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: P1047545

Luminaire Tested: **GALN-SA8A-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:	P1047545
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8A-935-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21915.7 lumens
Efficiency:	N/A
Efficacy:	100.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

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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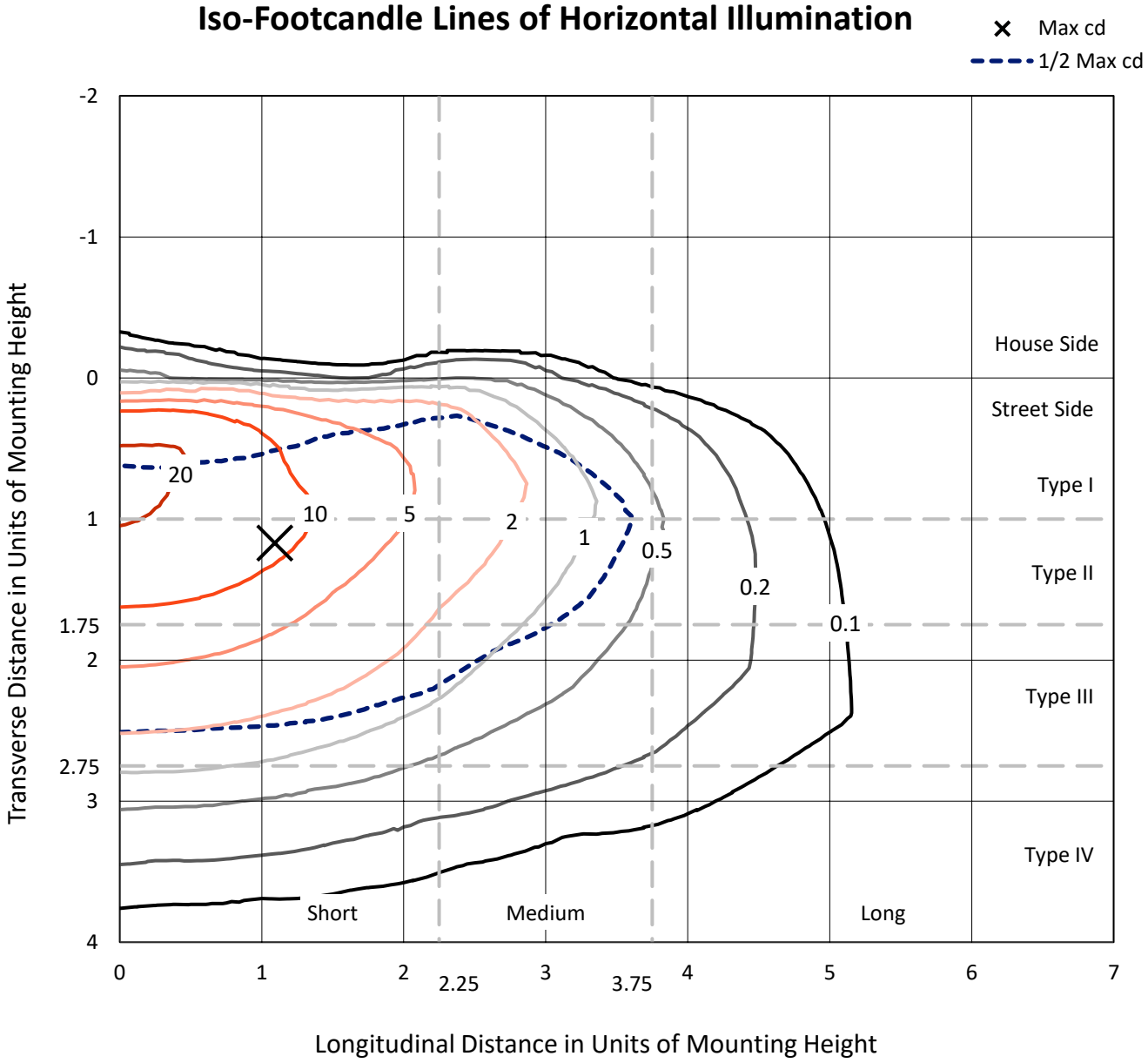
REPORT NUMBER: P1047545
CATALOG NUMBER: GALN-SA8A-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 24.6 fc
Type III - Short - N/A

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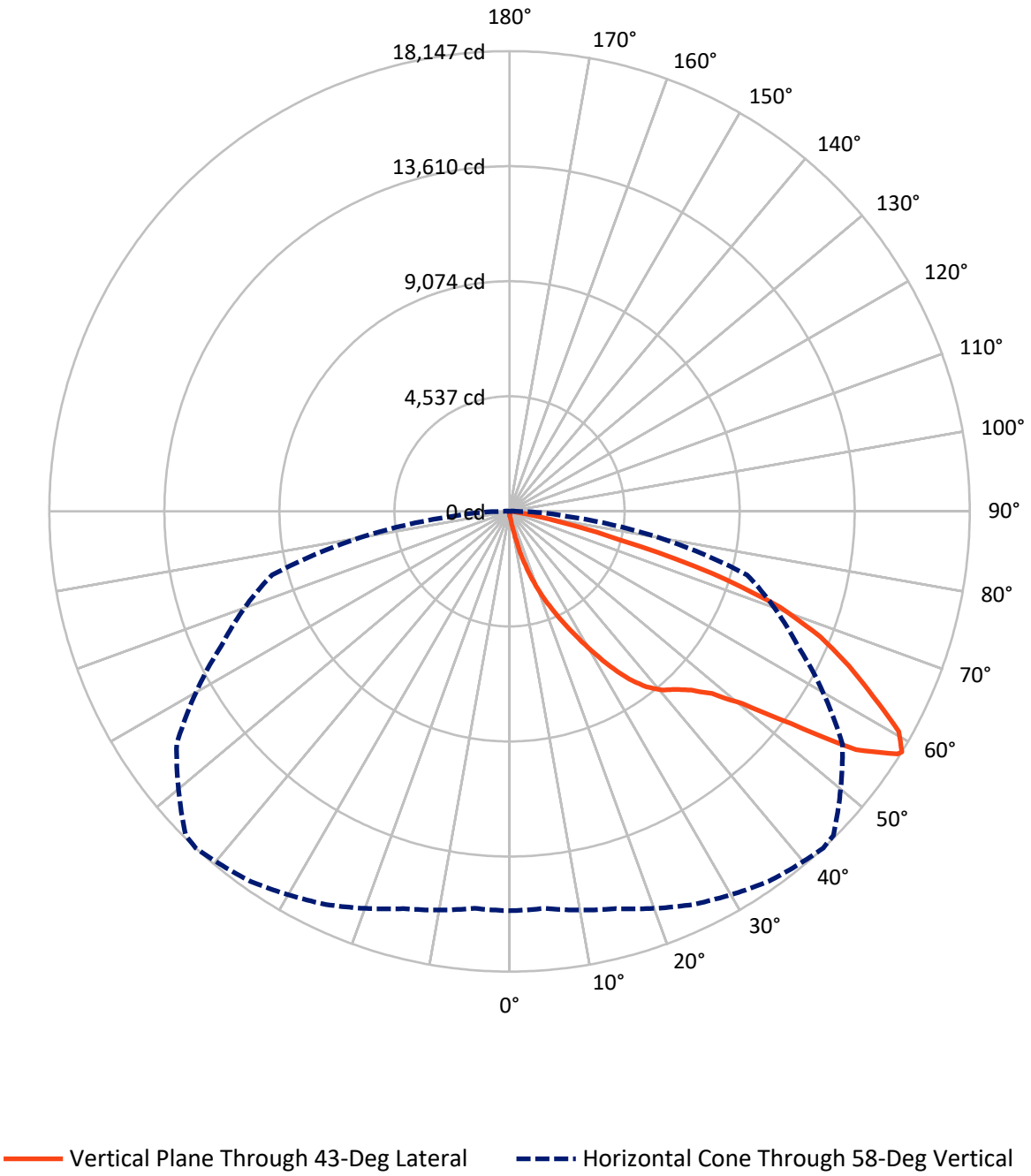
Luminous Intensity Polar Plot



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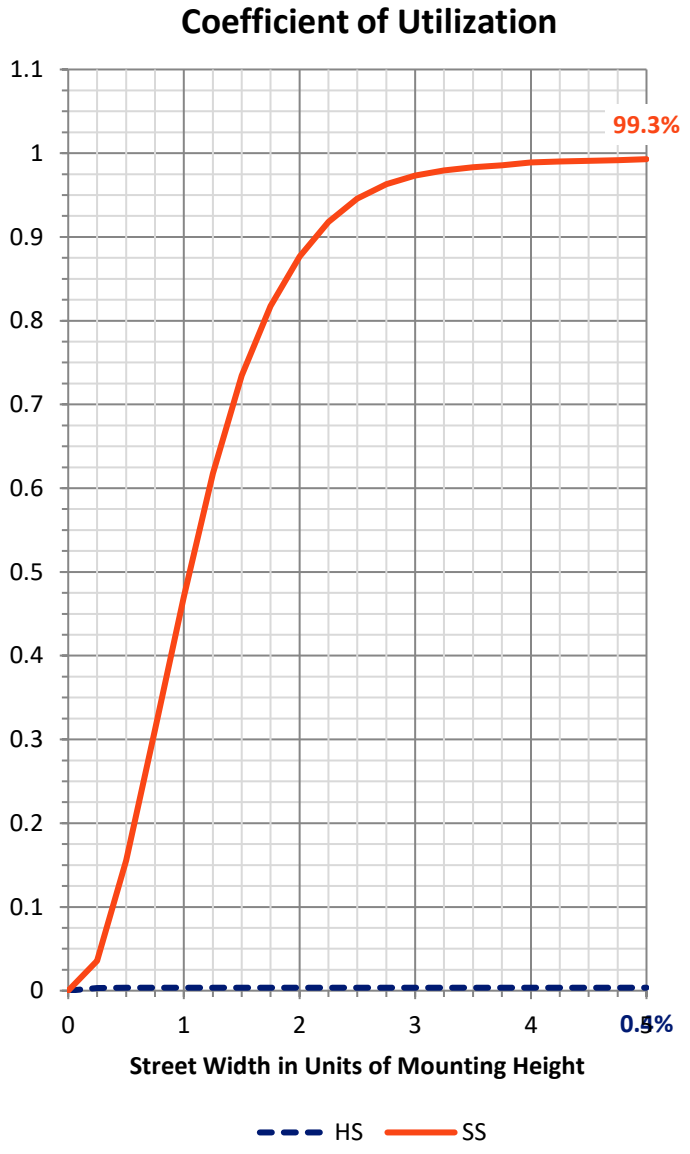
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.0	0.0	80.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21835.7	0.0	21835.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	21915.7	0.0	21915.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	0.1
10°-20°	251.9	1.1
20°-30°	908.0	4.1
30°-40°	2077.5	9.5
40°-50°	3503.9	16.0
50°-60°	5782.2	26.4
60°-70°	6462.4	29.5
70°-80°	2668.2	12.2
80°-90°	240.5	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°	21915.7	100.0
0°-180°	21915.7	100.0



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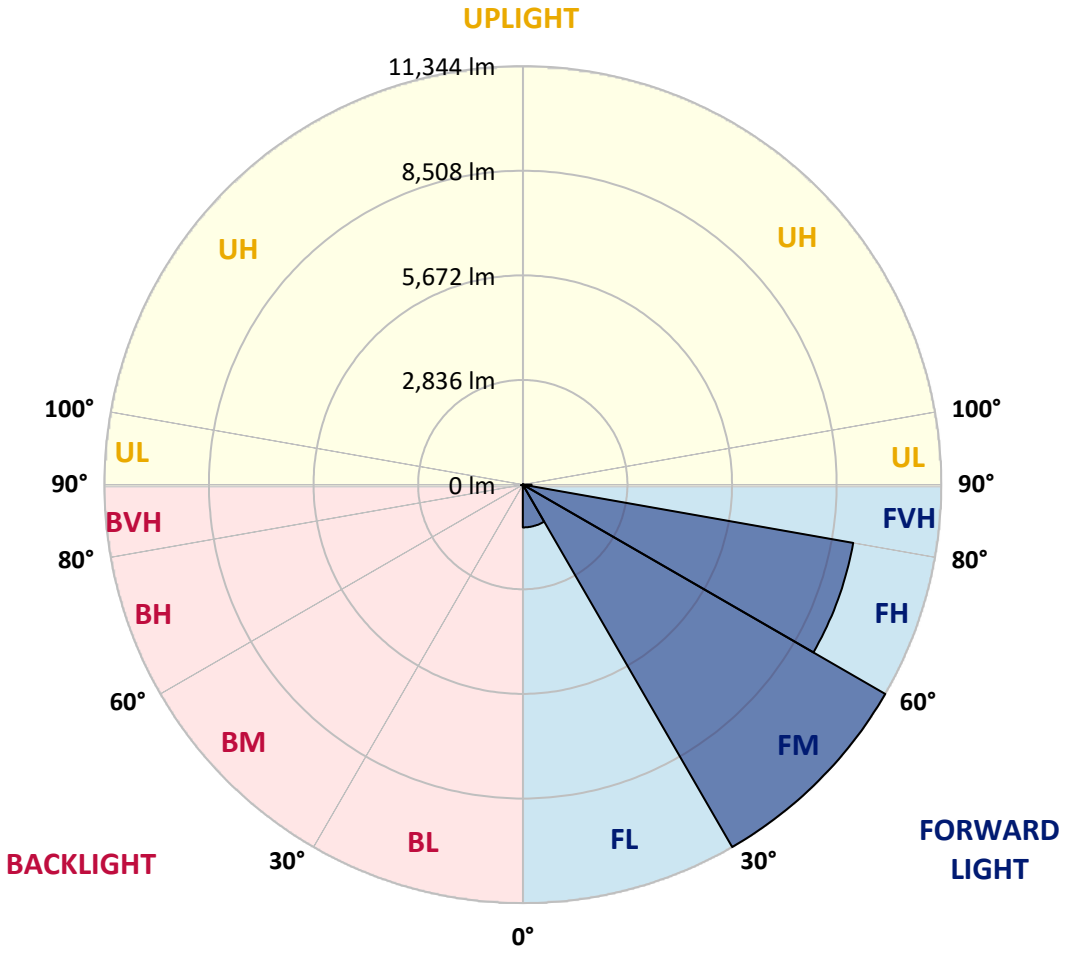
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1160.0	5.3			
FM	(30°-60°)	11344.4	51.8			
FH	(60°-80°)	9094.0	41.5			G4/12000
FVH	(80°-90°)	237.2	1.1			G3/500
BL	(0°-30°)	20.9	0.1	B0/110		
BM	(30°-60°)	19.2	0.1	B0/220		
BH	(60°-80°)	36.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	143.3	143.3	143.3	143.3	143.3	*143.3*	143.3	143.3	143.3	143.3	143.3
2.5°	172.0	177.7	172.0	172.0	172.0	*166.2*	166.2	160.5	160.5	154.8	149.0
5°	252.2	252.2	235.0	223.5	212.1	*206.3*	200.6	189.2	177.7	166.2	154.8
7.5°	561.7	561.7	510.1	441.4	349.6	*298.1*	286.6	235.0	200.6	177.7	154.8
10°	1341.3	1341.3	1226.6	1037.5	802.5	*596.1*	533.1	338.2	240.7	189.2	160.5
12.5°	2229.7	2258.4	2115.1	1874.3	1524.7	*1163.6*	1037.5	619.0	321.0	206.3	160.5
15°	3026.4	2957.6	2917.5	2688.2	2355.8	*1925.9*	1765.4	1043.2	464.3	235.0	160.5
17.5°	3565.2	3565.2	3507.9	3353.1	3049.3	*2671.0*	2539.2	1685.2	750.9	269.4	166.2
20°	4195.7	4195.7	4092.5	3983.6	3714.2	*3393.3*	3267.2	2395.9	1163.6	343.9	166.2
22.5°	4958.1	4969.5	4854.9	4660.0	4402.1	*4046.7*	3937.8	3055.1	1685.2	458.5	172.0
25°	5886.6	5898.1	5731.9	5548.4	5152.9	*4768.9*	4602.7	3811.7	2321.4	642.0	172.0
27.5°	6912.6	6992.9	6746.4	6431.1	6012.7	*5531.2*	5405.1	4493.8	2951.9	905.6	183.4
30°	8190.8	8190.8	7864.1	7422.7	6969.9	*6373.8*	6213.3	5210.3	3622.5	1255.3	194.9
32.5°	9291.3	9205.4	8786.9	8322.7	7841.2	*7285.2*	7113.2	5961.1	4310.4	1690.9	217.8
35°	10133.9	10059.4	9543.5	9044.9	8626.4	*8116.3*	7910.0	6775.1	5038.3	2183.8	252.2
37.5°	10856.1	10827.5	10128.2	9503.4	9228.3	*8781.2*	8597.8	7543.1	5754.8	2716.9	292.3
40°	11647.1	11555.4	10810.3	10036.5	9623.8	*9262.7*	9096.5	8162.2	6442.6	3341.7	349.6
42.5°	12323.5	12214.6	11544.0	10787.3	10082.3	*9595.1*	9434.6	8683.8	7113.2	3966.4	424.2
45°	13074.4	13017.0	12340.7	11767.5	10827.5	*10047.9*	9835.9	9102.2	7726.5	4711.6	521.6
47.5°	14203.5	14100.4	13469.9	12999.8	11910.8	*10735.8*	10432.0	9532.1	8316.9	5445.3	670.6
50°	15516.1	15447.3	15074.8	14702.2	13618.9	*11910.8*	11549.7	10151.1	8976.1	6316.5	865.5
52.5°	16588.0	16576.5	16622.4	16628.1	15808.5	*13888.3*	13349.5	11148.5	9732.7	7176.3	1140.6
55°	16565.1	16616.6	17121.0	17700.0	17763.0	*16588.0*	16066.4	12827.9	10718.6	8236.7	1524.7
57.5°	15946.0	15905.9	16439.0	17310.2	17923.5	*18049.6*	17963.6	15435.9	12203.1	9514.9	2115.1
58°	*15745.4*	*15711.0*	*16215.4*	*17103.8*	*17808.9*	*18147.0*	*18061.1*	*16026.3*	*12535.6*	*9698.3*	*2275.5*
60°	15017.5	15023.2	15321.2	16129.4	16834.5	*17636.9*	17717.2	17711.4	14192.1	10924.9	3083.7
62.5°	14054.5	14008.6	14283.8	14942.9	15562.0	*16100.8*	16238.3	17826.1	16616.6	12484.0	4625.6
65°	12724.7	12655.9	12948.3	13693.4	14358.3	*14707.9*	14713.7	16289.9	17757.3	14157.7	6826.6
67.5°	10254.3	10197.0	10781.6	11738.8	12764.8	*13223.4*	13429.7	14134.7	16794.3	15292.6	8087.6
70°	6282.1	6402.5	7216.4	8718.1	10472.1	*11314.7*	11624.2	11842.0	14301.0	15120.6	6763.6
72.5°	2900.3	2757.0	3450.6	4499.5	6499.9	*8374.2*	8695.2	9549.3	11337.6	13125.9	5044.0
75°	1352.7	1301.1	1461.6	1966.0	2946.2	*4522.4*	5107.1	7623.4	8695.2	9130.8	3639.7
77.5°	693.6	699.3	831.1	894.2	1215.2	*2092.1*	2401.6	5015.4	6373.8	5095.6	2441.8
80°	303.8	315.3	321.0	349.6	492.9	*808.2*	911.4	2327.1	4356.2	2596.5	1335.5
82.5°	194.9	200.6	200.6	200.6	235.0	*321.0*	366.8	934.3	2172.4	1289.7	412.7
85°	103.2	103.2	114.6	143.3	166.2	*194.9*	206.3	298.1	716.5	384.0	97.4
87.5°	57.3	63.1	68.8	86.0	108.9	*131.8*	143.3	206.3	275.1	263.7	22.9
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-SA8A-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2.5°	149.0	143.3	137.6	131.8	126.1	120.4	120.4	120.4	120.4	120.4	120.4
5°	143.3	137.6	131.8	120.4	108.9	103.2	97.4	91.7	91.7	91.7	91.7
7.5°	143.3	137.6	120.4	108.9	97.4	86.0	74.5	74.5	74.5	74.5	74.5
10°	143.3	131.8	114.6	97.4	80.2	68.8	63.1	57.3	57.3	57.3	57.3
12.5°	143.3	126.1	108.9	86.0	68.8	57.3	51.6	45.9	45.9	45.9	45.9
15°	143.3	126.1	103.2	80.2	63.1	45.9	40.1	34.4	34.4	34.4	34.4
17.5°	137.6	120.4	97.4	68.8	51.6	34.4	28.7	22.9	22.9	28.7	28.7
20°	131.8	114.6	86.0	57.3	40.1	28.7	17.2	17.2	17.2	17.2	17.2
22.5°	131.8	114.6	80.2	51.6	34.4	17.2	11.5	11.5	11.5	11.5	17.2
25°	131.8	108.9	68.8	40.1	22.9	11.5	5.7	5.7	5.7	5.7	5.7
27.5°	131.8	108.9	63.1	34.4	17.2	11.5	5.7	0.0	0.0	0.0	0.0
30°	126.1	103.2	57.3	28.7	11.5	5.7	0.0	0.0	0.0	0.0	0.0
32.5°	126.1	97.4	45.9	22.9	11.5	5.7	0.0	0.0	0.0	0.0	0.0
35°	131.8	91.7	40.1	17.2	5.7	0.0	0.0	0.0	0.0	0.0	5.7
37.5°	137.6	86.0	34.4	11.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	143.3	80.2	34.4	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	154.8	80.2	28.7	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	166.2	80.2	22.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	189.2	86.0	22.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	206.3	91.7	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	229.3	86.0	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	257.9	86.0	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	280.9	80.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*292.3*	*74.5*	*11.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	349.6	68.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	544.5	57.3	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1106.2	51.6	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2063.5	45.9	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2309.9	51.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1455.9	40.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	768.1	40.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	384.0	40.1	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	177.7	28.7	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	74.5	17.2	11.5	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	34.4	17.2	11.5	11.5	5.7	5.7	0.0	0.0	0.0	0.0	0.0
87.5°	17.2	17.2	17.2	11.5	11.5	5.7	5.7	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: SP1-2407-184-15

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

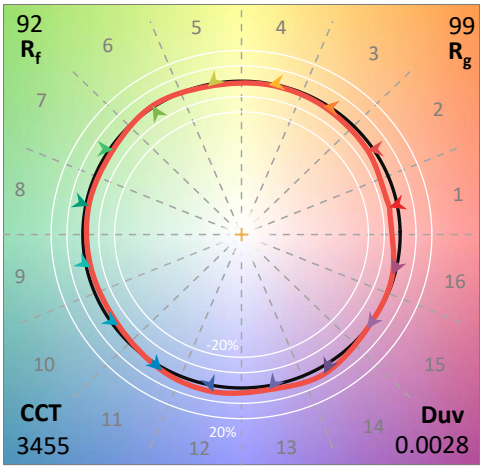
Test Information

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

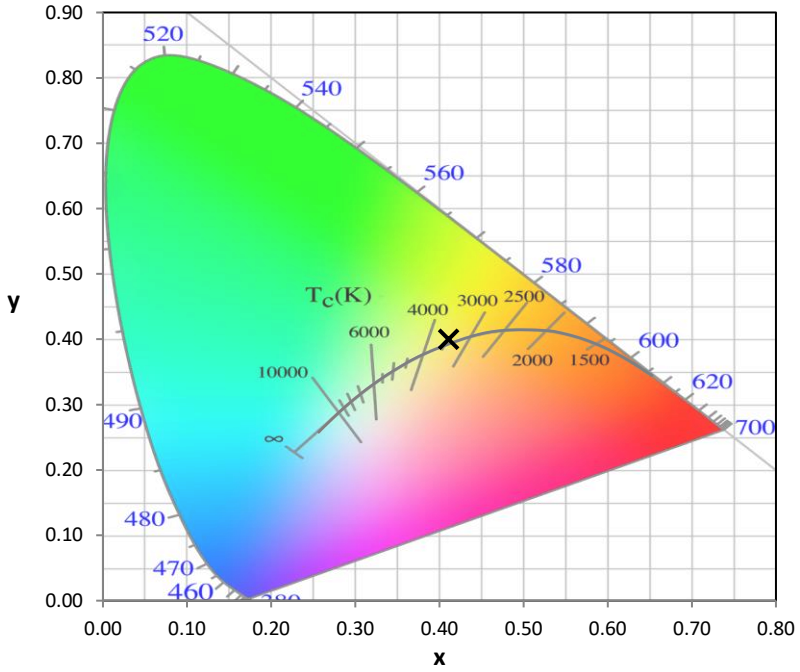
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

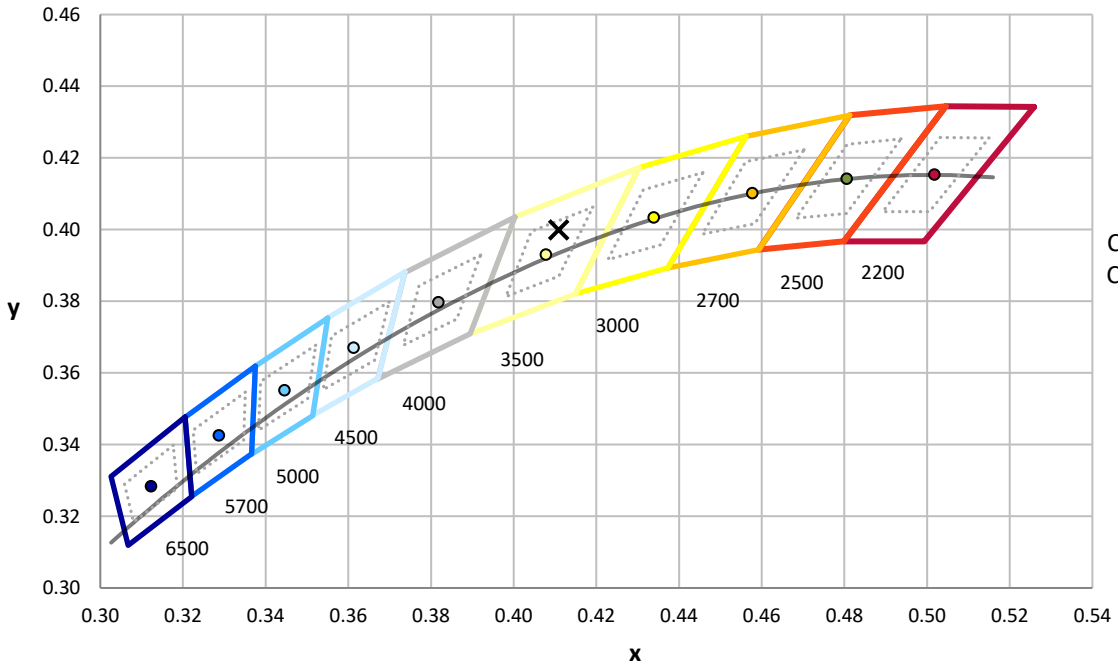
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

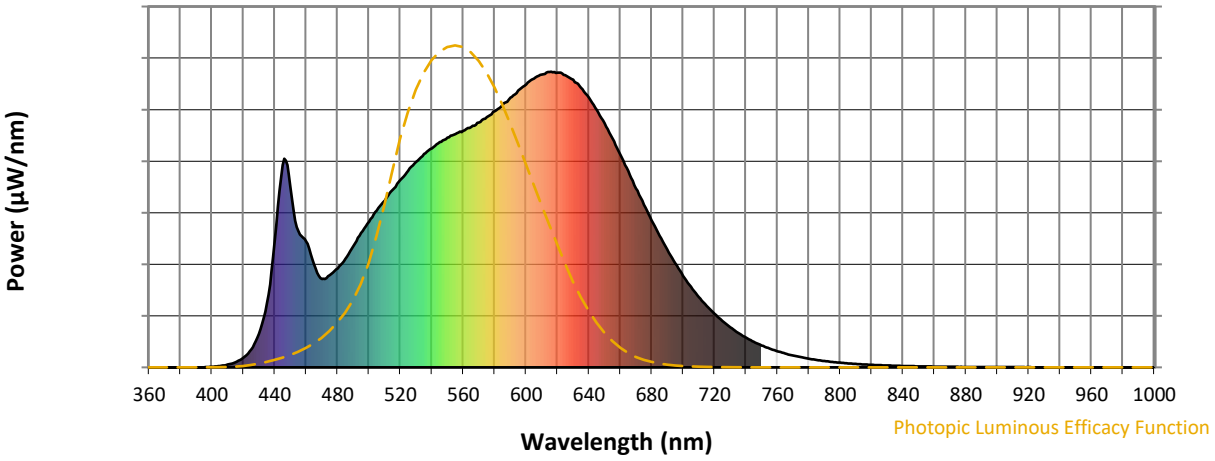


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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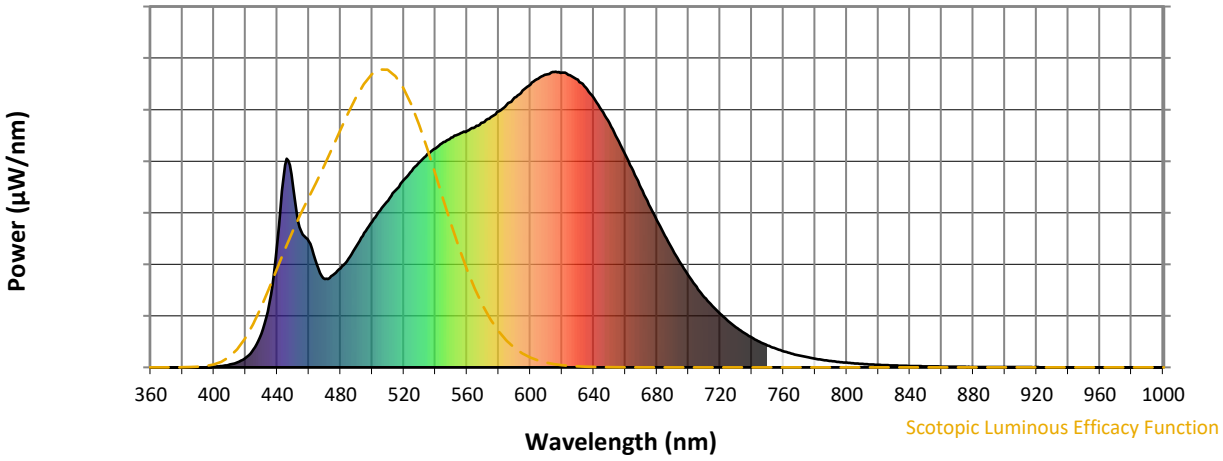
Scotopic Flux vs. Wavelength



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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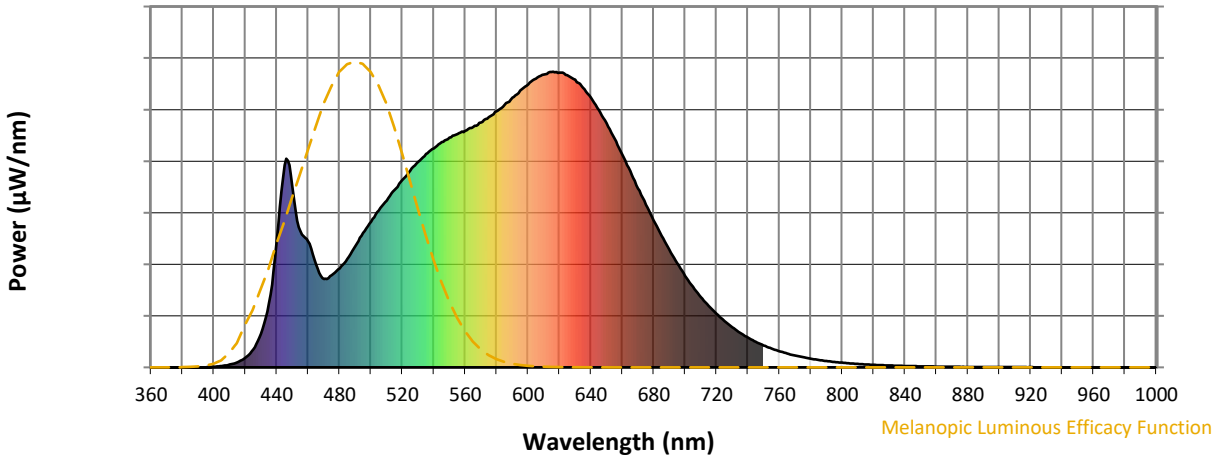
Melanopic Flux vs. Wavelength



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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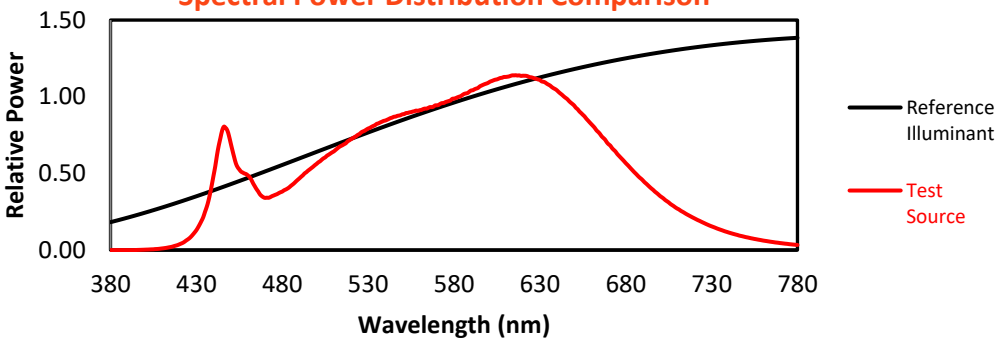
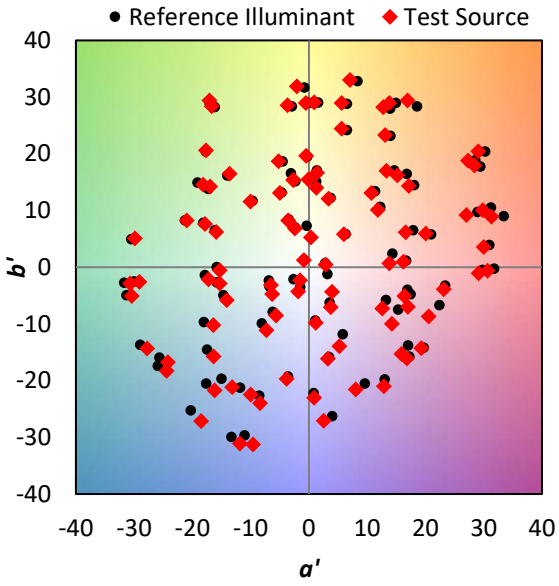
Summary

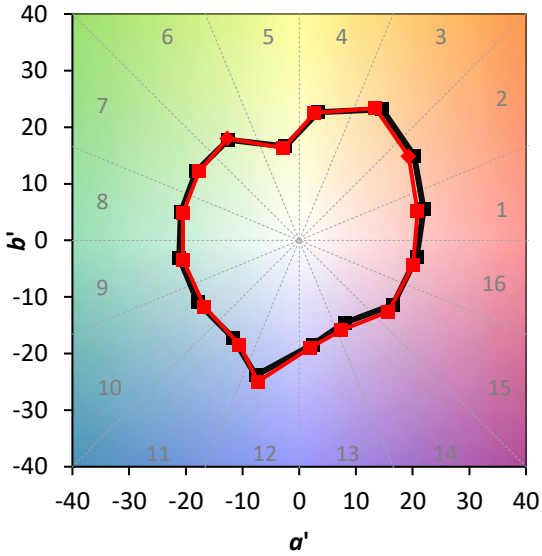
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

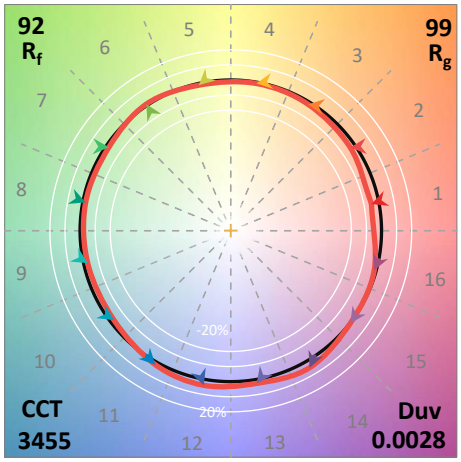
Spectral Power Distribution Comparison

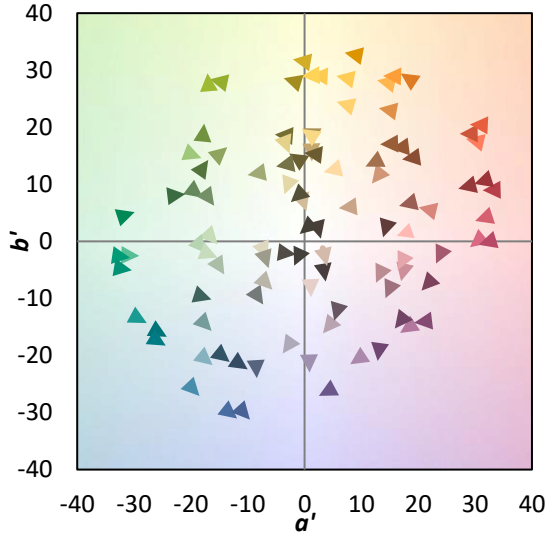


Color Vector Graphics









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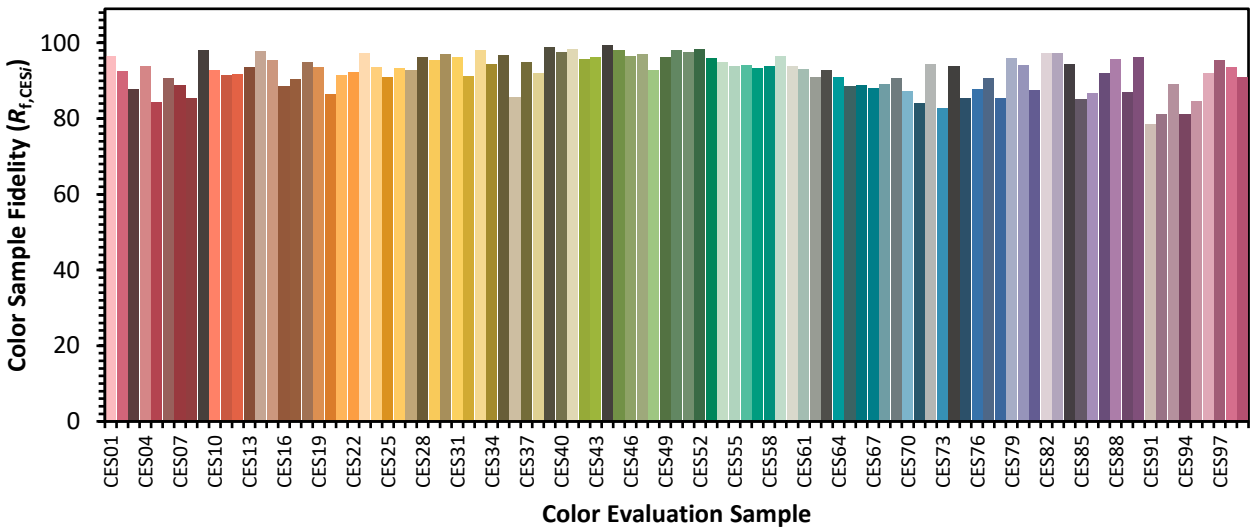
Individual Sample Fidelity Index ($R_{f,i}$)

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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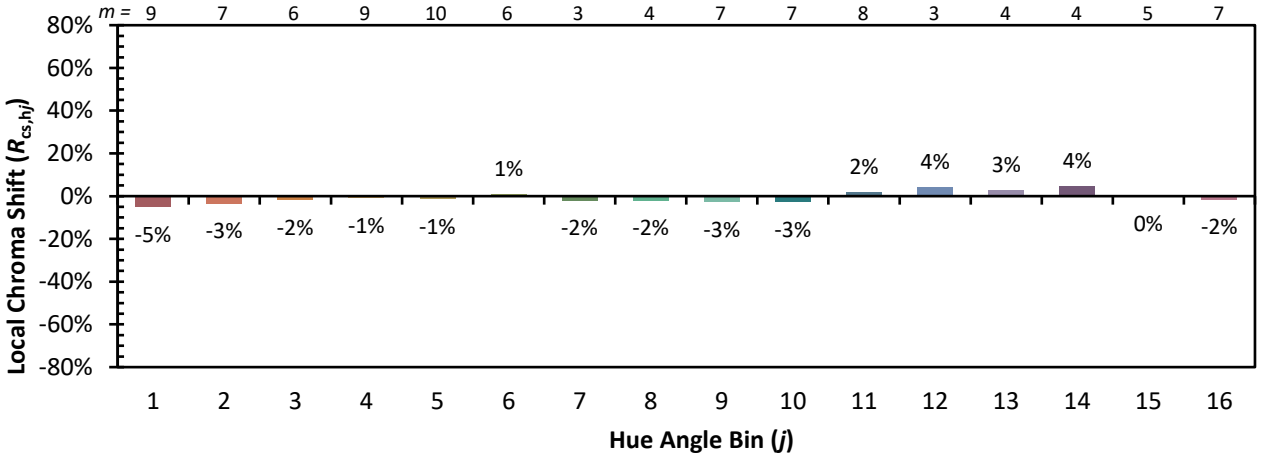
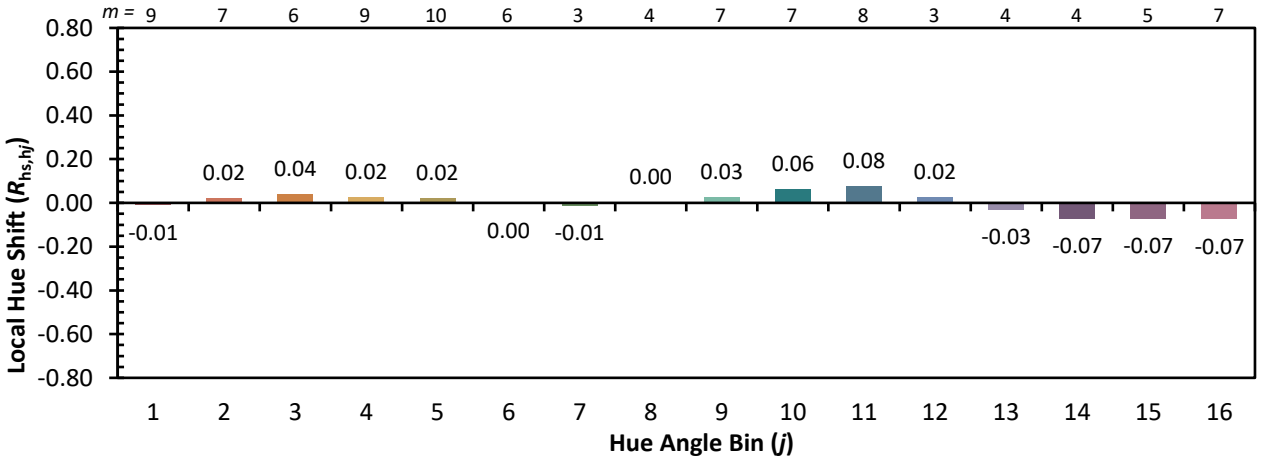
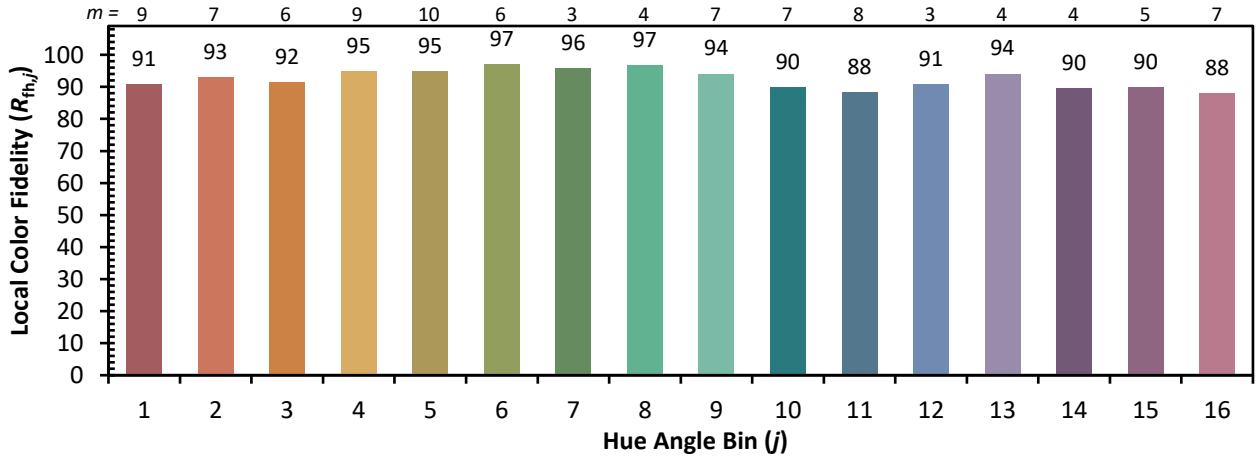
Color Rendition by Hue-Angle Bin







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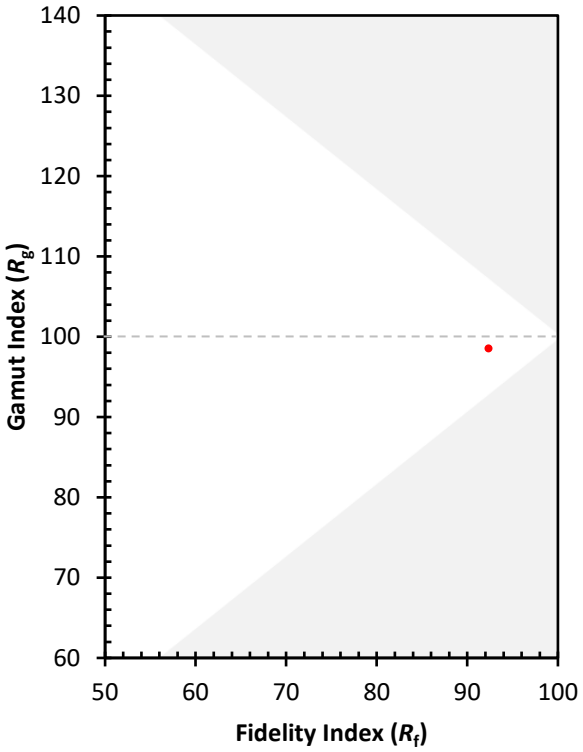
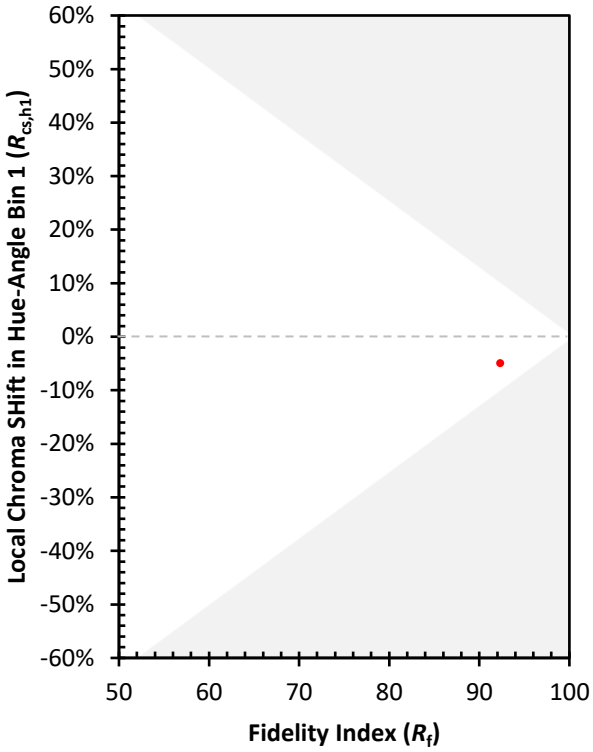
Measure Comparisons





(END OF REPORT)