

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: P1048726

Luminaire Tested: **GALN-SA6B-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048726
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18695.8 lumens
Efficiency: N/A
Efficacy: 87.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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

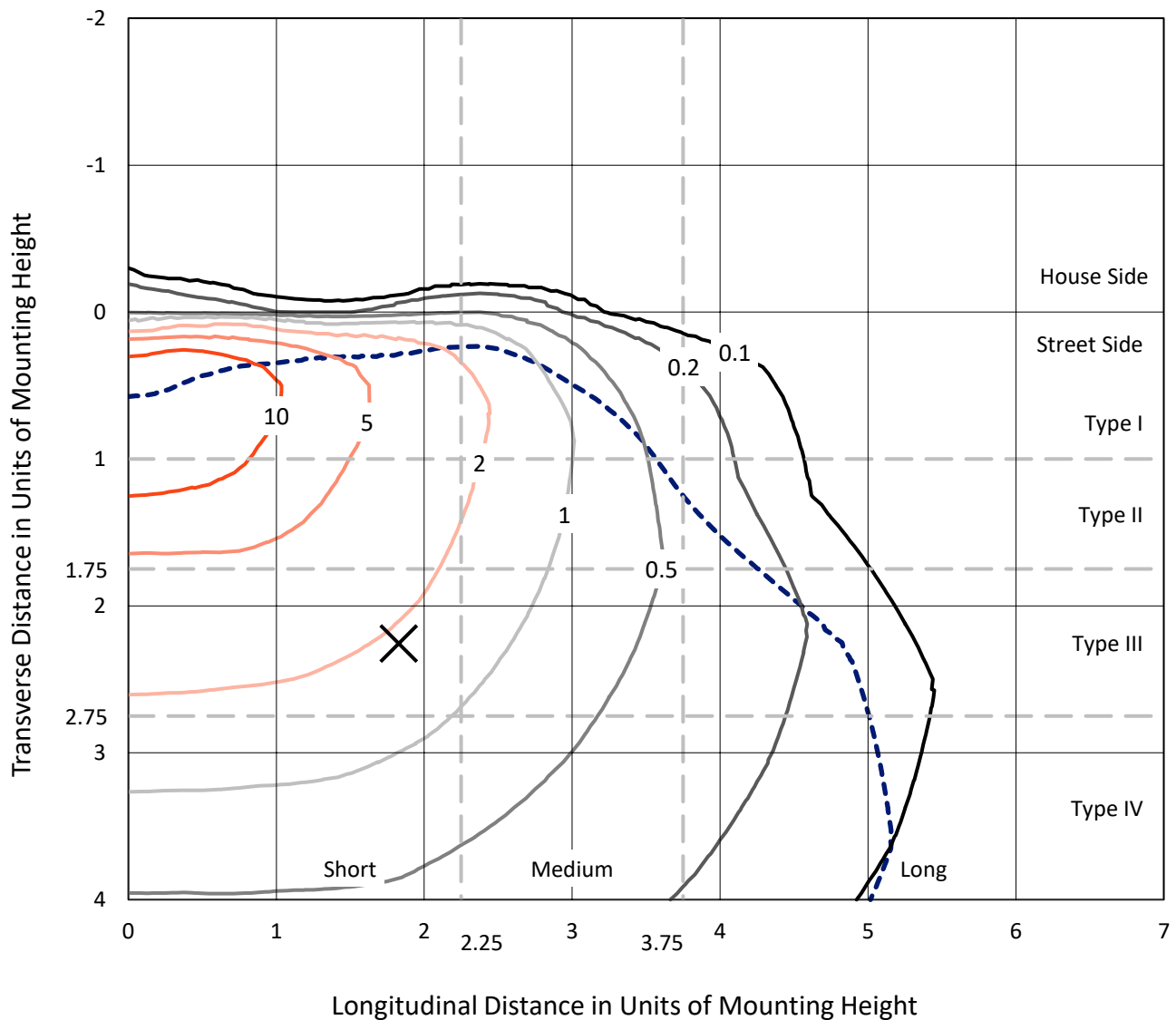


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CATALOG NUMBER: GALN-SA6B-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

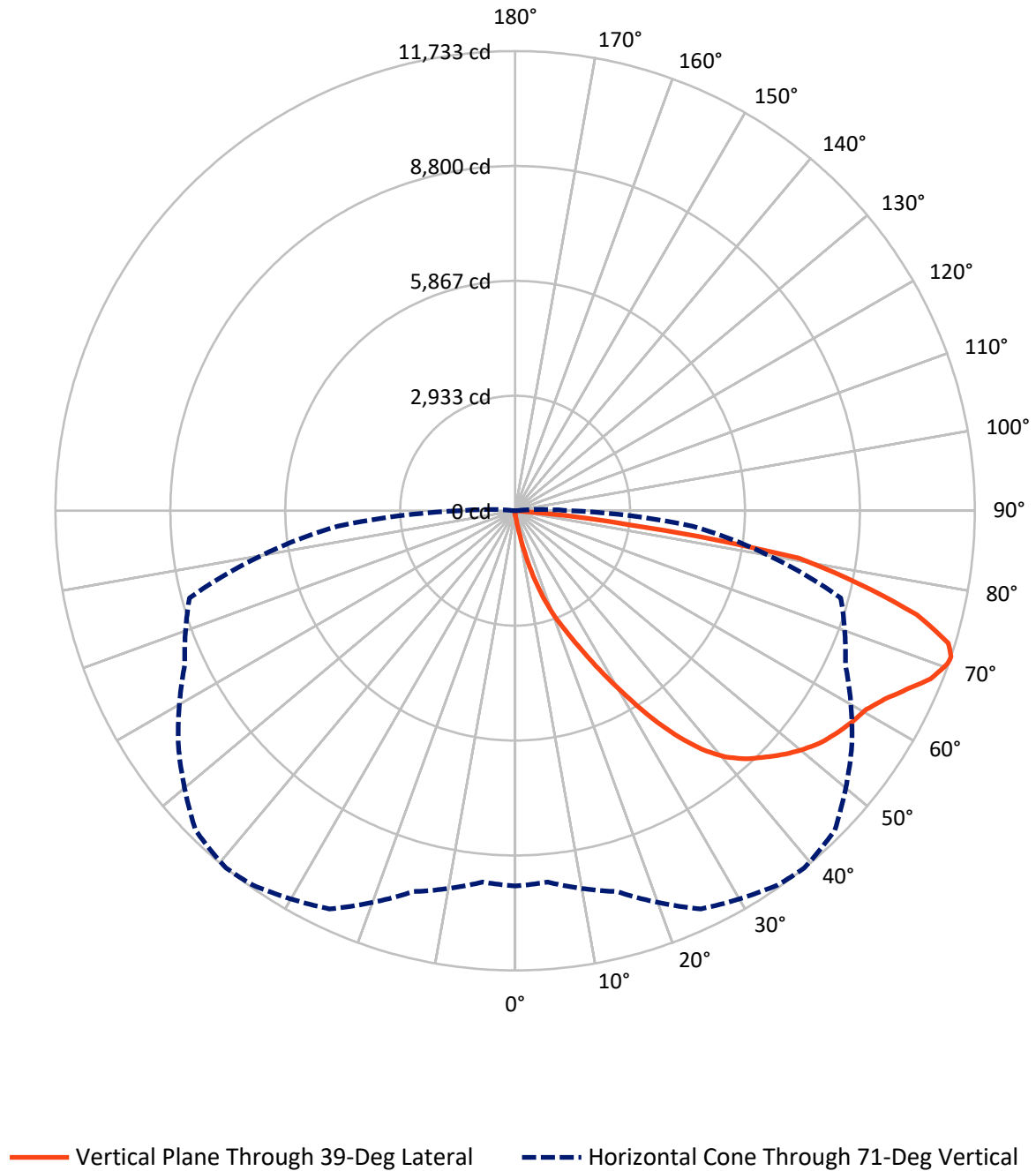


Based on 15 foot mounting height. Maximum calculated value = 19.2 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA6B-930-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.4	0.0	66.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18629.3	0.0	18629.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	18695.8	0.0	18695.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	0.1
10°-20°	199.8	1.1
20°-30°	711.6	3.8
30°-40°	1715.0	9.2
40°-50°	2870.3	15.4
50°-60°	3686.5	19.7
60°-70°	4665.3	25.0
70°-80°	4159.3	22.2
80°-90°	672.3	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°	18695.8	100.0
0°-180°	18695.8	100.0



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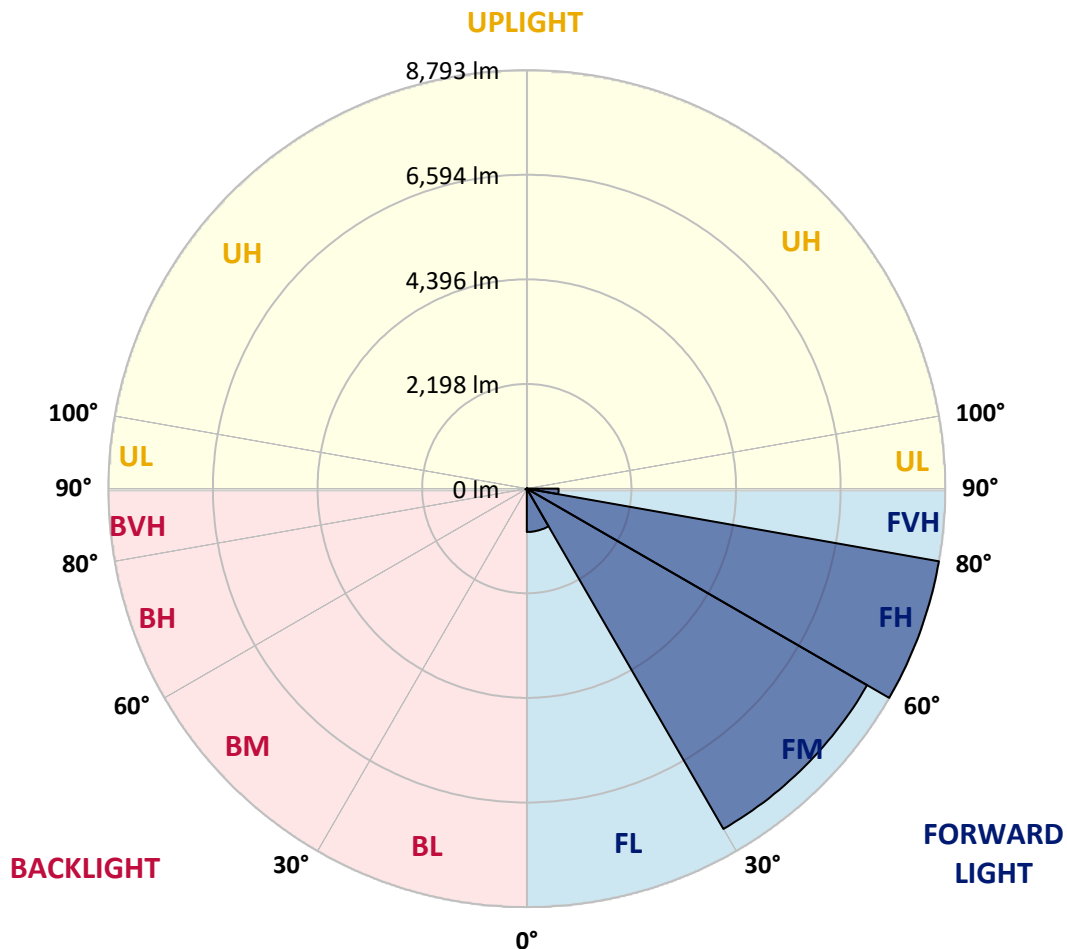
CATALOG NUMBER: GALN-SA6B-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	911.0	4.9			
FM	(30°-60°)	8256.4	44.2			
FH	(60°-80°)	8792.7	47.0			G4/12000
FVH	(80°-90°)	669.3	3.6			G4/750
BL	(0°-30°)	16.1	0.1	B0/110		
BM	(30°-60°)	15.4	0.1	B0/220		
BH	(60°-80°)	31.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
2.5°	117.7	117.7	117.7	113.9	113.9	112.6	111.4	111.4	108.8	107.6	105.0
5°	178.5	174.7	165.8	160.7	150.6	144.3	138.0	129.1	120.2	113.9	106.3
7.5°	403.7	412.6	383.5	329.1	273.4	249.3	208.8	168.3	139.2	120.2	107.6
10°	1028.9	1023.9	925.2	816.3	630.3	555.6	435.4	274.6	179.7	131.6	108.8
12.5°	1750.3	1745.3	1628.8	1480.8	1235.2	1079.6	851.8	512.6	258.2	149.3	108.8
15°	2356.6	2336.3	2299.6	2152.8	1865.5	1735.1	1433.9	906.2	417.6	179.7	111.4
17.5°	2757.8	2740.0	2705.9	2652.7	2470.5	2316.1	2074.3	1423.8	675.8	232.9	116.4
20°	3126.0	3113.4	3085.5	3075.4	2957.7	2875.5	2675.5	2018.6	1053.0	316.4	124.0
22.5°	3632.3	3605.7	3617.1	3556.3	3441.2	3342.5	3219.7	2641.3	1513.7	455.6	138.0
25°	4252.4	4239.8	4208.1	4165.1	4005.6	3919.6	3731.0	3228.6	2028.8	637.9	153.1
27.5°	5001.7	4987.7	4980.2	4881.4	4697.9	4604.3	4341.0	3782.9	2608.4	893.5	173.4
30°	5864.8	5871.1	5821.8	5695.2	5481.3	5349.7	5078.9	4363.8	3202.0	1193.5	194.9
32.5°	6758.3	6745.7	6669.7	6520.4	6329.3	6206.5	5862.3	5000.4	3824.7	1589.6	220.2
35°	7721.5	7697.4	7497.4	7326.6	7163.3	7008.9	6695.1	5739.5	4447.3	2033.8	254.4
37.5°	8693.4	8580.8	8179.6	7963.2	7850.5	7724.0	7431.6	6528.0	5066.2	2529.9	296.2
40°	9427.5	9340.2	8864.3	8465.6	8375.8	8268.2	8050.5	7208.9	5724.3	3062.8	346.8
42.5°	9833.8	9785.7	9357.9	8964.3	8752.9	8658.0	8472.0	7803.7	6374.9	3651.3	420.2
45°	10007.1	9932.5	9646.4	9462.9	9126.3	8969.3	8747.9	8253.0	7054.5	4319.5	522.7
47.5°	9954.0	9911.0	9705.9	9773.0	9528.7	9284.5	8959.2	8597.3	7635.4	5086.5	663.2
50°	9619.9	9583.2	9519.9	9883.1	9852.7	9564.2	9232.6	8869.4	8110.0	5877.5	880.9
52.5°	8984.5	8969.3	9131.3	9797.0	10036.2	9811.0	9495.8	9109.8	8553.0	6703.9	1192.2
55°	8165.7	8227.7	8690.9	9662.9	10129.9	9993.2	9728.7	9335.1	8908.6	7443.0	1651.6
57.5°	7829.0	7845.5	8423.9	9568.0	10171.7	10153.9	9955.2	9550.3	9235.1	8034.1	2352.8
60°	8222.6	8197.3	8502.3	9640.1	10255.2	10298.2	10156.5	9750.2	9518.6	8541.6	3286.8
62.5°	8933.9	8920.0	9017.4	9947.7	10499.5	10586.8	10436.2	9894.5	9769.2	8875.7	4352.4
65°	9569.2	9540.1	9721.1	10493.1	10928.5	10990.5	10858.9	10141.3	9879.3	9118.7	5353.5
67.5°	9843.9	9837.5	10128.6	11012.0	11379.1	11446.1	11331.0	10481.7	9854.0	9195.9	5795.2
70°	9718.6	9694.5	10160.3	11232.2	11633.4	11709.4	11598.0	10608.3	9579.4	8951.6	5140.9
71°	9580.6	9516.1	10065.4	11217.1	11668.9	11733.4	11538.5	10493.1	9303.5	8604.8	4547.3
72.5°	9152.9	9164.2	9804.6	11058.9	11584.1	11565.1	11201.9	10080.5	8970.6	7817.6	3652.5
75°	8099.9	8166.9	8960.5	10394.4	10827.3	10585.5	10029.9	9292.1	8302.4	5605.4	2536.3
77.5°	6619.1	6719.1	7591.1	9116.2	8993.4	8969.3	8946.6	8187.2	7089.9	3010.9	1764.3
80°	3160.2	3376.6	4579.0	6507.7	7069.7	7341.8	7170.9	6597.6	5482.6	1433.9	1054.2
82.5°	206.3	203.8	288.6	546.7	2304.7	2979.2	4733.4	4715.6	3822.1	698.6	430.3
85°	97.5	100.0	110.1	125.3	145.5	159.5	220.2	1290.9	1828.8	332.9	93.7
87.5°	57.0	58.2	68.3	87.3	113.9	126.6	150.6	193.6	237.9	183.5	20.2
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-SA6B-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
2.5°	103.8	102.5	98.7	94.9	91.1	88.6	87.3	88.6	88.6	89.9	89.9
5°	103.8	100.0	93.7	86.1	81.0	75.9	73.4	72.1	73.4	73.4	73.4
7.5°	102.5	96.2	87.3	78.5	72.1	65.8	63.3	62.0	62.0	63.3	63.3
10°	100.0	93.7	82.3	72.1	64.5	57.0	53.2	49.4	49.4	49.4	50.6
12.5°	98.7	89.9	75.9	65.8	55.7	46.8	39.2	35.4	36.7	36.7	36.7
15°	96.2	86.1	72.1	59.5	46.8	35.4	29.1	25.3	26.6	27.8	26.6
17.5°	96.2	84.8	67.1	51.9	36.7	26.6	21.5	19.0	19.0	20.2	20.2
20°	96.2	82.3	63.3	44.3	27.8	20.2	15.2	13.9	13.9	16.5	17.7
22.5°	98.7	82.3	58.2	36.7	22.8	15.2	11.4	10.1	11.4	13.9	15.2
25°	102.5	81.0	53.2	32.9	19.0	11.4	8.9	6.3	7.6	10.1	11.4
27.5°	106.3	79.7	48.1	29.1	15.2	8.9	6.3	5.1	3.8	5.1	5.1
30°	110.1	79.7	43.0	24.0	12.7	6.3	3.8	2.5	1.3	0.0	0.0
32.5°	112.6	77.2	39.2	19.0	10.1	5.1	2.5	1.3	0.0	0.0	0.0
35°	115.2	74.7	34.2	15.2	7.6	3.8	1.3	0.0	0.0	0.0	0.0
37.5°	117.7	70.9	29.1	12.7	6.3	2.5	0.0	0.0	0.0	0.0	0.0
40°	120.2	65.8	24.0	11.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	122.8	62.0	20.2	8.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	129.1	59.5	16.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	140.5	57.0	15.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	156.9	54.4	13.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	179.7	53.2	12.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	220.2	51.9	11.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	289.8	50.6	11.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	444.2	48.1	11.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	793.5	46.8	10.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1383.3	48.1	10.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1983.2	50.6	8.9	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1697.2	44.3	8.9	5.1	2.5	1.3	0.0	0.0	0.0	0.0	0.0
71°	1383.3	39.2	8.9	5.1	2.5	1.3	1.3	0.0	0.0	0.0	0.0
72.5°	889.7	30.4	7.6	5.1	2.5	2.5	1.3	0.0	0.0	0.0	0.0
75°	375.9	25.3	7.6	5.1	3.8	2.5	2.5	1.3	0.0	0.0	0.0
77.5°	160.7	19.0	7.6	6.3	5.1	3.8	3.8	2.5	1.3	0.0	0.0
80°	60.7	15.2	8.9	7.6	6.3	6.3	5.1	2.5	1.3	0.0	0.0
82.5°	27.8	12.7	8.9	7.6	7.6	6.3	5.1	3.8	2.5	0.0	0.0
85°	17.7	11.4	8.9	7.6	7.6	6.3	6.3	3.8	2.5	0.0	0.0
87.5°	13.9	11.4	8.9	8.9	7.6	7.6	5.1	3.8	1.3	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

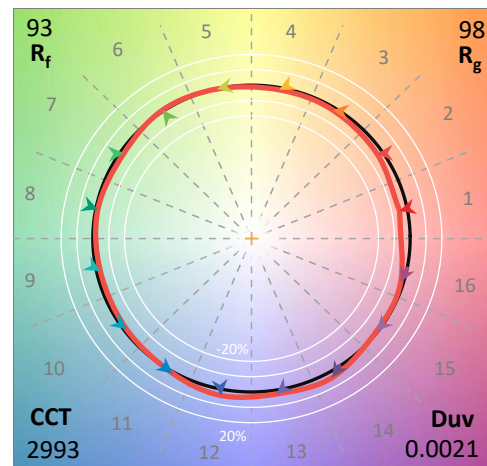
Test Information

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

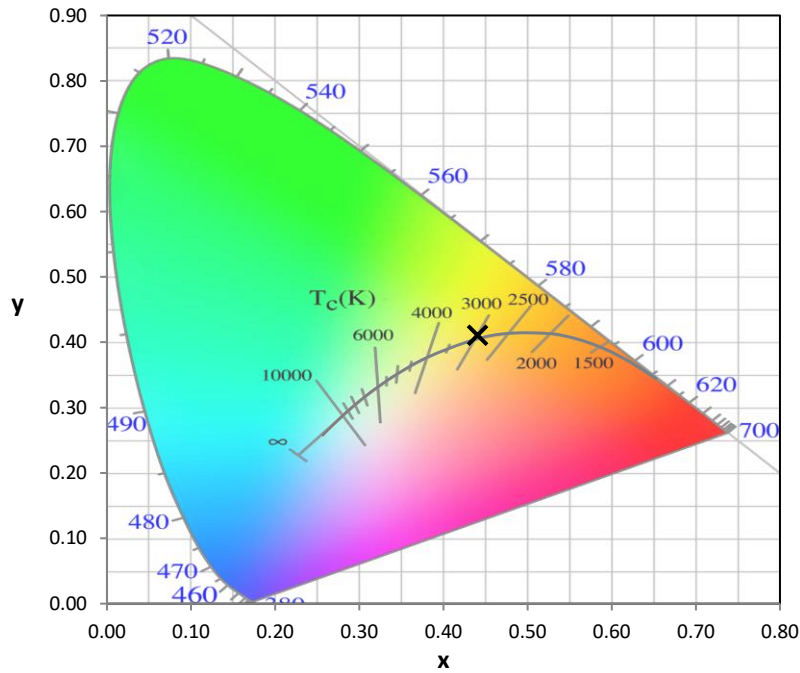
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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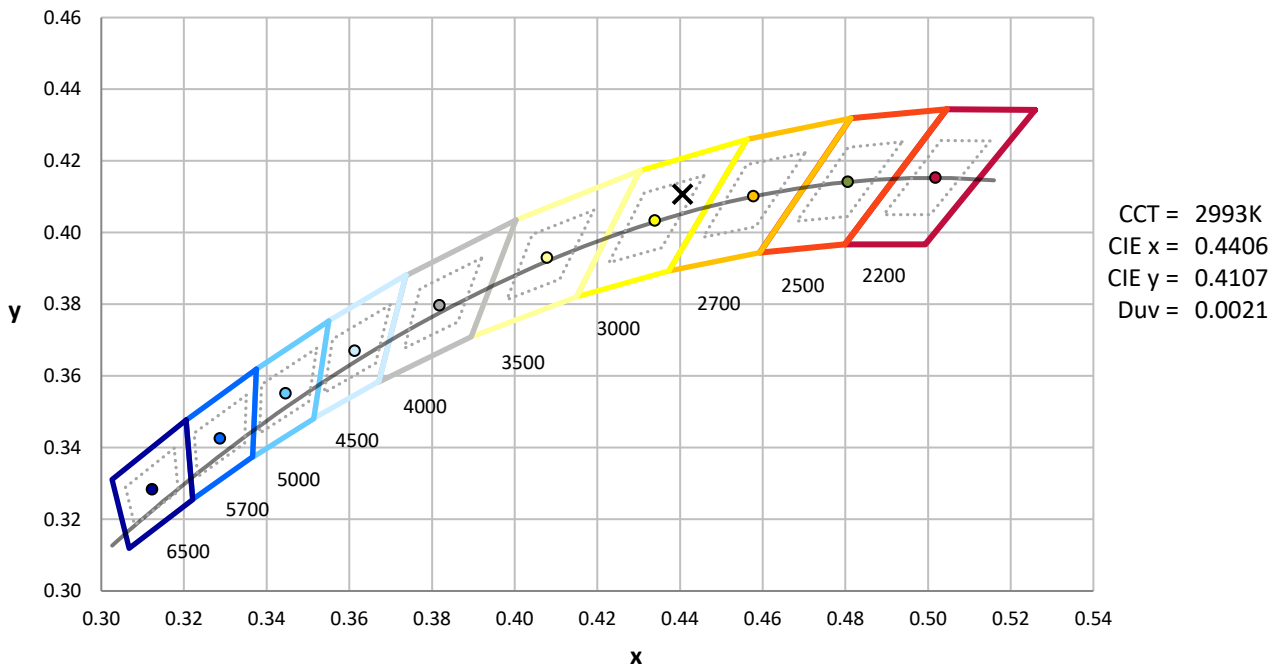
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



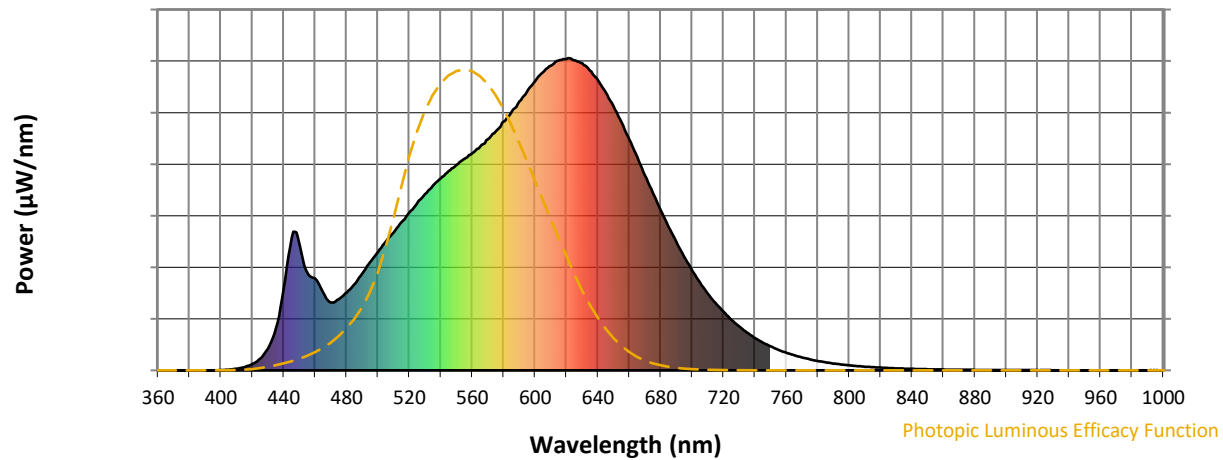
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

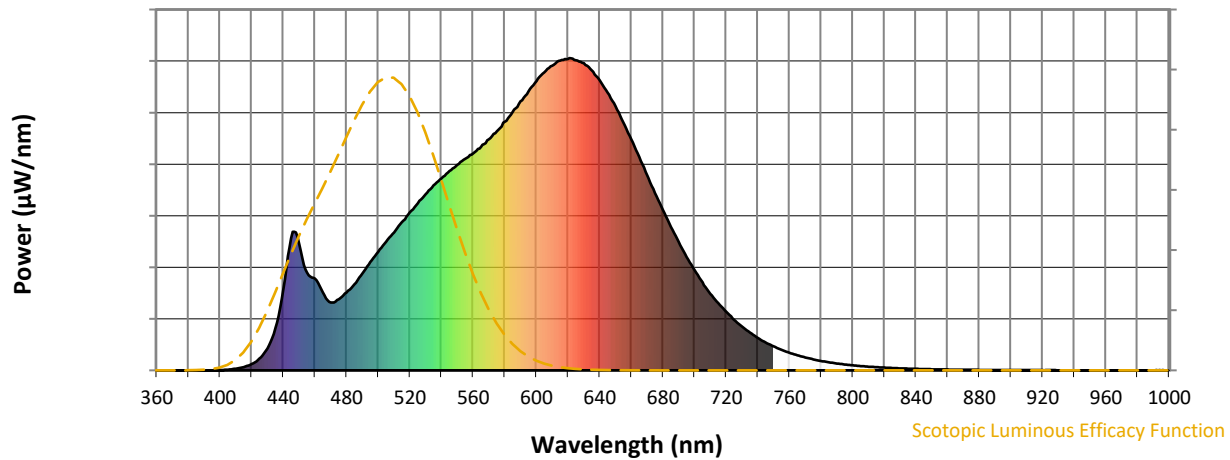


Photopic Lumens: NR

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	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			

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Scotopic Flux vs. Wavelength



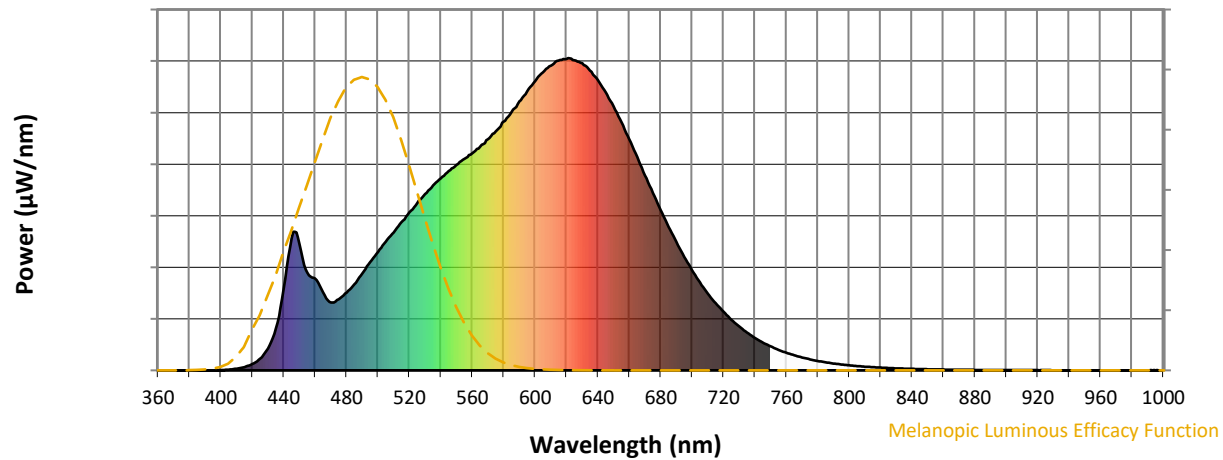
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

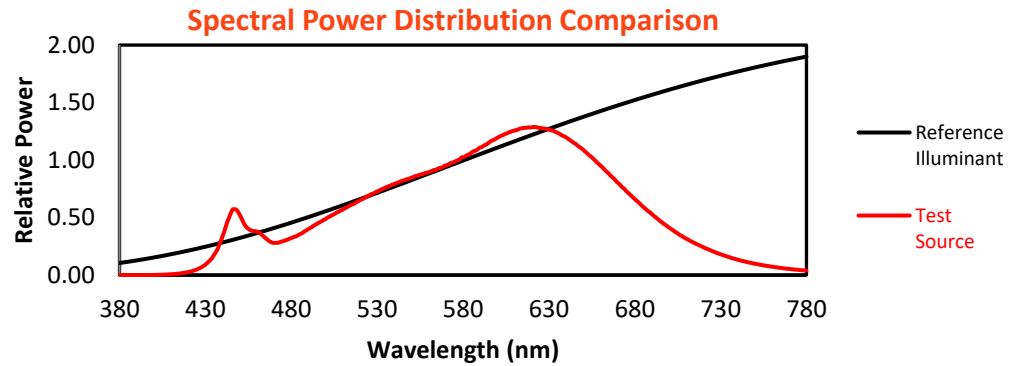
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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			

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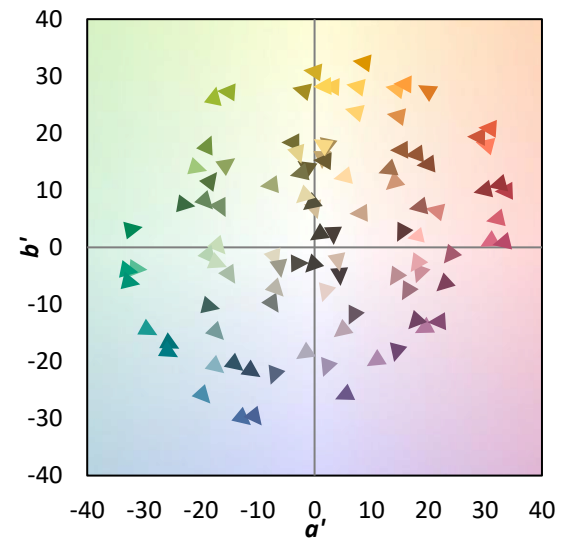
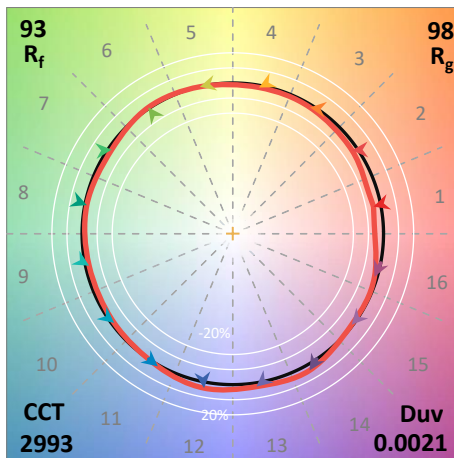
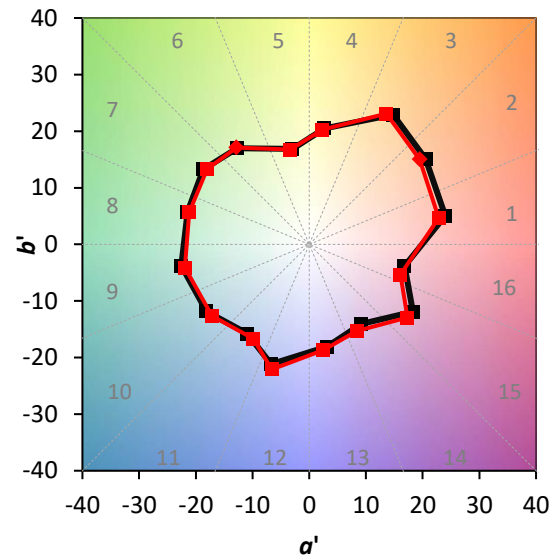
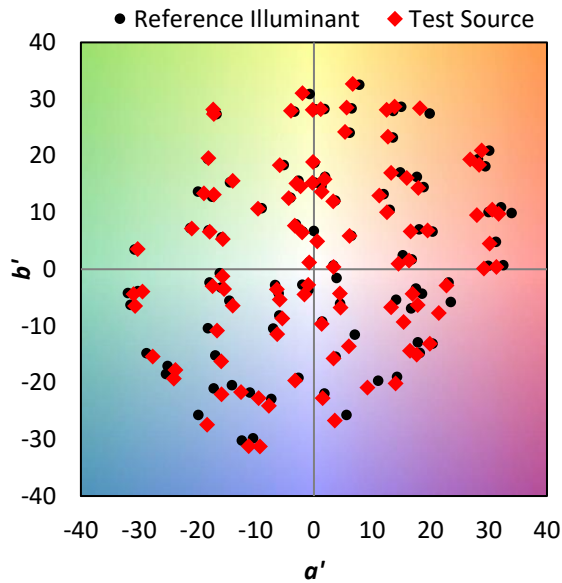
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

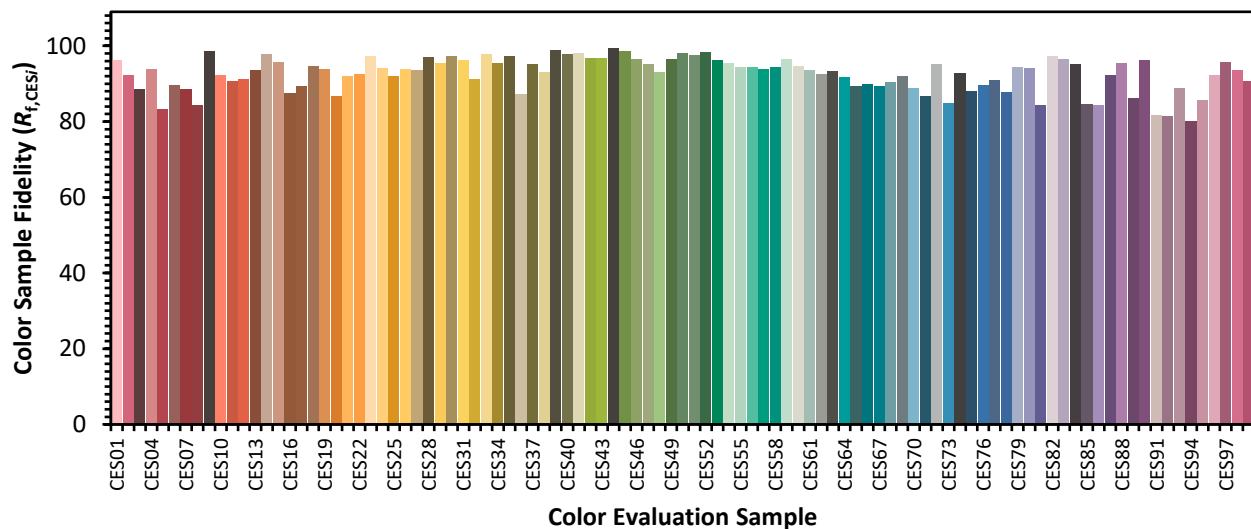


Color Vector Graphics

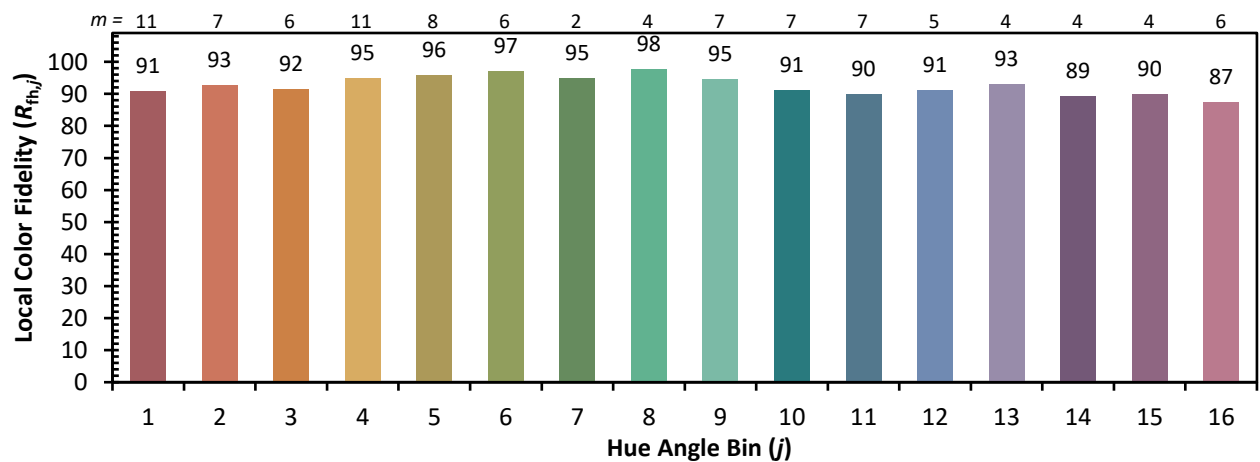
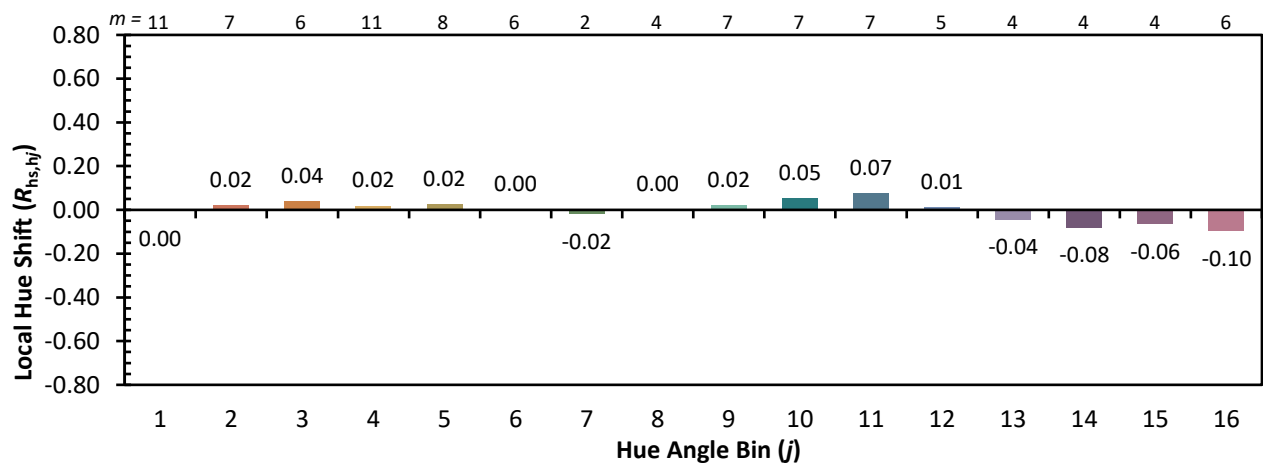
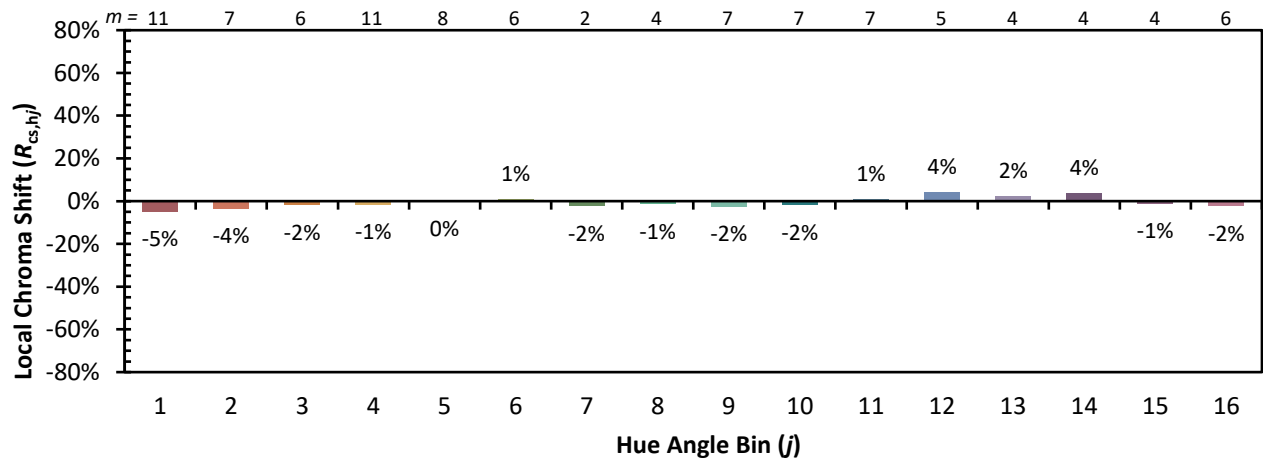


Individual Sample Fidelity Index ($R_{f,i}$)

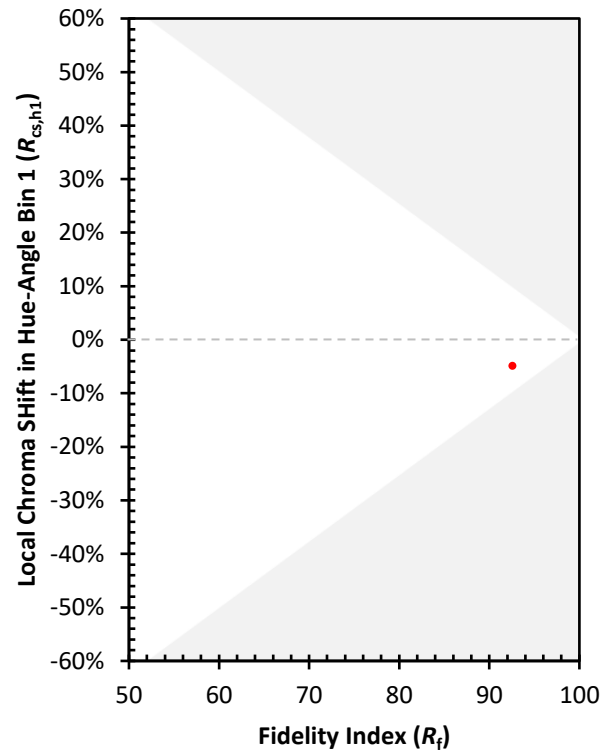
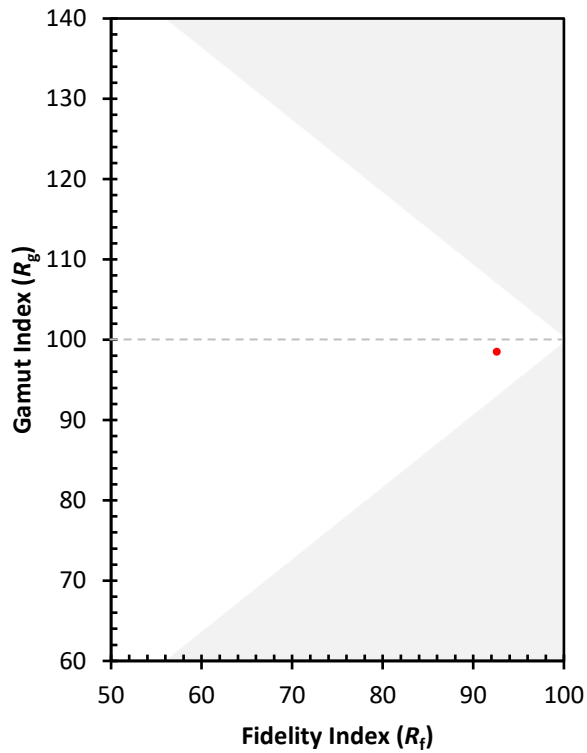
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)