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: P1047550

Luminaire Tested: **GALN-SA9B-935-U-T3BC**

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:	P1047550
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-935-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30387.9 lumens
Efficiency:	N/A
Efficacy:	97.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	312.7
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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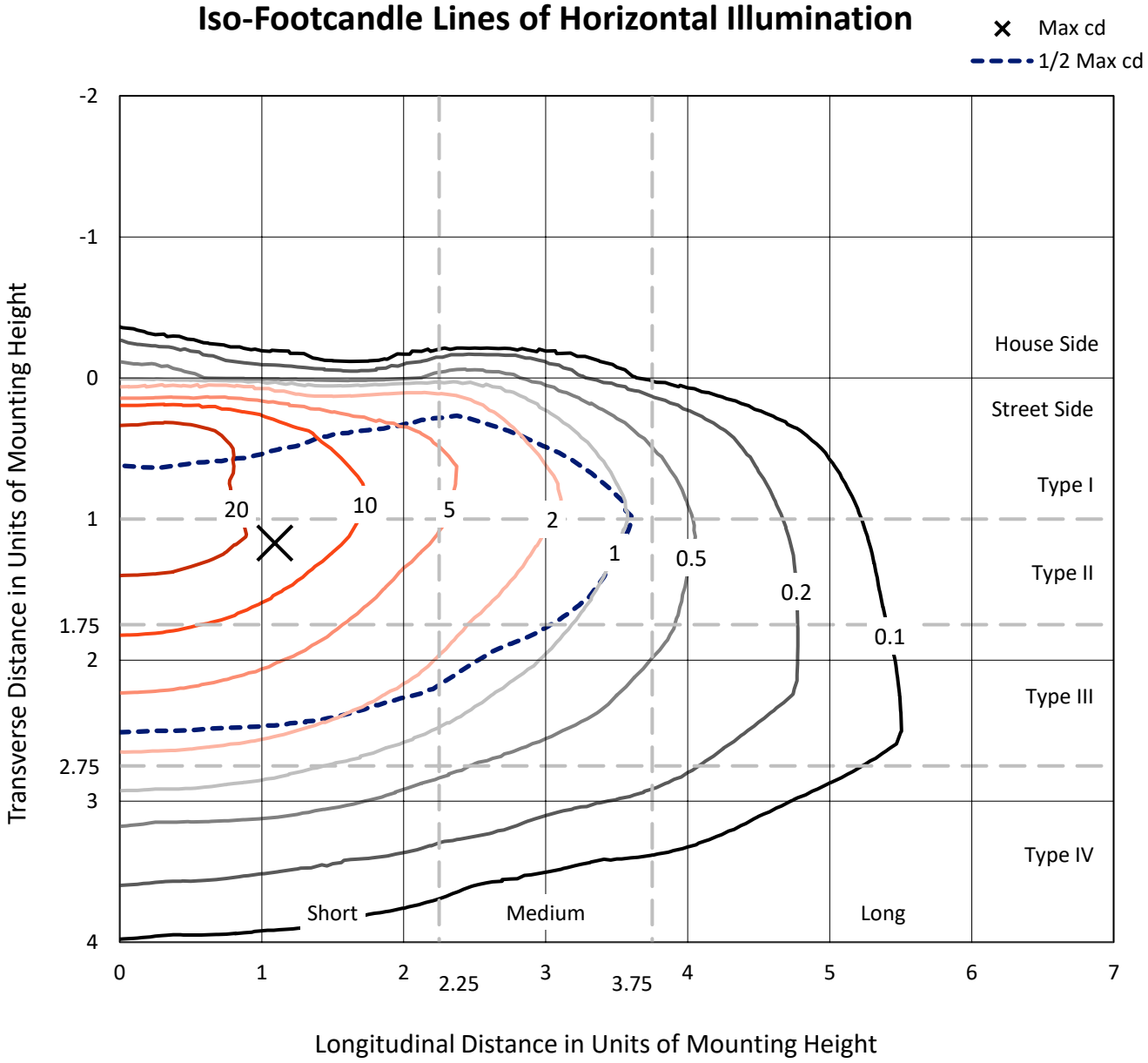
REPORT NUMBER: P1047550
CATALOG NUMBER: GALN-SA9B-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 34.1 fc
Type III - Short - N/A

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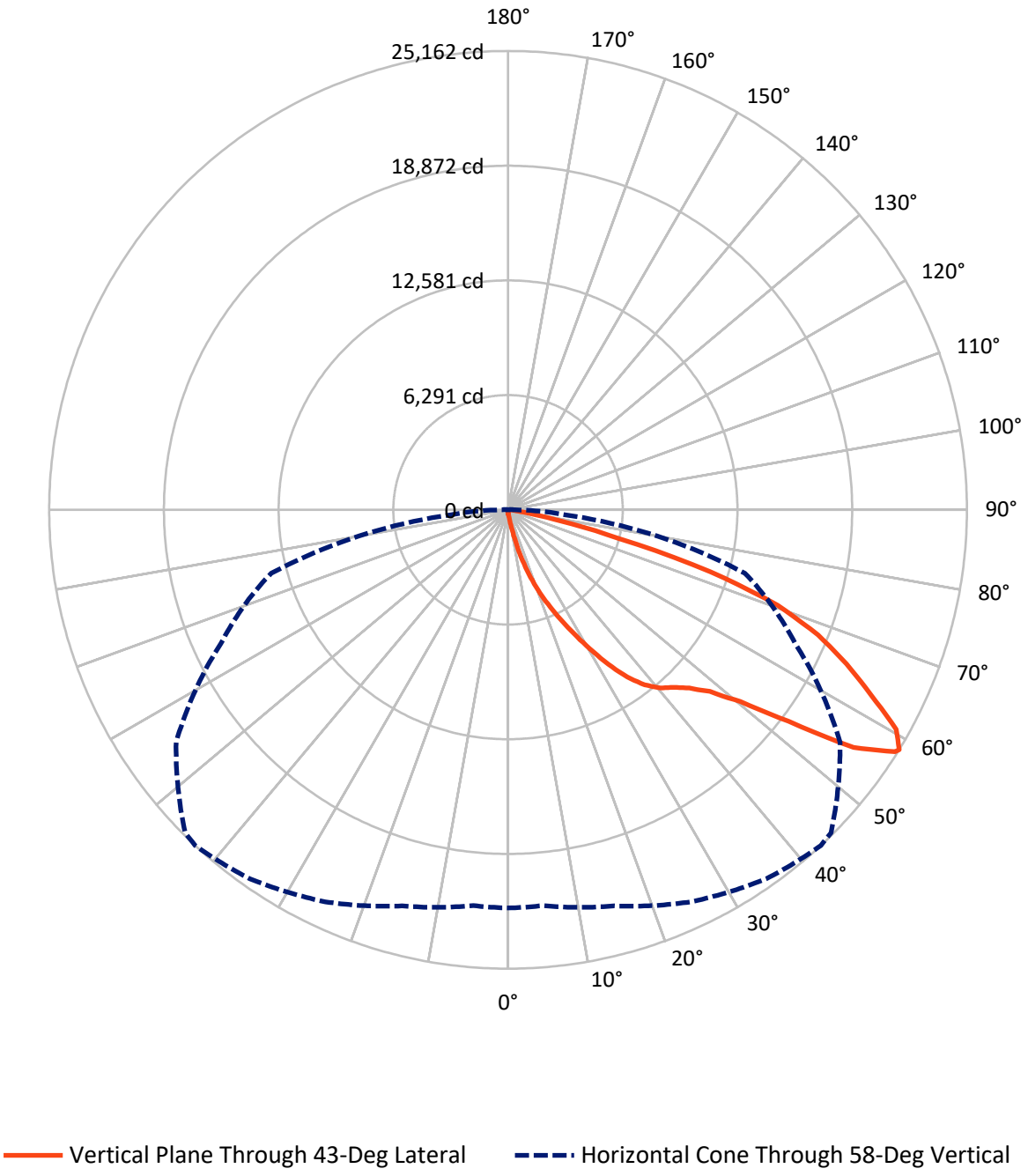
Luminous Intensity Polar Plot



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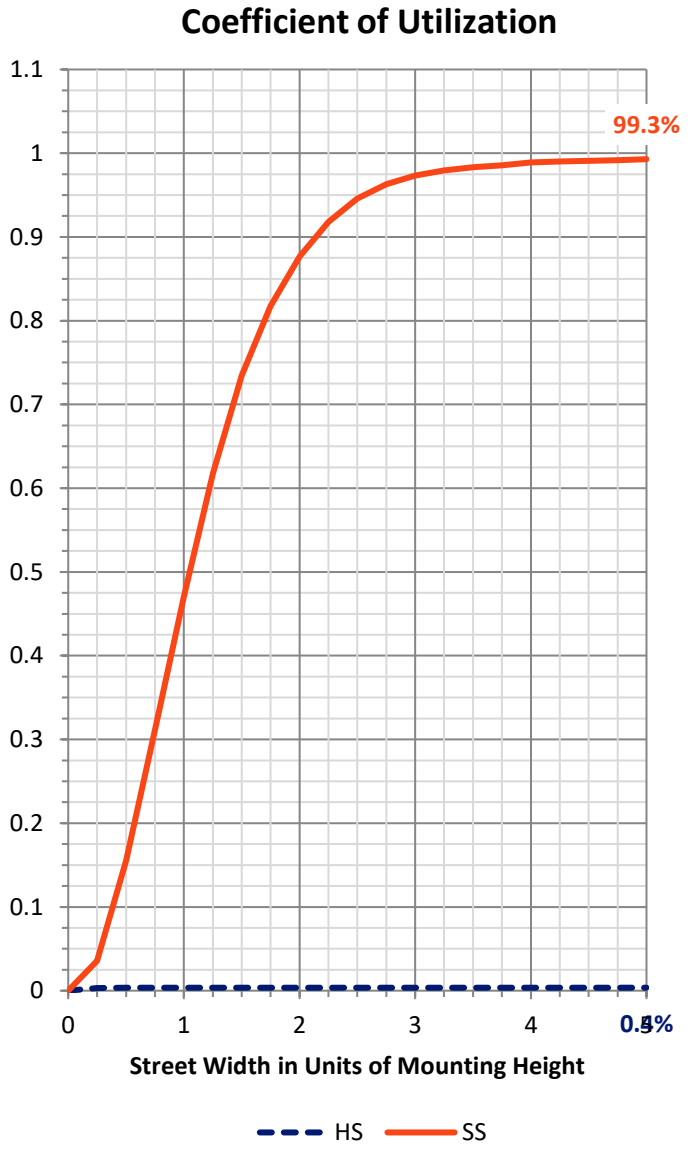
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	110.9	0.0	110.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30276.9	0.0	30276.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	30387.9	0.0	30387.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	0.1
10°-20°	349.3	1.1
20°-30°	1259.0	4.1
30°-40°	2880.6	9.5
40°-50°	4858.4	16.0
50°-60°	8017.5	26.4
60°-70°	8960.7	29.5
70°-80°	3699.7	12.2
80°-90°	333.5	1.1
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°	30387.9	100.0
0°-180°	30387.9	100.0



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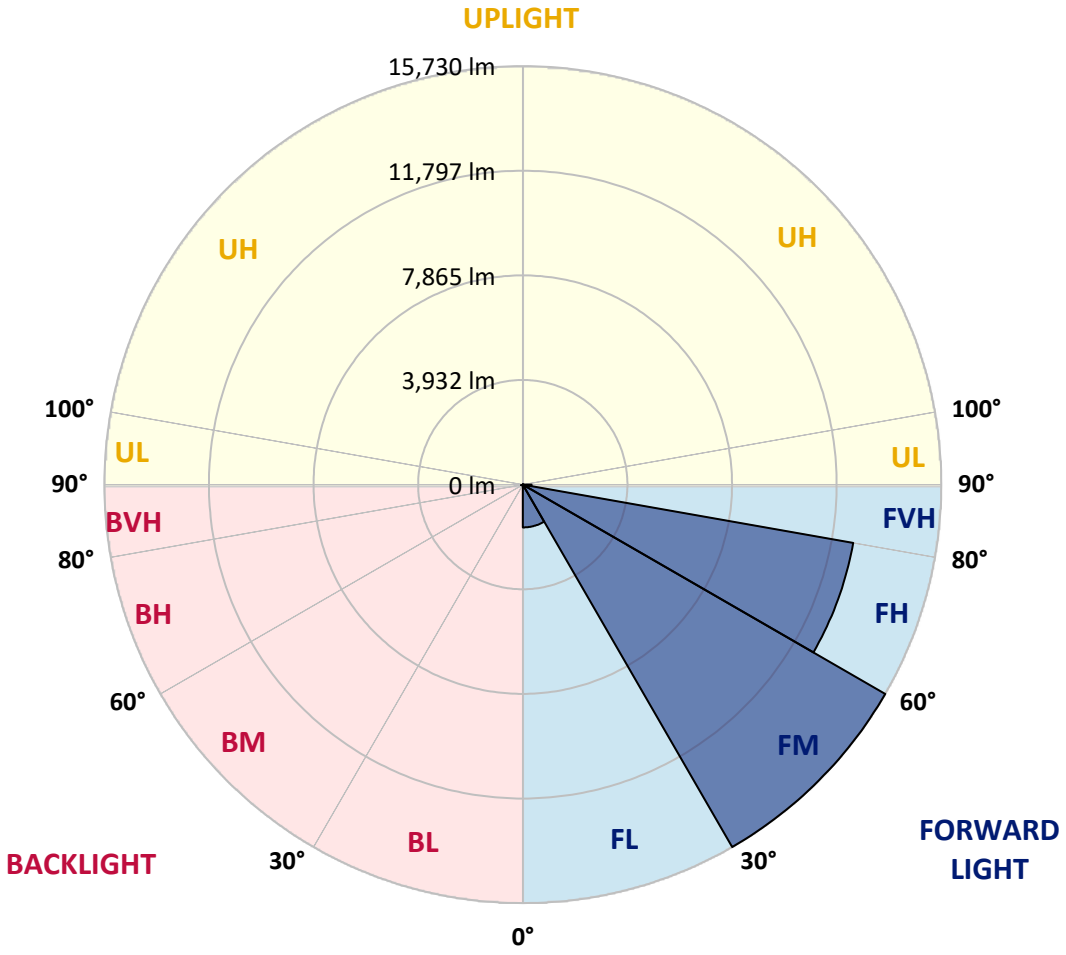
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1608.5	5.3			
FM	(30°-60°)	15729.9	51.8			
FH	(60°-80°)	12609.6	41.5			G5
FVH	(80°-90°)	329.0	1.1			G3/500
BL	(0°-30°)	28.9	0.1	B0/110		
BM	(30°-60°)	26.6	0.1	B0/220		
BH	(60°-80°)	50.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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-G5
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	198.7	198.7	198.7	198.7	198.7	*198.7*	198.7	198.7	198.7	198.7	198.7
2.5°	238.4	246.4	238.4	238.4	238.4	*230.5*	230.5	222.5	222.5	214.6	206.6
5°	349.7	349.7	325.9	310.0	294.1	*286.1*	278.2	262.3	246.4	230.5	214.6
7.5°	778.9	778.9	707.3	612.0	484.8	*413.3*	397.4	325.9	278.2	246.4	214.6
10°	1859.8	1859.8	1700.8	1438.5	1112.7	*826.6*	739.1	468.9	333.8	262.3	222.5
12.5°	3091.6	3131.4	2932.7	2598.9	2114.1	*1613.4*	1438.5	858.3	445.1	286.1	222.5
15°	4196.4	4101.0	4045.4	3727.5	3266.5	*2670.4*	2447.9	1446.5	643.8	325.9	222.5
17.5°	4943.5	4943.5	4864.0	4649.4	4228.2	*3703.6*	3520.8	2336.6	1041.1	373.5	230.5
20°	5817.7	5817.7	5674.6	5523.6	5150.1	*4705.0*	4530.2	3322.1	1613.4	476.9	230.5
22.5°	6874.7	6890.6	6731.7	6461.5	6103.8	*5611.1*	5460.1	4236.1	2336.6	635.8	238.4
25°	8162.3	8178.2	7947.7	7693.4	7145.0	*6612.5*	6382.0	5285.2	3218.8	890.1	238.4
27.5°	9584.9	9696.2	9354.4	8917.3	8337.1	*7669.5*	7494.7	6231.0	4093.1	1255.7	254.3
30°	11357.2	11357.2	10904.2	10292.3	9664.4	*8837.8*	8615.3	7224.4	5022.9	1740.5	270.2
32.5°	12883.2	12764.0	12183.8	11540.0	10872.4	*10101.5*	9863.1	8265.6	5976.7	2344.6	302.0
35°	14051.5	13948.2	13232.9	12541.4	11961.3	*11253.9*	10967.8	9394.2	6986.0	3028.1	349.7
37.5°	15052.9	15013.2	14043.6	13177.3	12795.8	*12175.9*	11921.5	10459.2	7979.5	3767.2	405.3
40°	16149.7	16022.5	14989.3	13916.4	13344.2	*12843.5*	12613.0	11317.5	8933.2	4633.5	484.8
42.5°	17087.5	16936.5	16006.6	14957.5	13980.0	*13304.4*	13081.9	12040.7	9863.1	5499.8	588.1
45°	18128.7	18049.2	17111.4	16316.6	15013.2	*13932.3*	13638.2	12620.9	10713.5	6533.0	723.2
47.5°	19694.4	19551.3	18677.1	18025.3	16515.3	*14886.0*	14464.8	13217.0	11532.1	7550.3	929.9
50°	21514.4	21419.0	20902.4	20385.8	18883.7	*16515.3*	16014.6	14075.3	12446.1	8758.3	1200.1
52.5°	23000.6	22984.7	23048.3	23056.2	21919.7	*19257.2*	18510.2	15458.2	13495.2	9950.5	1581.6
55°	22968.8	23040.3	23739.7	24542.5	24629.9	*23000.6*	22277.4	17786.9	14862.2	11420.8	2114.1
57.5°	22110.5	22054.8	22794.0	24002.0	24852.4	*25027.3*	24908.0	21403.1	16920.6	13193.2	2932.7
58°	*21832.3*	*21784.6*	*22484.0*	*23715.9*	*24693.5*	*25162.4*	*25043.2*	*22221.7*	*17381.6*	*13447.5*	*3155.2*
60°	20822.9	20830.9	21244.2	22364.8	23342.4	*24455.0*	24566.3	24558.3	19678.5	15148.3	4275.9
62.5°	19487.7	19424.1	19805.6	20719.6	21578.0	*22325.0*	22515.8	24717.3	23040.3	17310.1	6413.8
65°	17643.9	17548.5	17953.8	18987.0	19909.0	*20393.8*	20401.7	22587.3	24621.9	19630.8	9465.7
67.5°	14218.4	14138.9	14949.6	16276.9	17699.5	*18335.3*	18621.4	19599.0	23286.7	21204.4	11214.2
70°	8710.7	8877.6	10006.1	12088.4	14520.4	*15688.7*	16117.9	16419.9	19829.5	20966.0	9378.3
72.5°	4021.5	3822.8	4784.5	6238.9	9012.7	*11611.6*	12056.6	13240.8	15720.5	18200.2	6994.0
75°	1875.7	1804.1	2026.7	2726.1	4085.1	*6270.7*	7081.4	10570.4	12056.6	12660.7	5046.8
77.5°	961.7	969.6	1152.4	1239.8	1684.9	*2900.9*	3330.1	6954.2	8837.8	7065.5	3385.7
80°	421.2	437.1	445.1	484.8	683.5	*1120.6*	1263.7	3226.8	6040.2	3600.3	1851.8
82.5°	270.2	278.2	278.2	278.2	325.9	*445.1*	508.7	1295.5	3012.2	1788.2	572.2
85°	143.1	143.1	159.0	198.7	230.5	*270.2*	286.1	413.3	993.5	532.5	135.1
87.5°	79.5	87.4	95.4	119.2	151.0	*182.8*	198.7	286.1	381.5	365.6	31.8
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-SA9B-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7
2.5°	206.6	198.7	190.7	182.8	174.8	166.9	166.9	166.9	166.9	166.9	166.9
5°	198.7	190.7	182.8	166.9	151.0	143.1	135.1	127.2	127.2	127.2	127.2
7.5°	198.7	190.7	166.9	151.0	135.1	119.2	103.3	103.3	103.3	103.3	103.3
10°	198.7	182.8	159.0	135.1	111.3	95.4	87.4	79.5	79.5	79.5	79.5
12.5°	198.7	174.8	151.0	119.2	95.4	79.5	71.5	63.6	63.6	63.6	63.6
15°	198.7	174.8	143.1	111.3	87.4	63.6	55.6	47.7	47.7	47.7	47.7
17.5°	190.7	166.9	135.1	95.4	71.5	47.7	39.7	31.8	31.8	39.7	39.7
20°	182.8	159.0	119.2	79.5	55.6	39.7	23.8	23.8	23.8	23.8	23.8
22.5°	182.8	159.0	111.3	71.5	47.7	23.8	15.9	15.9	15.9	15.9	23.8
25°	182.8	151.0	95.4	55.6	31.8	15.9	7.9	7.9	7.9	7.9	7.9
27.5°	182.8	151.0	87.4	47.7	23.8	15.9	7.9	0.0	0.0	0.0	0.0
30°	174.8	143.1	79.5	39.7	15.9	7.9	0.0	0.0	0.0	0.0	0.0
32.5°	174.8	135.1	63.6	31.8	15.9	7.9	0.0	0.0	0.0	0.0	0.0
35°	182.8	127.2	55.6	23.8	7.9	0.0	0.0	0.0	0.0	0.0	7.9
37.5°	190.7	119.2	47.7	15.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	198.7	111.3	47.7	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	214.6	111.3	39.7	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	230.5	111.3	31.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	262.3	119.2	31.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	286.1	127.2	23.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	317.9	119.2	23.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	357.6	119.2	23.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	389.4	111.3	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*405.3*	*103.3*	*15.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	484.8	95.4	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	755.0	79.5	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1533.9	71.5	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2861.2	63.6	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3202.9	71.5	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2018.7	55.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1065.0	55.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	532.5	55.6	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	246.4	39.7	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	103.3	23.8	15.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	47.7	23.8	15.9	15.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0
87.5°	23.8	23.8	23.8	15.9	15.9	7.9	7.9	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

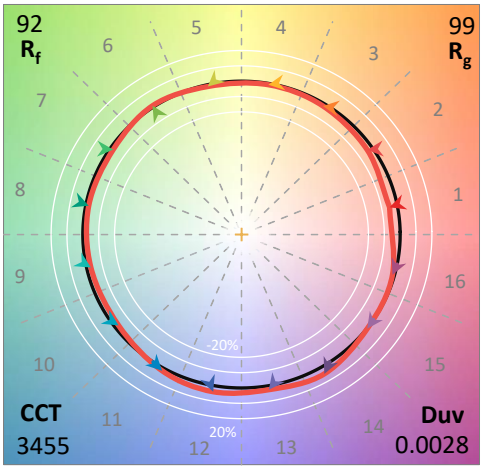
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2
R1:	92.0
R2:	94.4
R3:	95.6
R4:	93.2
R5:	91.4
R6:	92.5
R7:	94.5
R8:	84.2
R9:	59.8
R10:	85.8
R11:	93.2
R12:	78.0
R13:	92.5
R14:	97.0
R15:	88.4



Test Conditions

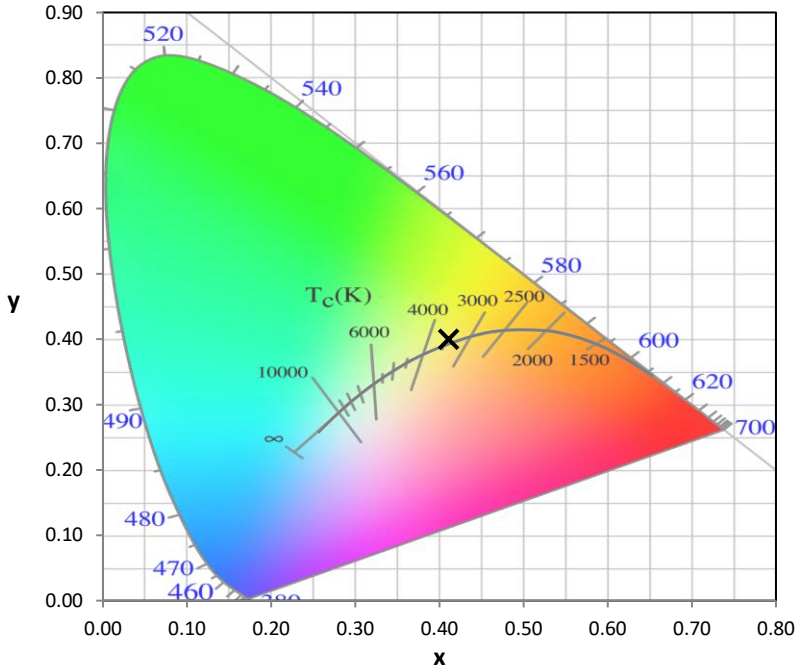
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

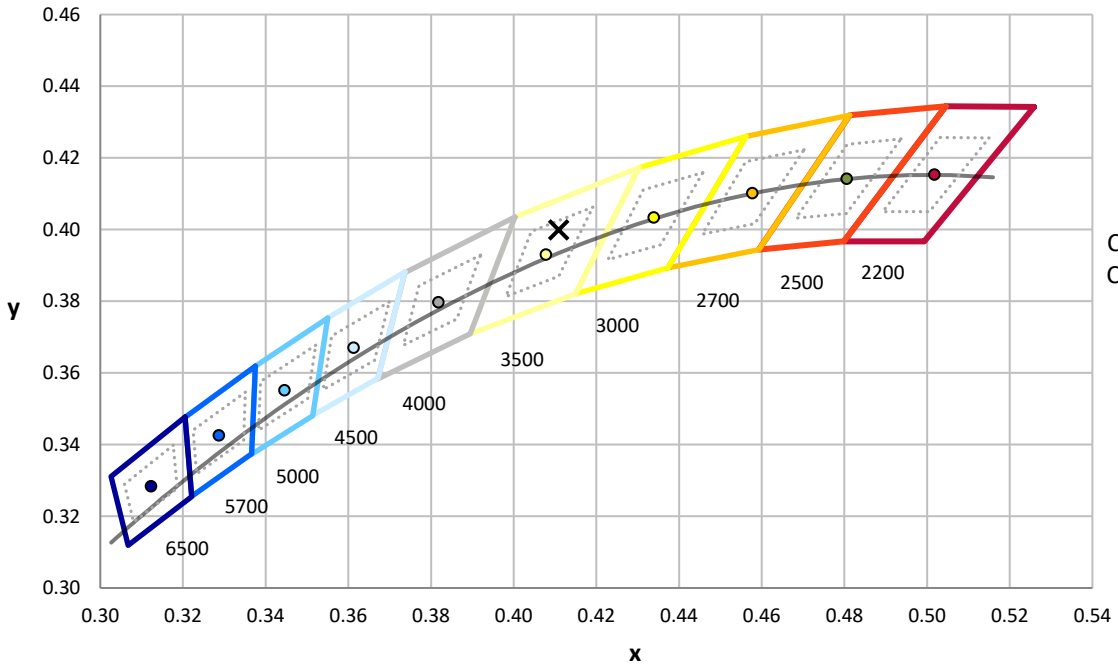
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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

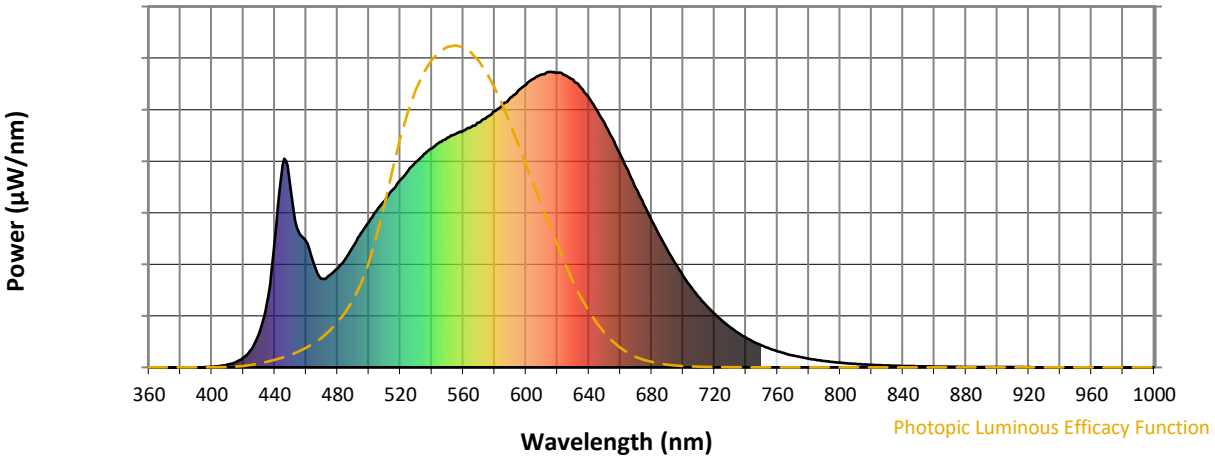


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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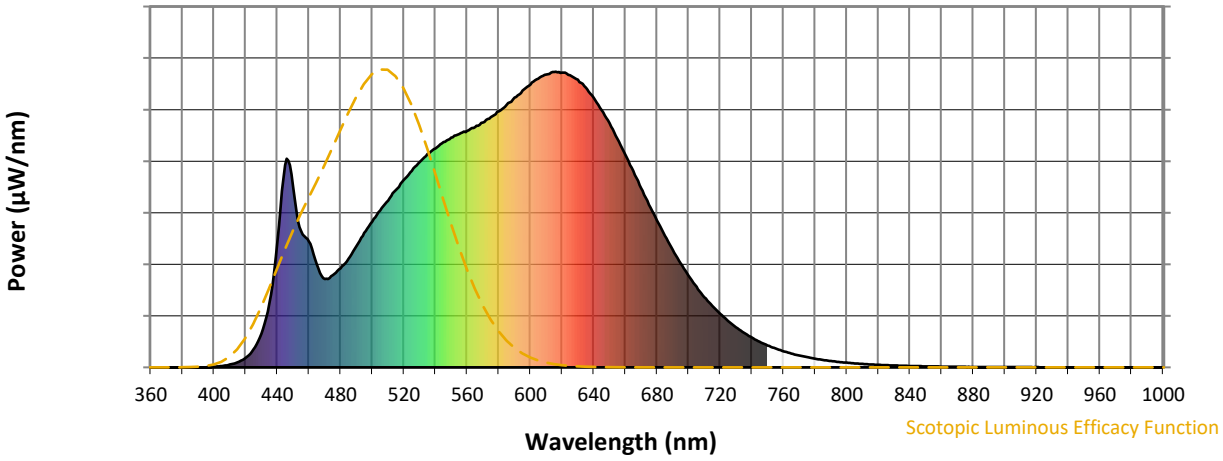
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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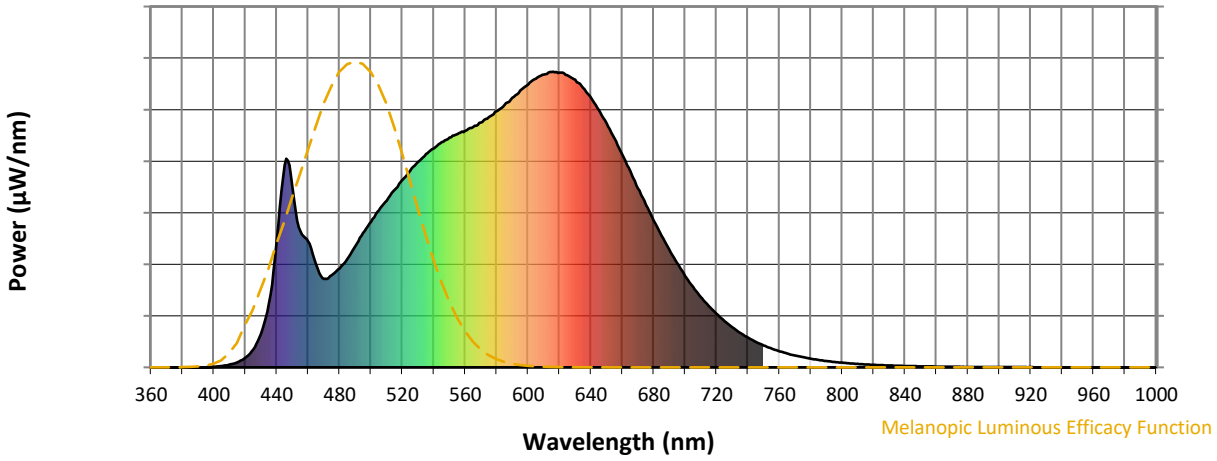
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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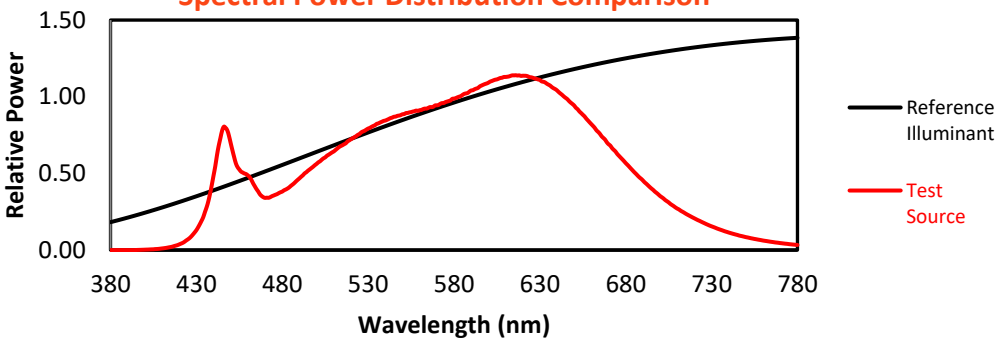
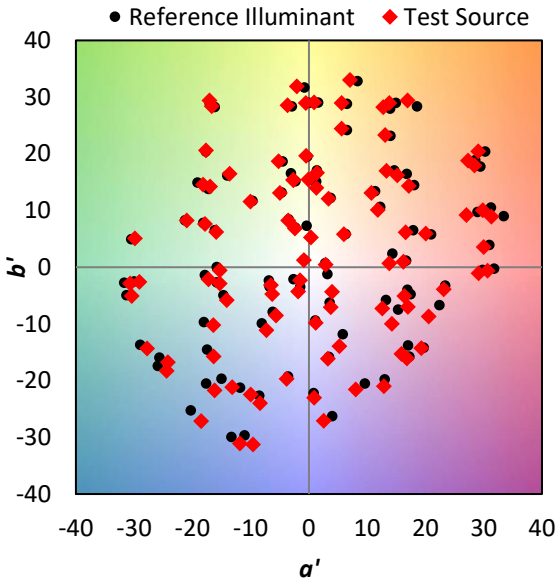
Summary

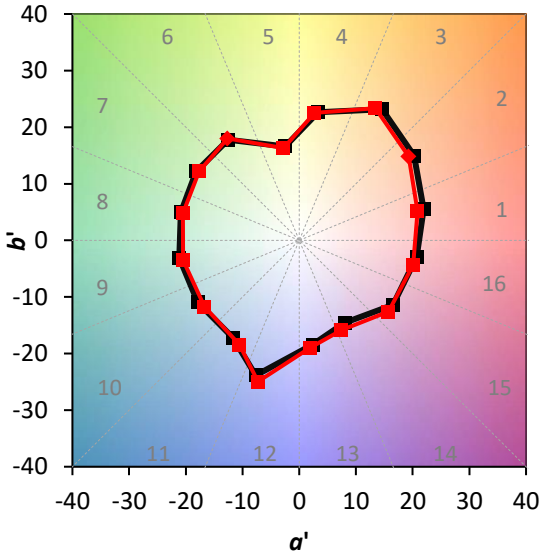
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

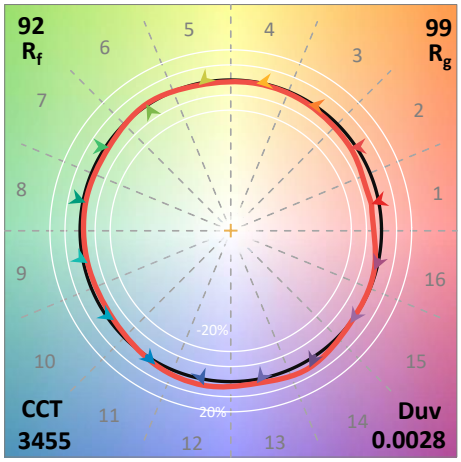
Spectral Power Distribution Comparison

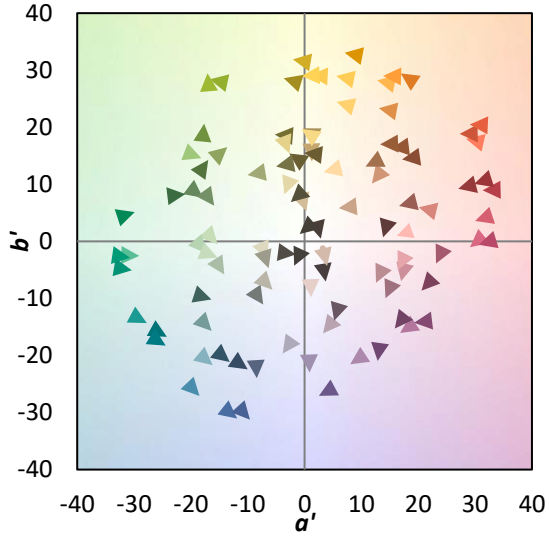


Color Vector Graphics









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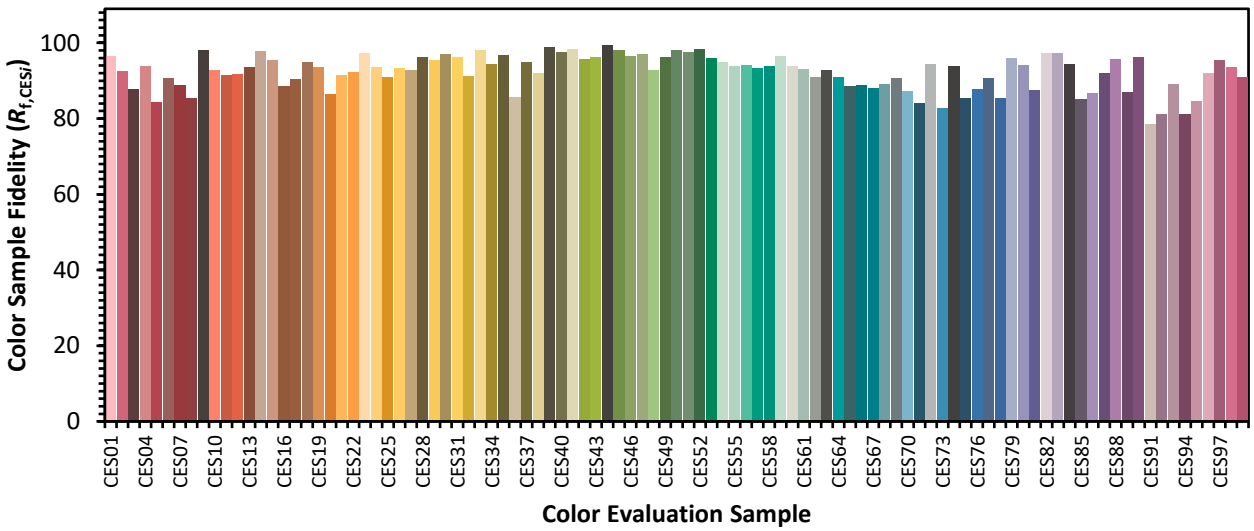
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



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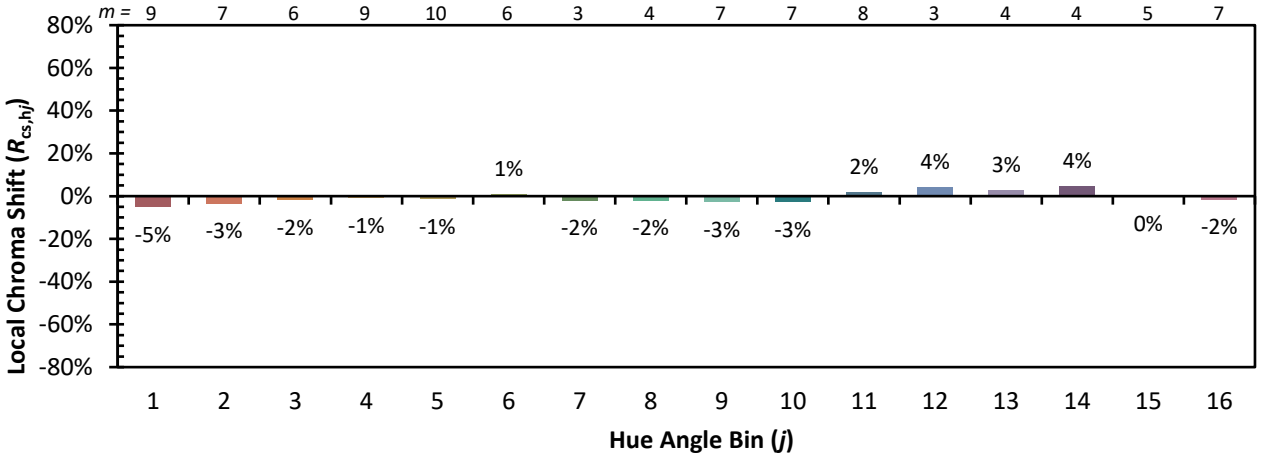
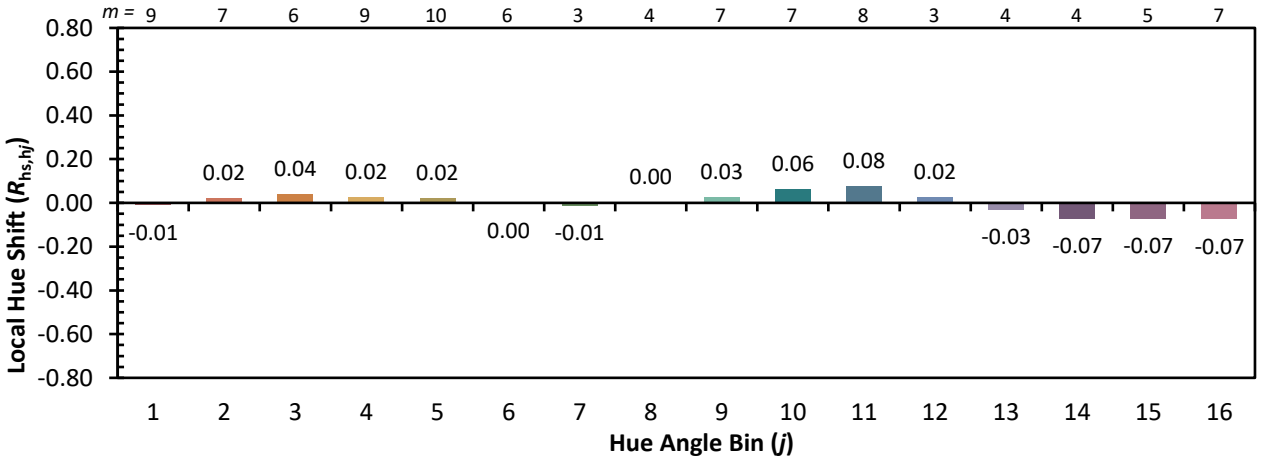
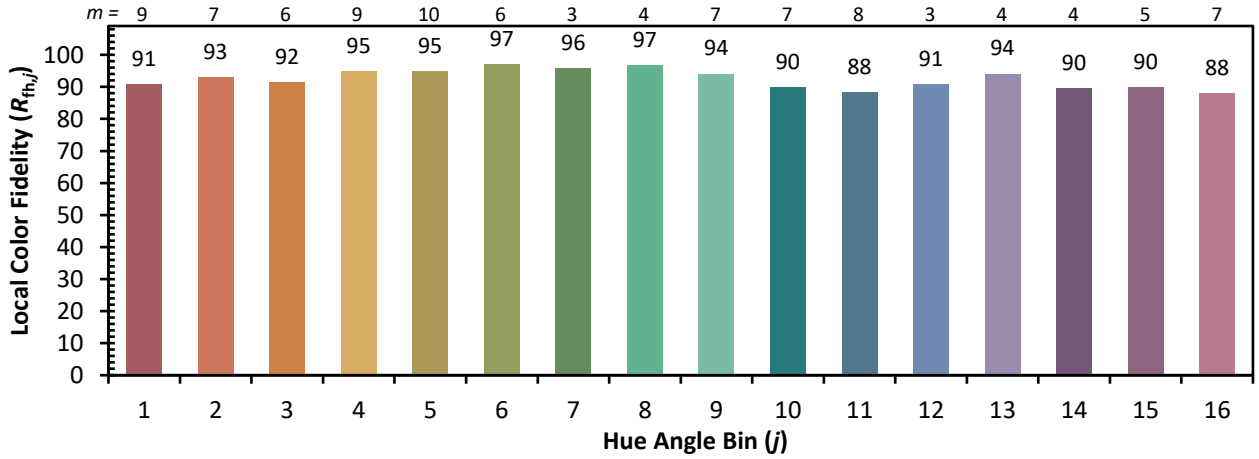
Color Rendition by Hue-Angle Bin







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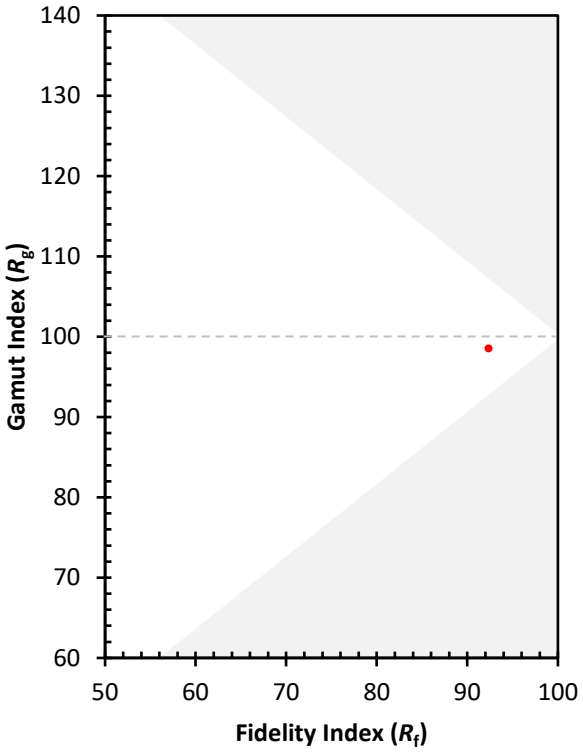
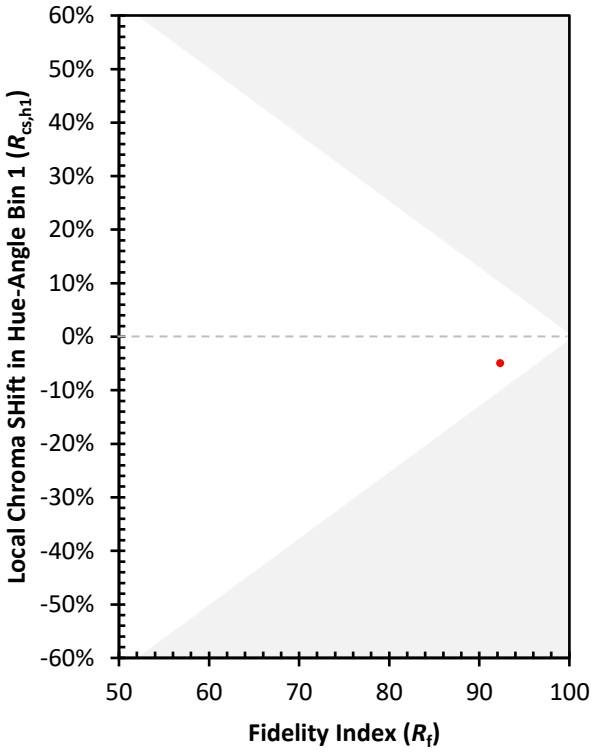
Measure Comparisons





(END OF REPORT)