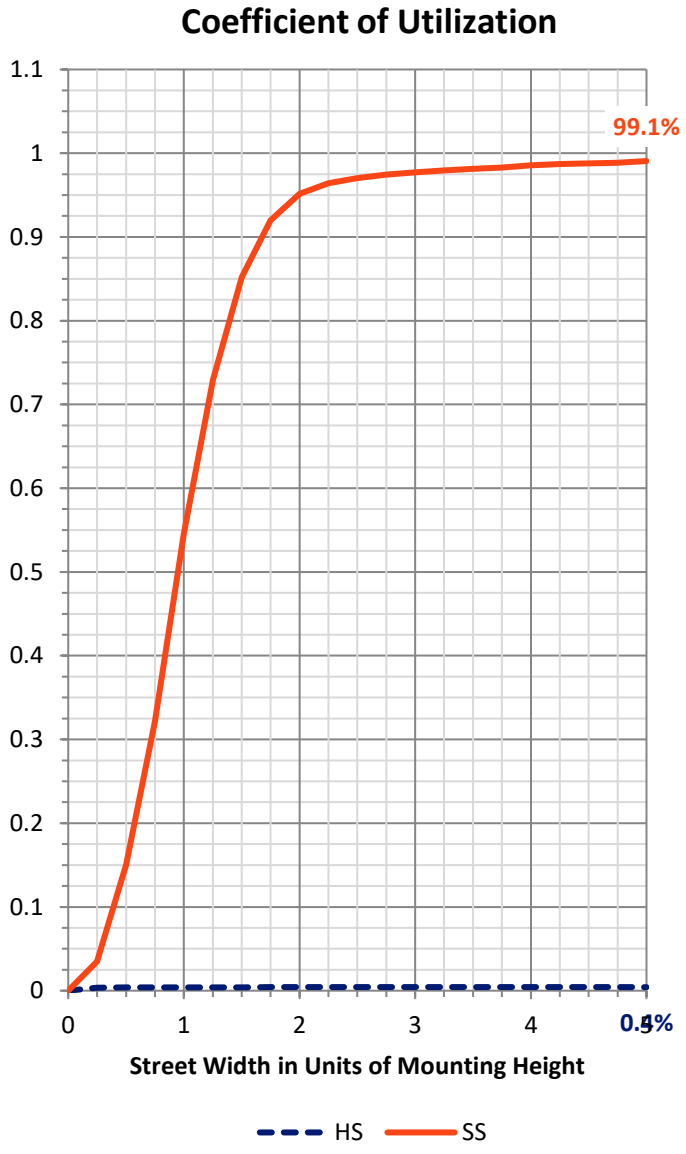
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.5	0.0	81.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19003.8	0.0	19003.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	19085.2	0.0	19085.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.9	0.1
10°-20°	156.9	0.8
20°-30°	563.2	3.0
30°-40°	1499.5	7.9
40°-50°	3939.3	20.6
50°-60°	6102.7	32.0
60°-70°	5117.0	26.8
70°-80°	1505.9	7.9
80°-90°	185.8	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°	19085.2	100.0
0°-180°	19085.2	100.0



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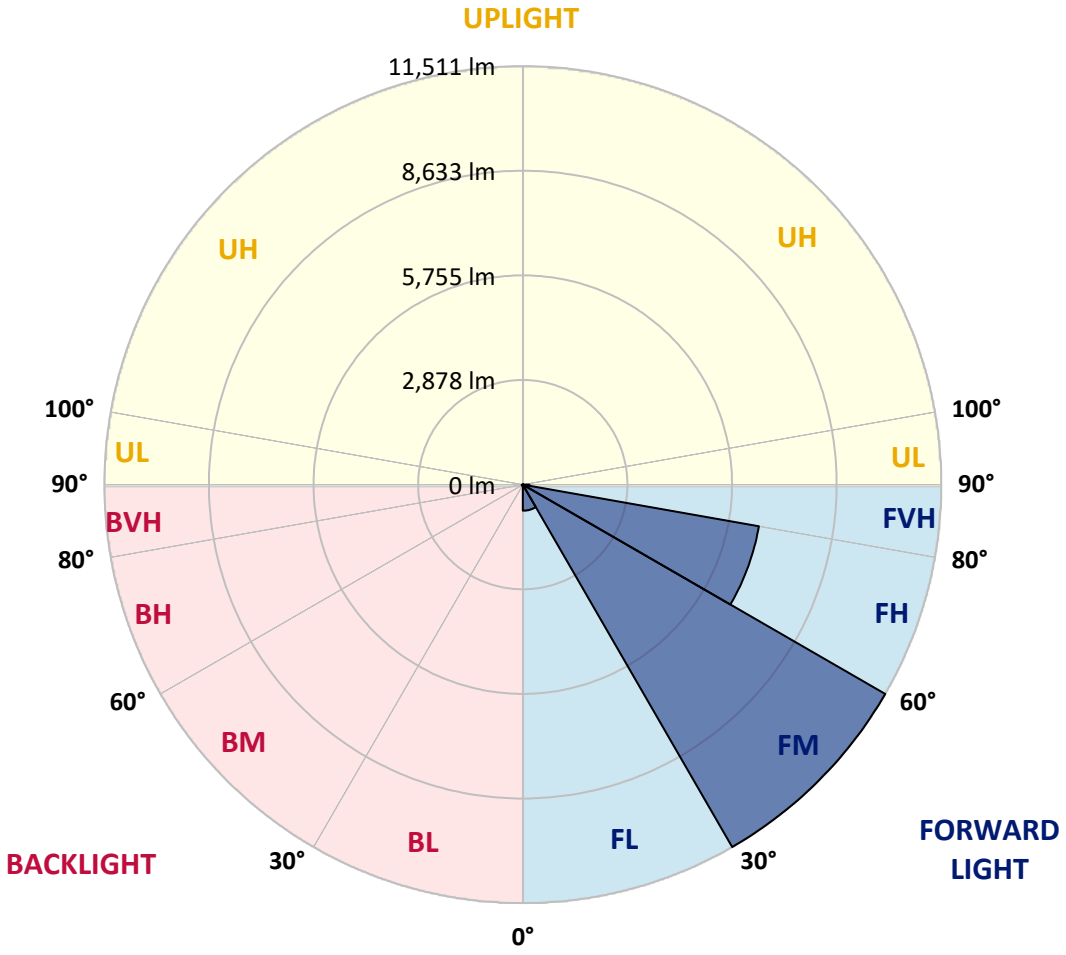
CATALOG NUMBER: GALN-SA5C-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	716.8	3.8			
FM	(30°-60°)	11510.6	60.3			
FH	(60°-80°)	6594.1	34.6			G3/7500
FVH	(80°-90°)	182.3	1.0			G2/225
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	31.0	0.2	B0/220		
BH	(60°-80°)	28.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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: P1048111
CATALOG NUMBER: GALN-SA5C-930-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	*116.8*	116.8	116.8
2.5°	141.8	143.1	140.5	135.2	131.3	131.3	130.0	126.0	*126.0*	122.1	119.5
5°	198.2	195.6	190.4	179.9	170.7	161.5	152.3	143.1	*141.8*	130.0	122.1
7.5°	324.3	326.9	309.8	277.0	249.4	214.0	181.2	161.5	*158.9*	139.2	123.4
10°	711.6	691.9	652.5	525.1	431.9	325.6	241.6	187.7	*185.1*	149.7	126.0
12.5°	1297.1	1281.3	1209.1	1077.9	837.6	582.9	353.2	232.4	*224.5*	158.9	127.3
15°	1869.5	1844.6	1805.2	1672.6	1391.6	1045.0	577.7	317.7	*296.7*	172.0	126.0
17.5°	2234.5	2238.4	2203.0	2146.5	1965.3	1546.5	997.8	473.9	*433.2*	195.6	123.4
20°	2553.5	2544.3	2564.0	2533.8	2406.5	2101.9	1452.0	751.0	*681.4*	233.7	124.7
22.5°	2921.1	2943.4	2957.9	2951.3	2810.8	2550.9	1968.0	1123.8	*1035.8*	303.3	128.7
25°	3413.4	3410.8	3412.1	3395.1	3258.5	2969.7	2485.2	1587.2	*1498.0*	416.2	137.9
27.5°	3929.4	3945.1	3951.7	3890.0	3711.5	3427.9	2964.4	2094.0	*1989.0*	597.4	149.7
30°	4634.4	4621.3	4591.1	4465.0	4248.4	3896.6	3437.1	2625.7	*2515.4*	850.7	168.0
32.5°	5584.9	5570.5	5418.2	5139.8	4815.6	4384.9	3912.3	3158.7	*3024.8*	1167.1	193.0
35°	7151.1	7173.5	6799.3	6078.5	5496.9	4971.8	4438.8	3689.1	*3571.0*	1557.1	227.1
37.5°	9549.7	9427.6	8919.6	7646.1	6393.6	5704.4	4941.6	4224.8	*4122.4*	2037.6	271.8
40°	11880.1	11759.3	11612.2	10405.7	7952.0	6511.8	5645.3	4853.6	*4721.0*	2579.8	337.4
42.5°	14329.9	14262.9	14256.3	13346.5	10795.6	7781.3	6492.1	5590.2	*5477.2*	3174.5	445.1
45°	16065.5	15998.5	16139.0	16297.8	14668.6	10501.6	7966.4	6547.2	*6383.1*	3896.6	617.0
47.5°	16299.1	16301.8	16677.2	17174.8	17546.4	14709.3	9930.5	7815.4	*7615.9*	4929.8	905.9
50°	15521.9	15552.1	16149.5	17039.6	18040.0	18239.5	13393.8	9656.1	*9360.7*	6154.7	1315.5
52.5°	14042.3	14076.5	14908.8	16372.7	17585.7	19087.7	17471.5	12063.9	*11723.8*	7682.8	1893.1
55°	12709.8	12730.8	13685.2	15535.1	17038.3	18626.8	19892.4	15279.0	*14832.7*	9562.9	2462.9
57.5°	11390.4	11341.8	11962.8	14080.4	16945.1	18061.0	20249.5	18943.2	*18450.9*	11617.5	2906.7
60°	9625.9	9544.5	10043.4	11390.4	15718.9	18432.5	19581.3	20970.3	*20858.7*	14478.2	3249.3
61°	*8611.0*	*8576.9*	*9078.4*	*10233.7*	*14686.9*	*18338.0*	*19421.1*	*21055.6*	*21067.4*	*15831.8*	*3402.9*
62.5°	6149.4	6246.6	7013.3	8515.2	12301.5	17724.9	19442.1	20791.7	*20908.6*	17630.4	3800.7
65°	2733.4	2889.6	3485.6	4707.9	7153.8	14744.7	19255.7	20212.8	*20155.0*	18124.0	5171.3
67.5°	1621.4	1645.0	1941.7	2667.7	3788.9	7931.0	16992.3	19447.4	*19369.9*	15777.9	6434.3
70°	1277.4	1289.2	1383.8	1673.9	2199.0	3038.0	9698.1	16825.6	*17163.0*	12793.8	6299.1
72.5°	1211.8	1209.1	1222.3	1273.5	1385.1	1507.2	3754.8	11184.2	*11870.9*	9213.6	5281.6
75°	1196.0	1190.8	1177.6	1157.9	1003.0	887.5	1163.2	4946.9	*5344.6*	6295.2	3976.6
77.5°	1160.6	1161.9	1164.5	1110.7	859.9	627.5	563.2	1587.2	*1952.2*	3995.0	2826.6
80°	785.1	796.9	816.6	795.6	773.3	454.2	397.8	564.5	*572.4*	2242.4	1866.9
82.5°	397.8	397.8	388.6	346.6	299.3	295.4	316.4	409.6	*414.9*	1134.3	878.3
85°	240.3	253.4	258.6	235.0	215.3	198.2	241.6	325.6	*337.4*	439.8	204.8
87.5°	53.8	55.1	60.4	80.1	116.8	158.9	224.5	298.0	*303.3*	282.3	24.9
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-SA5C-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8
2.5°	118.2	115.5	114.2	110.3	106.3	102.4	99.8	98.5	99.8	101.1	101.1
5°	116.8	112.9	106.3	99.8	94.5	89.3	84.0	82.7	82.7	84.0	84.0
7.5°	116.8	110.3	101.1	93.2	85.3	77.5	73.5	70.9	72.2	72.2	72.2
10°	116.8	109.0	97.2	85.3	76.1	67.0	60.4	57.8	57.8	57.8	57.8
12.5°	115.5	107.7	93.2	78.8	65.6	55.1	47.3	43.3	44.6	44.6	44.6
15°	112.9	103.7	88.0	67.0	52.5	42.0	34.1	30.2	31.5	34.1	35.4
17.5°	109.0	99.8	78.8	56.5	42.0	31.5	23.6	21.0	22.3	26.3	26.3
20°	107.7	95.8	69.6	46.0	31.5	22.3	15.8	13.1	14.4	19.7	21.0
22.5°	107.7	93.2	63.0	38.1	23.6	14.4	9.2	5.3	5.3	9.2	9.2
25°	109.0	91.9	57.8	31.5	17.1	10.5	5.3	2.6	5.3	14.4	17.1
27.5°	111.6	90.6	55.1	26.3	13.1	9.2	3.9	9.2	15.8	15.8	15.8
30°	114.2	88.0	51.2	22.3	11.8	6.6	6.6	13.1	13.1	15.8	17.1
32.5°	118.2	86.6	48.6	19.7	9.2	5.3	9.2	7.9	7.9	9.2	10.5
35°	126.0	88.0	46.0	19.7	9.2	6.6	7.9	3.9	2.6	2.6	2.6
37.5°	136.5	89.3	42.0	17.1	7.9	7.9	3.9	0.0	0.0	0.0	0.0
40°	153.6	93.2	39.4	15.8	6.6	6.6	1.3	0.0	0.0	0.0	0.0
42.5°	182.5	101.1	38.1	14.4	6.6	5.3	0.0	0.0	0.0	0.0	0.0
45°	240.3	119.5	35.4	13.1	6.6	2.6	0.0	0.0	0.0	0.0	0.0
47.5°	345.3	162.8	34.1	10.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	504.1	220.6	32.8	9.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	643.3	232.4	22.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	659.1	160.2	17.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	525.1	103.7	14.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	397.8	78.8	13.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*382.0*	*70.9*	*13.1*	*1.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	421.4	61.7	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	685.3	51.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1190.8	44.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1504.5	42.0	7.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1311.5	38.1	7.9	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	789.0	32.8	7.9	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	413.6	24.9	7.9	6.6	3.9	1.3	0.0	0.0	0.0	0.0	0.0
80°	200.9	22.3	9.2	6.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0
82.5°	78.8	18.4	10.5	9.2	6.6	3.9	1.3	0.0	0.0	0.0	0.0
85°	35.4	15.8	11.8	10.5	9.2	5.3	1.3	0.0	0.0	0.0	0.0
87.5°	18.4	14.4	13.1	11.8	9.2	6.6	2.6	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

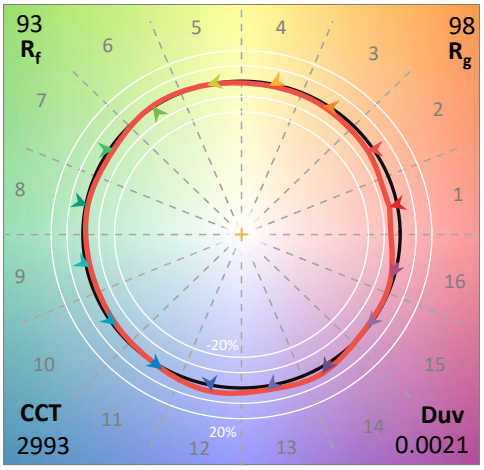
Test Information

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

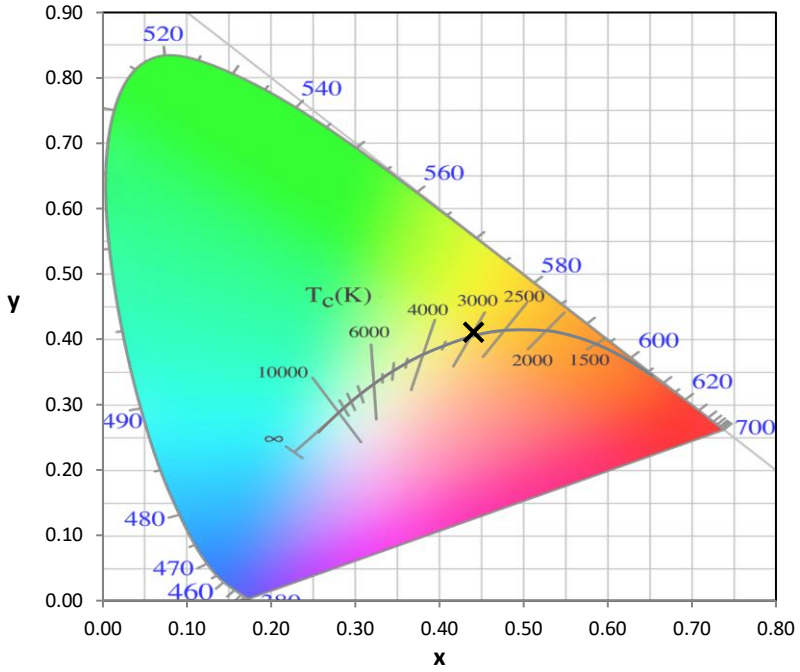
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

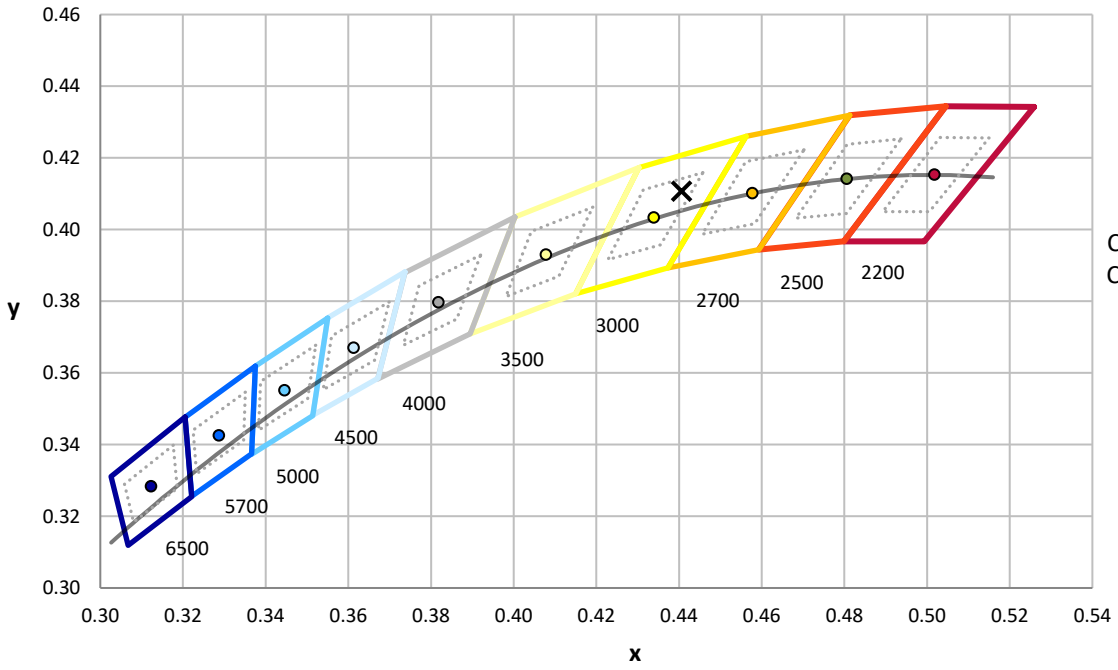
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

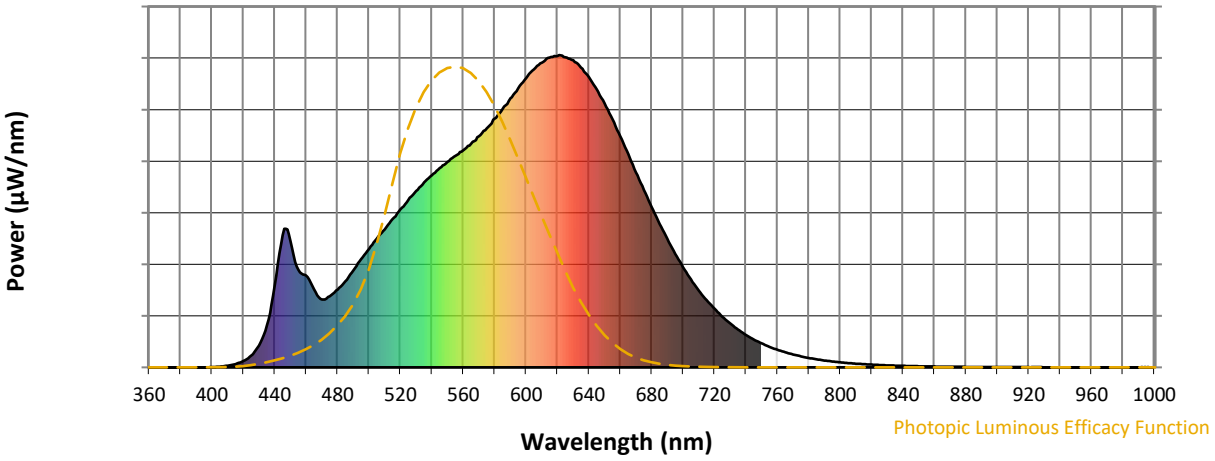


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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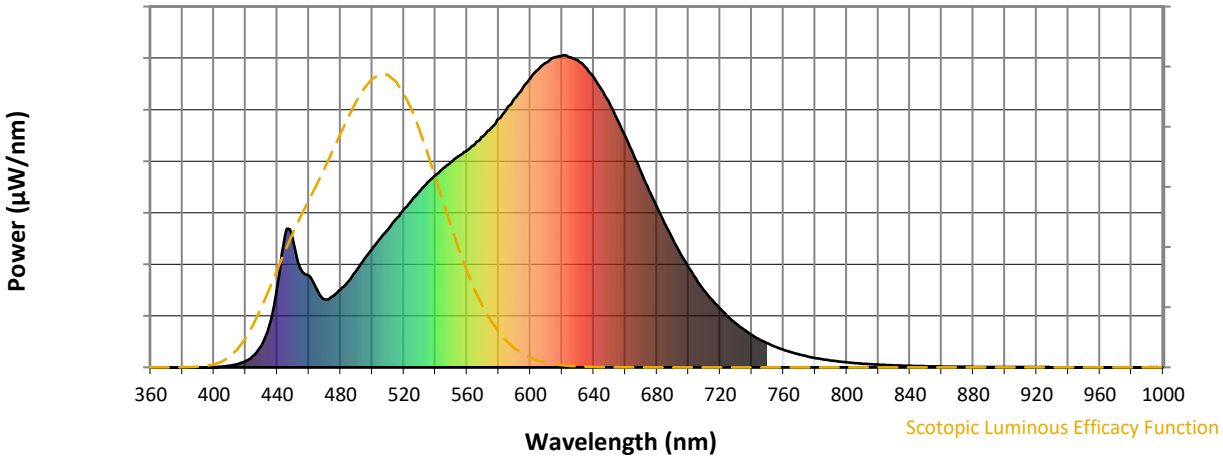
Scotopic Flux vs. Wavelength



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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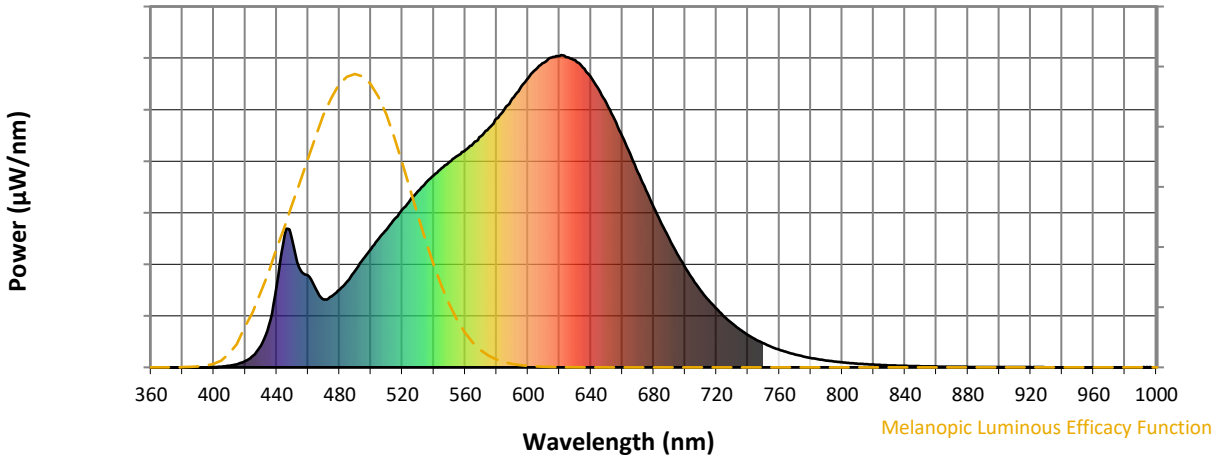
Melanopic Flux vs. Wavelength



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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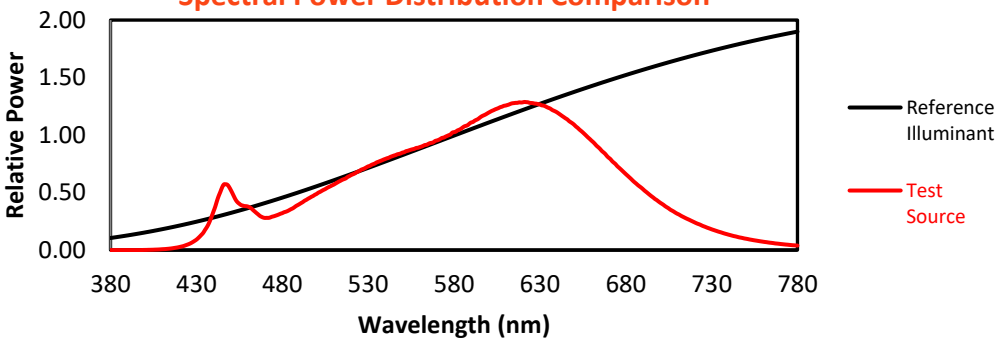
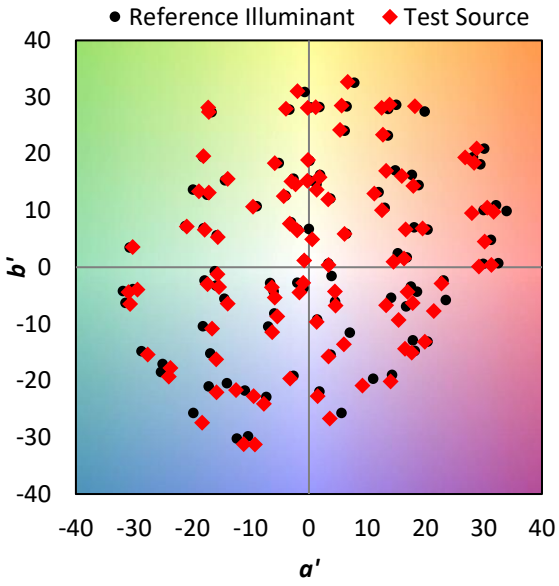
Summary

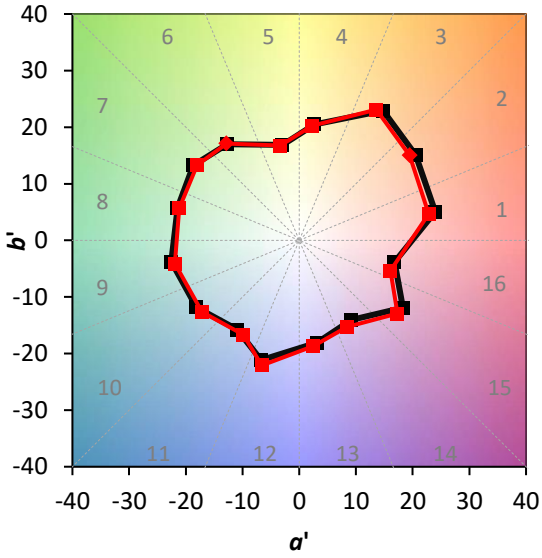
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

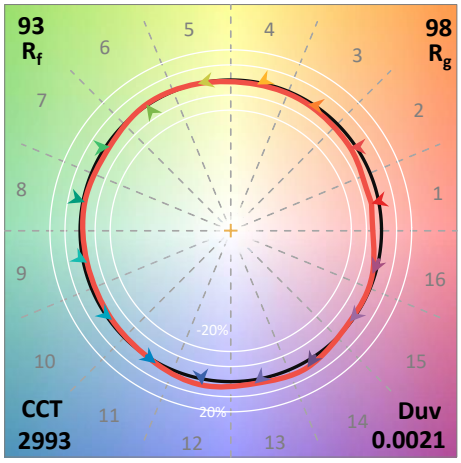
Spectral Power Distribution Comparison

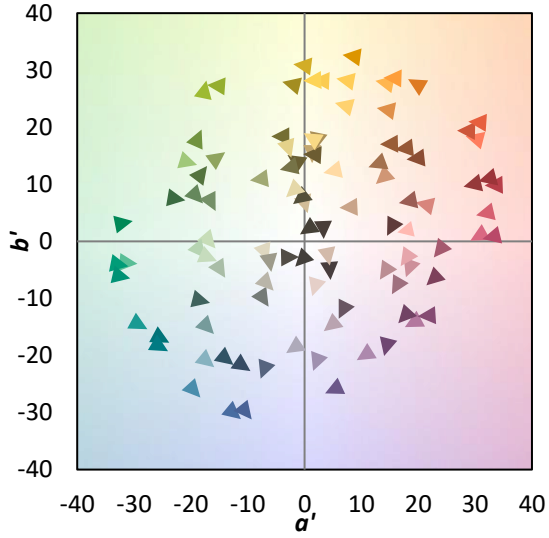


Color Vector Graphics









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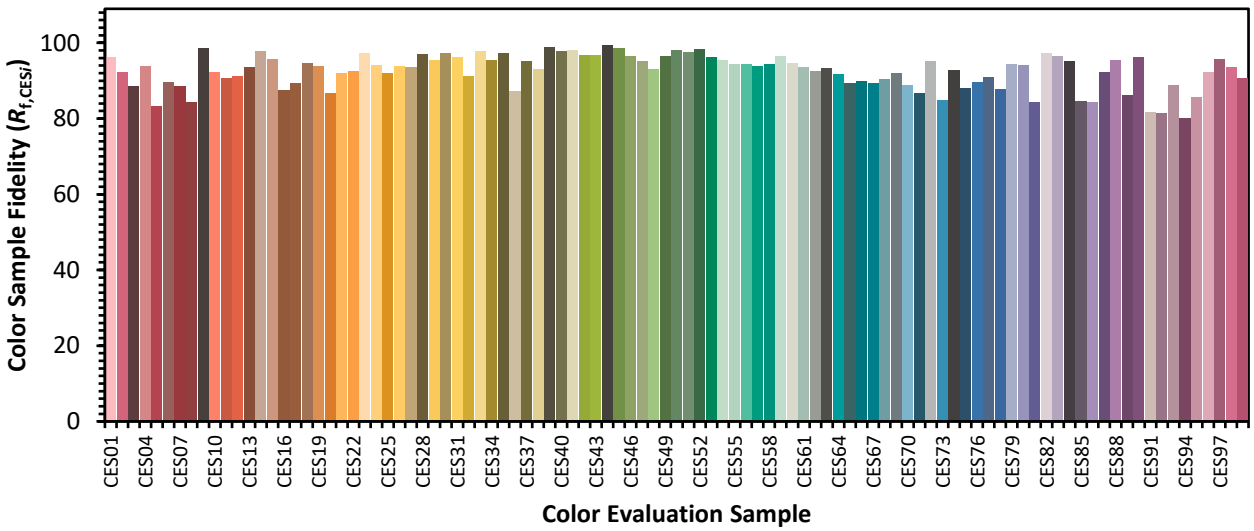
Individual Sample Fidelity Index ($R_{f,i}$)

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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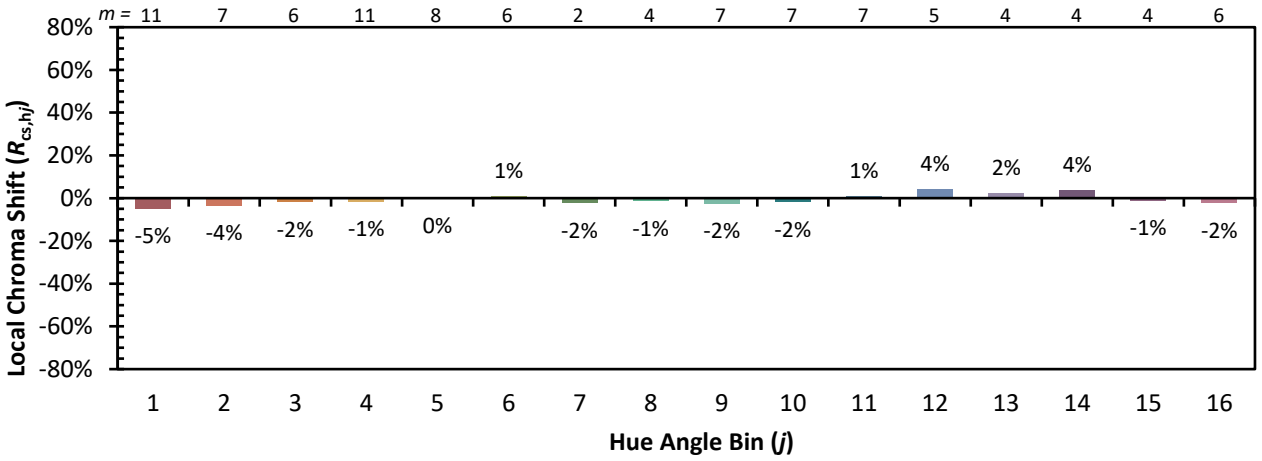
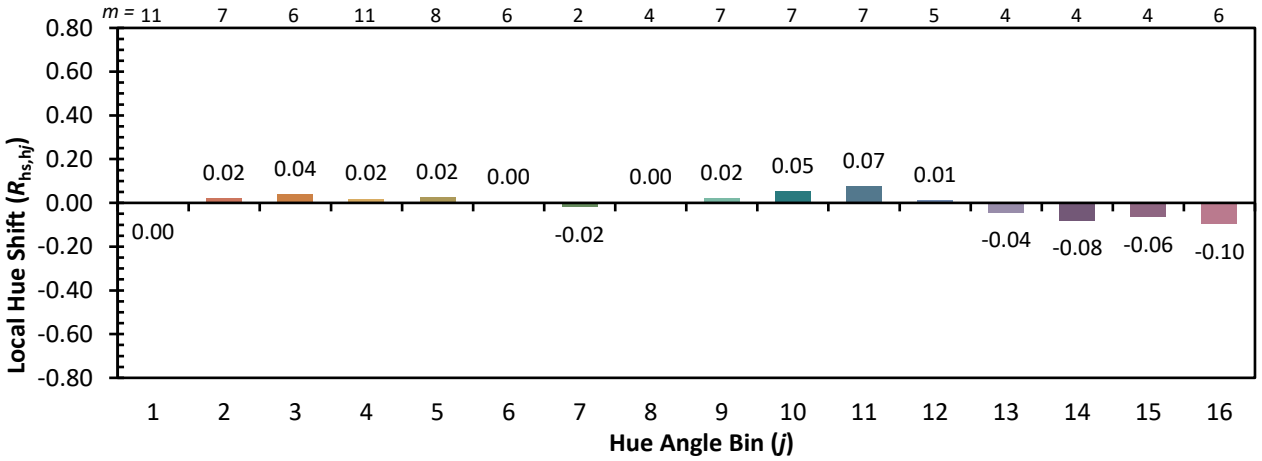
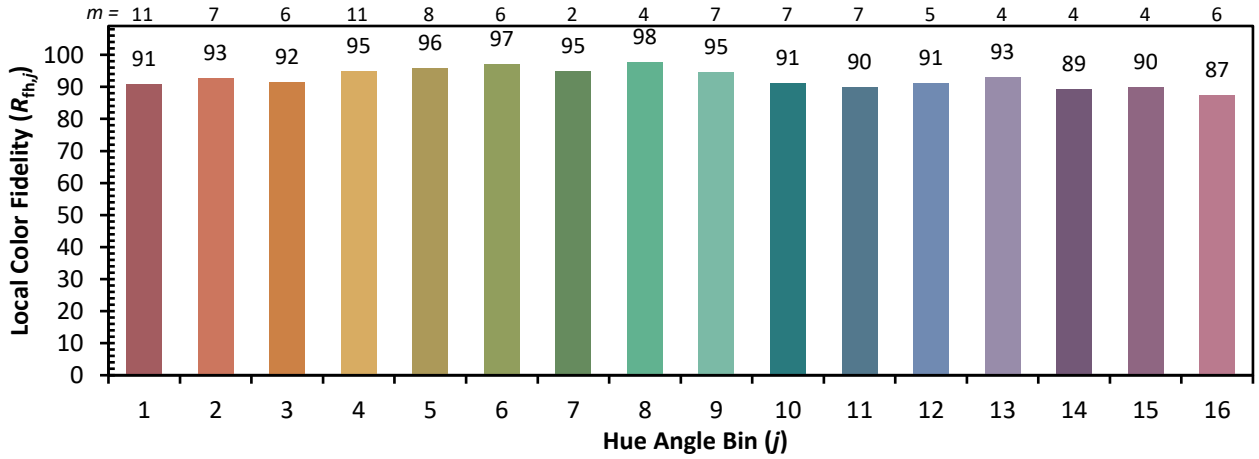
Color Rendition by Hue-Angle Bin







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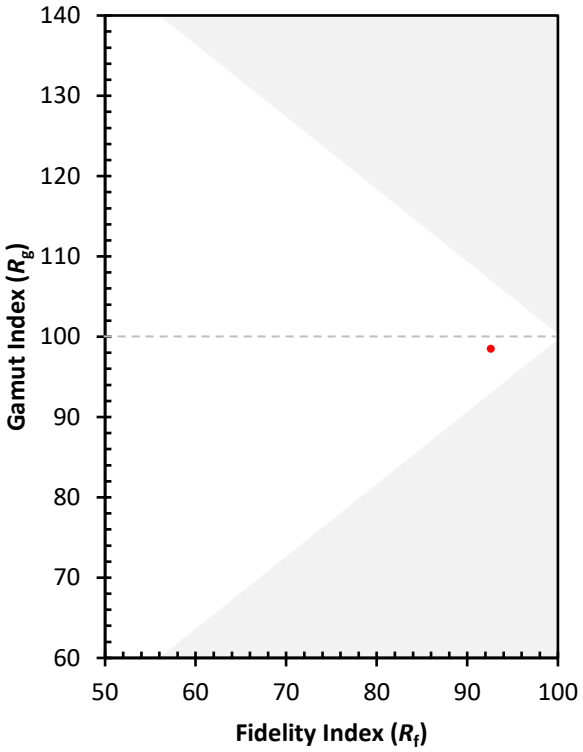
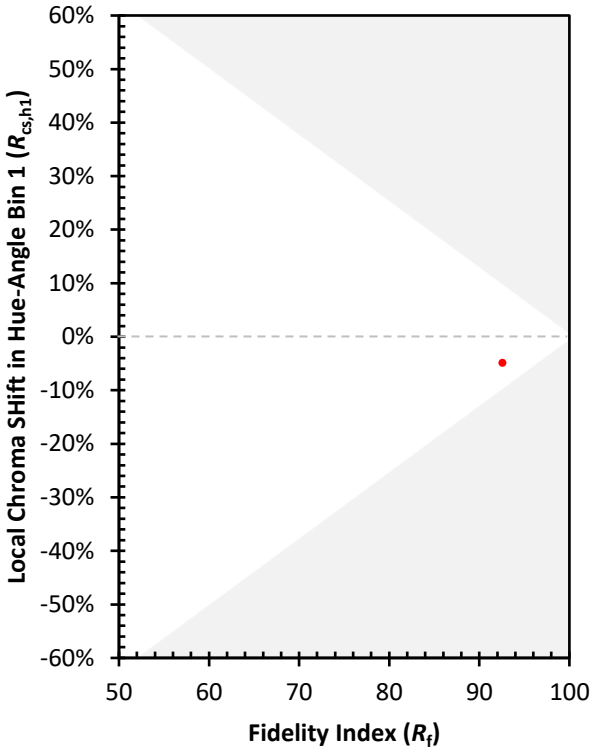
Measure Comparisons





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