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: P1048163

Luminaire Tested: **GALN-SA9C-935-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:	P1048163
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9C-935-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35986.4 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 - G5

Input Watts (W):	417.1
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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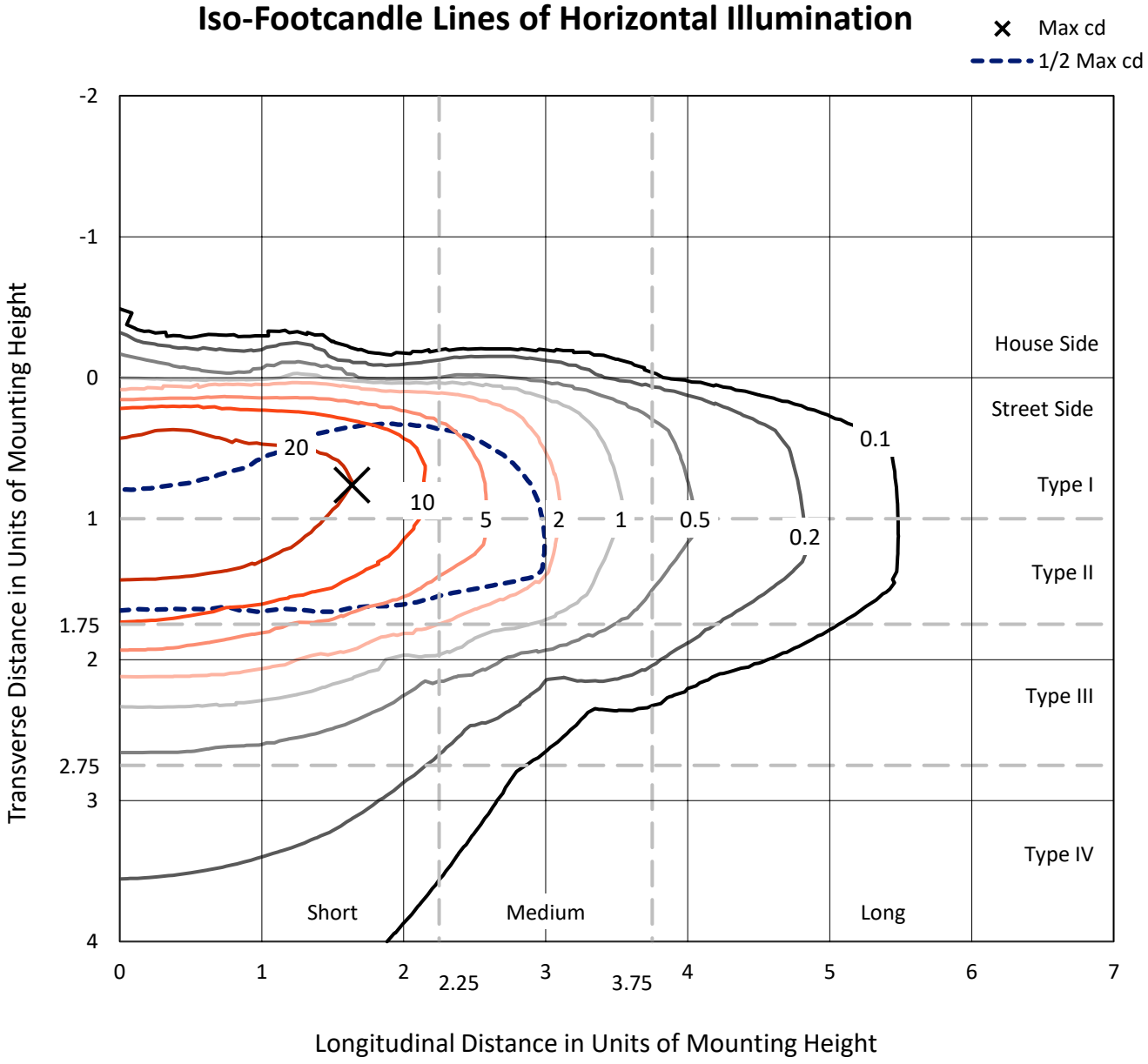
REPORT NUMBER: P1048163
CATALOG NUMBER: GALN-SA9C-935-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 47.6 fc
Type II - Short - N/A

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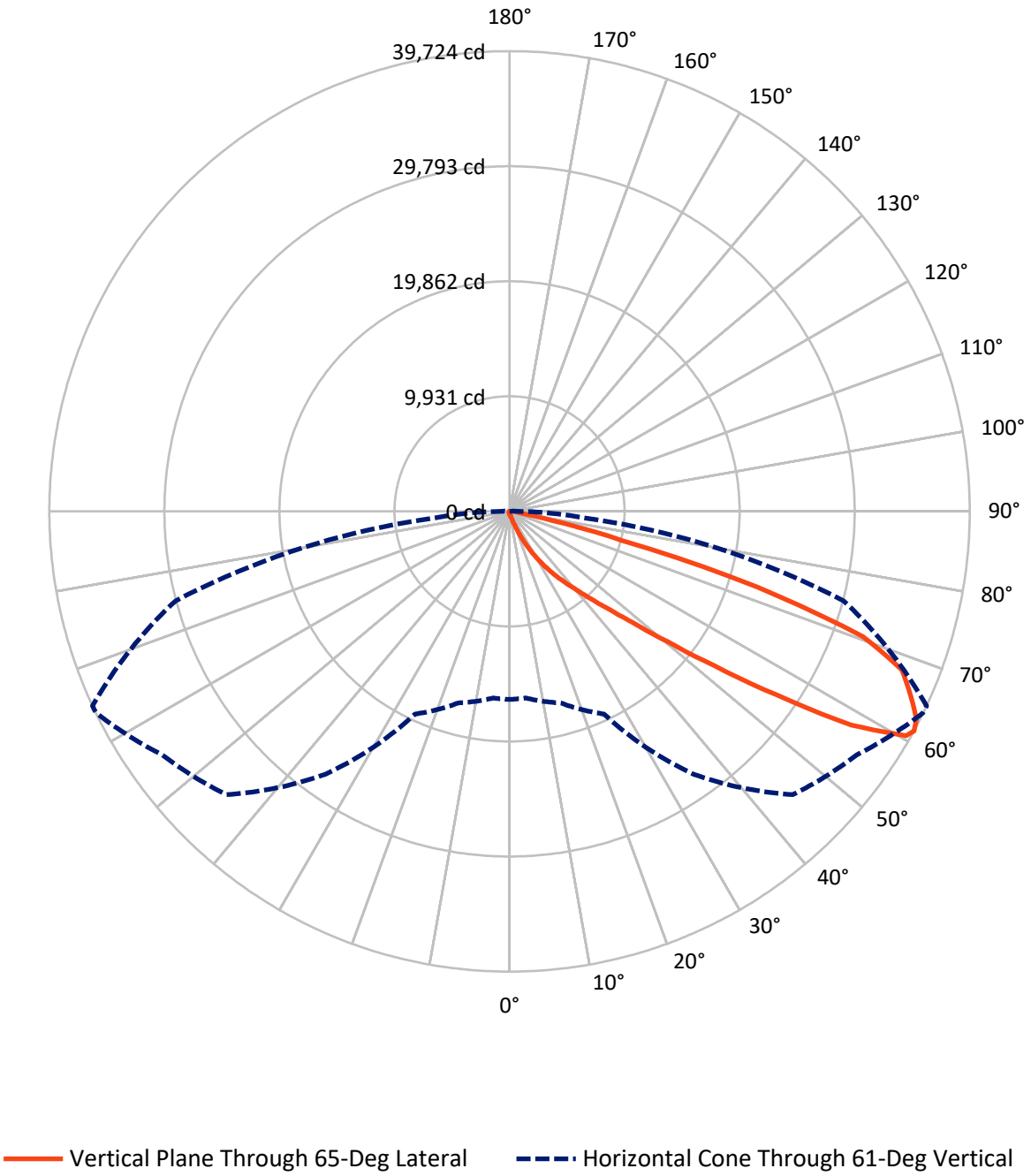
Luminous Intensity Polar Plot



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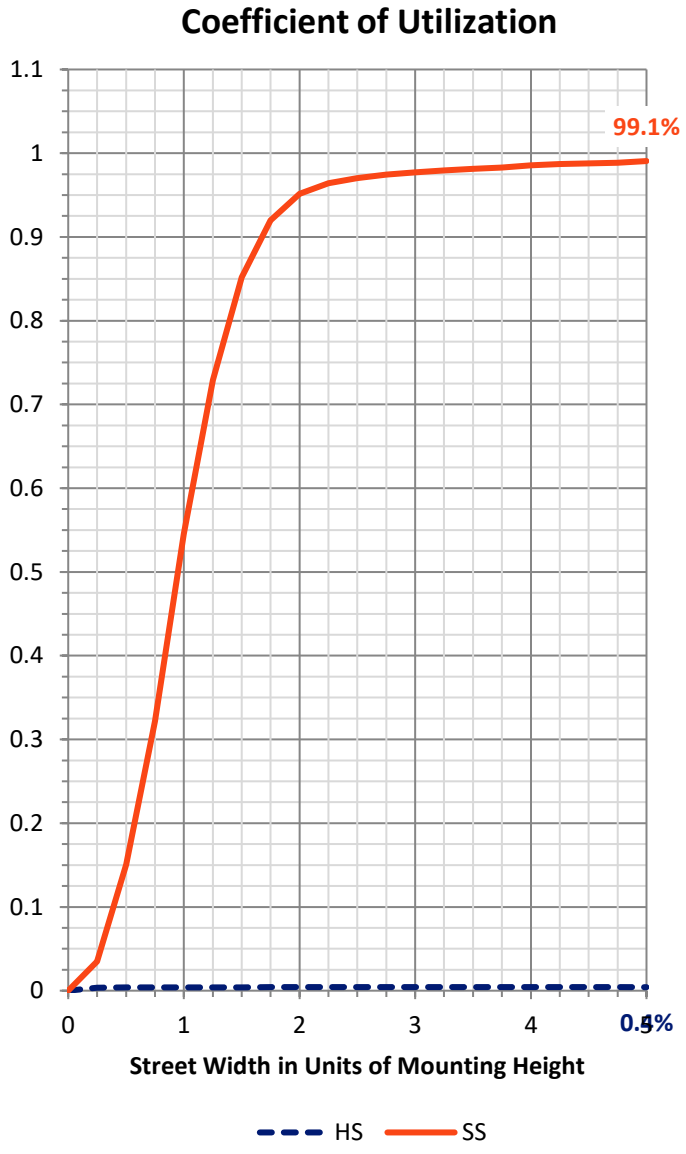
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	153.6	0.0	153.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35832.8	0.0	35832.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	35986.4	0.0	35986.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	0.1
10°-20°	295.9	0.8
20°-30°	1062.0	3.0
30°-40°	2827.5	7.9
40°-50°	7427.8	20.6
50°-60°	11507.1	32.0
60°-70°	9648.5	26.8
70°-80°	2839.4	7.9
80°-90°	350.3	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°	35986.4	100.0
0°-180°	35986.4	100.0



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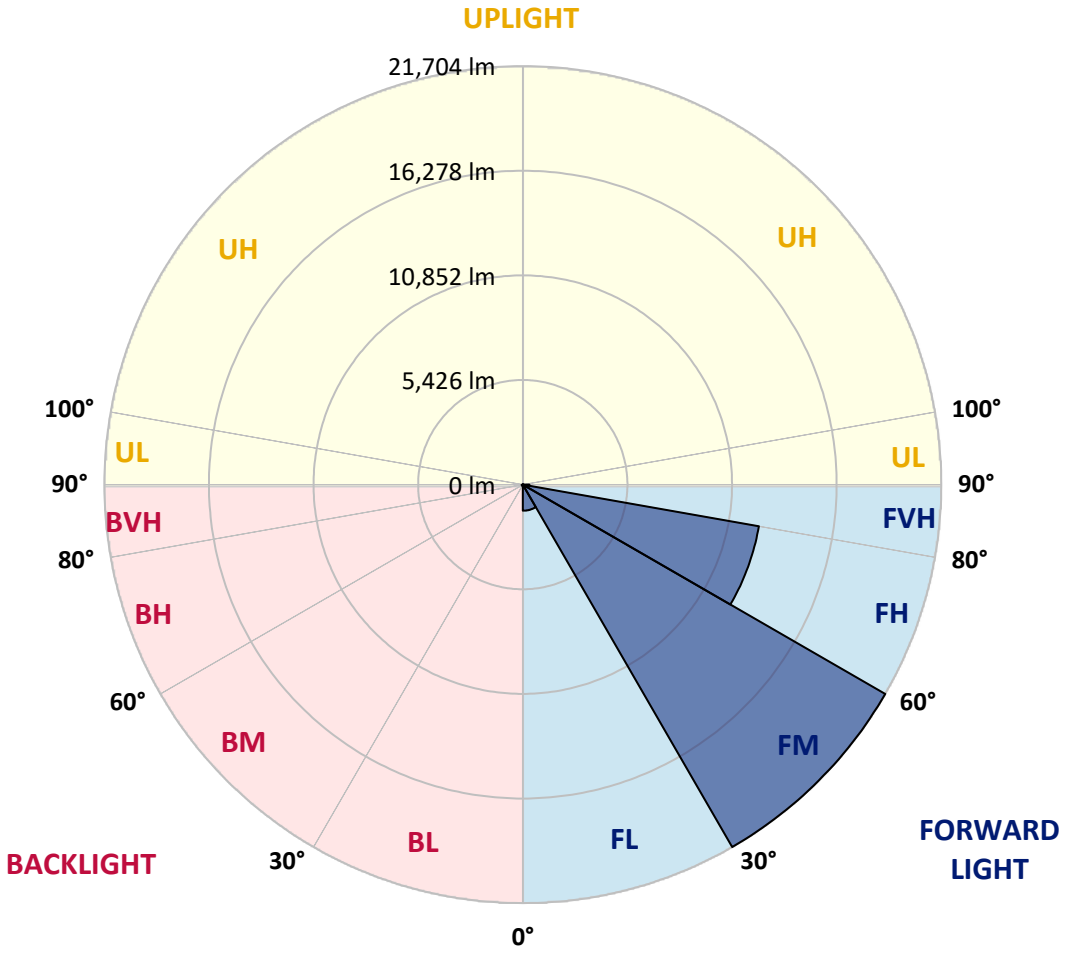
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1351.5	3.8			
FM	(30°-60°)	21703.9	60.3			
FH	(60°-80°)	12433.7	34.6			G5
FVH	(80°-90°)	343.8	1.0			G3/500
BL	(0°-30°)	34.5	0.1	B0/110		
BM	(30°-60°)	58.5	0.2	B0/220		
BH	(60°-80°)	54.2	0.2	B0/110		G0/110
BVH	(80°-90°)	6.5	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	*220.3*	220.3	220.3
2.5°	267.4	269.8	264.9	255.0	247.5	247.5	245.1	237.6	*237.6*	230.2	225.3
5°	373.8	368.8	358.9	339.1	321.8	304.5	287.2	269.8	*267.4*	245.1	230.2
7.5°	611.4	616.4	584.2	522.3	470.3	403.5	341.6	304.5	*299.5*	262.4	232.7
10°	1341.7	1304.6	1230.3	990.2	814.4	613.9	455.5	354.0	*349.0*	282.2	237.6
12.5°	2445.8	2416.1	2279.9	2032.4	1579.4	1099.1	665.9	438.2	*423.3*	299.5	240.1
15°	3525.1	3478.0	3403.8	3153.8	2624.0	1970.5	1089.2	599.1	*559.5*	324.3	237.6
17.5°	4213.3	4220.7	4153.9	4047.4	3705.8	2916.1	1881.4	893.6	*816.9*	368.8	232.7
20°	4814.8	4797.5	4834.6	4777.7	4537.6	3963.2	2737.9	1416.0	*1284.8*	440.6	235.2
22.5°	5507.9	5550.0	5577.3	5564.9	5300.0	4809.9	3710.7	2119.0	*1953.2*	571.8	242.6
25°	6436.2	6431.3	6433.8	6401.6	6144.1	5599.5	4686.1	2992.9	*2824.5*	784.7	259.9
27.5°	7409.1	7438.8	7451.2	7334.8	6998.2	6463.5	5589.6	3948.4	*3750.4*	1126.3	282.2
30°	8738.4	8713.7	8656.8	8419.1	8010.7	7347.2	6480.8	4951.0	*4743.0*	1604.1	316.9
32.5°	10530.7	10503.5	10216.3	9691.5	9080.1	8268.1	7376.9	5956.0	*5703.5*	2200.7	363.9
35°	13483.9	13526.0	12820.5	11461.5	10364.8	9374.6	8369.6	6956.1	*6733.3*	2935.9	428.3
37.5°	18006.6	17776.4	16818.4	14417.2	12055.6	10756.0	9317.7	7966.1	*7773.0*	3841.9	512.4
40°	22400.6	22172.9	21895.6	19620.6	14994.0	12278.4	10644.6	9151.8	*8901.8*	4864.3	636.2
42.5°	27019.9	26893.6	26881.2	25165.7	20355.9	14672.2	12241.2	10540.6	*10327.7*	5985.7	839.2
45°	30292.4	30166.2	30431.1	30730.6	27658.5	19801.4	15021.2	12345.2	*12035.8*	7347.2	1163.5
47.5°	30733.1	30738.0	31446.0	32384.2	33084.8	27735.3	18724.5	14736.5	*14360.3*	9295.4	1708.1
50°	29267.6	29324.5	30450.9	32129.2	34015.6	34391.8	25254.8	18207.2	*17650.2*	11605.0	2480.4
52.5°	26477.7	26542.1	28111.5	30871.7	33159.0	35991.0	32943.7	22747.2	*22106.0*	14486.5	3569.6
55°	23965.1	24004.7	25804.4	29292.3	32126.8	35122.1	37508.5	28809.6	*27968.0*	18031.4	4644.0
57.5°	21477.3	21385.7	22556.6	26549.5	31951.0	34055.2	38181.8	35718.7	*34790.4*	21905.5	5480.7
60°	18150.2	17996.7	18937.4	21477.3	29638.9	34755.7	36921.8	39540.8	*39330.4*	27299.6	6126.8
61°	*16236.7*	*16172.3*	*17117.9*	*19296.4*	*27693.2*	*34577.5*	*36619.8*	*39701.7*	*39724.0*	*29851.8*	*6416.4*
62.5°	11595.1	11778.3	13224.0	16056.0	23195.2	33421.4	36659.4	39204.2	*39424.5*	33243.2	7166.5
65°	5153.9	5448.5	6572.4	8877.1	13488.9	27802.1	36307.9	38112.5	*38003.6*	34174.0	9750.9
67.5°	3057.2	3101.8	3661.2	5030.2	7144.2	14954.4	32040.1	36669.3	*36523.2*	29750.3	12132.3
70°	2408.6	2430.9	2609.2	3156.2	4146.4	5728.3	18286.4	31725.7	*32361.9*	24123.5	11877.4
72.5°	2284.9	2279.9	2304.7	2401.2	2611.6	2841.9	7079.9	21088.6	*22383.3*	17372.9	9958.9
75°	2255.2	2245.3	2220.5	2183.4	1891.3	1673.4	2193.3	9327.6	*10077.7*	11869.9	7498.2
77.5°	2188.3	2190.8	2195.8	2094.3	1621.4	1183.3	1062.0	2992.9	*3681.0*	7532.9	5329.7
80°	1480.3	1502.6	1539.7	1500.1	1458.1	856.5	750.1	1064.5	*1079.3*	4228.1	3520.1
82.5°	750.1	750.1	732.7	653.5	564.4	557.0	596.6	772.3	*782.3*	2138.8	1656.1
85°	453.0	477.8	487.7	443.1	406.0	373.8	455.5	613.9	*636.2*	829.3	386.2
87.5°	101.5	104.0	113.9	151.0	220.3	299.5	423.3	561.9	*571.8*	532.2	47.0
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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CATALOG NUMBER: GALN-SA9C-935-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2.5°	222.8	217.8	215.4	207.9	200.5	193.1	188.1	185.7	188.1	190.6	190.6
5°	220.3	212.9	200.5	188.1	178.2	168.3	158.4	156.0	156.0	158.4	158.4
7.5°	220.3	207.9	190.6	175.8	160.9	146.1	138.6	133.7	136.2	136.2	136.2
10°	220.3	205.5	183.2	160.9	143.6	126.2	113.9	108.9	108.9	108.9	108.9
12.5°	217.8	203.0	175.8	148.5	123.8	104.0	89.1	81.7	84.2	84.2	84.2
15°	212.9	195.6	165.9	126.2	99.0	79.2	64.4	56.9	59.4	64.4	66.8
17.5°	205.5	188.1	148.5	106.4	79.2	59.4	44.6	39.6	42.1	49.5	49.5
20°	203.0	180.7	131.2	86.6	59.4	42.1	29.7	24.8	27.2	37.1	39.6
22.5°	203.0	175.8	118.8	71.8	44.6	27.2	17.3	9.9	9.9	17.3	17.3
25°	205.5	173.3	108.9	59.4	32.2	19.8	9.9	5.0	9.9	27.2	32.2
27.5°	210.4	170.8	104.0	49.5	24.8	17.3	7.4	17.3	29.7	29.7	29.7
30°	215.4	165.9	96.5	42.1	22.3	12.4	12.4	24.8	24.8	29.7	32.2
32.5°	222.8	163.4	91.6	37.1	17.3	9.9	17.3	14.9	14.9	17.3	19.8
35°	237.6	165.9	86.6	37.1	17.3	12.4	14.9	7.4	5.0	5.0	5.0
37.5°	257.4	168.3	79.2	32.2	14.9	14.9	7.4	0.0	0.0	0.0	0.0
40°	289.6	175.8	74.3	29.7	12.4	12.4	2.5	0.0	0.0	0.0	0.0
42.5°	344.1	190.6	71.8	27.2	12.4	9.9	0.0	0.0	0.0	0.0	0.0
45°	453.0	225.3	66.8	24.8	12.4	5.0	0.0	0.0	0.0	0.0	0.0
47.5°	651.1	307.0	64.4	19.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	950.6	415.9	61.9	17.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1213.0	438.2	42.1	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1242.7	302.0	32.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	990.2	195.6	27.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	750.1	148.5	24.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*720.4*	*133.7*	*24.8*	*2.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	794.6	116.3	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1292.2	96.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2245.3	84.2	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2836.9	79.2	14.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2473.0	71.8	14.9	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	1487.8	61.9	14.9	9.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	779.8	47.0	14.9	12.4	7.4	2.5	0.0	0.0	0.0	0.0	0.0
80°	378.7	42.1	17.3	12.4	9.9	5.0	0.0	0.0	0.0	0.0	0.0
82.5°	148.5	34.7	19.8	17.3	12.4	7.4	2.5	0.0	0.0	0.0	0.0
85°	66.8	29.7	22.3	19.8	17.3	9.9	2.5	0.0	0.0	0.0	0.0
87.5°	34.7	27.2	24.8	22.3	17.3	12.4	5.0	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: SP1-2407-184-15

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

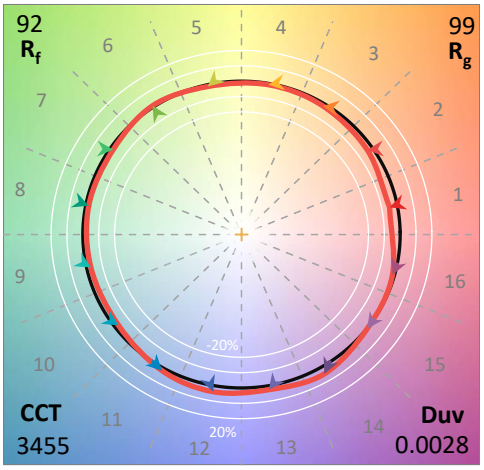
Test Information

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

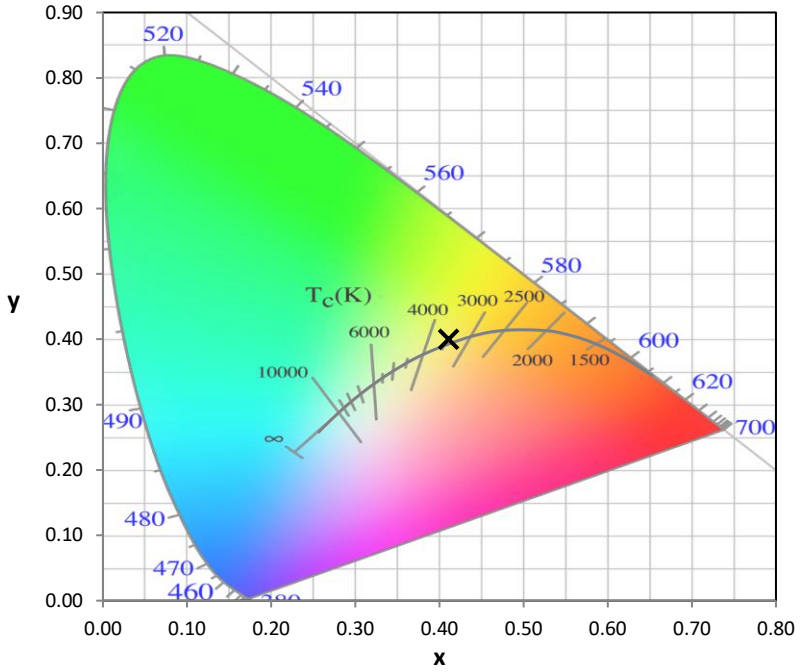
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

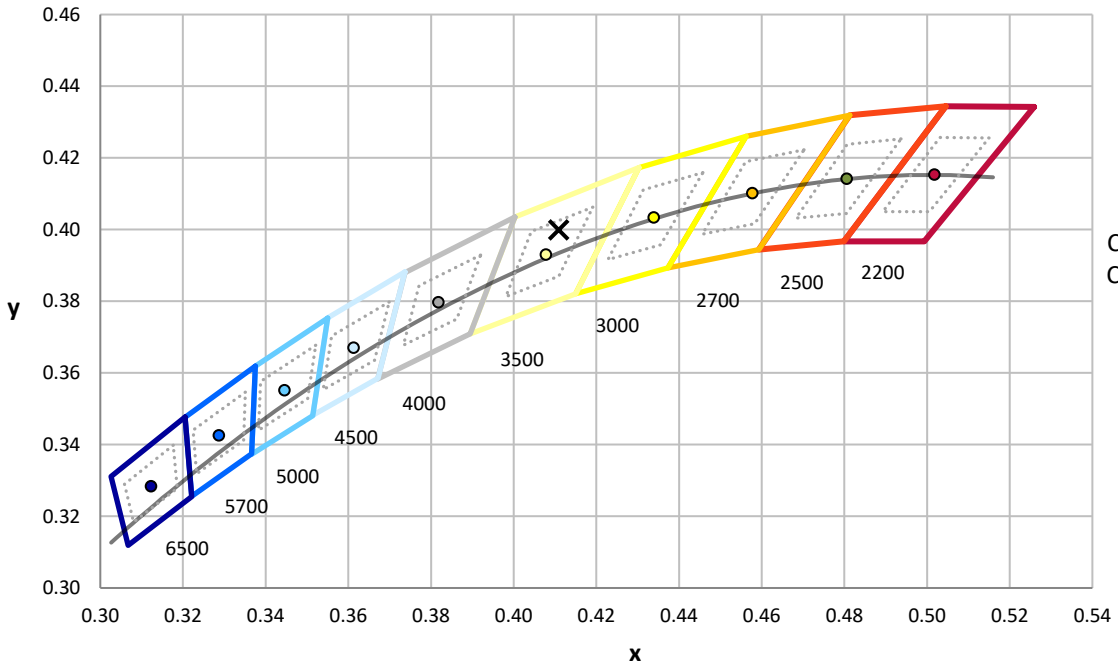
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

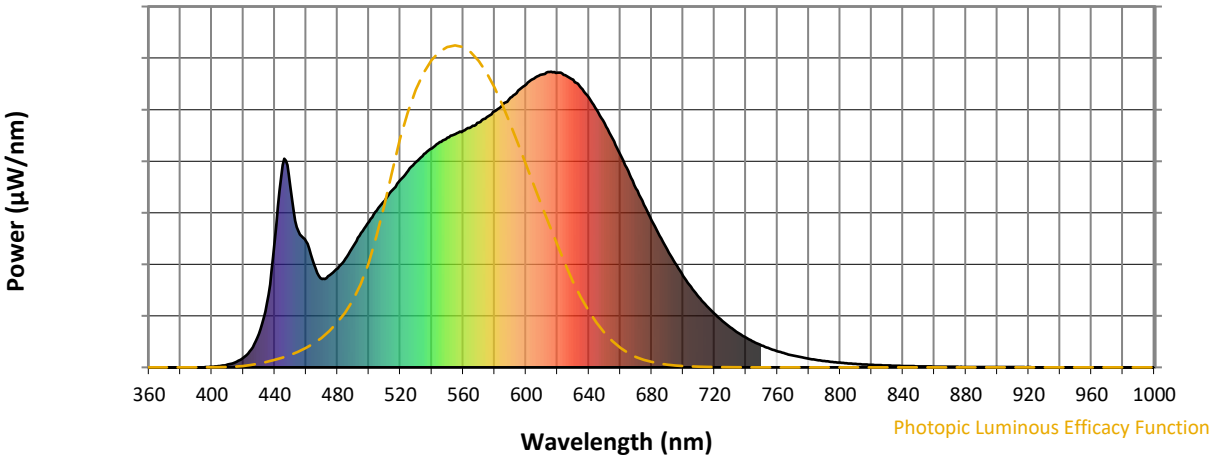


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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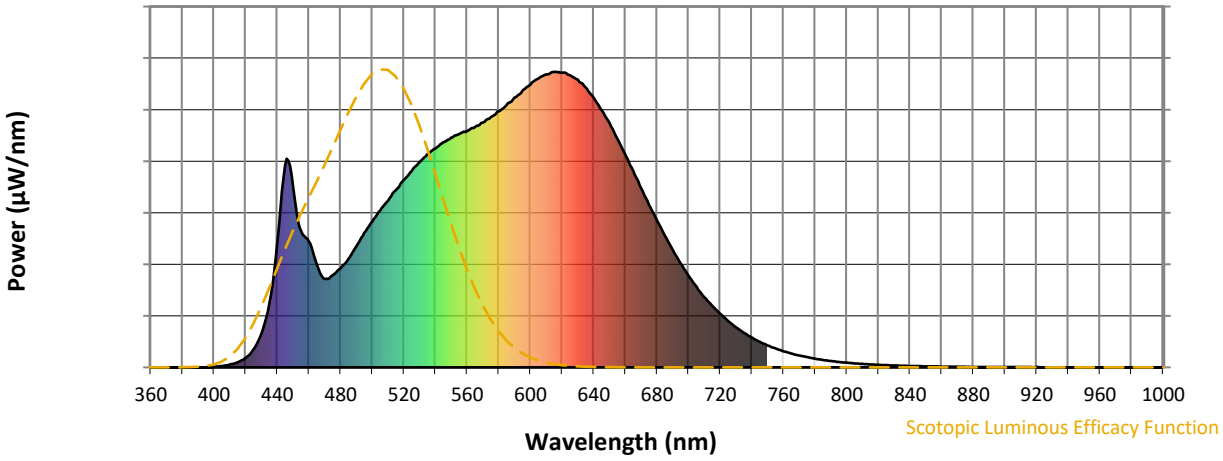
Scotopic Flux vs. Wavelength



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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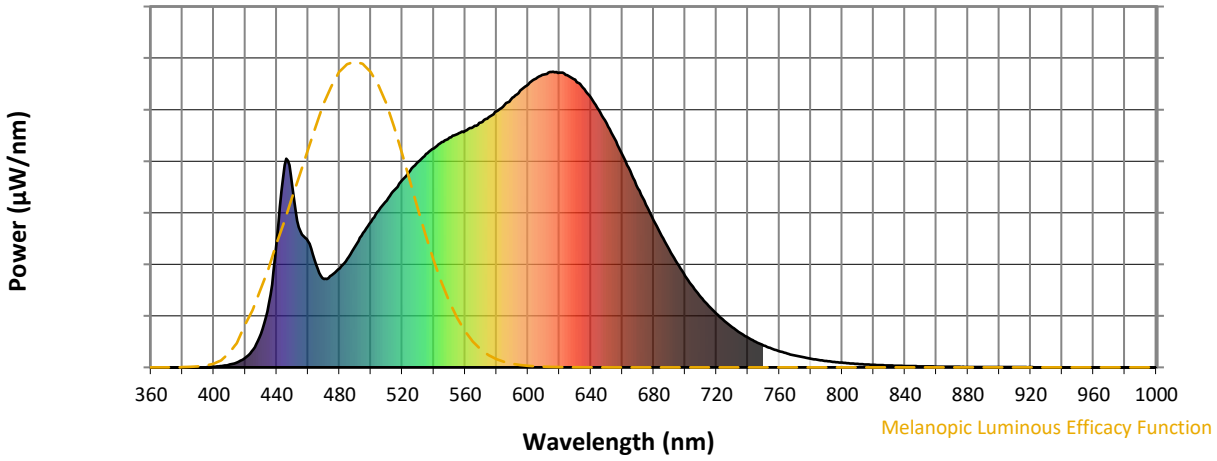
Melanopic Flux vs. Wavelength



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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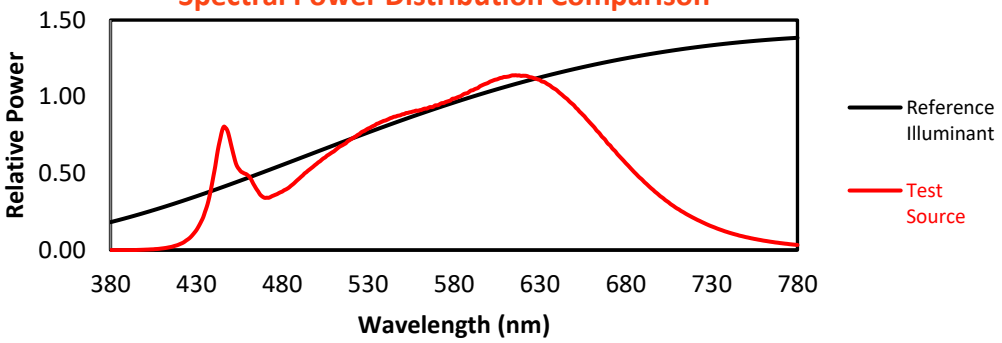
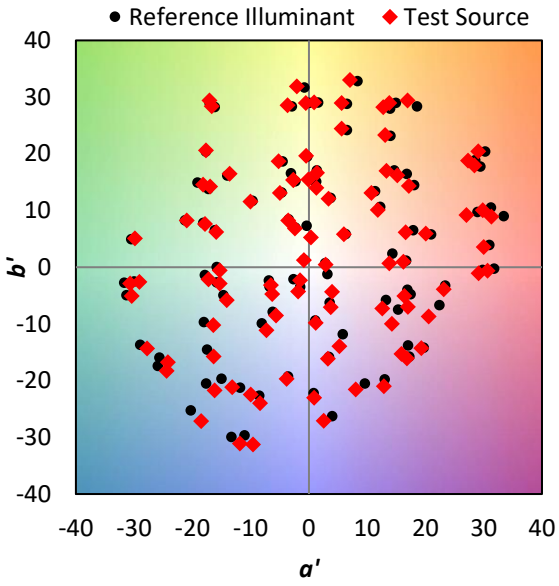
Summary

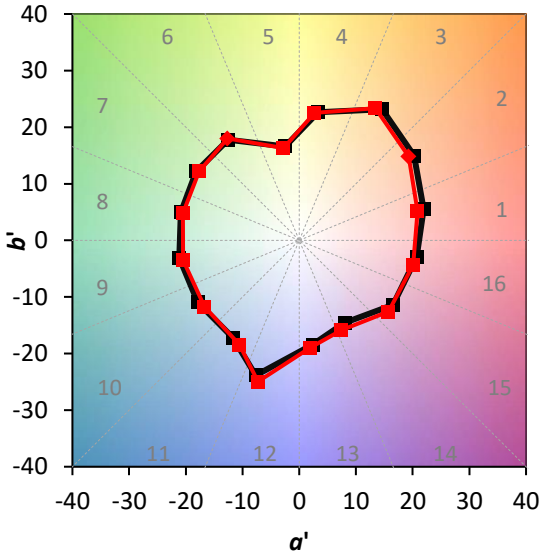
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

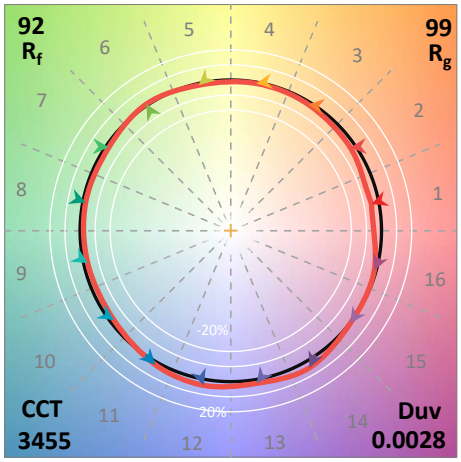
Spectral Power Distribution Comparison

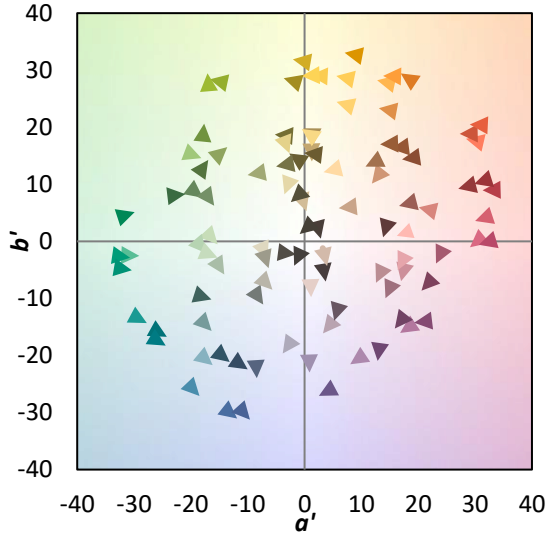


Color Vector Graphics









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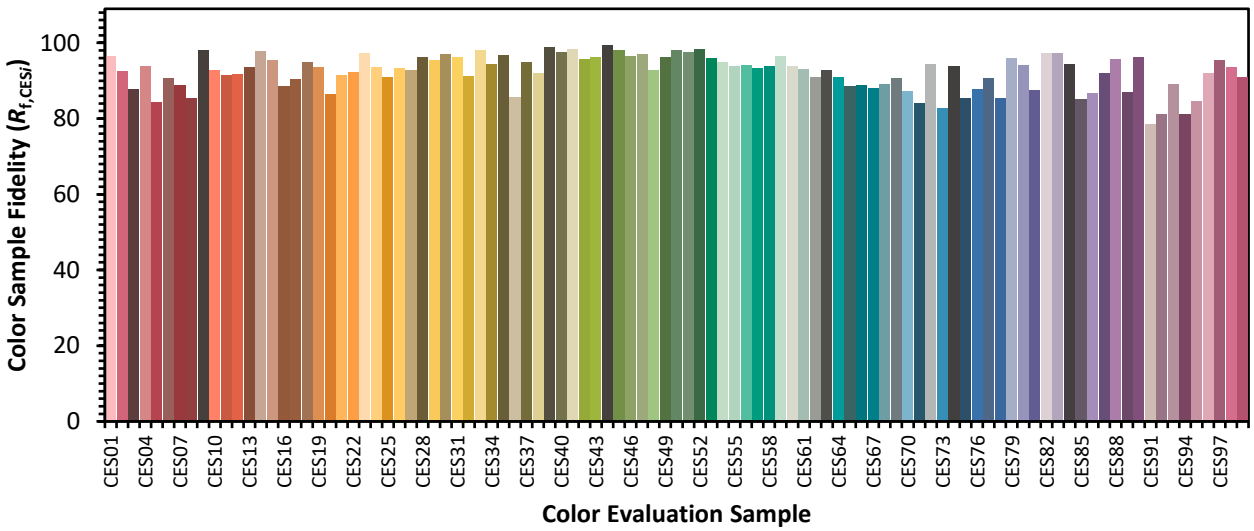
Individual Sample Fidelity Index ($R_{f,i}$)

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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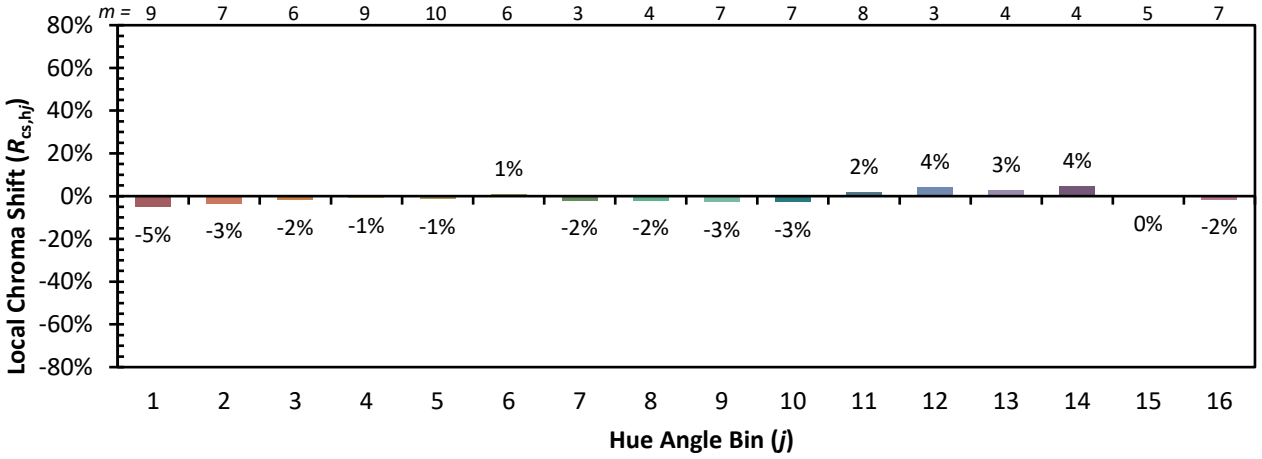
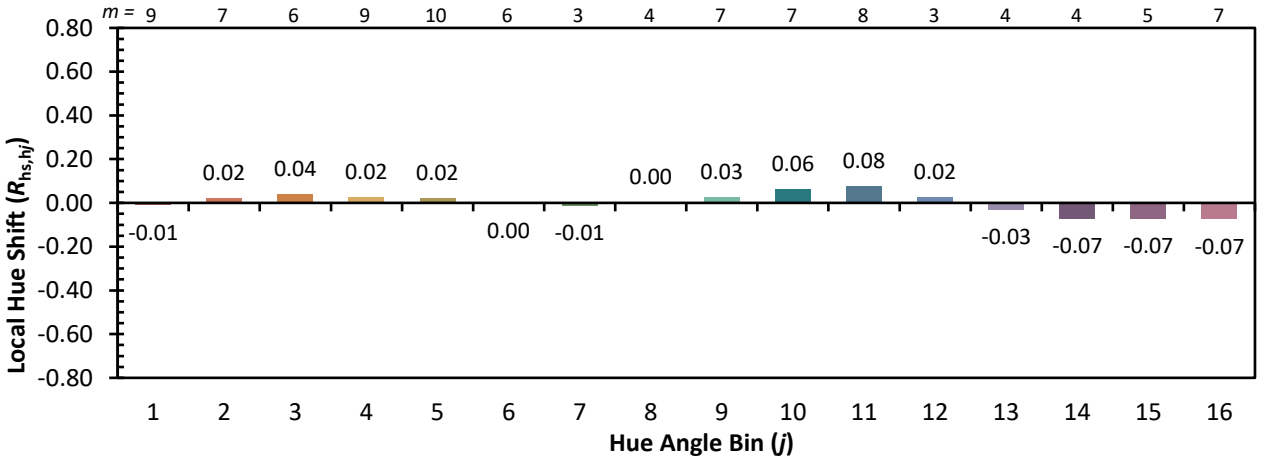
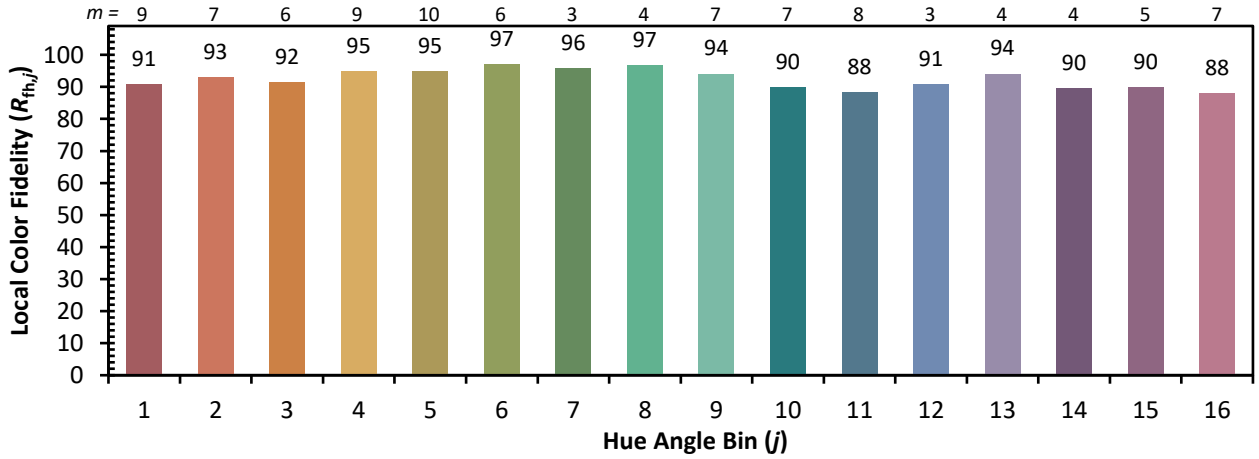
Color Rendition by Hue-Angle Bin







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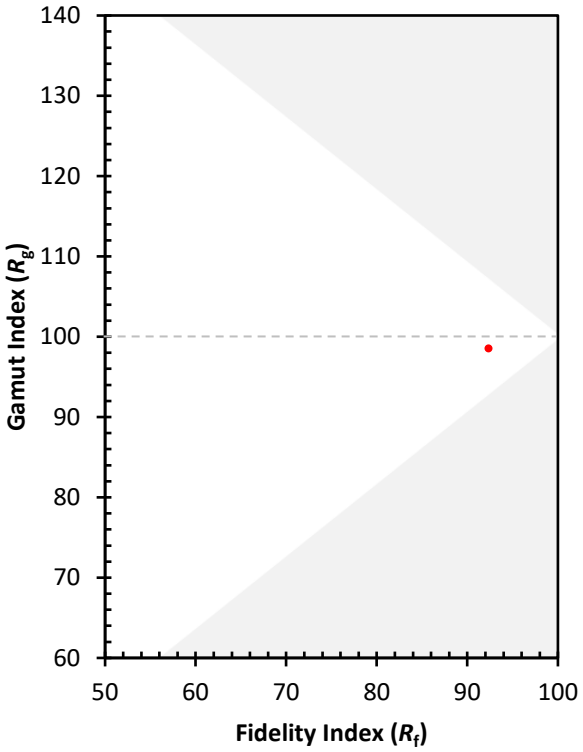
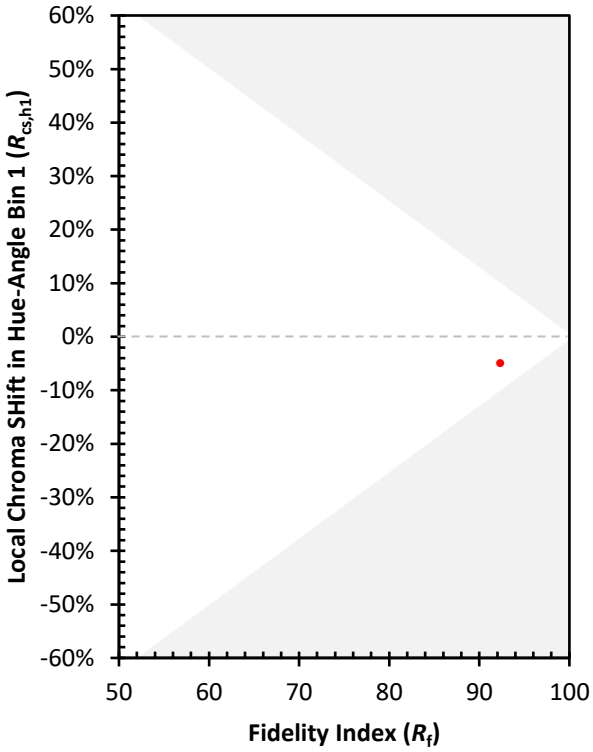
Measure Comparisons





(END OF REPORT)