

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: P1048714

Luminaire Tested: **GALN-SA3B-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048714
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9850.1 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

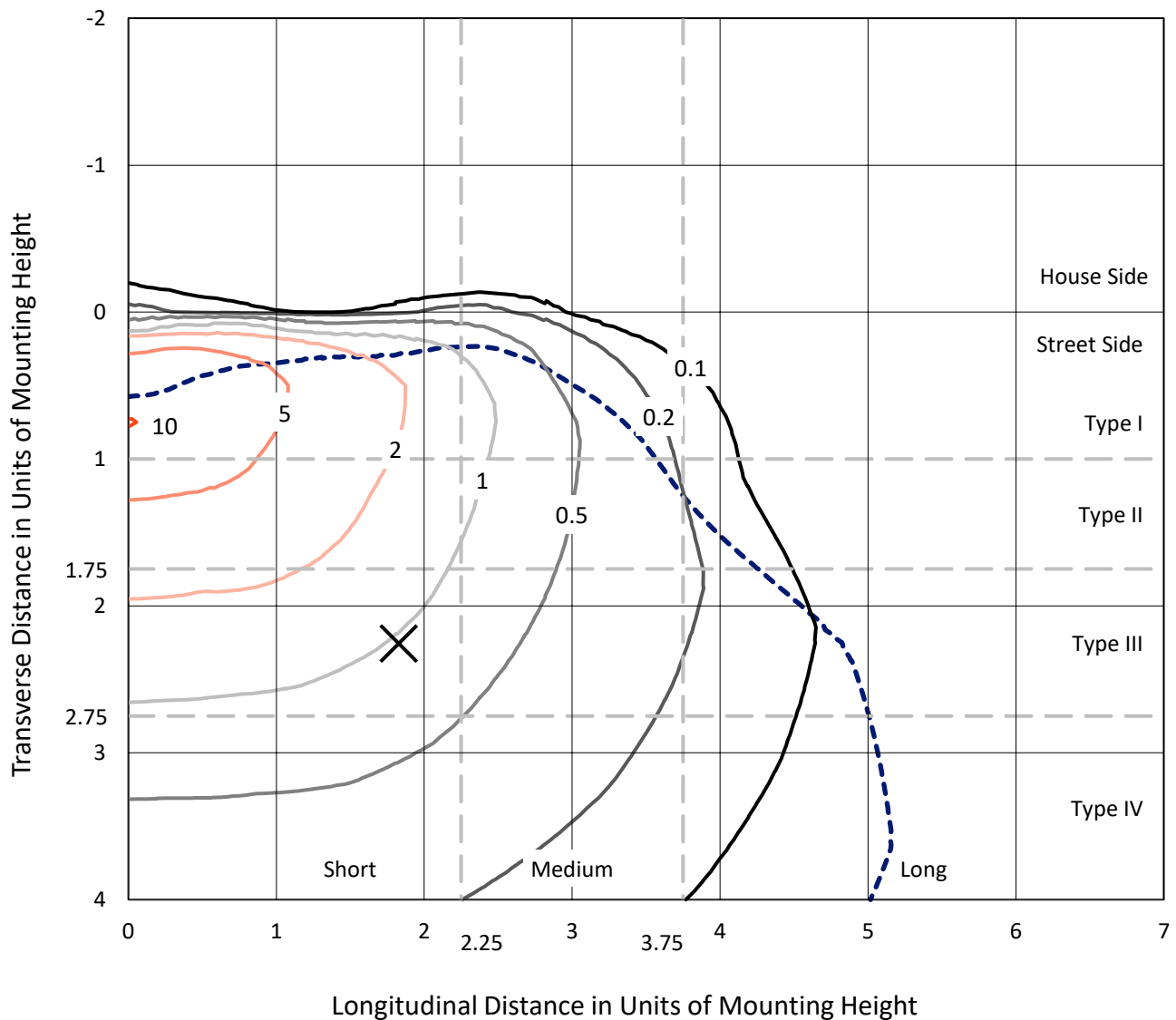


REPORT NUMBER: P1048714

CATALOG NUMBER: GALN-SA3B-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

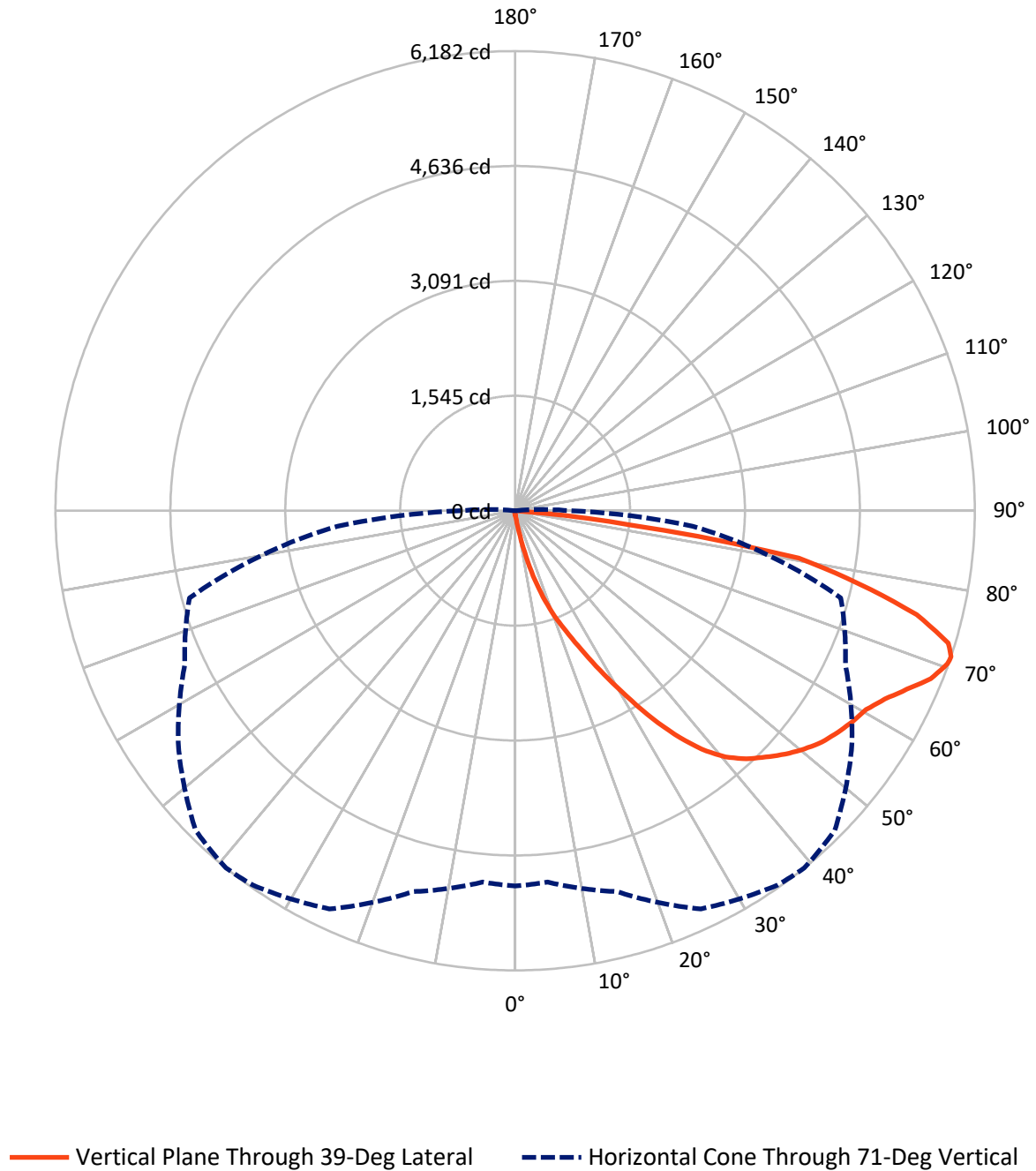


Based on 15 foot mounting height. Maximum calculated value = 10.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048714

CATALOG NUMBER: GALN-SA3B-930-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048714

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.0	0.0	35.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9815.1	0.0	9815.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	9850.1	0.0	9850.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.1
10°-20°	105.3	1.1
20°-30°	374.9	3.8
30°-40°	903.6	9.2
40°-50°	1512.2	15.4
50°-60°	1942.3	19.7
60°-70°	2458.0	25.0
70°-80°	2191.4	22.2
80°-90°	354.2	3.6
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°	9850.1	100.0
0°-180°	9850.1	100.0



REPORT NUMBER: P1048714

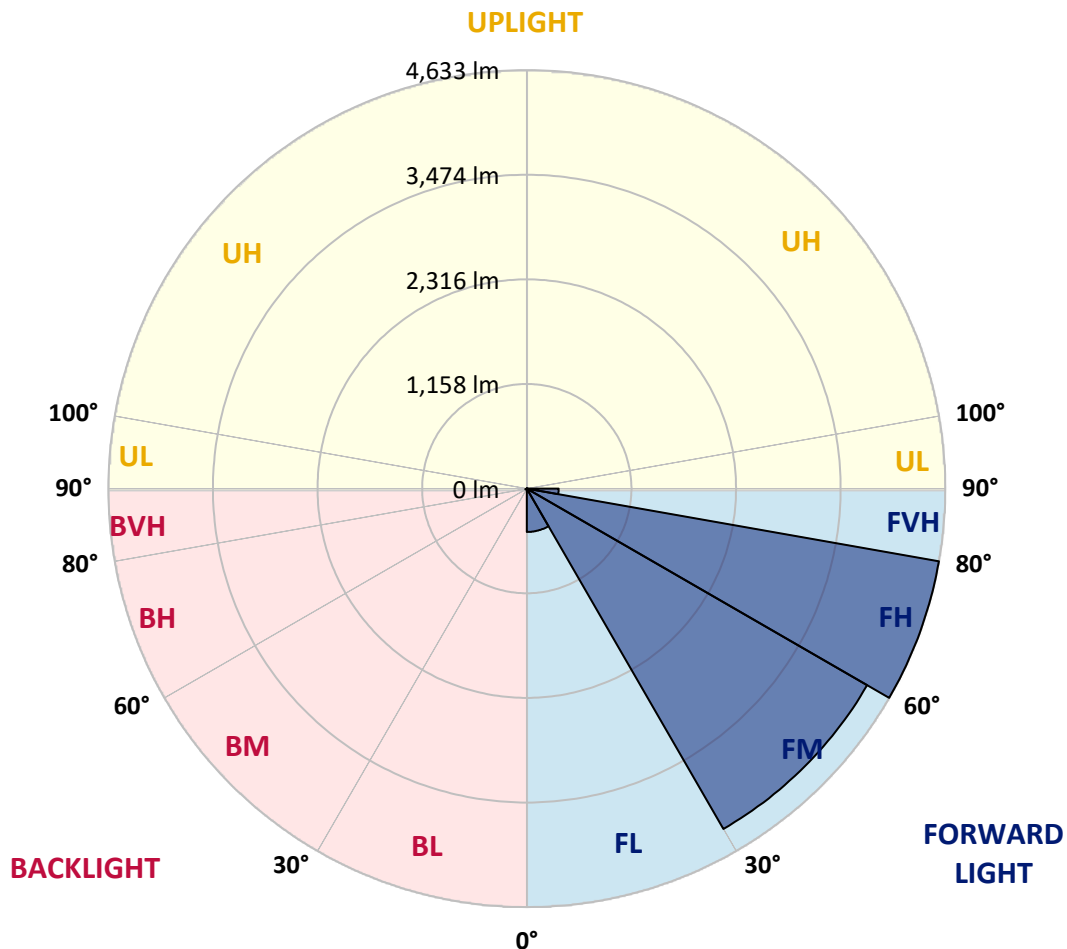
CATALOG NUMBER: GALN-SA3B-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	480.0	4.9			
FM	(30°-60°)	4350.0	44.2			
FH	(60°-80°)	4632.5	47.0			G2/5000
FVH	(80°-90°)	352.6	3.6			G3/500
BL	(0°-30°)	8.5	0.1	B0/110		
BM	(30°-60°)	8.1	0.1	B0/220		
BH	(60°-80°)	16.8	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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 IV Short



REPORT NUMBER: P1048714

CATALOG NUMBER: GALN-SA3B-930-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	62.0	62.0	62.0	60.0	60.0	59.3	58.7	58.7	57.3	56.7	55.3
5°	94.0	92.0	87.4	84.7	79.3	76.0	72.7	68.0	63.3	60.0	56.0
7.5°	212.7	217.4	202.0	173.4	144.0	131.4	110.0	88.7	73.3	63.3	56.7
10°	542.1	539.4	487.4	430.1	332.1	292.7	229.4	144.7	94.7	69.3	57.3
12.5°	922.2	919.5	858.2	780.2	650.8	568.8	448.8	270.1	136.0	78.7	57.3
15°	1241.6	1230.9	1211.6	1134.2	982.9	914.2	755.5	477.4	220.0	94.7	58.7
17.5°	1453.0	1443.6	1425.6	1397.6	1301.6	1220.2	1092.9	750.2	356.1	122.7	61.3
20°	1647.0	1640.3	1625.7	1620.3	1558.3	1515.0	1409.6	1063.5	554.8	166.7	65.3
22.5°	1913.7	1899.7	1905.7	1873.7	1813.0	1761.0	1696.3	1391.6	797.5	240.0	72.7
25°	2240.5	2233.8	2217.1	2194.4	2110.4	2065.1	1965.7	1701.0	1068.9	336.1	80.7
27.5°	2635.2	2627.9	2623.9	2571.9	2475.2	2425.8	2287.1	1993.1	1374.3	470.8	91.4
30°	3090.0	3093.3	3067.3	3000.6	2887.9	2818.6	2675.9	2299.1	1687.0	628.8	102.7
32.5°	3560.7	3554.0	3514.0	3435.4	3334.7	3270.0	3088.6	2634.5	2015.1	837.5	116.0
35°	4068.2	4055.5	3950.1	3860.1	3774.1	3692.7	3527.4	3023.9	2343.1	1071.5	134.0
37.5°	4580.3	4520.9	4309.5	4195.5	4136.2	4069.5	3915.5	3439.4	2669.2	1332.9	156.0
40°	4967.0	4921.0	4670.3	4460.2	4412.9	4356.2	4241.5	3798.1	3015.9	1613.7	182.7
42.5°	5181.0	5155.7	4930.3	4722.9	4611.6	4561.6	4463.6	4111.5	3358.7	1923.7	221.4
45°	5272.4	5233.1	5082.4	4985.7	4808.3	4725.6	4608.9	4348.2	3716.7	2275.8	275.4
47.5°	5244.4	5221.7	5113.7	5149.0	5020.3	4891.7	4720.3	4529.6	4022.8	2679.9	349.4
50°	5068.4	5049.0	5015.7	5207.0	5191.0	5039.0	4864.3	4672.9	4272.9	3096.6	464.1
52.5°	4733.6	4725.6	4811.0	5161.7	5287.7	5169.0	5003.0	4799.6	4506.2	3532.0	628.1
55°	4302.2	4334.9	4578.9	5091.0	5337.1	5265.1	5125.7	4918.3	4693.6	3921.5	870.2
57.5°	4124.8	4133.5	4438.2	5041.0	5359.1	5349.7	5245.1	5031.7	4865.6	4232.9	1239.6
60°	4332.2	4318.9	4479.6	5079.0	5403.1	5425.8	5351.1	5137.0	5015.0	4500.2	1731.7
62.5°	4706.9	4699.6	4751.0	5241.1	5531.8	5577.8	5498.4	5213.0	5147.0	4676.3	2293.1
65°	5041.7	5026.3	5121.7	5528.4	5757.8	5790.5	5721.2	5343.1	5205.0	4804.3	2820.6
67.5°	5186.4	5183.0	5336.4	5801.8	5995.2	6030.5	5969.9	5522.4	5191.7	4845.0	3053.3
70°	5120.4	5107.7	5353.1	5917.9	6129.2	6169.2	6110.6	5589.1	5047.0	4716.3	2708.5
71°	5047.7	5013.7	5303.1	5909.9	6147.9	6181.9	6079.2	5528.4	4901.7	4533.6	2395.8
72.5°	4822.3	4828.3	5165.7	5826.5	6103.2	6093.2	5901.9	5311.1	4726.3	4118.8	1924.4
75°	4267.5	4302.9	4720.9	5476.4	5704.5	5577.1	5284.4	4895.7	4374.2	2953.3	1336.3
77.5°	3487.4	3540.0	3999.5	4803.0	4738.3	4725.6	4713.6	4313.5	3735.4	1586.3	929.5
80°	1665.0	1779.0	2412.5	3428.7	3724.7	3868.1	3778.1	3476.0	2888.6	755.5	555.4
82.5°	108.7	107.4	152.0	288.1	1214.2	1569.6	2493.8	2484.5	2013.7	368.1	226.7
85°	51.3	52.7	58.0	66.0	76.7	84.0	116.0	680.1	963.5	175.4	49.3
87.5°	30.0	30.7	36.0	46.0	60.0	66.7	79.3	102.0	125.4	96.7	10.7
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: P1048714

CATALOG NUMBER: GALN-SA3B-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	54.7	54.0	52.0	50.0	48.0	46.7	46.0	46.7	46.7	47.3	47.3
5°	54.7	52.7	49.3	45.3	42.7	40.0	38.7	38.0	38.7	38.7	38.7
7.5°	54.0	50.7	46.0	41.3	38.0	34.7	33.3	32.7	32.7	33.3	33.3
10°	52.7	49.3	43.3	38.0	34.0	30.0	28.0	26.0	26.0	26.0	26.7
12.5°	52.0	47.3	40.0	34.7	29.3	24.7	20.7	18.7	19.3	19.3	19.3
15°	50.7	45.3	38.0	31.3	24.7	18.7	15.3	13.3	14.0	14.7	14.0
17.5°	50.7	44.7	35.3	27.3	19.3	14.0	11.3	10.0	10.0	10.7	10.7
20°	50.7	43.3	33.3	23.3	14.7	10.7	8.0	7.3	7.3	8.7	9.3
22.5°	52.0	43.3	30.7	19.3	12.0	8.0	6.0	5.3	6.0	7.3	8.0
25°	54.0	42.7	28.0	17.3	10.0	6.0	4.7	3.3	4.0	5.3	6.0
27.5°	56.0	42.0	25.3	15.3	8.0	4.7	3.3	2.7	2.0	2.7	2.7
30°	58.0	42.0	22.7	12.7	6.7	3.3	2.0	1.3	0.7	0.0	0.0
32.5°	59.3	40.7	20.7	10.0	5.3	2.7	1.3	0.7	0.0	0.0	0.0
35°	60.7	39.3	18.0	8.0	4.0	2.0	0.7	0.0	0.0	0.0	0.0
37.5°	62.0	37.3	15.3	6.7	3.3	1.3	0.0	0.0	0.0	0.0	0.0
40°	63.3	34.7	12.7	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	64.7	32.7	10.7	4.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	68.0	31.3	8.7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	74.0	30.0	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.7	28.7	7.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	94.7	28.0	6.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	116.0	27.3	6.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	152.7	26.7	6.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	234.0	25.3	6.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	418.1	24.7	5.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	728.8	25.3	5.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1044.9	26.7	4.7	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	894.2	23.3	4.7	2.7	1.3	0.7	0.0	0.0	0.0	0.0	0.0
71°	728.8	20.7	4.7	2.7	1.3	0.7	0.7	0.0	0.0	0.0	0.0
72.5°	468.8	16.0	4.0	2.7	1.3	1.3	0.7	0.0	0.0	0.0	0.0
75°	198.0	13.3	4.0	2.7	2.0	1.3	1.3	0.7	0.0	0.0	0.0
77.5°	84.7	10.0	4.0	3.3	2.7	2.0	2.0	1.3	0.7	0.0	0.0
80°	32.0	8.0	4.7	4.0	3.3	3.3	2.7	1.3	0.7	0.0	0.0
82.5°	14.7	6.7	4.7	4.0	4.0	3.3	2.7	2.0	1.3	0.0	0.0
85°	9.3	6.0	4.7	4.0	4.0	3.3	3.3	2.0	1.3	0.0	0.0
87.5°	7.3	6.0	4.7	4.7	4.0	4.0	2.7	2.0	0.7	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

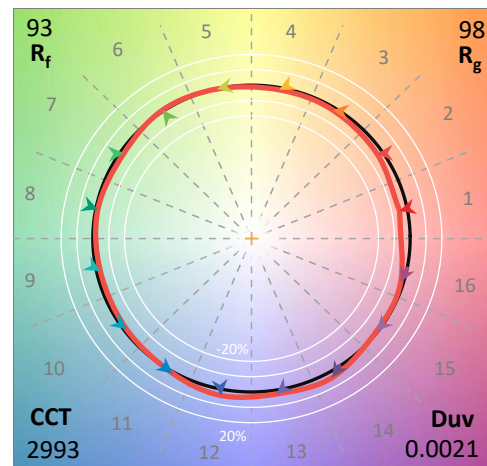
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

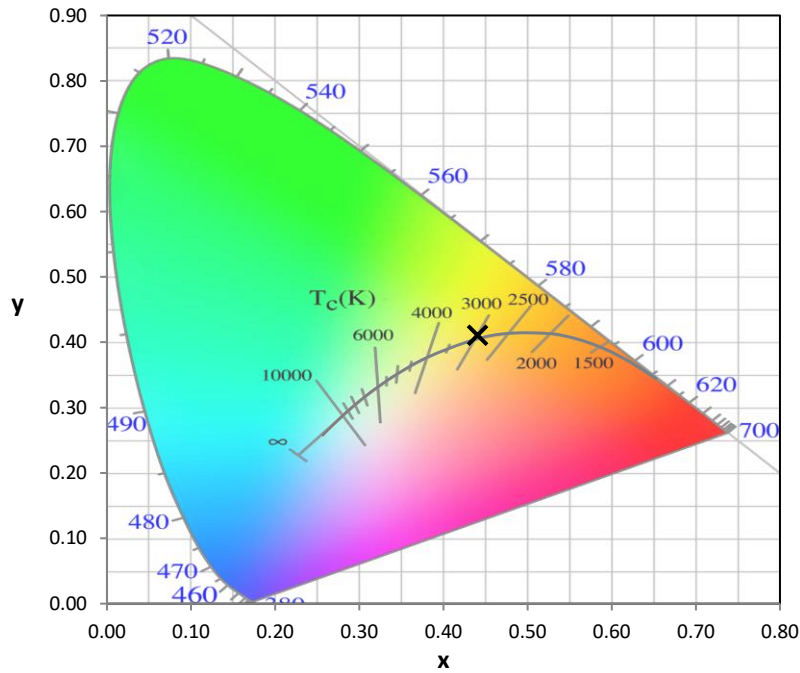
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

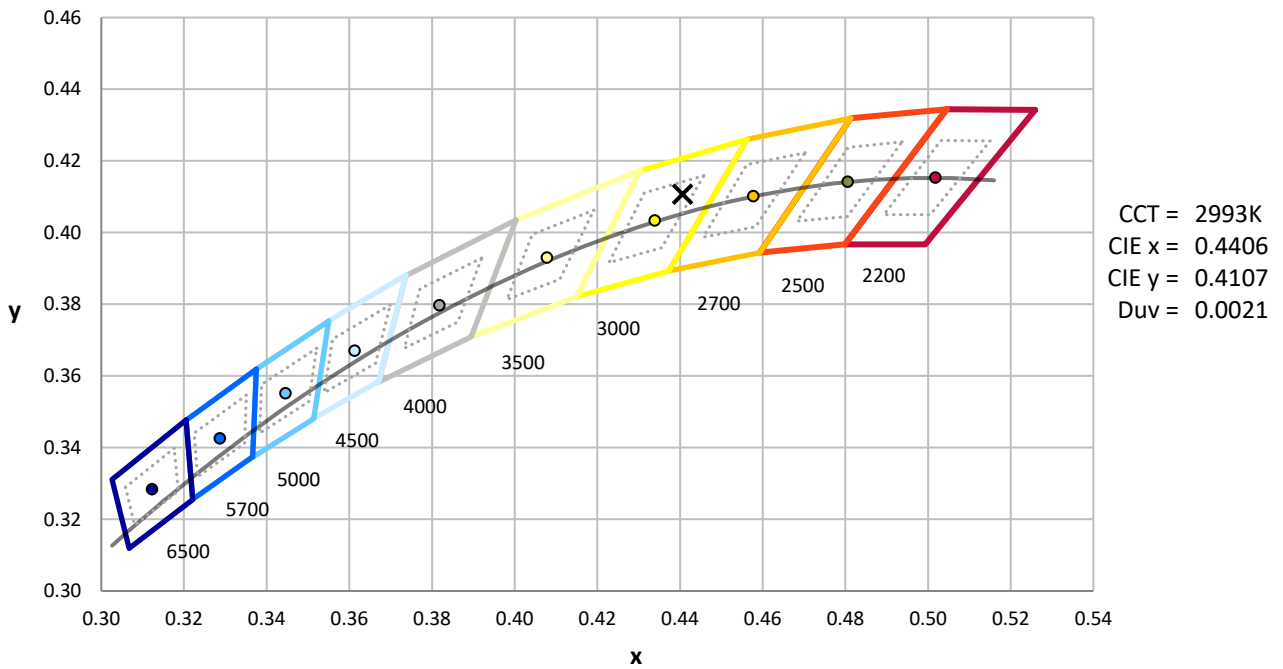
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



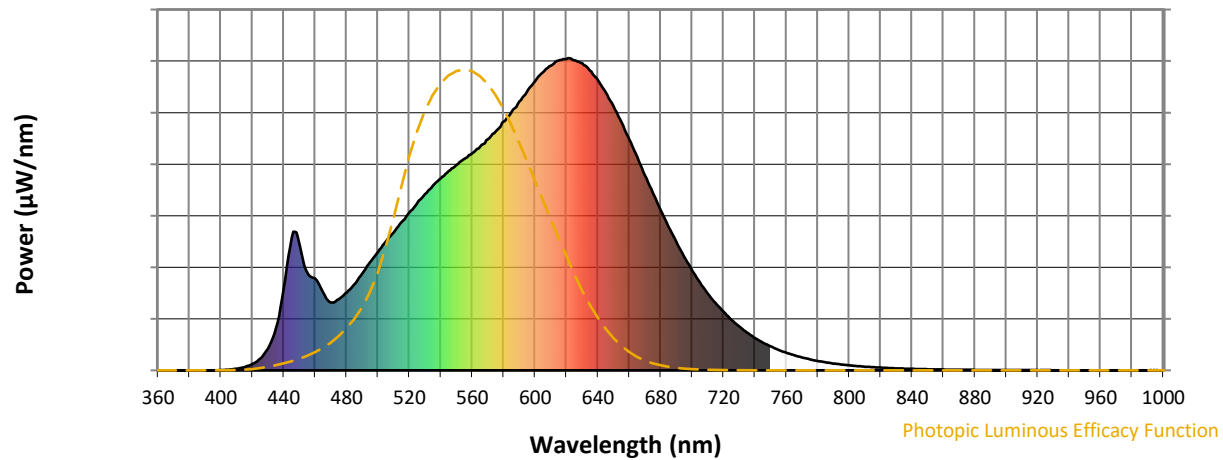
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

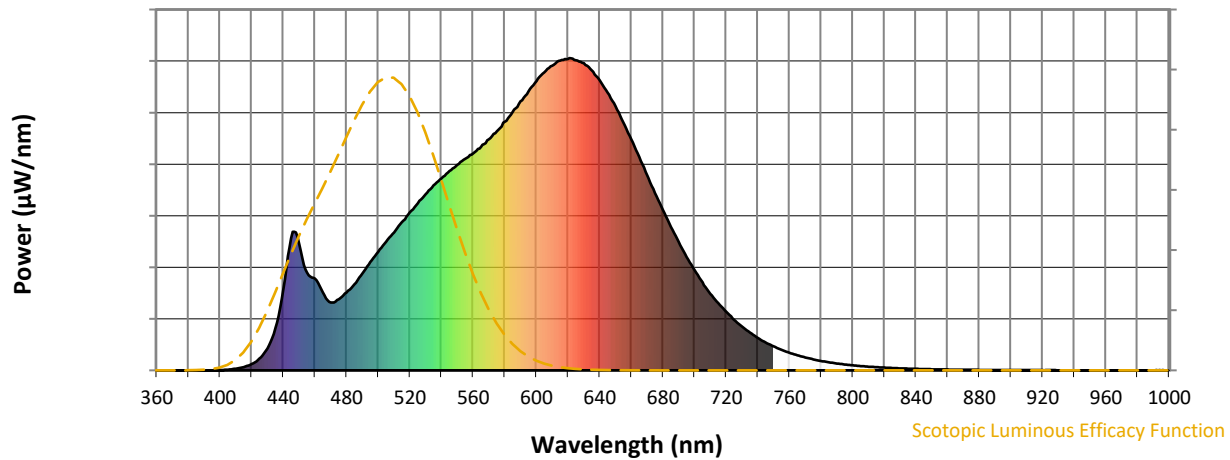


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



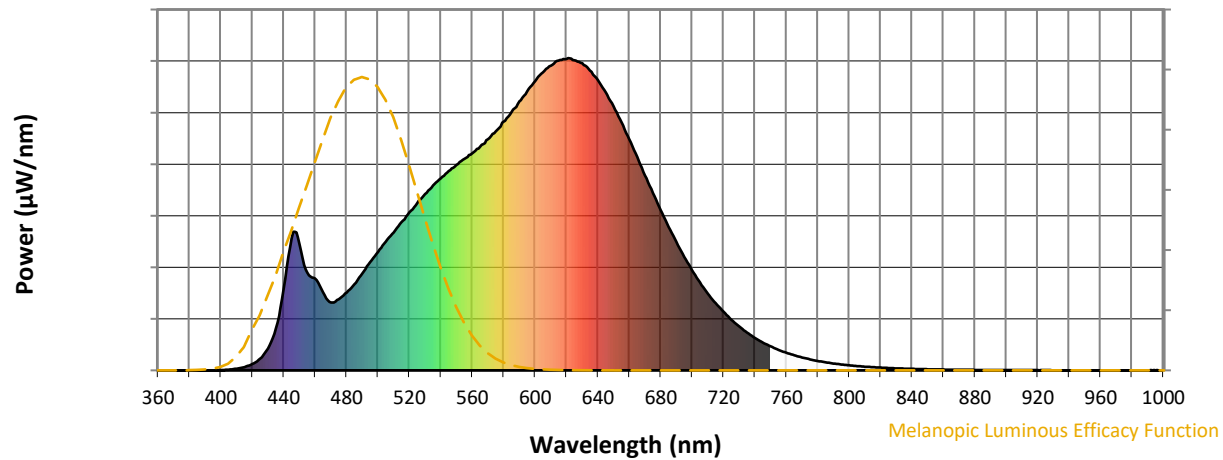
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

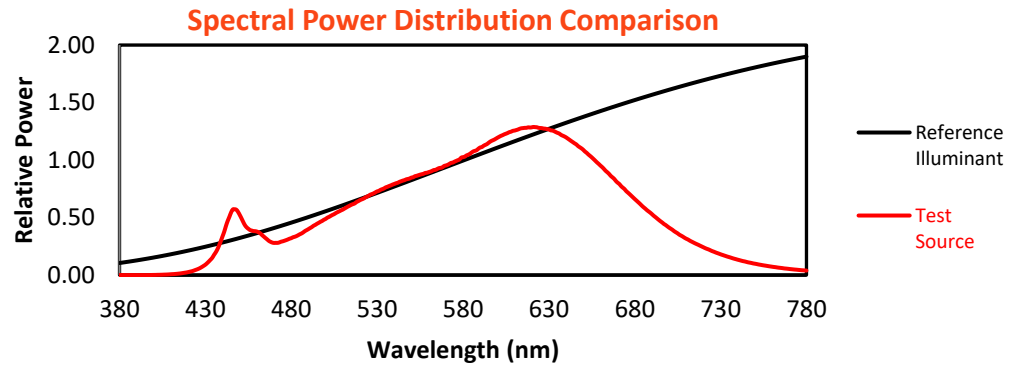
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

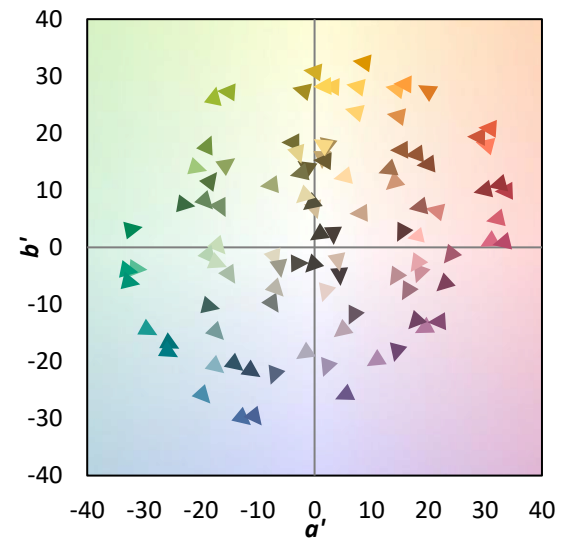
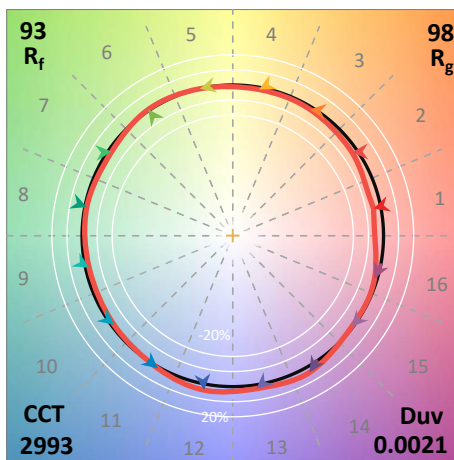
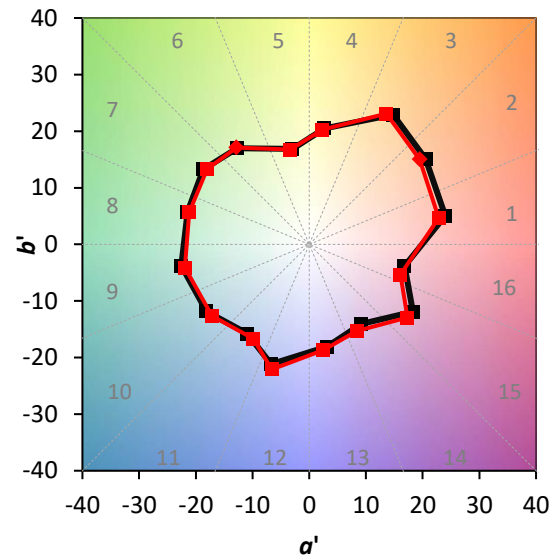
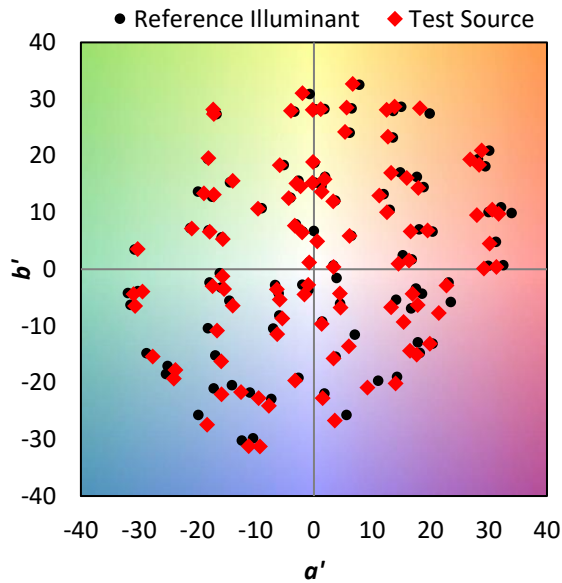
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

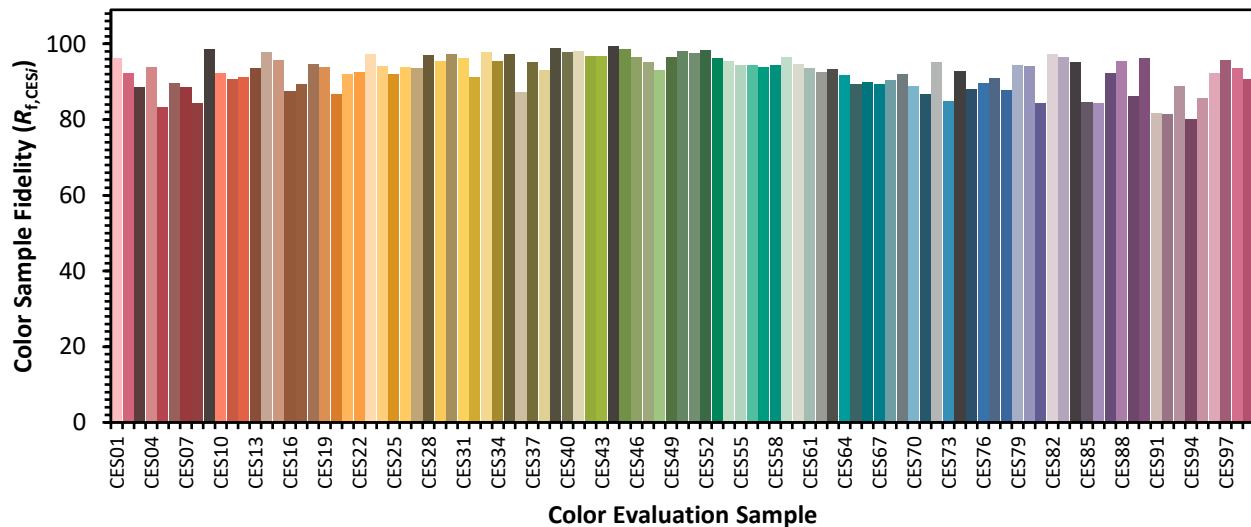


Color Vector Graphics

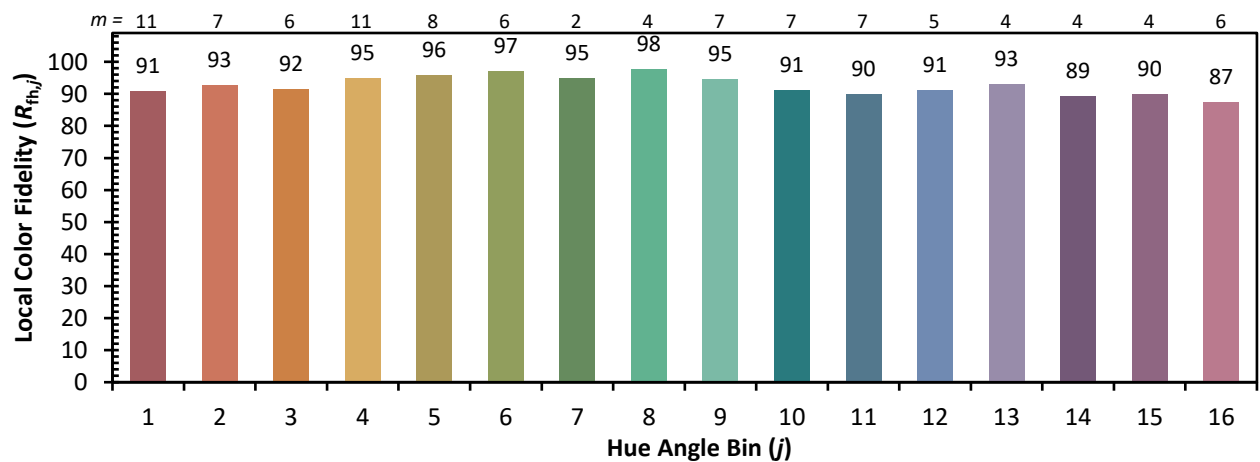
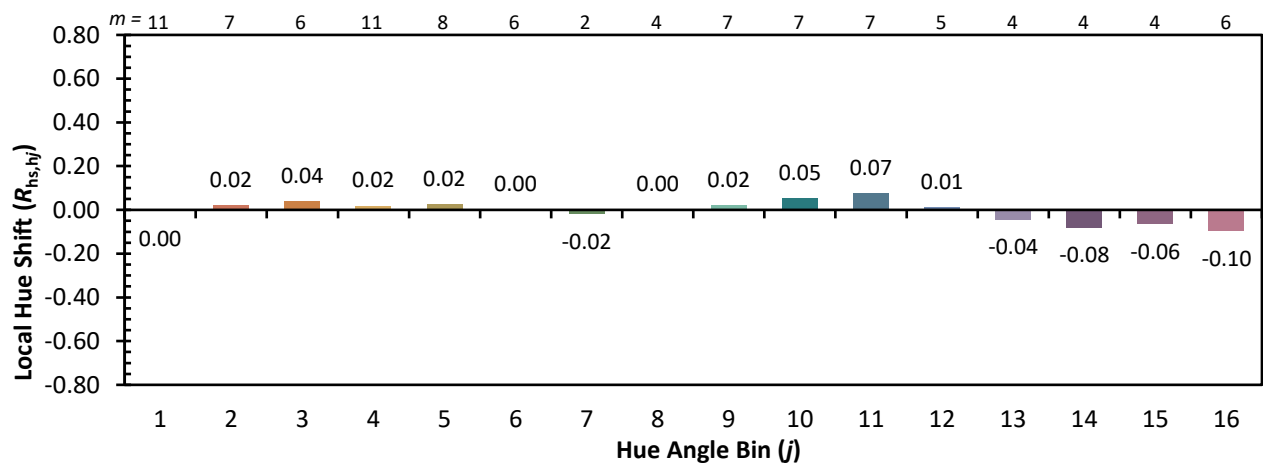
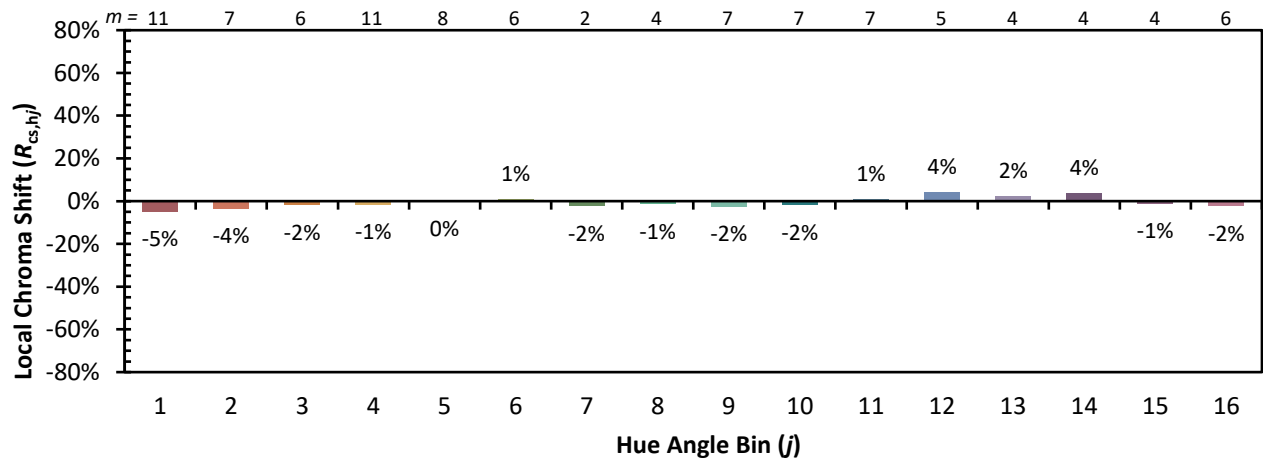


Individual Sample Fidelity Index ($R_{f,i}$)

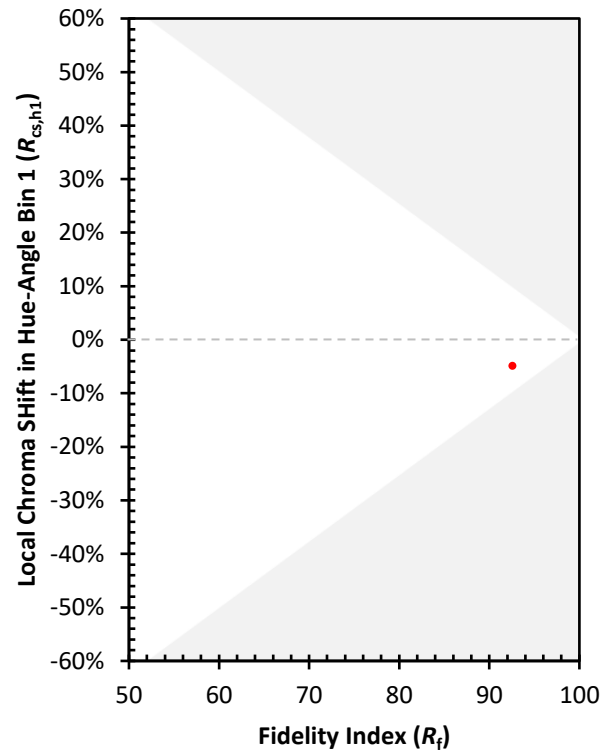
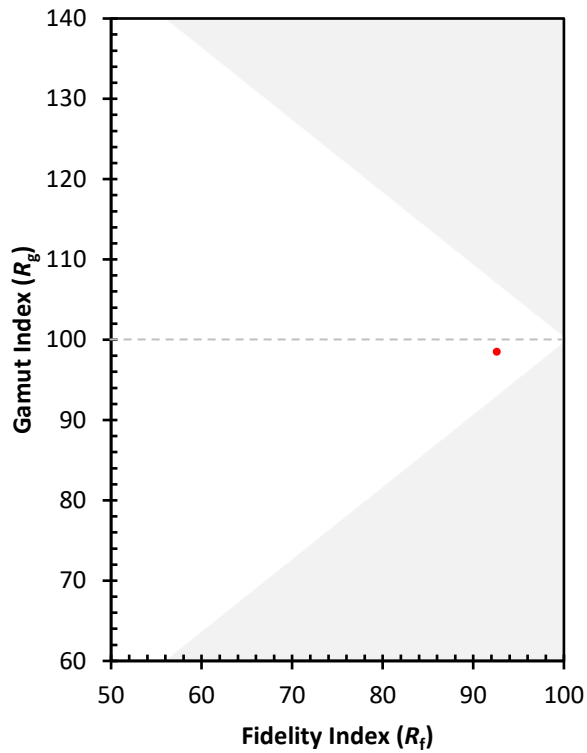
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)