

Signify Classified - Internal
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: P1048157

Luminaire Tested: **GALN-SA8A-935-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048157
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-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20855.2 lumens
Efficiency: N/A
Efficacy: 95.8 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



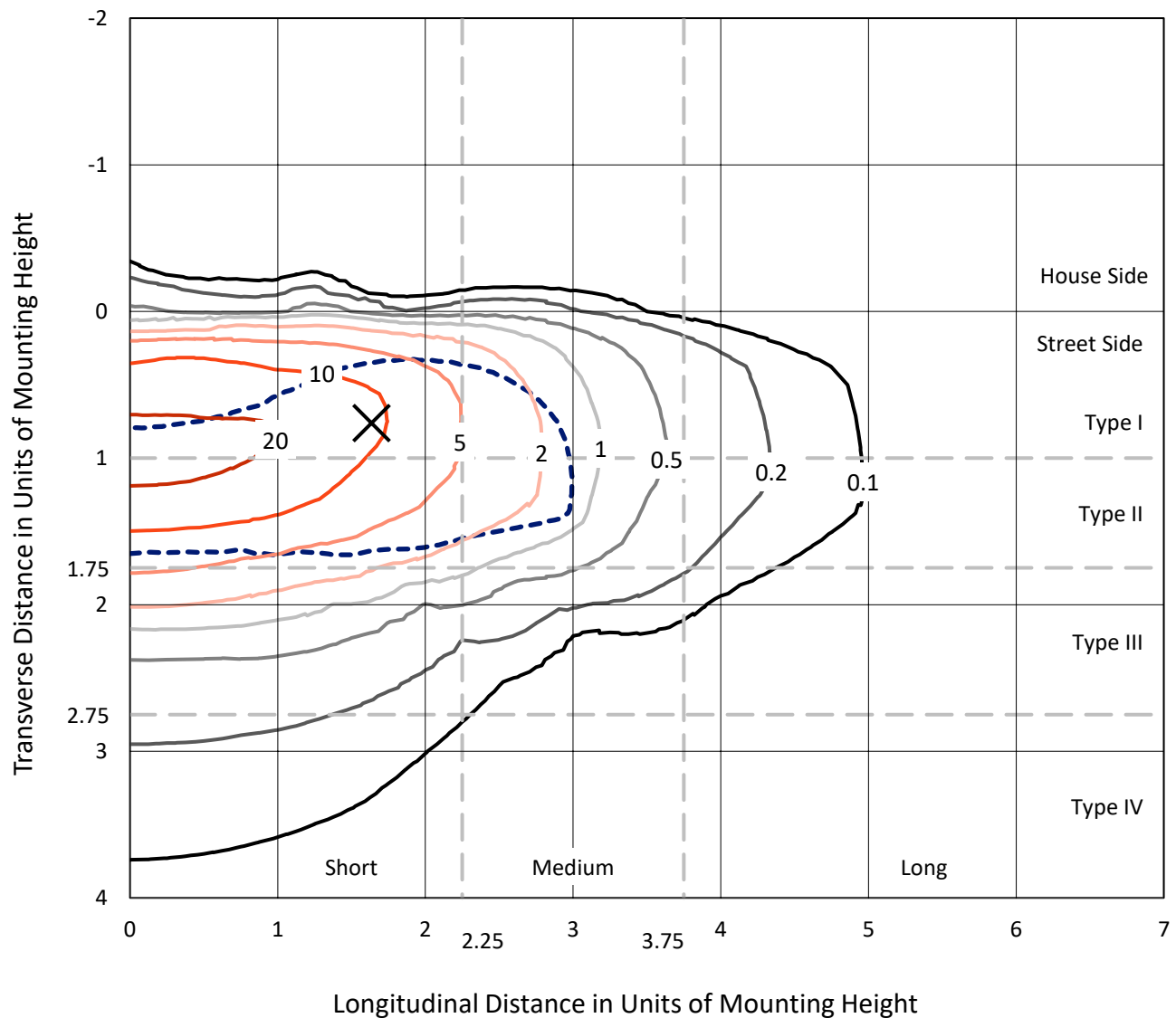
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

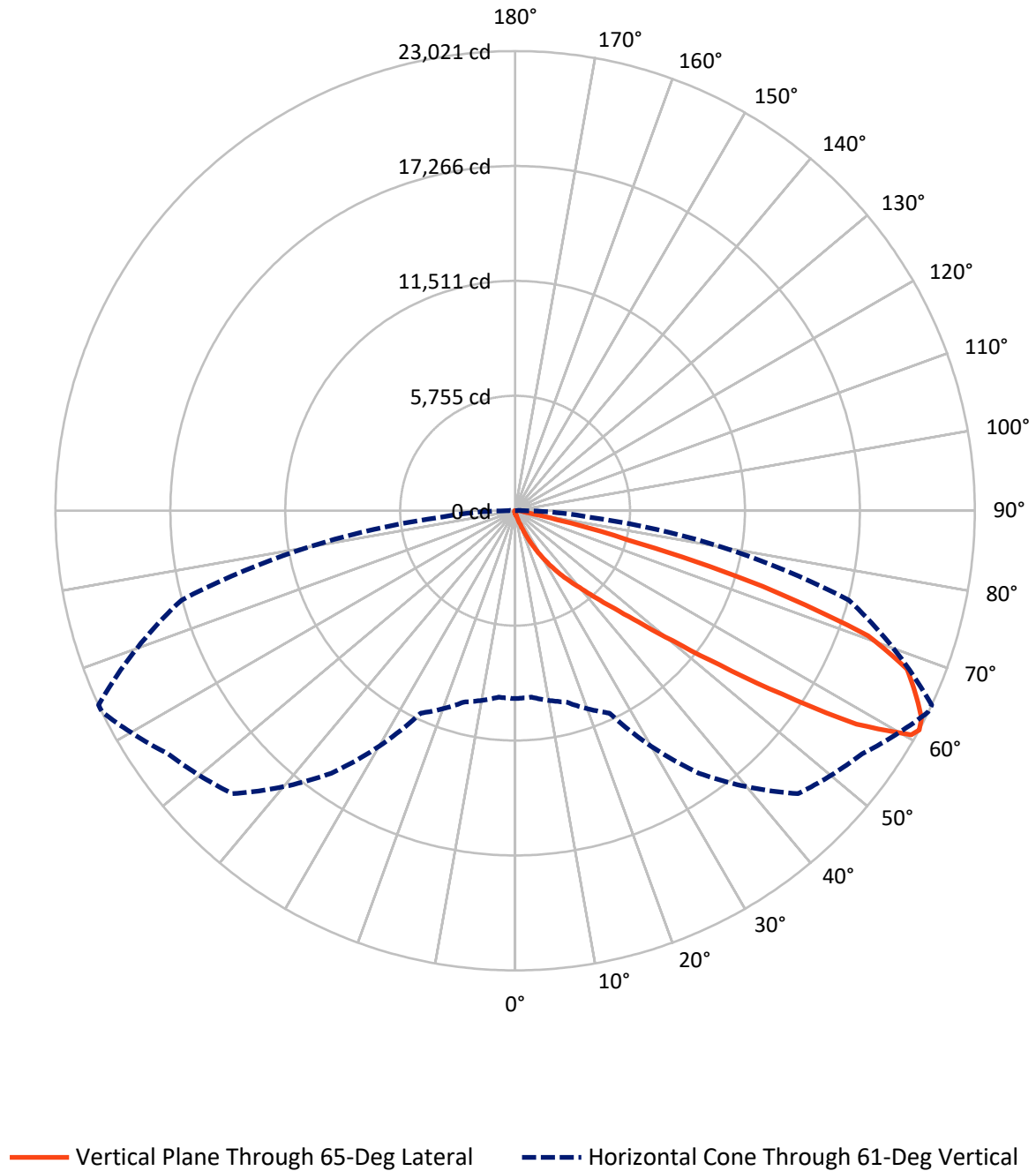


Based on 15 foot mounting height. Maximum calculated value = 27.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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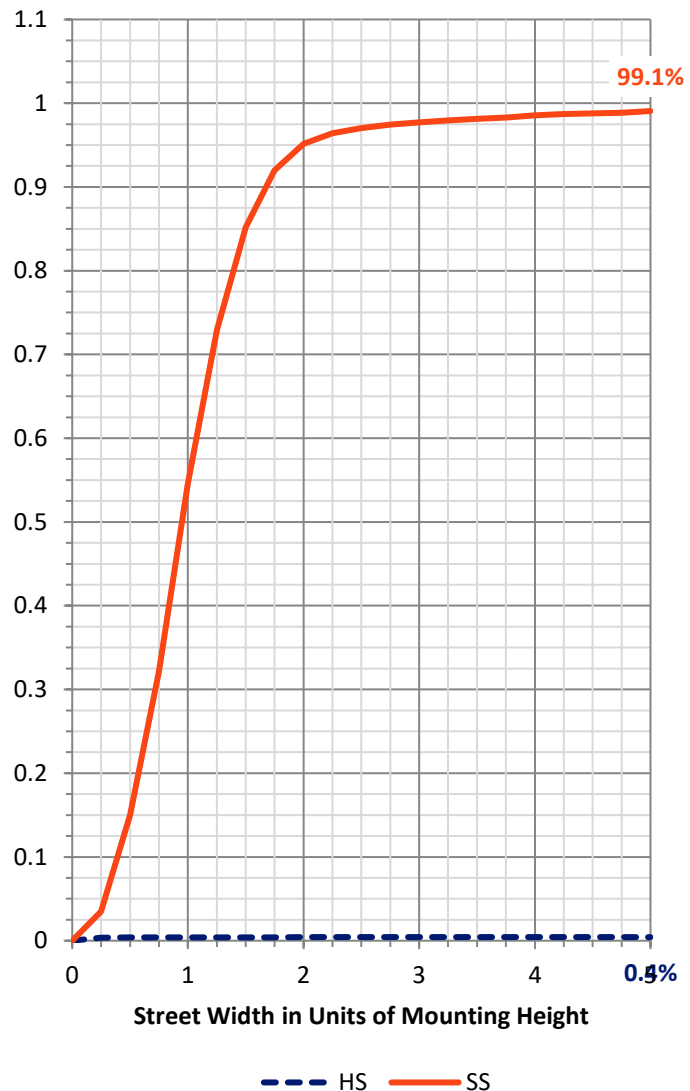
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	89.0	0.0	89.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20766.2	0.0	20766.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	20855.2	0.0	20855.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	171.5	0.8
20°-30°	615.5	3.0
30°-40°	1638.6	7.9
40°-50°	4304.6	20.6
50°-60°	6668.7	32.0
60°-70°	5591.6	26.8
70°-80°	1645.5	7.9
80°-90°	203.0	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°	20855.2	100.0
0°-180°	20855.2	100.0



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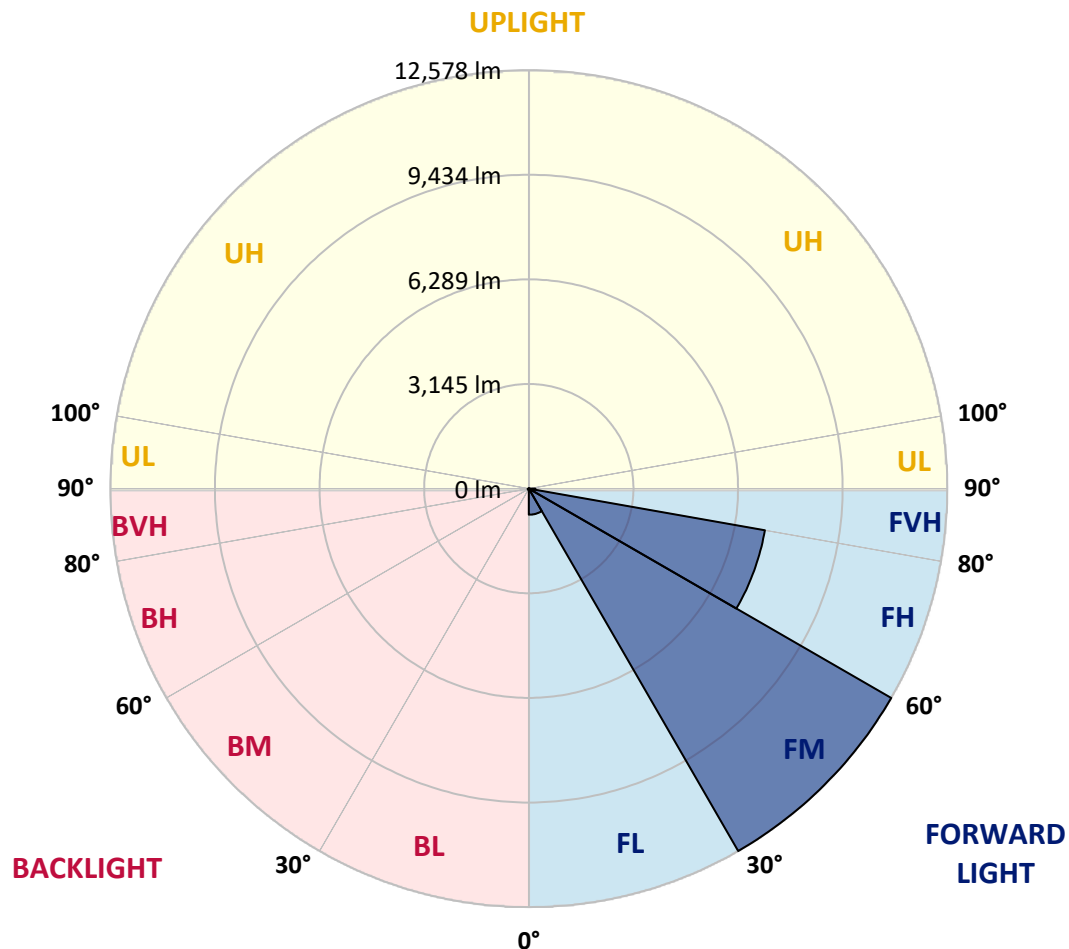
CATALOG NUMBER: GALN-SA8A-935-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	783.2	3.8			
FM	(30°-60°)	12578.1	60.3			
FH	(60°-80°)	7205.7	34.6			G3/7500
FVH	(80°-90°)	199.2	1.0			G2/225
BL	(0°-30°)	20.0	0.1	B0/110		
BM	(30°-60°)	33.9	0.2	B0/220		
BH	(60°-80°)	31.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	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°	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7
2.5°	154.9	156.4	153.5	147.8	143.5	143.5	142.0	137.7	137.7	133.4	130.6
5°	216.6	213.8	208.0	196.5	186.5	176.5	166.4	156.4	154.9	142.0	133.4
7.5°	354.4	357.2	338.6	302.7	272.6	233.8	198.0	176.5	173.6	152.1	134.9
10°	777.6	756.0	713.0	573.8	472.0	355.8	264.0	205.2	202.3	163.5	137.7
12.5°	1417.4	1400.2	1321.3	1177.8	915.3	637.0	385.9	253.9	245.3	173.6	139.2
15°	2042.9	2015.6	1972.6	1827.7	1520.7	1142.0	631.2	347.2	324.2	187.9	137.7
17.5°	2441.7	2446.0	2407.3	2345.6	2147.6	1690.0	1090.3	517.9	473.4	213.8	134.9
20°	2790.3	2780.3	2801.8	2768.8	2629.7	2296.8	1586.7	820.6	744.6	255.4	136.3
22.5°	3192.0	3216.4	3232.2	3225.0	3071.5	2787.5	2150.5	1228.0	1131.9	331.4	140.6
25°	3730.0	3727.1	3728.6	3709.9	3560.7	3245.1	2715.7	1734.5	1636.9	454.8	150.6
27.5°	4293.8	4311.0	4318.2	4250.8	4055.7	3745.8	3239.4	2288.2	2173.4	652.8	163.5
30°	5064.2	5049.8	5016.9	4879.1	4642.4	4257.9	3755.8	2869.2	2748.7	929.6	183.6
32.5°	6102.9	6087.1	5920.7	5616.5	5262.2	4791.6	4275.2	3451.7	3305.4	1275.4	210.9
35°	7814.4	7838.7	7429.9	6642.3	6006.7	5432.9	4850.4	4031.3	3902.2	1701.5	248.2
37.5°	10435.4	10302.0	9746.8	8355.2	6986.6	6233.4	5399.9	4616.6	4504.7	2226.5	297.0
40°	12981.8	12849.9	12689.2	11370.8	8689.5	7115.7	6168.9	5303.8	5158.9	2819.0	368.7
42.5°	15658.8	15585.7	15578.5	14584.3	11796.9	8503.0	7094.2	6108.6	5985.2	3468.9	486.3
45°	17555.4	17482.2	17635.7	17809.3	16029.0	11475.5	8705.3	7154.4	6975.1	4257.9	674.3
47.5°	17810.8	17813.6	18223.9	18767.7	19173.6	16073.4	10851.4	8540.3	8322.2	5387.0	989.9
50°	16961.5	16994.5	17647.2	18619.9	19713.1	19931.1	14636.0	10551.6	10228.8	6725.5	1437.5
52.5°	15344.7	15382.0	16291.5	17891.1	19216.7	20857.9	19091.9	13182.7	12811.1	8395.4	2068.7
55°	13888.5	13911.5	14954.4	16975.8	18618.5	20354.3	21737.3	16696.1	16208.3	10449.7	2691.3
57.5°	12446.7	12393.7	13072.2	15386.3	18516.6	19736.0	22127.5	20700.1	20162.1	12694.9	3176.2
60°	10518.6	10429.7	10974.8	12446.7	17176.7	20142.0	21397.3	22915.1	22793.2	15820.9	3550.7
61°	9409.6	9372.3	9920.4	11182.8	16049.1	20038.7	21222.3	23008.4	23021.3	17300.0	3718.5
62.5°	6719.7	6825.9	7663.7	9304.9	13442.4	19368.8	21245.2	22720.0	22847.7	19265.5	4153.2
65°	2986.9	3157.6	3808.9	5144.5	7817.2	16112.2	21041.5	22087.4	22024.2	19804.9	5651.0
67.5°	1771.8	1797.6	2121.8	2915.1	4140.3	8666.5	18568.2	21251.0	21166.3	17241.2	7031.1
70°	1395.9	1408.8	1512.1	1829.1	2403.0	3319.7	10597.5	18386.0	18754.7	13980.3	6883.3
72.5°	1324.2	1321.3	1335.6	1391.6	1513.5	1646.9	4103.0	12221.5	12971.8	10068.1	5771.5
75°	1306.9	1301.2	1286.9	1265.3	1096.0	969.8	1271.1	5405.6	5840.3	6879.0	4345.5
77.5°	1268.2	1269.6	1272.5	1213.7	939.7	685.7	615.5	1734.5	2133.3	4365.5	3088.7
80°	857.9	870.8	892.3	869.4	845.0	496.4	434.7	616.9	625.5	2450.3	2040.0
82.5°	434.7	434.7	424.6	378.7	327.1	322.8	345.7	447.6	453.3	1239.5	959.8
85°	262.5	276.9	282.6	256.8	235.3	216.6	264.0	355.8	368.7	480.6	223.8
87.5°	58.8	60.3	66.0	87.5	127.7	173.6	245.3	325.7	331.4	308.4	27.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048157

CATALOG NUMBER: GALN-SA8A-935-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7
2.5°	129.1	126.2	124.8	120.5	116.2	111.9	109.0	107.6	109.0	110.5	110.5
5°	127.7	123.4	116.2	109.0	103.3	97.6	91.8	90.4	90.4	91.8	91.8
7.5°	127.7	120.5	110.5	101.9	93.3	84.6	80.3	77.5	78.9	78.9	78.9
10°	127.7	119.1	106.2	93.3	83.2	73.2	66.0	63.1	63.1	63.1	63.1
12.5°	126.2	117.6	101.9	86.1	71.7	60.3	51.6	47.3	48.8	48.8	48.8
15°	123.4	113.3	96.1	73.2	57.4	45.9	37.3	33.0	34.4	37.3	38.7
17.5°	119.1	109.0	86.1	61.7	45.9	34.4	25.8	23.0	24.4	28.7	28.7
20°	117.6	104.7	76.0	50.2	34.4	24.4	17.2	14.3	15.8	21.5	23.0
22.5°	117.6	101.9	68.9	41.6	25.8	15.8	10.0	5.7	5.7	10.0	10.0
25°	119.1	100.4	63.1	34.4	18.7	11.5	5.7	2.9	5.7	15.8	18.7
27.5°	121.9	99.0	60.3	28.7	14.3	10.0	4.3	10.0	17.2	17.2	17.2
30°	124.8	96.1	56.0	24.4	12.9	7.2	7.2	14.3	14.3	17.2	18.7
32.5°	129.1	94.7	53.1	21.5	10.0	5.7	10.0	8.6	8.6	10.0	11.5
35°	137.7	96.1	50.2	21.5	10.0	7.2	8.6	4.3	2.9	2.9	2.9
37.5°	149.2	97.6	45.9	18.7	8.6	8.6	4.3	0.0	0.0	0.0	0.0
40°	167.9	101.9	43.0	17.2	7.2	7.2	1.4	0.0	0.0	0.0	0.0
42.5°	199.4	110.5	41.6	15.8	7.2	5.7	0.0	0.0	0.0	0.0	0.0
45°	262.5	130.6	38.7	14.3	7.2	2.9	0.0	0.0	0.0	0.0	0.0
47.5°	377.3	177.9	37.3	11.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	550.9	241.0	35.9	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	703.0	253.9	24.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	720.2	175.0	18.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	573.8	113.3	15.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	434.7	86.1	14.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	417.5	77.5	14.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	460.5	67.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	748.9	56.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1301.2	48.8	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1644.1	45.9	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1433.2	41.6	8.6	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	862.2	35.9	8.6	5.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	451.9	27.3	8.6	7.2	4.3	1.4	0.0	0.0	0.0	0.0	0.0
80°	219.5	24.4	10.0	7.2	5.7	2.9	0.0	0.0	0.0	0.0	0.0
82.5°	86.1	20.1	11.5	10.0	7.2	4.3	1.4	0.0	0.0	0.0	0.0
85°	38.7	17.2	12.9	11.5	10.0	5.7	1.4	0.0	0.0	0.0	0.0
87.5°	20.1	15.8	14.3	12.9	10.0	7.2	2.9	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

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

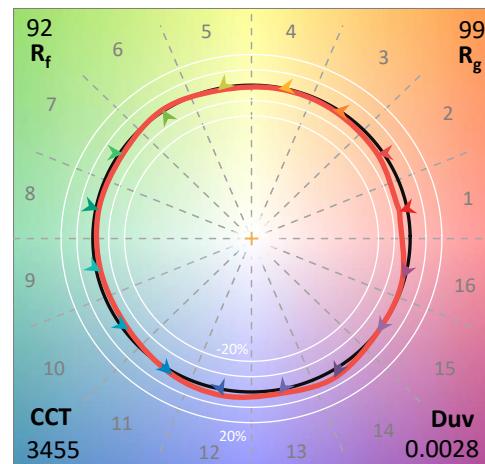
Test Information

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
 R_f: 92.3
 R_g: 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

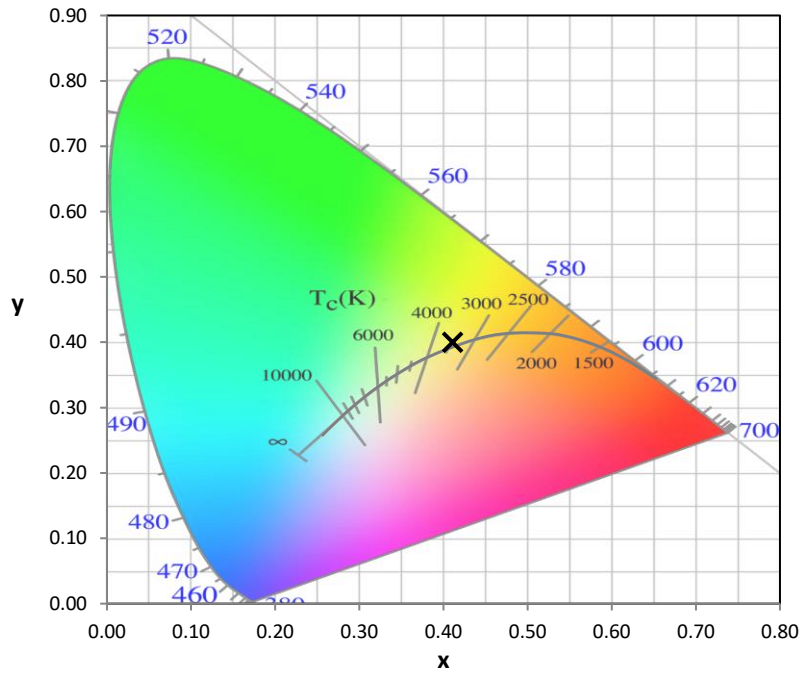
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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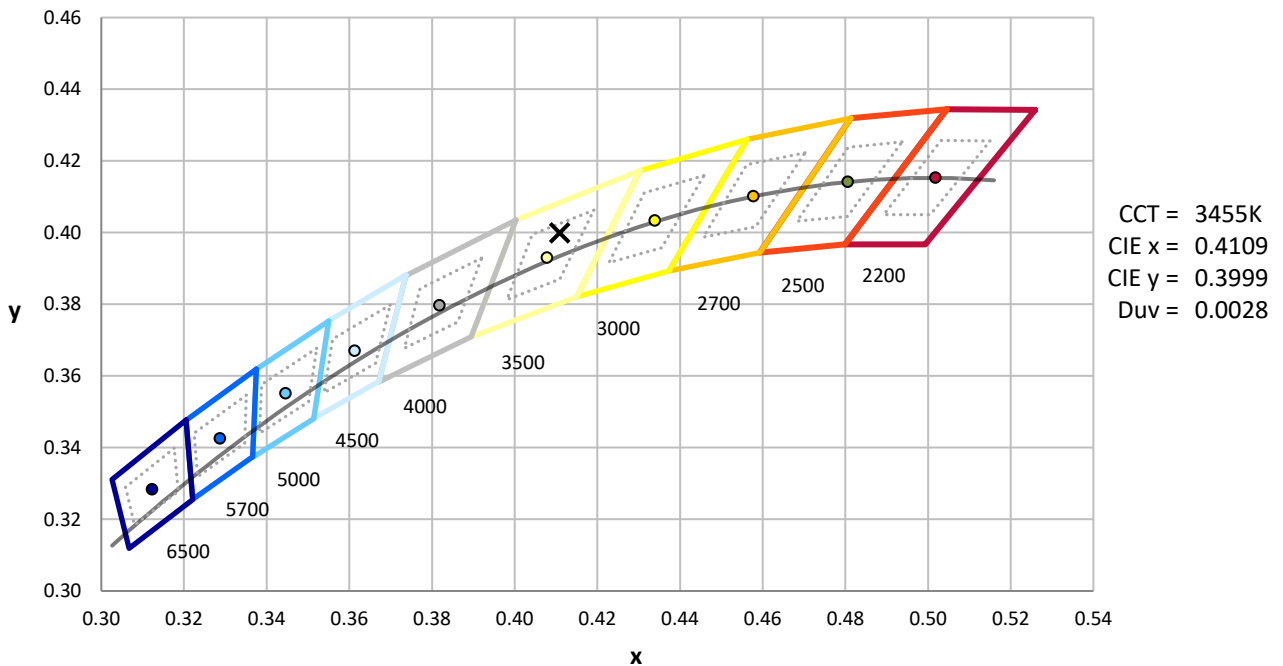
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



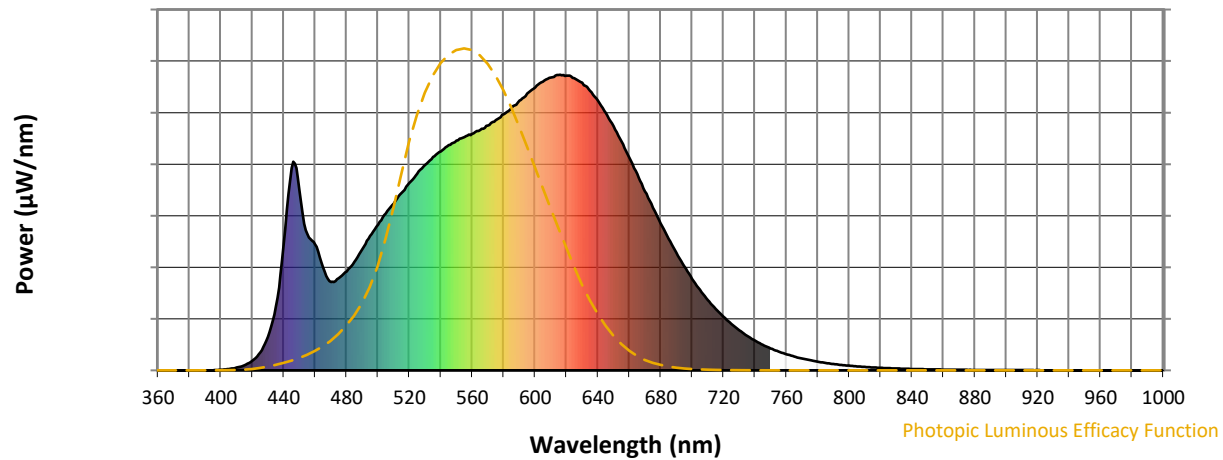
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

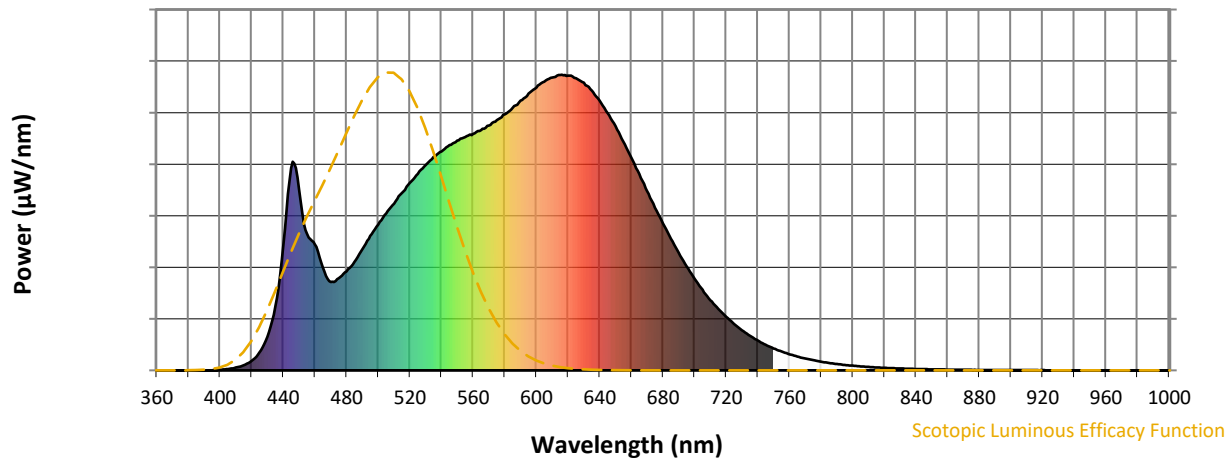


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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



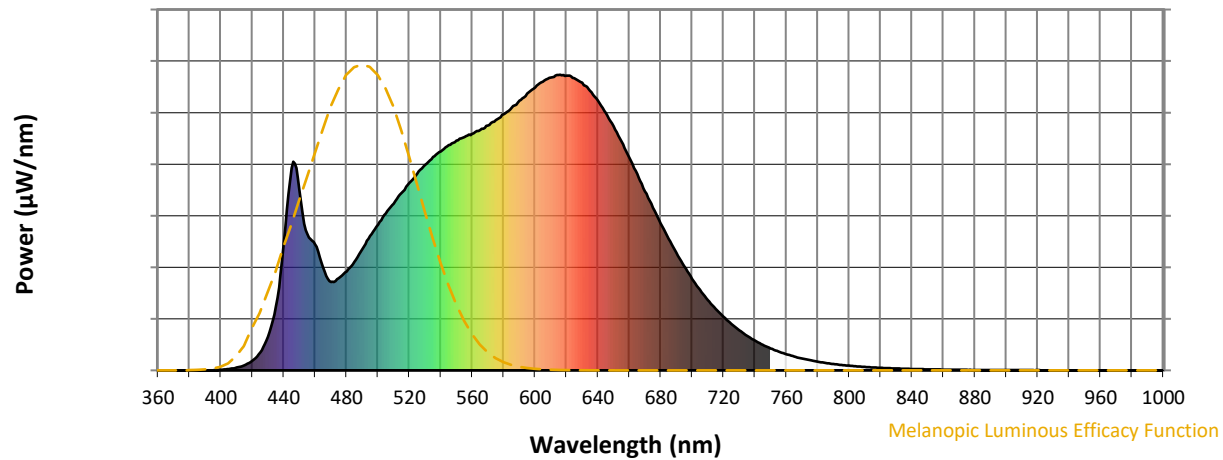
Scotopic Lumens: NR

S/P: 1.58

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

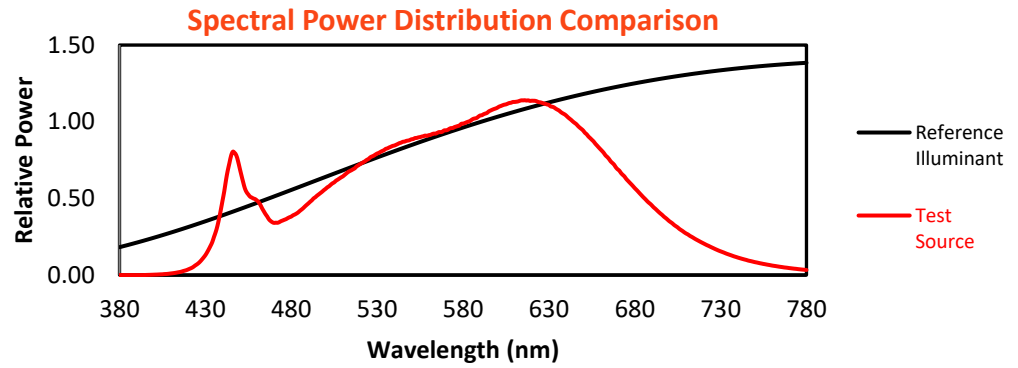
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	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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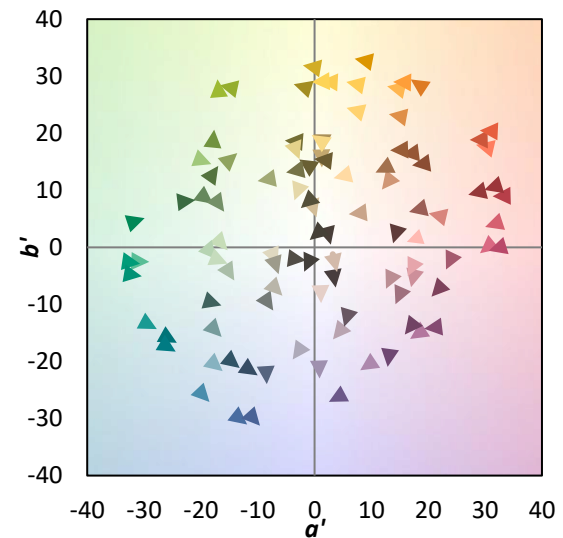
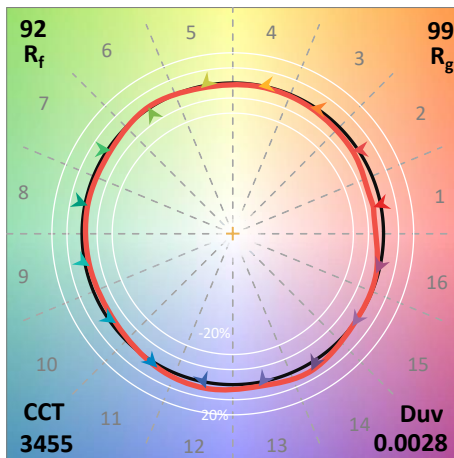
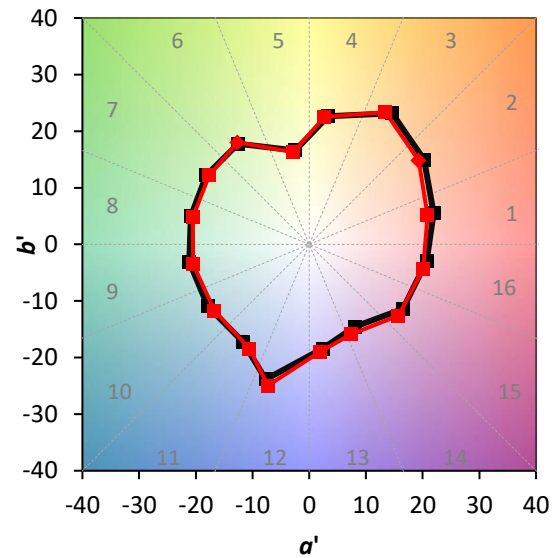
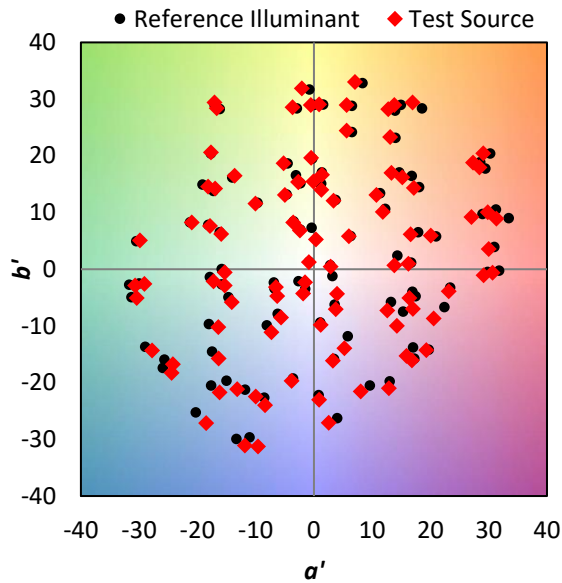
TM-30-18

Summary

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

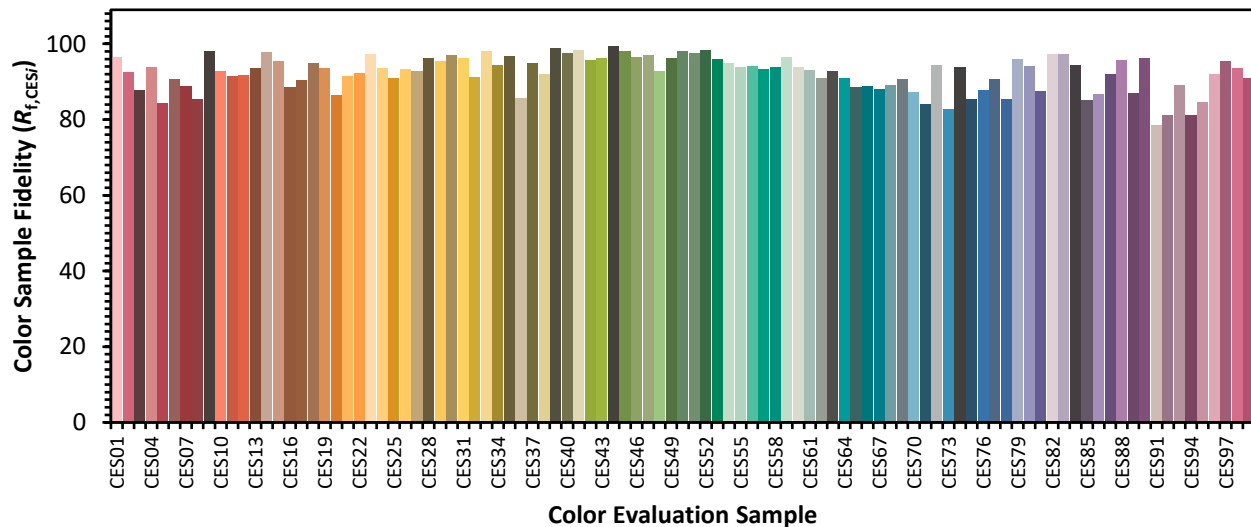


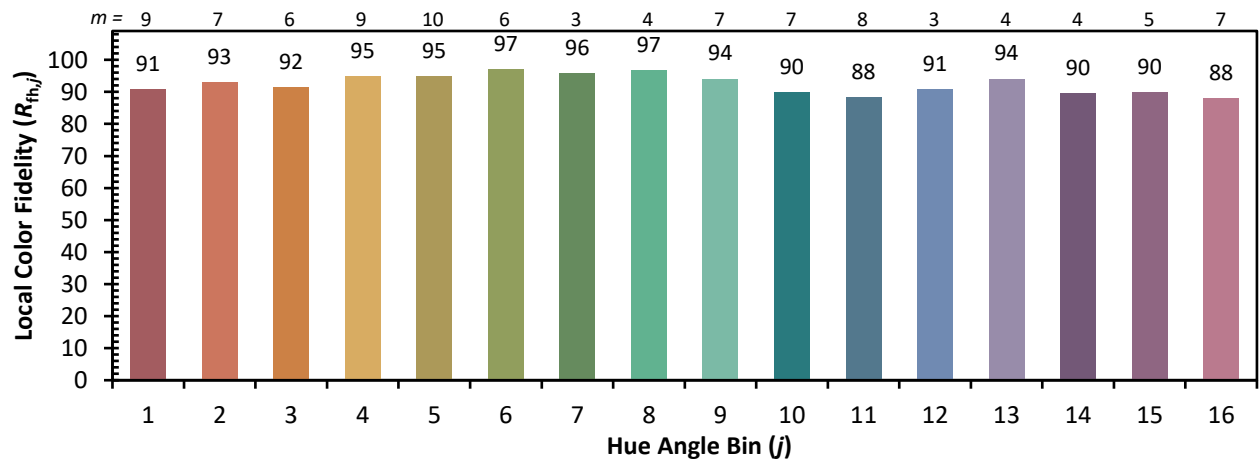
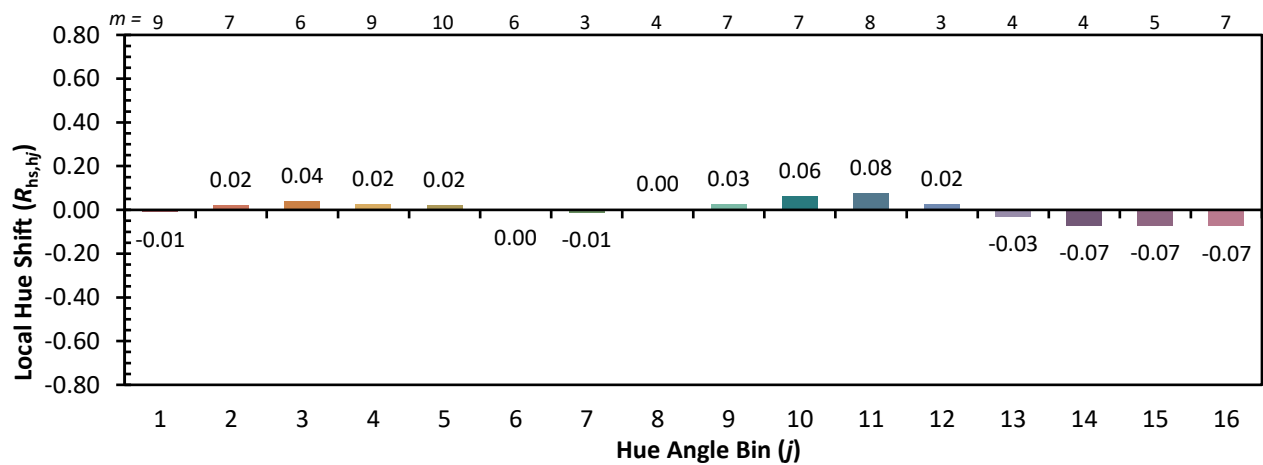
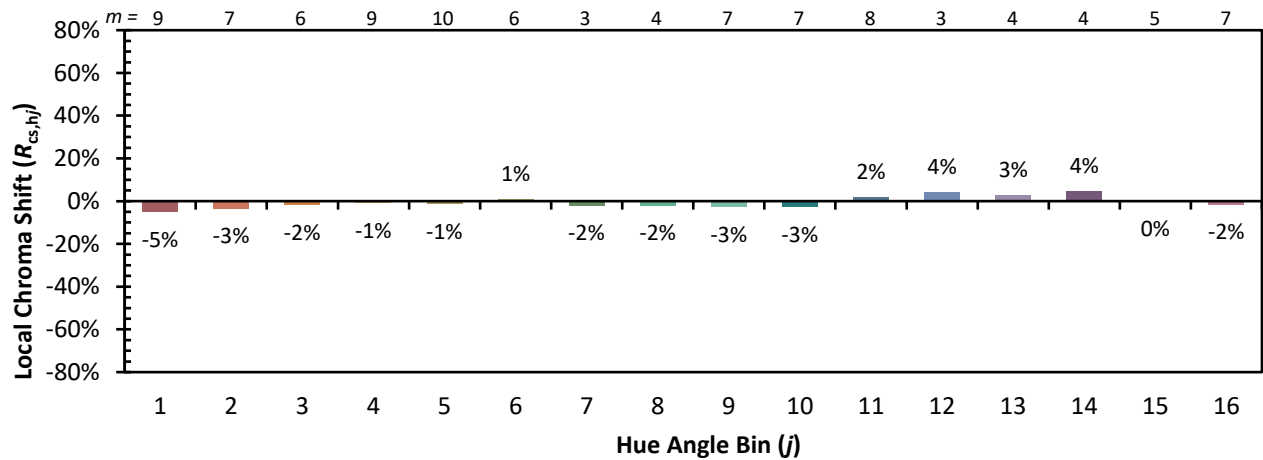
Color Vector Graphics

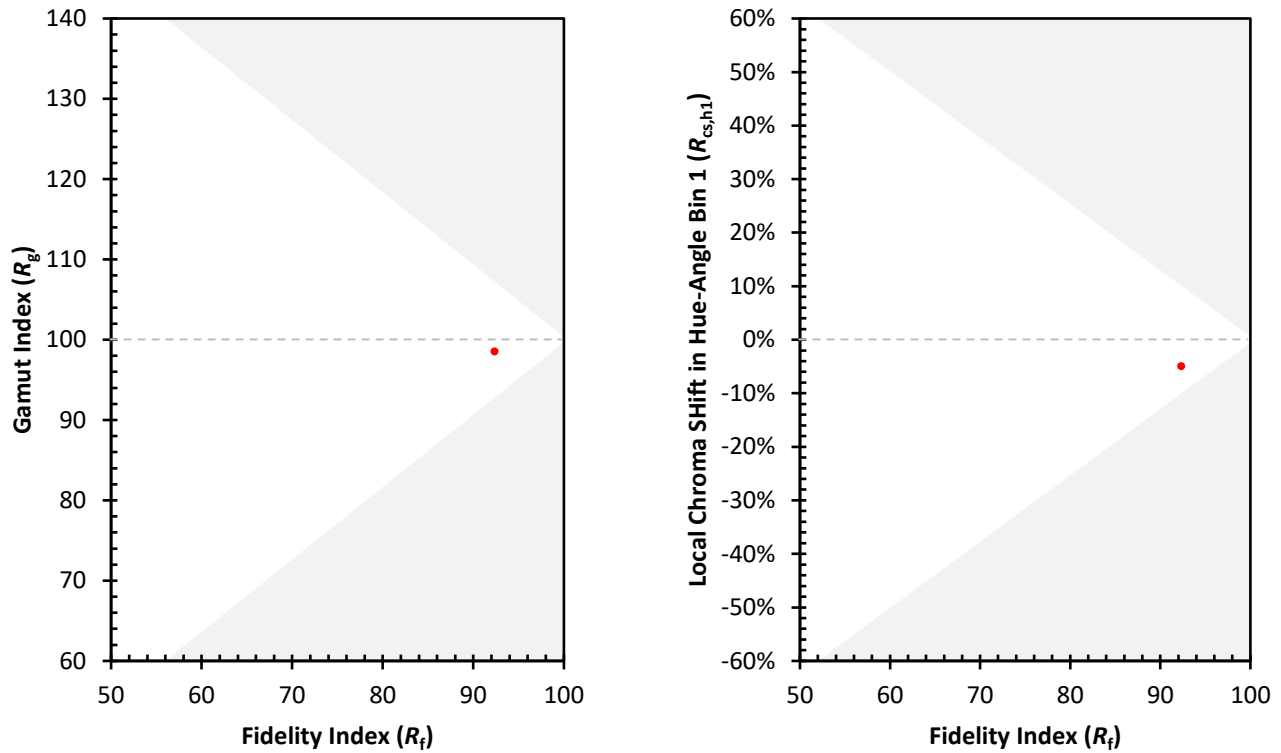


Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)