

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: P1048154

Luminaire Tested: **GALN-SA7B-935-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048154
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-935-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22783.5 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
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



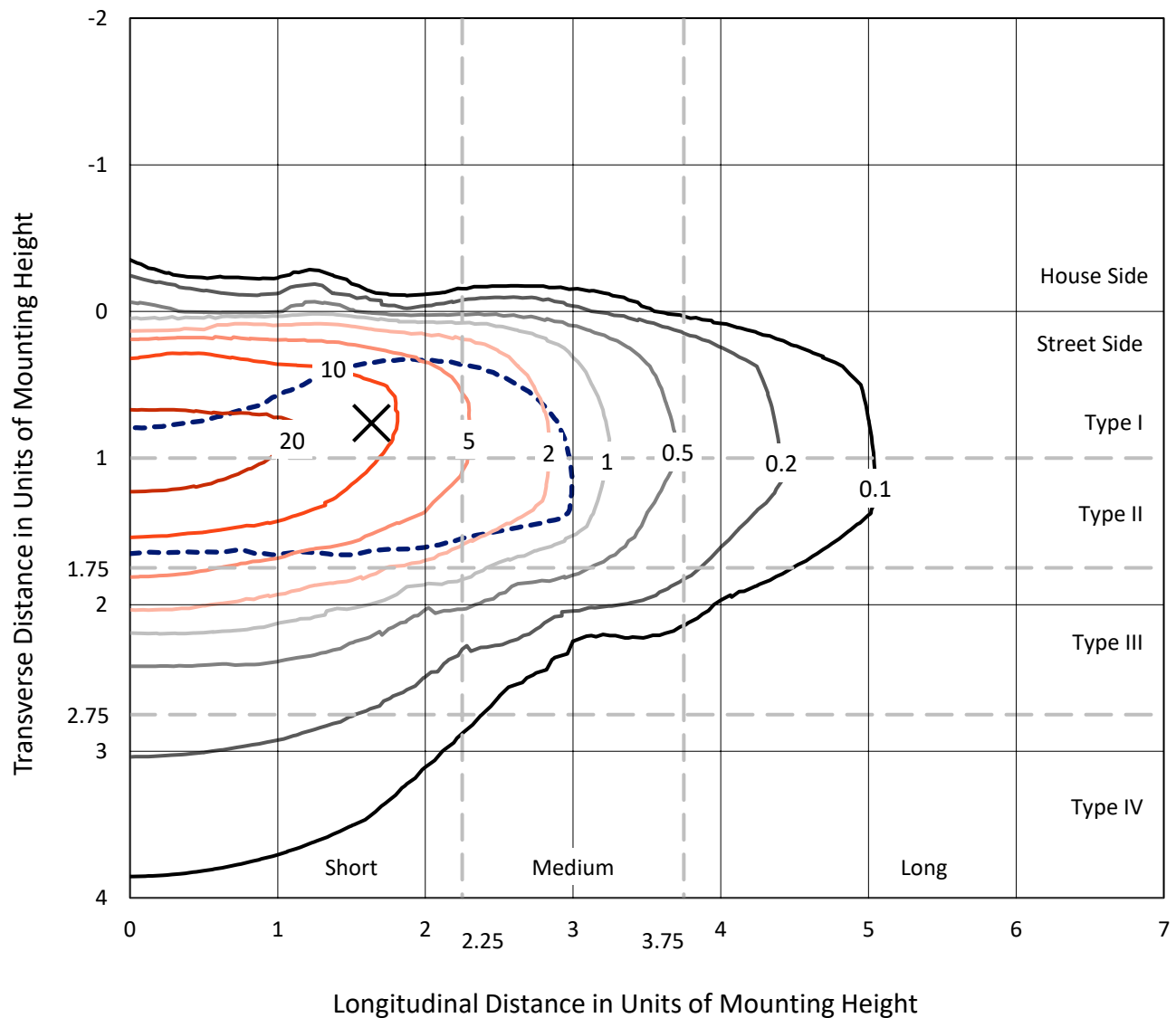
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

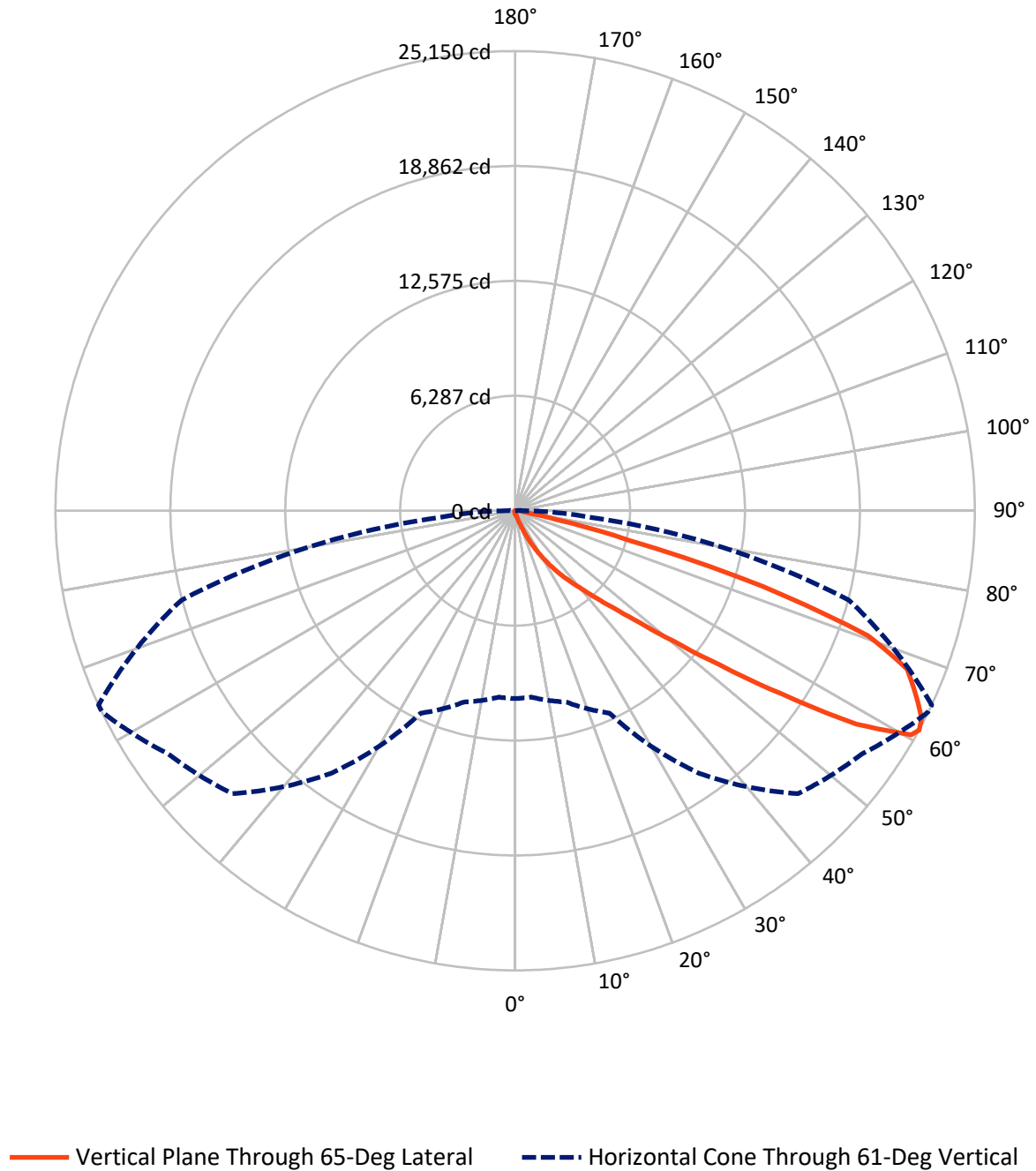


Based on 15 foot mounting height. Maximum calculated value = 30.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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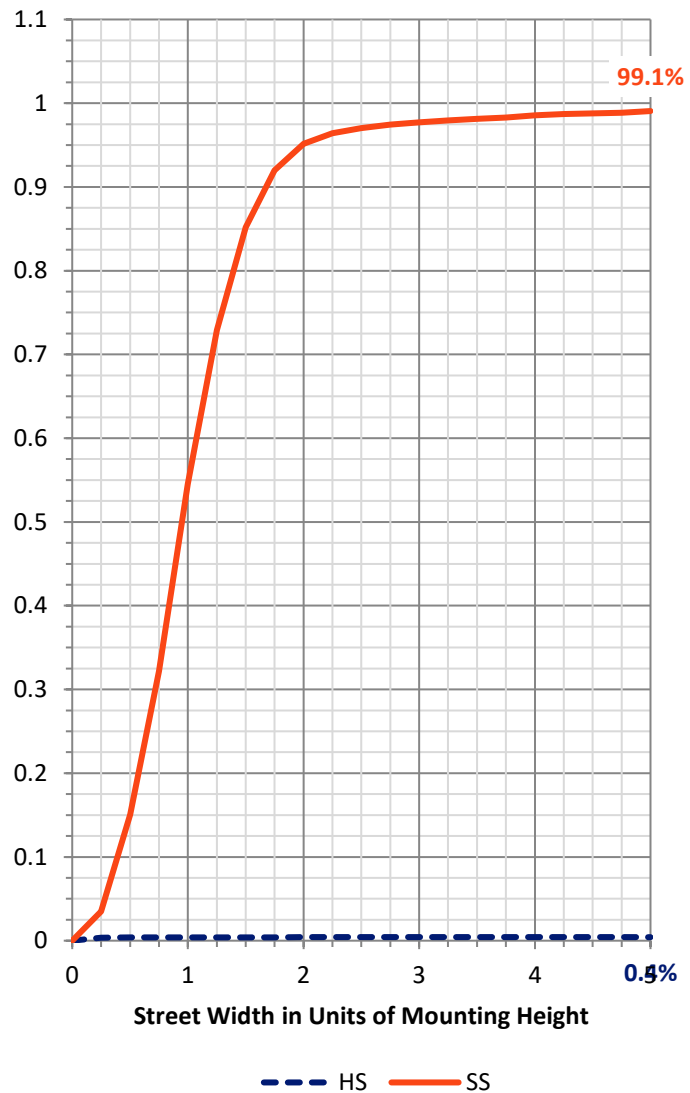
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	97.3	0.0	97.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22686.2	0.0	22686.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	22783.5	0.0	22783.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	0.1
10°-20°	187.3	0.8
20°-30°	672.4	3.0
30°-40°	1790.1	7.9
40°-50°	4702.6	20.6
50°-60°	7285.3	32.0
60°-70°	6108.6	26.8
70°-80°	1797.7	7.9
80°-90°	221.8	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°	22783.5	100.0
0°-180°	22783.5	100.0



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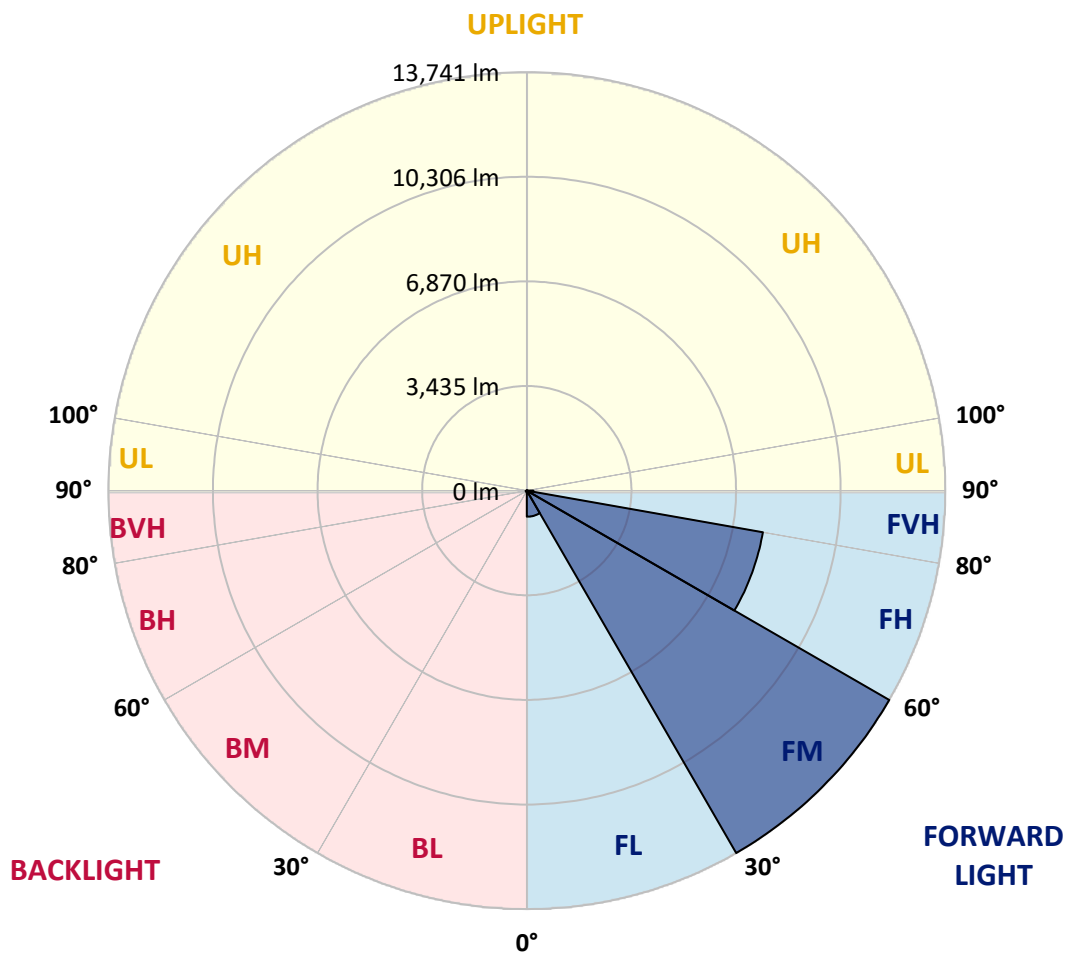
CATALOG NUMBER: GALN-SA7B-935-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	855.6	3.8			
FM	(30°-60°)	13741.0	60.3			
FH	(60°-80°)	7871.9	34.6			G4/12000
FVH	(80°-90°)	217.6	1.0			G2/225
BL	(0°-30°)	21.8	0.1	B0/110		
BM	(30°-60°)	37.0	0.2	B0/220		
BH	(60°-80°)	34.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5
2.5°	169.3	170.8	167.7	161.4	156.7	156.7	155.2	150.5	150.5	145.8	142.6
5°	236.7	233.5	227.3	214.7	203.7	192.8	181.8	170.8	169.3	155.2	145.8
7.5°	387.1	390.2	369.9	330.7	297.8	255.5	216.3	192.8	189.6	166.1	147.3
10°	849.5	825.9	778.9	626.9	515.6	388.7	288.4	224.1	221.0	178.7	150.5
12.5°	1548.4	1529.6	1443.4	1286.7	999.9	695.9	421.6	277.4	268.0	189.6	152.0
15°	2231.8	2202.0	2155.0	1996.7	1661.3	1247.5	689.6	379.3	354.2	205.3	150.5
17.5°	2667.5	2672.2	2629.9	2562.5	2346.2	1846.2	1191.1	565.8	517.2	233.5	147.3
20°	3048.3	3037.3	3060.9	3024.8	2872.8	2509.2	1733.4	896.5	813.4	279.0	148.9
22.5°	3487.1	3513.8	3531.0	3523.2	3355.5	3045.2	2349.3	1341.6	1236.6	362.0	153.6
25°	4074.9	4071.7	4073.3	4052.9	3889.9	3545.1	2966.8	1894.8	1788.2	496.8	164.6
27.5°	4690.8	4709.6	4717.4	4643.8	4430.6	4092.1	3538.9	2499.8	2374.4	713.1	178.7
30°	5532.4	5516.7	5480.7	5330.2	5071.6	4651.6	4103.1	3134.5	3002.9	1015.6	200.6
32.5°	6667.1	6649.9	6468.1	6135.8	5748.7	5234.6	4670.4	3770.8	3611.0	1393.3	230.4
35°	8536.8	8563.5	8116.8	7256.4	6562.1	5935.2	5298.9	4404.0	4262.9	1858.8	271.1
37.5°	11400.2	11254.5	10647.9	9127.7	7632.5	6809.7	5899.2	5043.4	4921.2	2432.4	324.4
40°	14182.1	14037.9	13862.4	12422.1	9492.9	7773.6	6739.2	5794.1	5635.9	3079.7	402.8
42.5°	17106.6	17026.7	17018.8	15932.7	12887.5	9289.1	7750.1	6673.4	6538.6	3789.6	531.3
45°	19178.5	19098.6	19266.3	19455.9	17511.0	12536.5	9510.1	7815.9	7620.0	4651.6	736.6
47.5°	19457.5	19460.6	19908.9	20502.8	20946.4	17559.5	11854.7	9329.9	9091.7	5885.0	1081.4
50°	18529.7	18565.7	19278.8	20341.4	21535.7	21773.9	15989.1	11527.2	11174.5	7347.3	1570.4
52.5°	16763.4	16804.1	17797.8	19545.3	20993.4	22786.3	20857.0	14401.5	13995.6	9171.6	2260.0
55°	15172.6	15197.7	16337.1	18545.3	20339.9	22236.2	23747.1	18239.7	17706.9	11415.9	2940.2
57.5°	13597.5	13539.5	14280.8	16808.8	20228.6	21560.7	24173.4	22613.9	22026.2	13868.6	3469.9
60°	11491.1	11394.0	11989.5	13597.5	18764.8	22004.3	23375.6	25033.8	24900.6	17283.7	3879.0
61°	10279.6	10238.9	10837.6	12216.8	17532.9	21891.4	23184.4	25135.7	25149.8	18899.5	4062.3
62.5°	7341.0	7457.0	8372.3	10165.2	14685.2	21159.5	23209.5	24820.6	24960.1	21046.7	4537.2
65°	3263.0	3449.5	4161.1	5620.2	8540.0	17601.9	22986.9	24129.5	24060.5	21636.0	6173.4
67.5°	1935.6	1963.8	2318.0	3184.7	4523.1	9467.8	20285.0	23215.8	23123.3	18835.3	7681.1
70°	1524.9	1539.0	1651.9	1998.3	2625.2	3626.6	11577.3	20086.0	20488.7	15272.9	7519.7
72.5°	1446.6	1443.4	1459.1	1520.2	1653.5	1799.2	4482.4	13351.5	14171.1	10999.0	6305.1
75°	1427.8	1421.5	1405.8	1382.3	1197.4	1059.5	1388.6	5905.4	6380.3	7515.0	4747.2
77.5°	1385.5	1387.0	1390.2	1325.9	1026.6	749.1	672.4	1894.8	2330.5	4769.2	3374.3
80°	937.2	951.3	974.8	949.8	923.1	542.3	474.9	673.9	683.3	2676.9	2228.6
82.5°	474.9	474.9	463.9	413.8	357.3	352.6	377.7	489.0	495.3	1354.1	1048.5
85°	286.8	302.5	308.7	280.5	257.0	236.7	288.4	388.7	402.8	525.0	244.5
87.5°	64.3	65.8	72.1	95.6	139.5	189.6	268.0	355.8	362.0	337.0	29.8
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: P1048154

CATALOG NUMBER: GALN-SA7B-935-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5
2.5°	141.1	137.9	136.4	131.6	126.9	122.2	119.1	117.5	119.1	120.7	120.7
5°	139.5	134.8	126.9	119.1	112.8	106.6	100.3	98.7	98.7	100.3	100.3
7.5°	139.5	131.6	120.7	111.3	101.9	92.5	87.8	84.6	86.2	86.2	86.2
10°	139.5	130.1	116.0	101.9	90.9	79.9	72.1	69.0	69.0	69.0	69.0
12.5°	137.9	128.5	111.3	94.0	78.4	65.8	56.4	51.7	53.3	53.3	53.3
15°	134.8	123.8	105.0	79.9	62.7	50.2	40.7	36.0	37.6	40.7	42.3
17.5°	130.1	119.1	94.0	67.4	50.2	37.6	28.2	25.1	26.6	31.3	31.3
20°	128.5	114.4	83.1	54.9	37.6	26.6	18.8	15.7	17.2	23.5	25.1
22.5°	128.5	111.3	75.2	45.5	28.2	17.2	11.0	6.3	6.3	11.0	11.0
25°	130.1	109.7	69.0	37.6	20.4	12.5	6.3	3.1	6.3	17.2	20.4
27.5°	133.2	108.1	65.8	31.3	15.7	11.0	4.7	11.0	18.8	18.8	18.8
30°	136.4	105.0	61.1	26.6	14.1	7.8	7.8	15.7	15.7	18.8	20.4
32.5°	141.1	103.4	58.0	23.5	11.0	6.3	11.0	9.4	9.4	11.0	12.5
35°	150.5	105.0	54.9	23.5	11.0	7.8	9.4	4.7	3.1	3.1	3.1
37.5°	163.0	106.6	50.2	20.4	9.4	9.4	4.7	0.0	0.0	0.0	0.0
40°	183.4	111.3	47.0	18.8	7.8	7.8	1.6	0.0	0.0	0.0	0.0
42.5°	217.8	120.7	45.5	17.2	7.8	6.3	0.0	0.0	0.0	0.0	0.0
45°	286.8	142.6	42.3	15.7	7.8	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	412.2	194.3	40.7	12.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	601.8	263.3	39.2	11.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	768.0	277.4	26.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	786.8	191.2	20.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	626.9	123.8	17.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	474.9	94.0	15.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	456.1	84.6	15.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	503.1	73.7	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	818.1	61.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1421.5	53.3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1796.1	50.2	9.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1565.7	45.5	9.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	941.9	39.2	9.4	6.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	493.7	29.8	9.4	7.8	4.7	1.6	0.0	0.0	0.0	0.0	0.0
80°	239.8	26.6	11.0	7.8	6.3	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	94.0	21.9	12.5	11.0	7.8	4.7	1.6	0.0	0.0	0.0	0.0
85°	42.3	18.8	14.1	12.5	11.0	6.3	1.6	0.0	0.0	0.0	0.0
87.5°	21.9	17.2	15.7	14.1	11.0	7.8	3.1	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

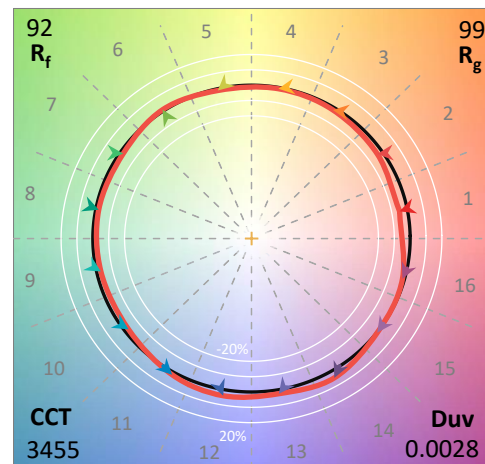
Test Information

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

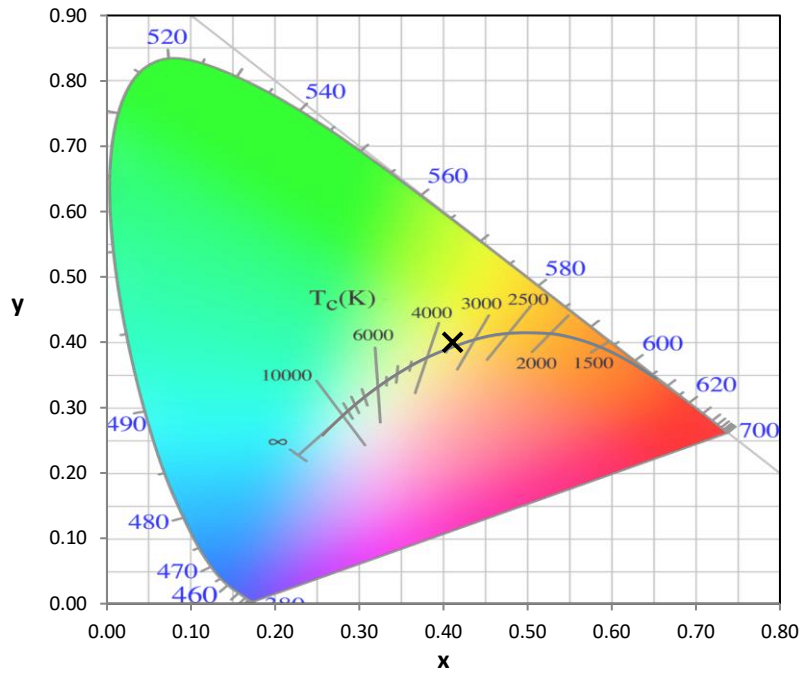
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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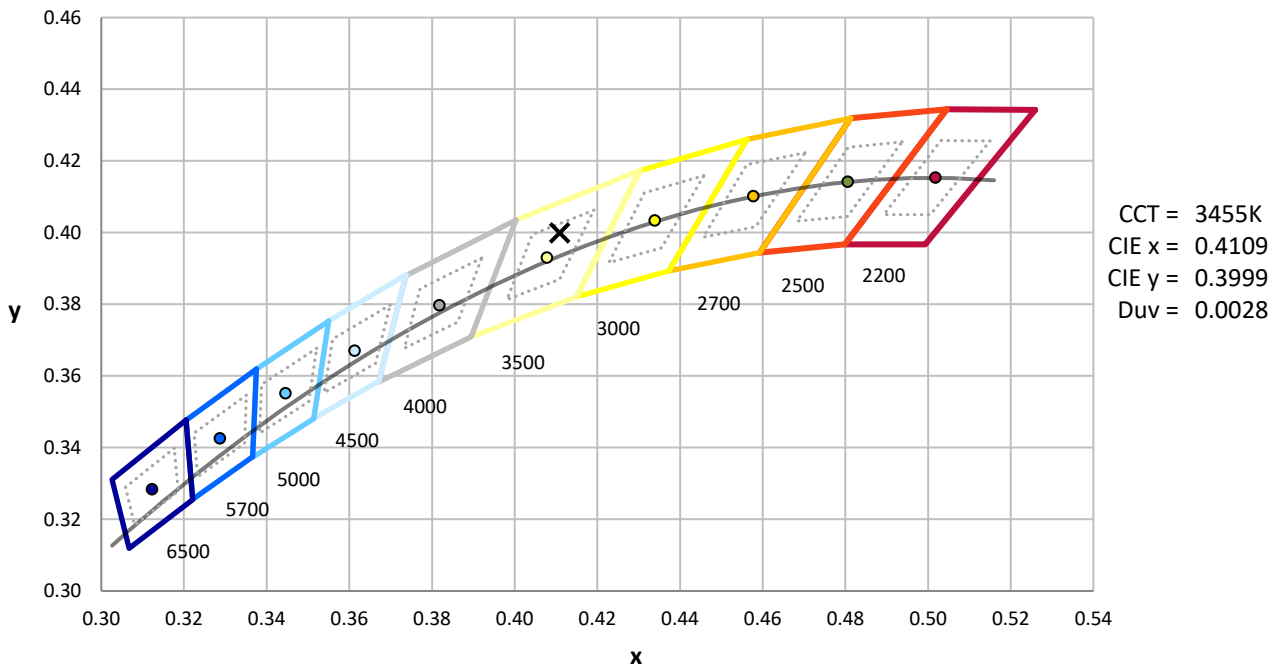
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



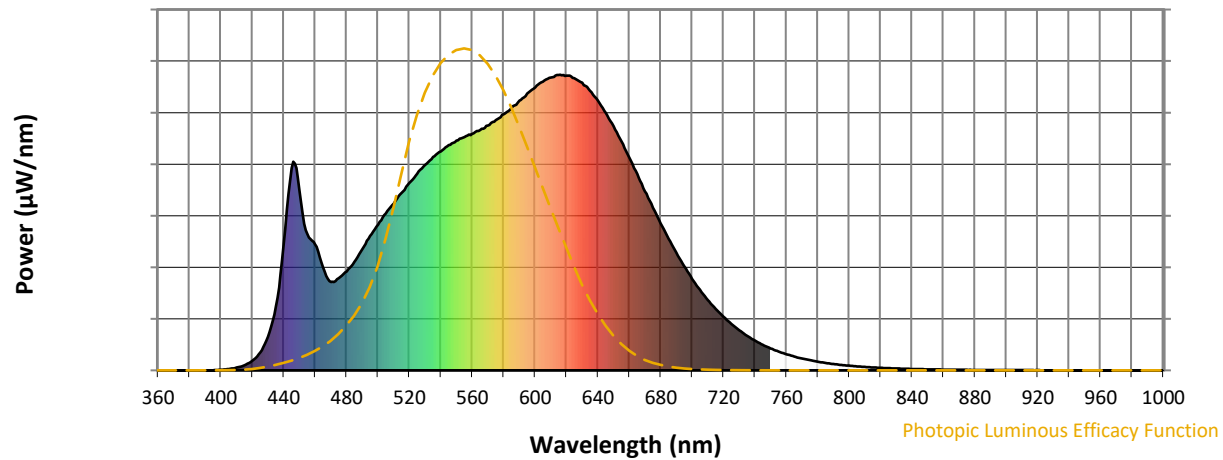
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

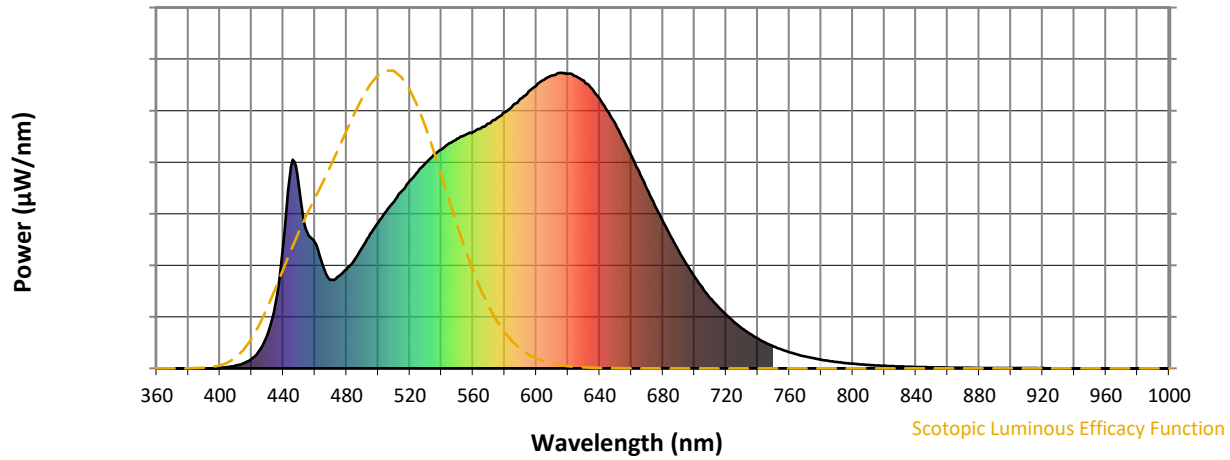


Photopic Lumens: NR

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



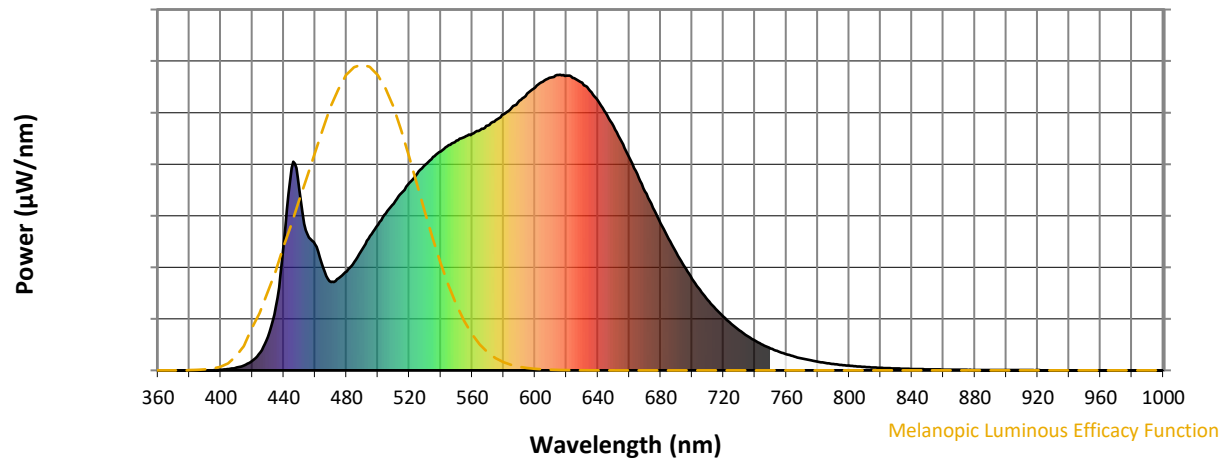
Scotopic Lumens: NR

S/P: 1.58

λ (nm)	Power W ^Λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^Λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^Λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^Λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^Λ /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

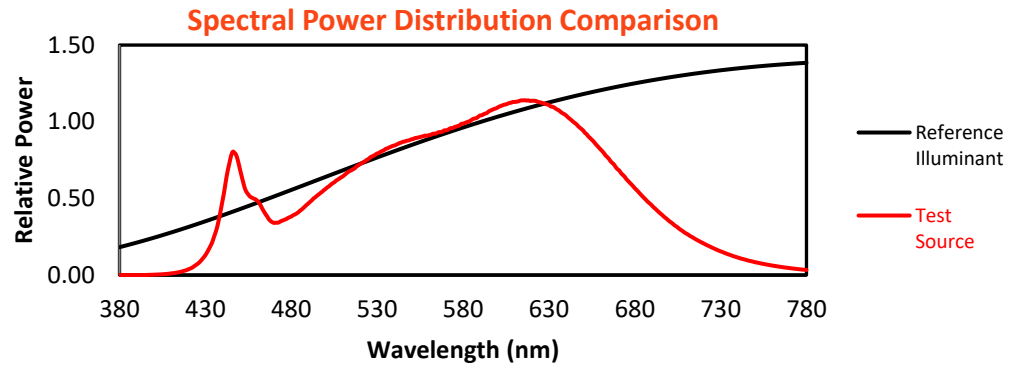
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	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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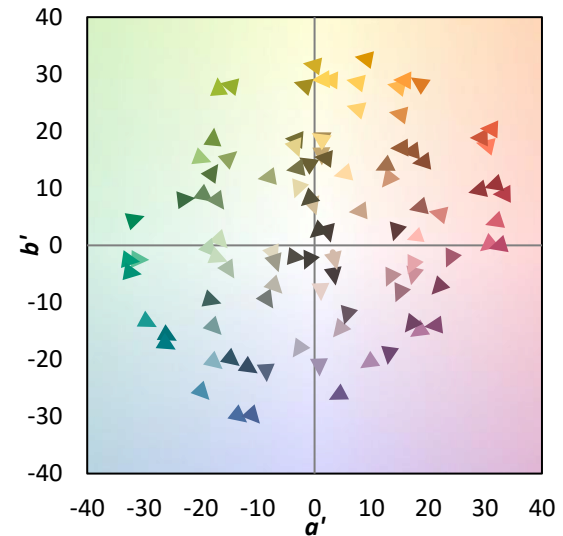
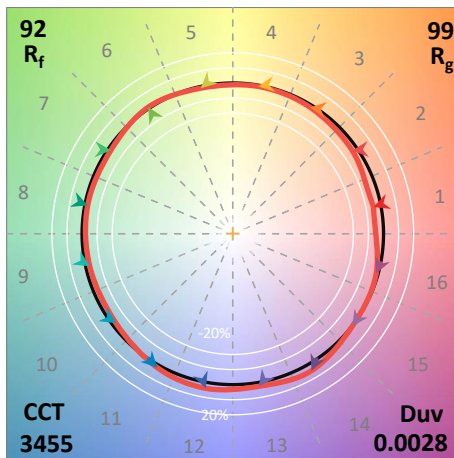
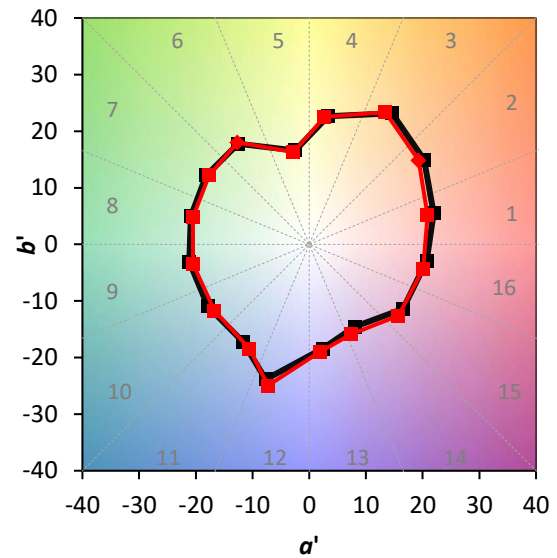
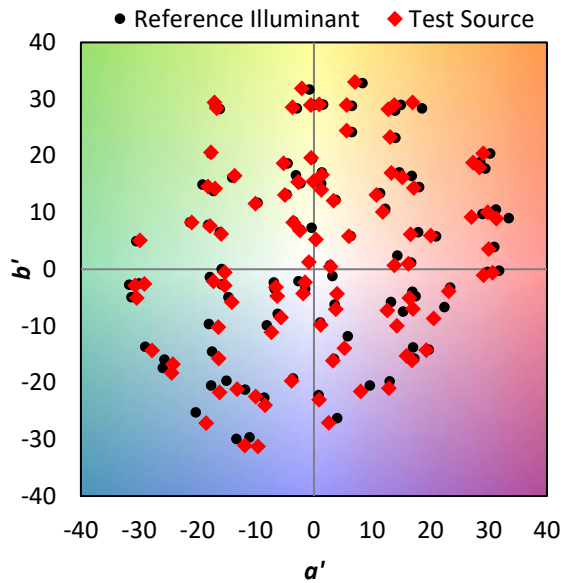
TM-30-18

Summary

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

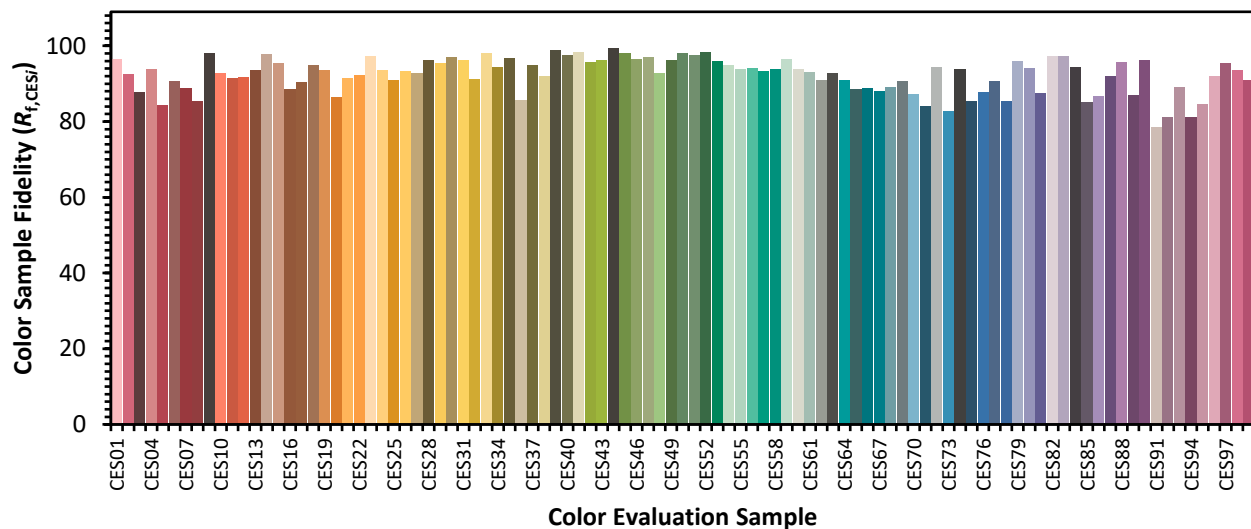


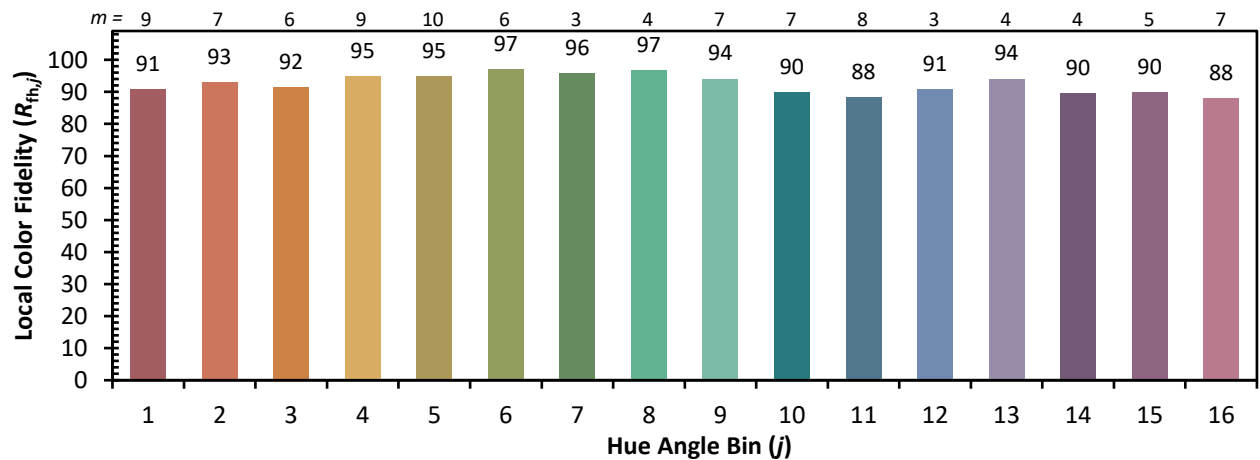
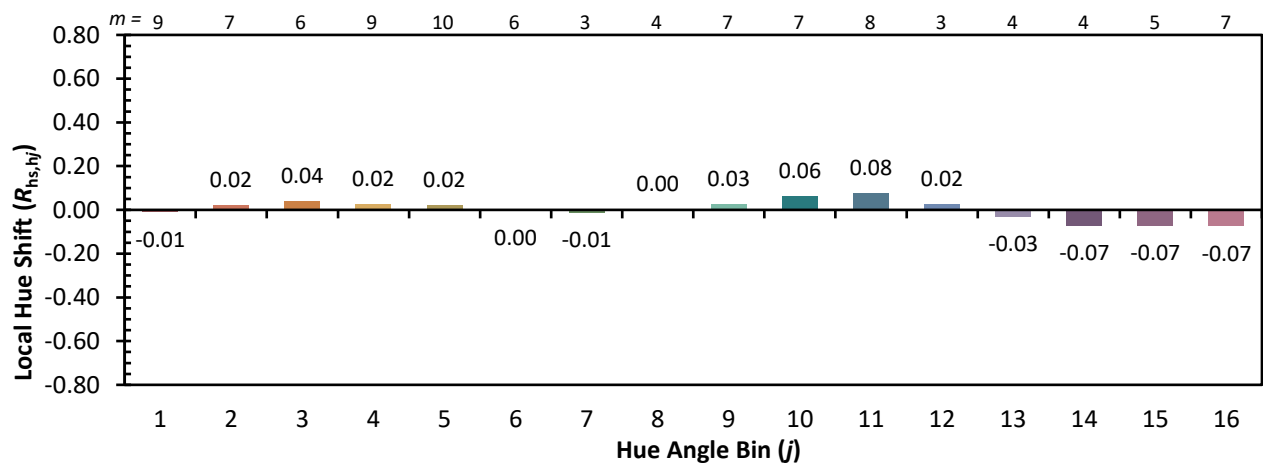
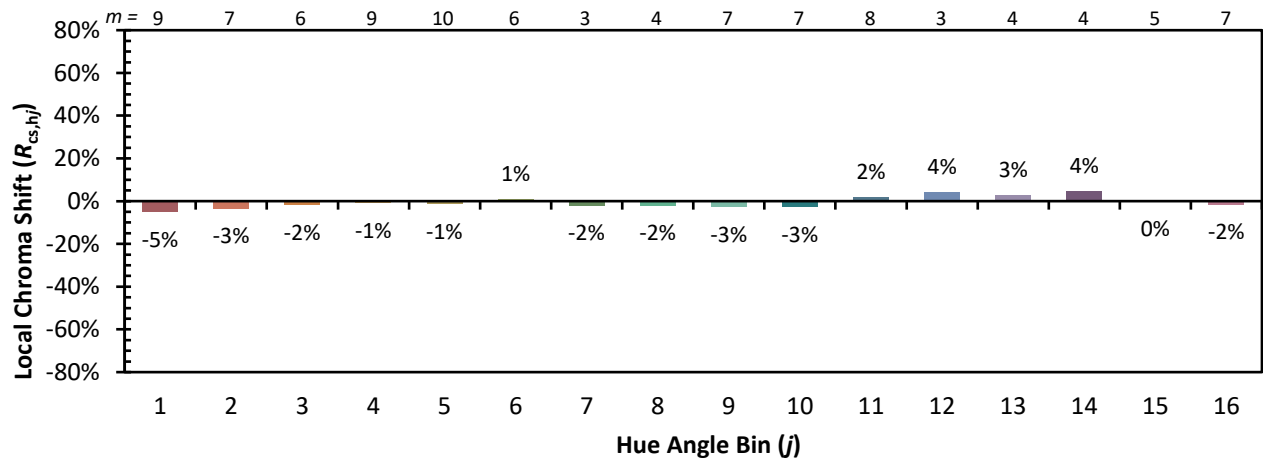
Color Vector Graphics



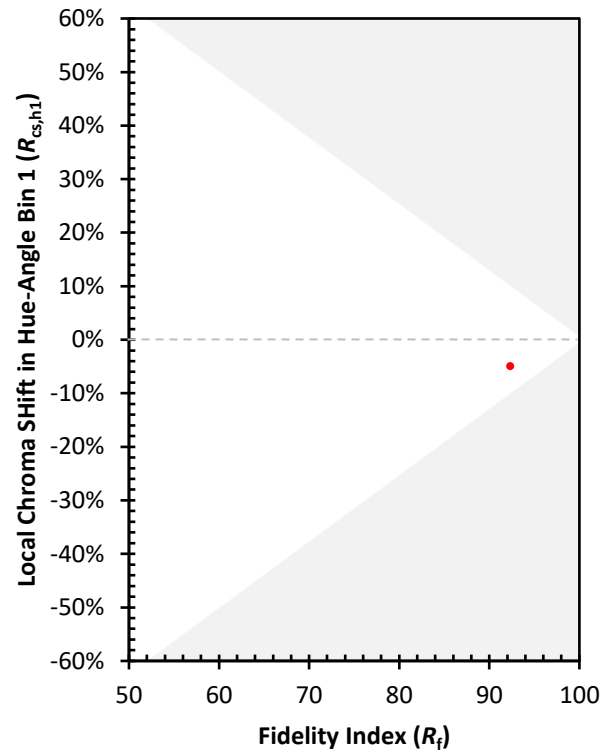
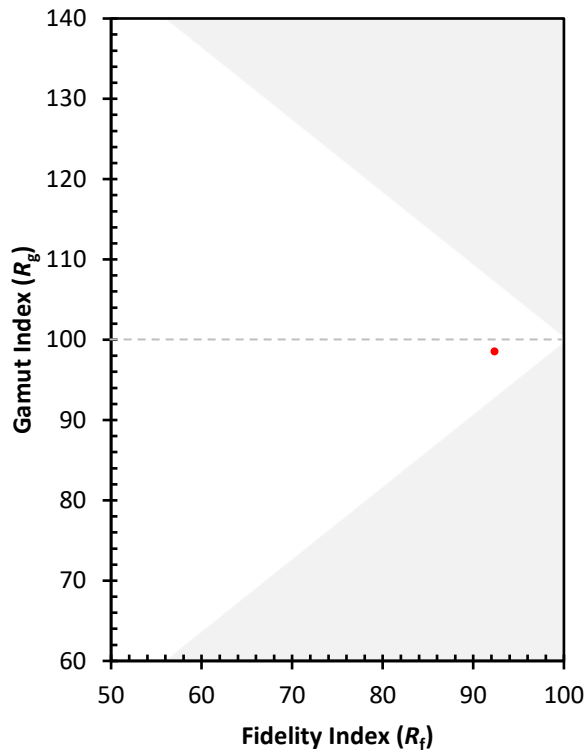
Individual Sample Fidelity Index ($R_{f,i}$)

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)