

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: STREETWORKS

Report Number: P1063169

Luminaire Tested: **GLAN-SA5A-935-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063169
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5A-935-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13638.8 lumens
Efficiency: N/A
Efficacy: 99.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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



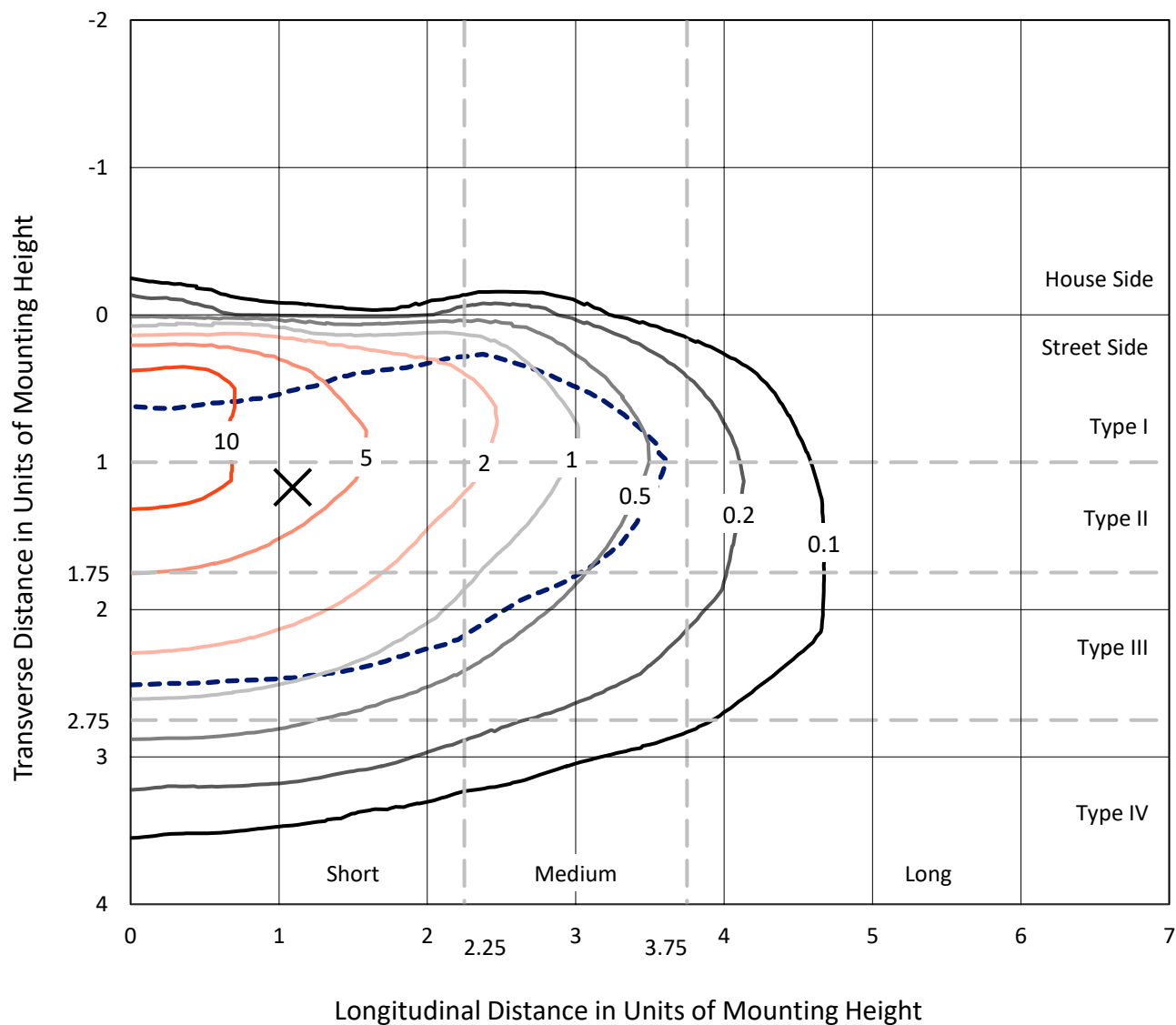
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CATALOG NUMBER: GLAN-SA5A-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

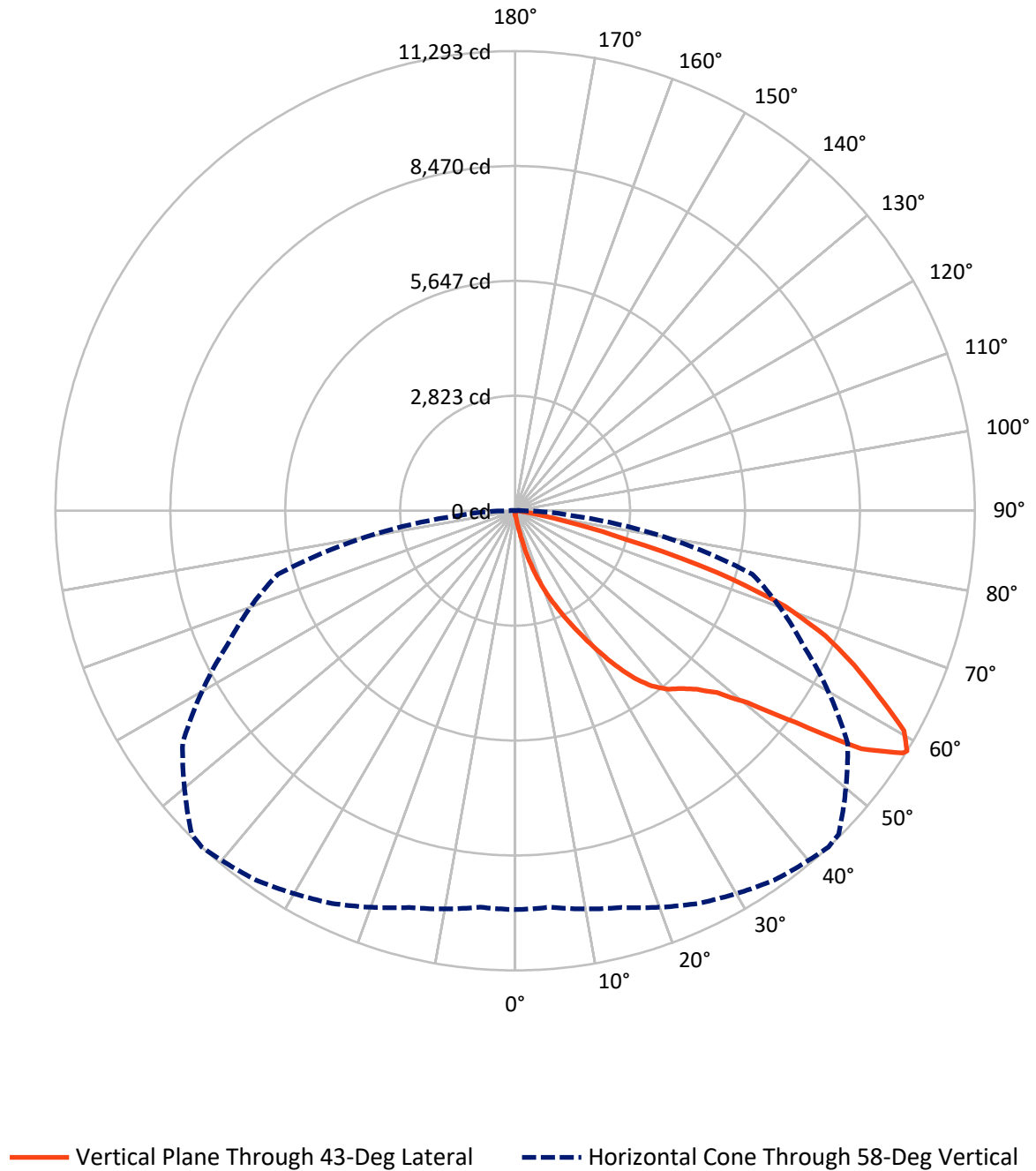


Based on 15 foot mounting height. Maximum calculated value = 15.3 fc
 Type III - Short - N/A

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CATALOG NUMBER: GLAN-SA5A-935-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.8	0.0	49.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13589.0	0.0	13589.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	13638.8	0.0	13638.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	156.8	1.1
20°-30°	565.1	4.1
30°-40°	1292.9	9.5
40°-50°	2180.6	16.0
50°-60°	3598.5	26.4
60°-70°	4021.8	29.5
70°-80°	1660.5	12.2
80°-90°	149.7	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°	13638.8	100.0
0°-180°	13638.8	100.0



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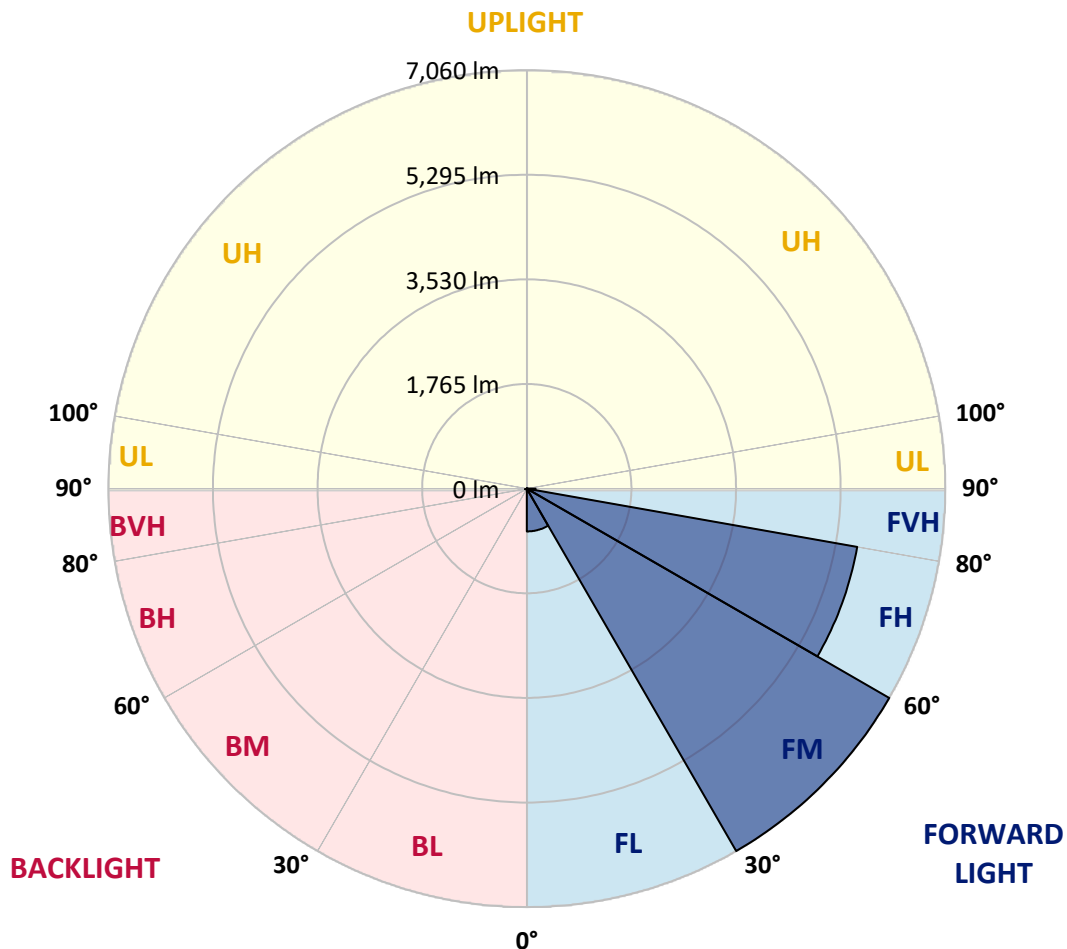
CATALOG NUMBER: GLAN-SA5A-935-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	721.9	5.3			
FM	(30°-60°)	7060.0	51.8			
FH	(60°-80°)	5659.5	41.5			G3/7500
FVH	(80°-90°)	147.6	1.1			G2/225
BL	(0°-30°)	13.0	0.1	B0/110		
BM	(30°-60°)	11.9	0.1	B0/220		
BH	(60°-80°)	22.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2.5°	107.0	110.6	107.0	107.0	107.0	103.4	103.4	99.9	99.9	96.3	92.7
5°	157.0	157.0	146.3	139.1	132.0	128.4	124.8	117.7	110.6	103.4	96.3
7.5°	349.6	349.6	317.5	274.7	217.6	185.5	178.4	146.3	124.8	110.6	96.3
10°	834.7	834.7	763.4	645.6	499.4	371.0	331.7	210.5	149.8	117.7	99.9
12.5°	1387.6	1405.4	1316.3	1166.4	948.8	724.1	645.6	385.2	199.8	128.4	99.9
15°	1883.4	1840.6	1815.7	1673.0	1466.1	1198.5	1098.7	649.2	288.9	146.3	99.9
17.5°	2218.7	2218.7	2183.1	2086.8	1897.7	1662.3	1580.2	1048.7	467.3	167.7	103.4
20°	2611.1	2611.1	2546.9	2479.1	2311.5	2111.7	2033.2	1491.0	724.1	214.0	103.4
22.5°	3085.5	3092.7	3021.3	2900.1	2739.5	2518.4	2450.6	1901.3	1048.7	285.4	107.0
25°	3663.4	3670.5	3567.1	3453.0	3206.8	2967.8	2864.4	2372.1	1444.7	399.5	107.0
27.5°	4301.9	4351.9	4198.5	4002.3	3741.9	3442.3	3363.8	2796.6	1837.1	563.6	114.1
30°	5097.4	5097.4	4894.1	4619.4	4337.6	3966.6	3866.7	3242.5	2254.4	781.2	121.3
32.5°	5782.3	5728.8	5468.4	5179.4	4879.8	4533.8	4426.8	3709.8	2682.5	1052.3	135.5
35°	6306.6	6260.3	5939.2	5628.9	5368.5	5051.0	4922.6	4216.3	3135.5	1359.1	157.0
37.5°	6756.1	6738.3	6303.1	5914.3	5743.0	5464.8	5350.7	4694.3	3581.4	1690.8	181.9
40°	7248.4	7191.3	6727.6	6246.0	5989.2	5764.4	5661.0	5079.6	4009.4	2079.6	217.6
42.5°	7669.3	7601.5	7184.1	6713.3	6274.5	5971.3	5871.5	5404.2	4426.8	2468.4	264.0
45°	8136.6	8100.9	7680.0	7323.3	6738.3	6253.1	6121.1	5664.6	4808.5	2932.2	324.6
47.5°	8839.3	8775.1	8382.7	8090.2	7412.4	6681.2	6492.1	5932.1	5175.9	3388.7	417.4
50°	9656.1	9613.3	9381.5	9149.6	8475.4	7412.4	7187.7	6317.3	5586.1	3930.9	538.6
52.5°	10323.2	10316.1	10344.6	10348.2	9838.1	8643.1	8307.8	6938.0	6056.9	4466.0	709.9
55°	10308.9	10341.0	10654.9	11015.2	11054.5	10323.2	9998.6	7983.2	6670.5	5125.9	948.8
57.5°	9923.7	9898.7	10230.5	10772.7	11154.3	11232.8	11179.3	9606.2	7594.4	5921.4	1316.3
58°	9798.8	9777.4	10091.3	10644.2	11083.0	11293.4	11239.9	9973.6	7801.3	6035.5	1416.1
60°	9345.8	9349.4	9534.9	10037.8	10476.6	10976.0	11025.9	11022.3	8832.1	6798.9	1919.1
62.5°	8746.5	8718.0	8889.2	9299.4	9684.7	10020.0	10105.6	11093.7	10341.0	7769.1	2878.7
65°	7919.0	7876.2	8058.1	8521.8	8935.6	9153.2	9156.8	10137.7	11050.9	8810.7	4248.4
67.5°	6381.5	6345.9	6709.7	7305.4	7943.9	8229.3	8357.7	8796.5	10451.6	9517.0	5033.2
70°	3909.5	3984.5	4491.0	5425.6	6517.1	7041.5	7234.1	7369.6	8899.9	9410.0	4209.2
72.5°	1805.0	1715.8	2147.4	2800.2	4045.1	5211.5	5411.3	5942.8	7055.7	8168.7	3139.1
75°	841.8	809.7	909.6	1223.5	1833.5	2814.4	3178.3	4744.2	5411.3	5682.4	2265.1
77.5°	431.6	435.2	517.2	556.5	756.2	1302.0	1494.6	3121.2	3966.6	3171.2	1519.6
80°	189.1	196.2	199.8	217.6	306.8	503.0	567.2	1448.2	2711.0	1615.9	831.1
82.5°	121.3	124.8	124.8	124.8	146.3	199.8	228.3	581.4	1351.9	802.6	256.8
85°	64.2	64.2	71.3	89.2	103.4	121.3	128.4	185.5	445.9	239.0	60.6
87.5°	35.7	39.2	42.8	53.5	67.8	82.0	89.2	128.4	171.2	164.1	14.3
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: GLAN-SA5A-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2.5°	92.7	89.2	85.6	82.0	78.5	74.9	74.9	74.9	74.9	74.9	74.9
5°	89.2	85.6	82.0	74.9	67.8	64.2	60.6	57.1	57.1	57.1	57.1
7.5°	89.2	85.6	74.9	67.8	60.6	53.5	46.4	46.4	46.4	46.4	46.4
10°	89.2	82.0	71.3	60.6	49.9	42.8	39.2	35.7	35.7	35.7	35.7
12.5°	89.2	78.5	67.8	53.5	42.8	35.7	32.1	28.5	28.5	28.5	28.5
15°	89.2	78.5	64.2	49.9	39.2	28.5	25.0	21.4	21.4	21.4	21.4
17.5°	85.6	74.9	60.6	42.8	32.1	21.4	17.8	14.3	14.3	17.8	17.8
20°	82.0	71.3	53.5	35.7	25.0	17.8	10.7	10.7	10.7	10.7	10.7
22.5°	82.0	71.3	49.9	32.1	21.4	10.7	7.1	7.1	7.1	7.1	10.7
25°	82.0	67.8	42.8	25.0	14.3	7.1	3.6	3.6	3.6	3.6	3.6
27.5°	82.0	67.8	39.2	21.4	10.7	7.1	3.6	0.0	0.0	0.0	0.0
30°	78.5	64.2	35.7	17.8	7.1	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	78.5	60.6	28.5	14.3	7.1	3.6	0.0	0.0	0.0	0.0	0.0
35°	82.0	57.1	25.0	10.7	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	85.6	53.5	21.4	7.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	89.2	49.9	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	96.3	49.9	17.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	103.4	49.9	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	117.7	53.5	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	128.4	57.1	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	142.7	53.5	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	160.5	53.5	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	174.8	49.9	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	181.9	46.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	217.6	42.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	338.9	35.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	688.5	32.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1284.2	28.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1437.5	32.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	906.0	25.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	478.0	25.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	239.0	25.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	110.6	17.8	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	46.4	10.7	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.4	10.7	7.1	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.7	10.7	10.7	7.1	7.1	3.6	3.6	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

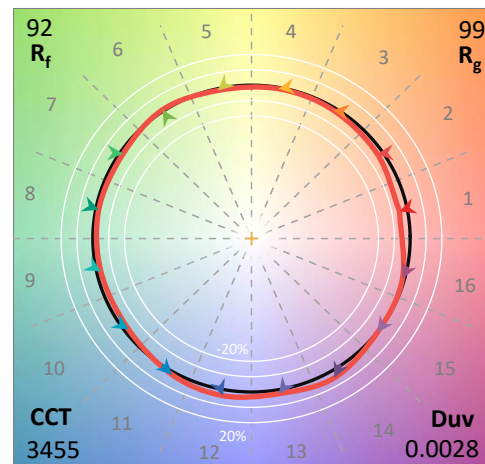
Test Information

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

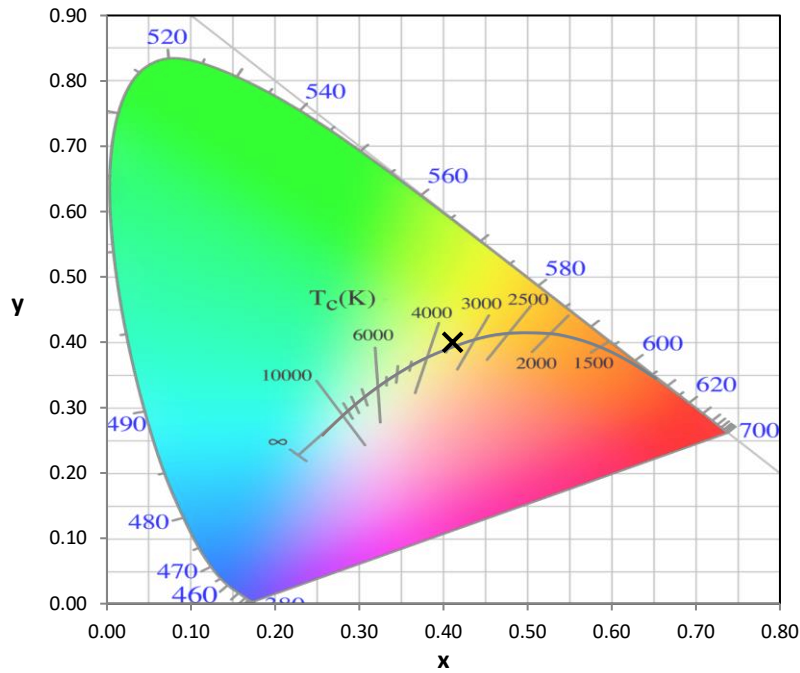
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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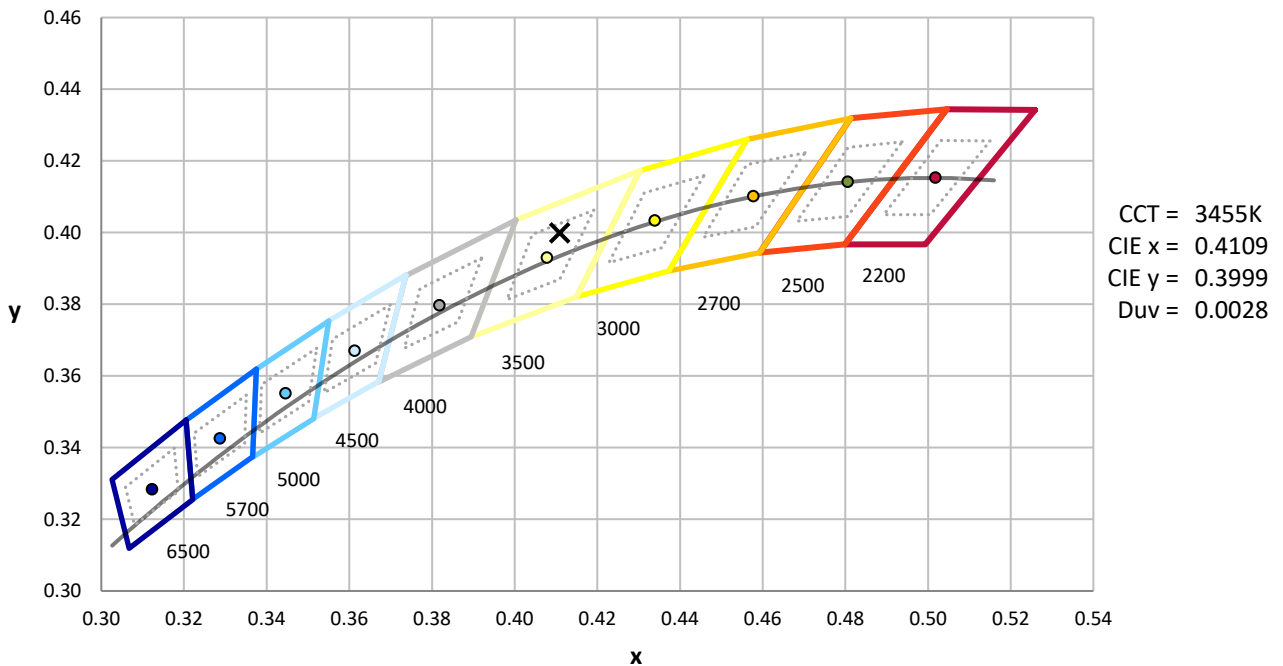
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



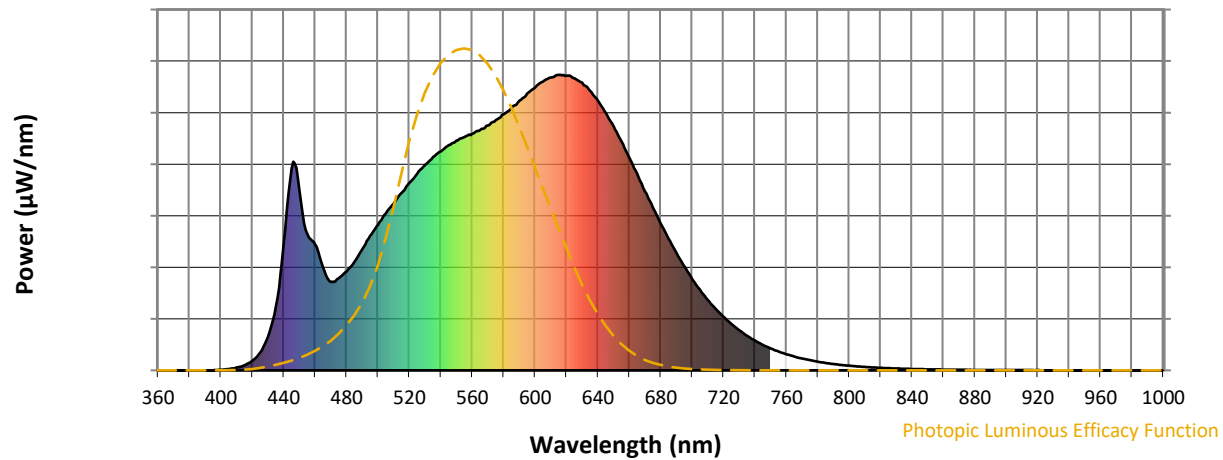
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

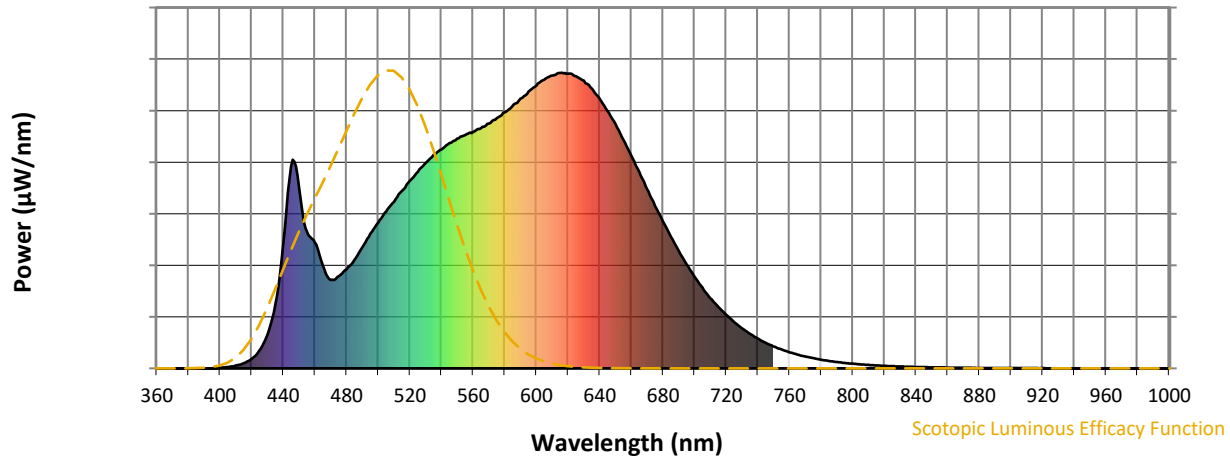


Photopic Lumens: NR

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



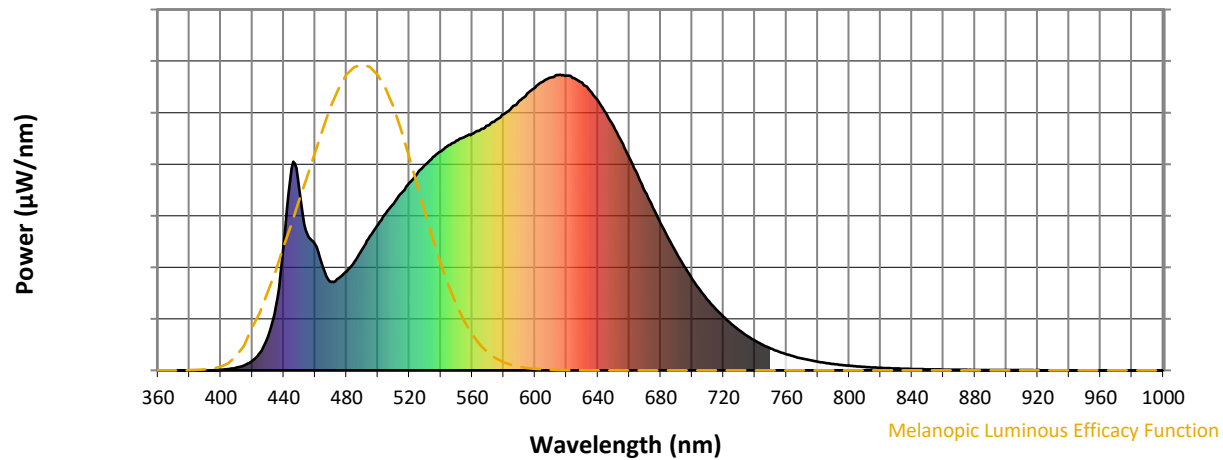
Scotopic Lumens: NR

S/P: 1.58

λ (nm)	Power W [^] /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

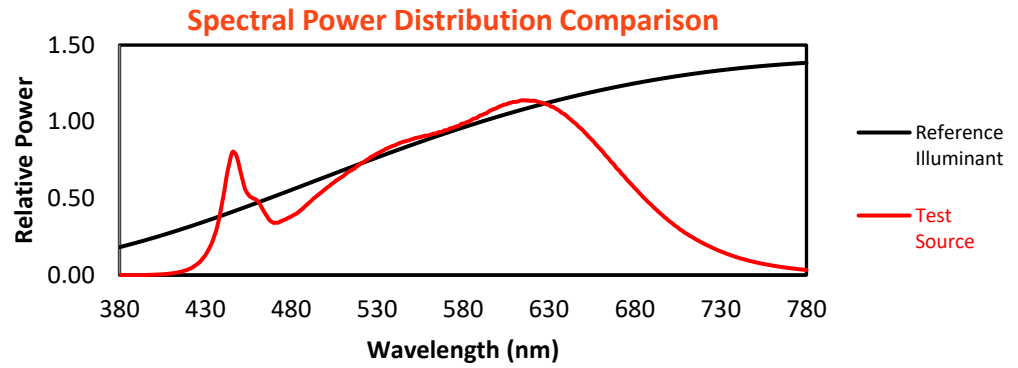
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410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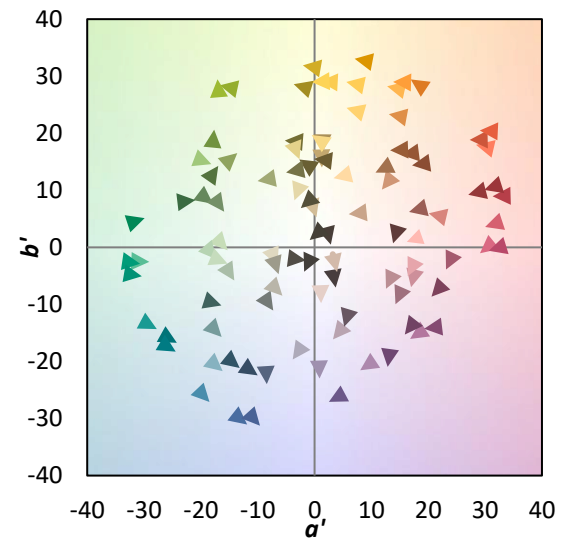
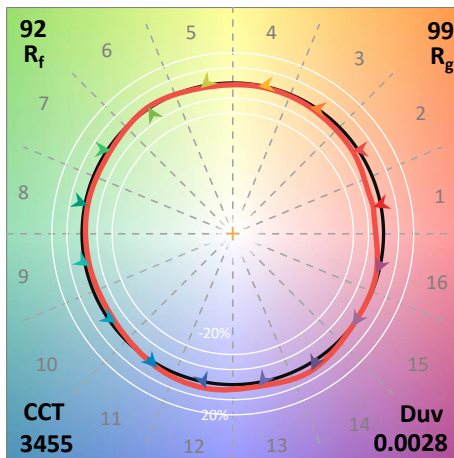
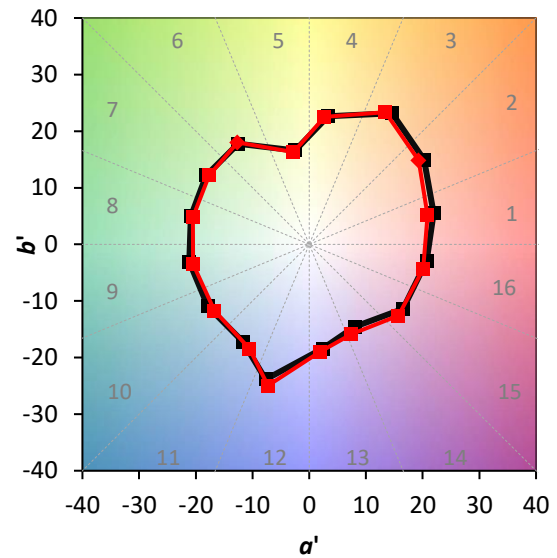
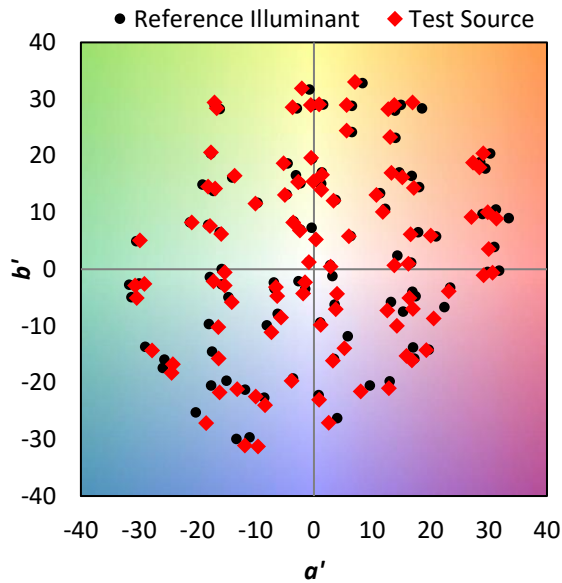
TM-30-18

Summary

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

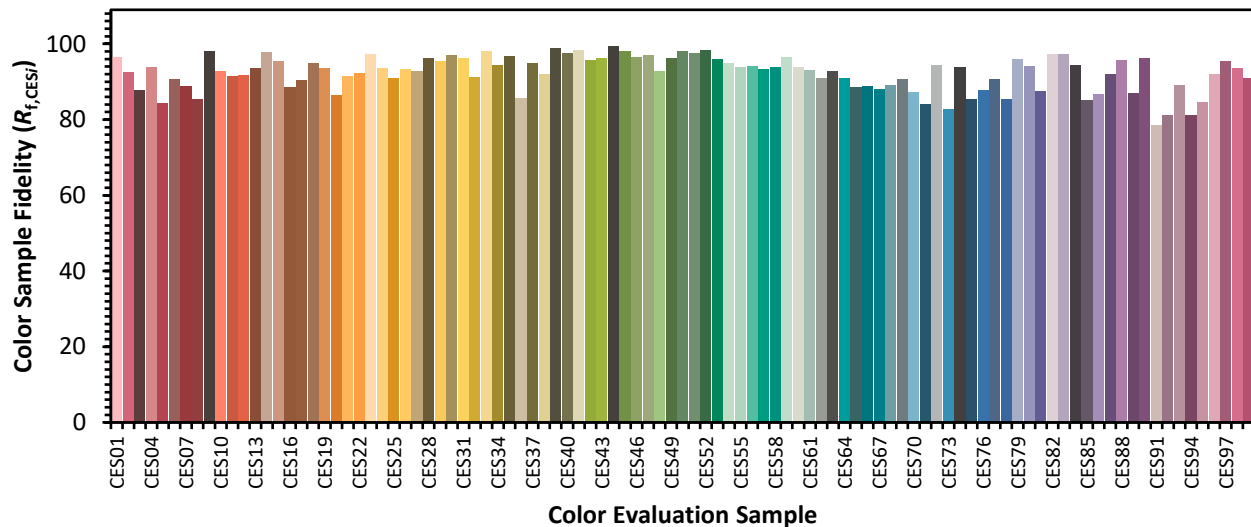


Color Vector Graphics

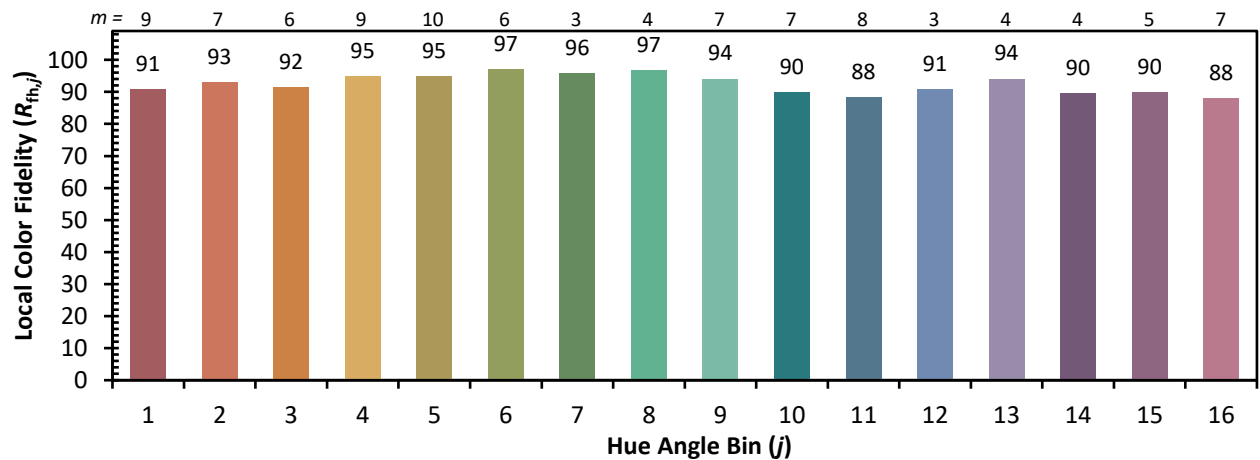
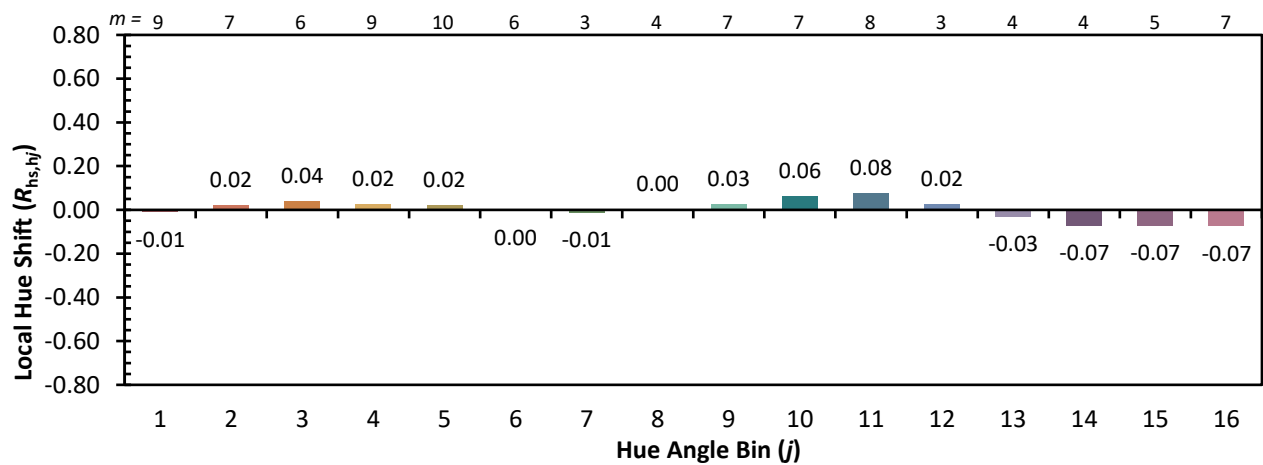
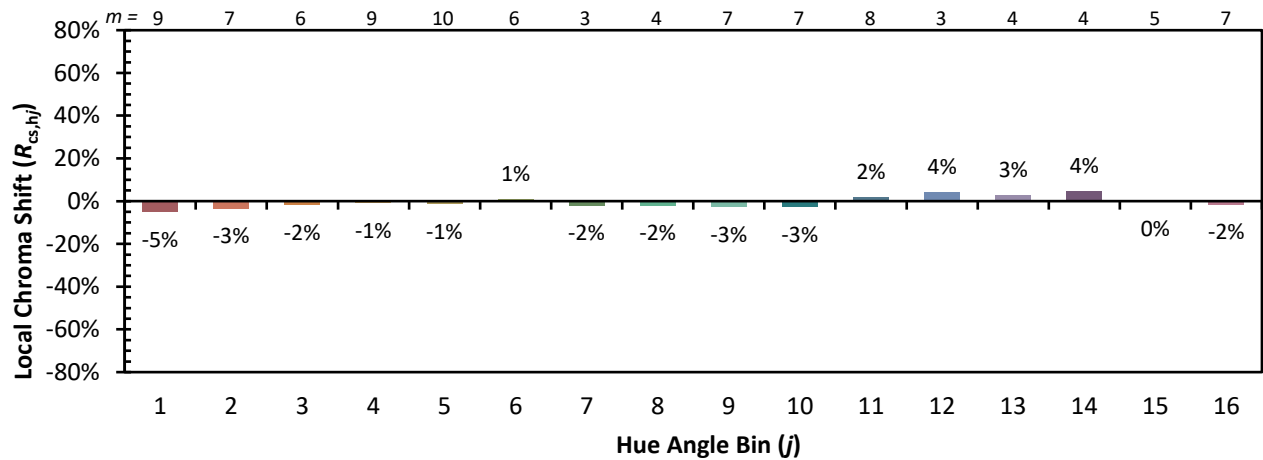


Individual Sample Fidelity Index ($R_{f,i}$)

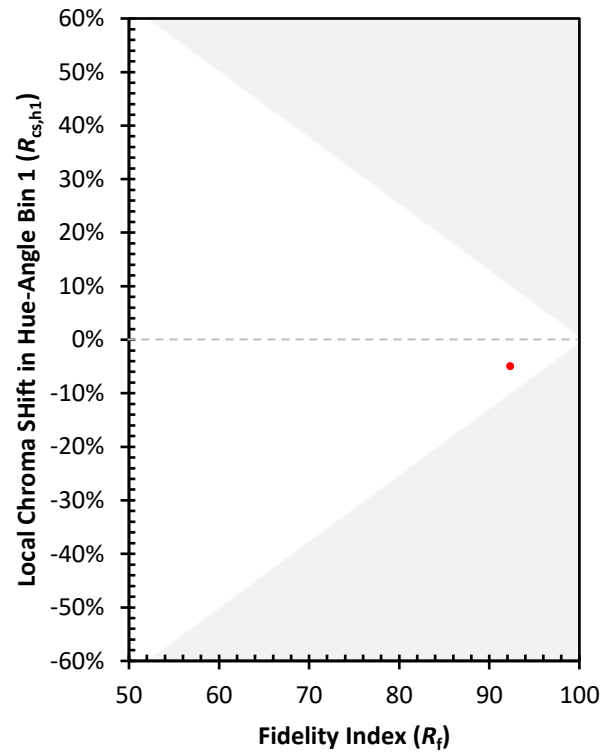
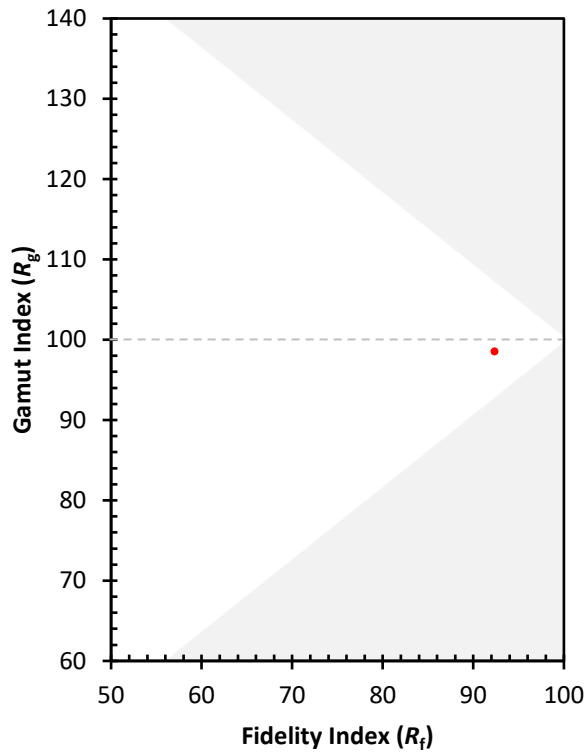
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 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)