

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: P1048090

Luminaire Tested: **GALN-SA9B-927-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048090
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-927-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24711.3 lumens
Efficiency: N/A
Efficacy: 79.0 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): 312.7
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



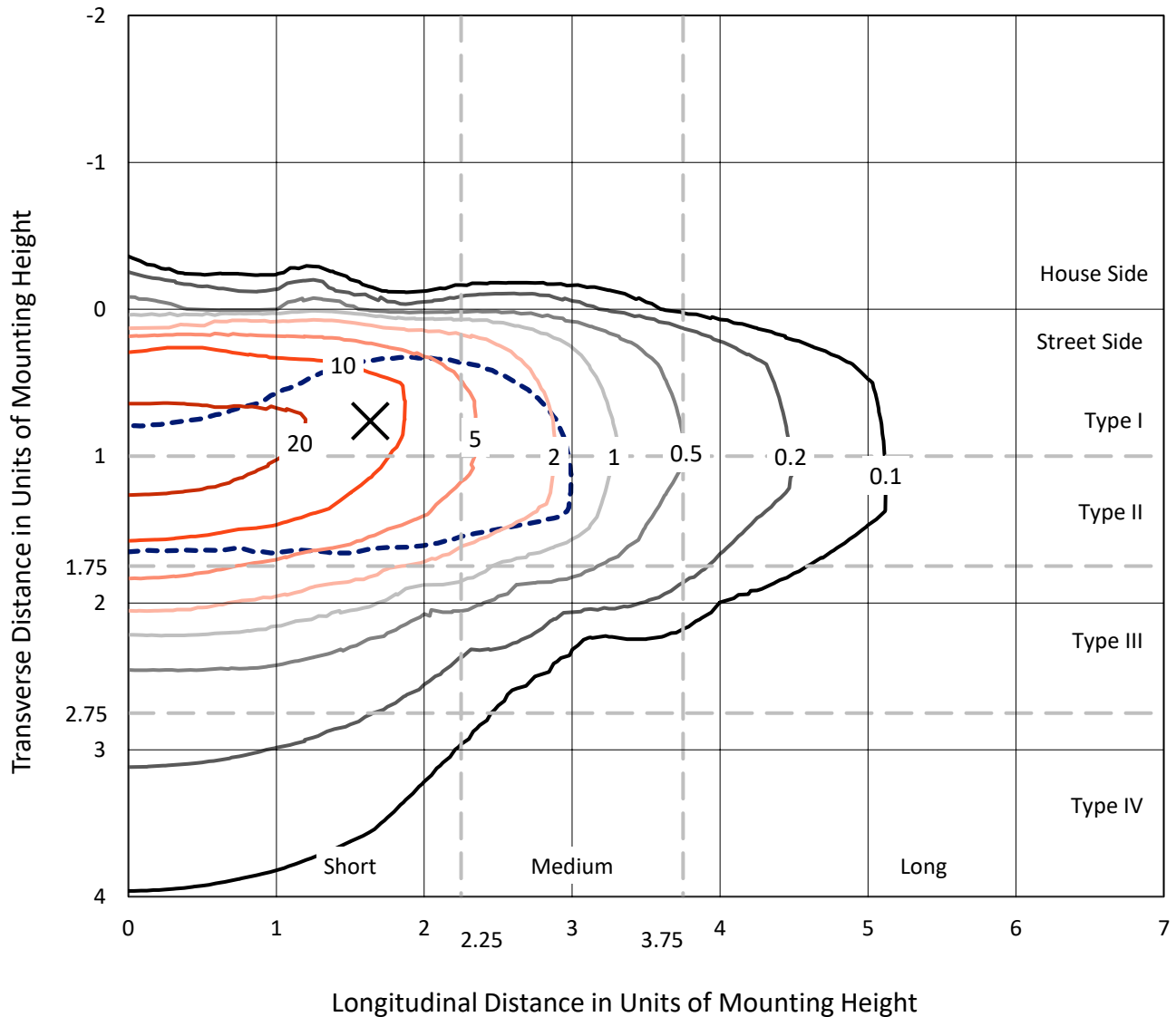
REPORT NUMBER: P1048090

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

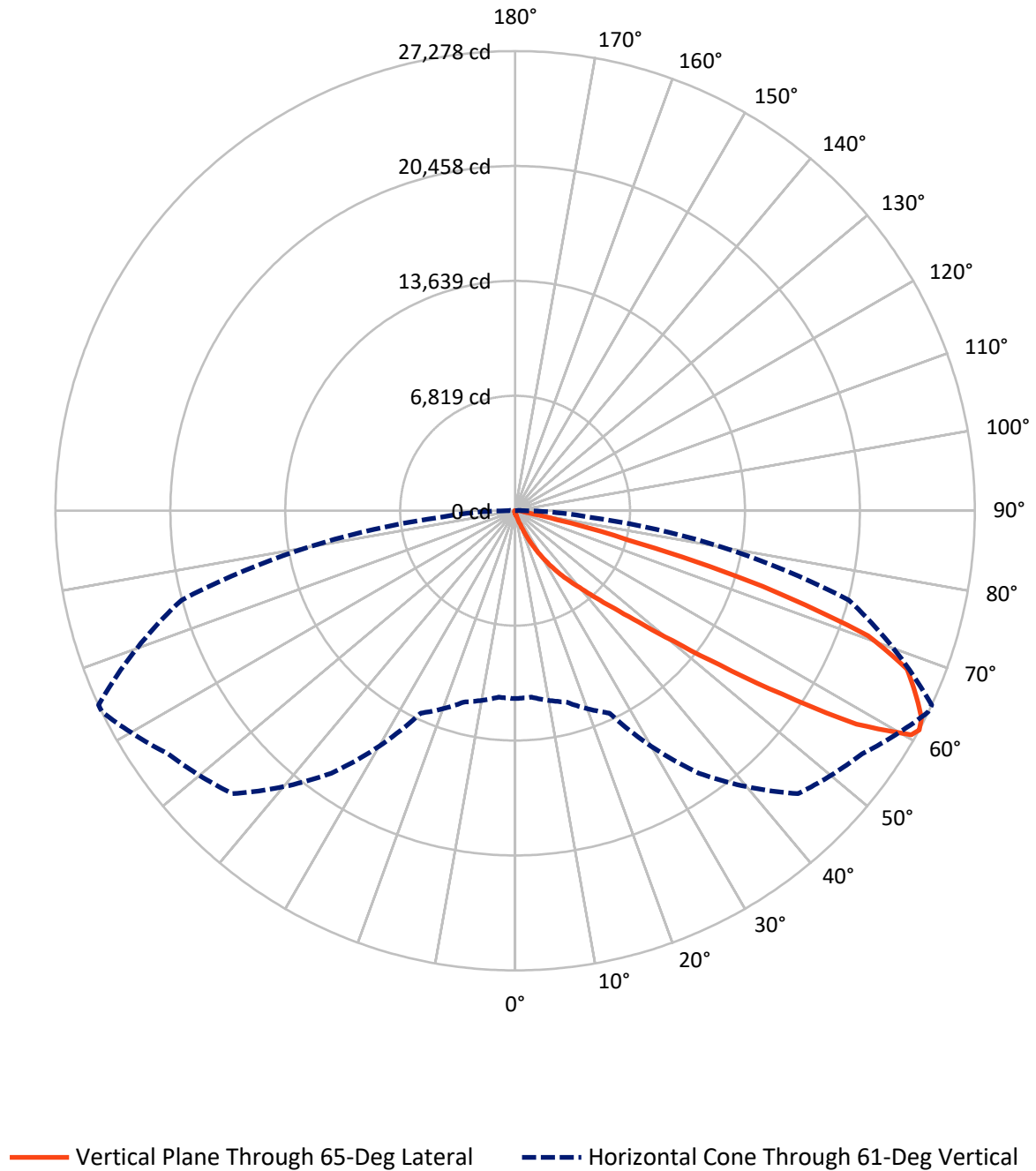


Based on 15 foot mounting height. Maximum calculated value = 32.7 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	105.5	0.0	105.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24605.9	0.0	24605.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	24711.3	0.0	24711.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	203.2	0.8
20°-30°	729.3	3.0
30°-40°	1941.6	7.9
40°-50°	5100.5	20.6
50°-60°	7901.7	32.0
60°-70°	6625.5	26.8
70°-80°	1949.8	7.9
80°-90°	240.5	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°	24711.3	100.0
0°-180°	24711.3	100.0



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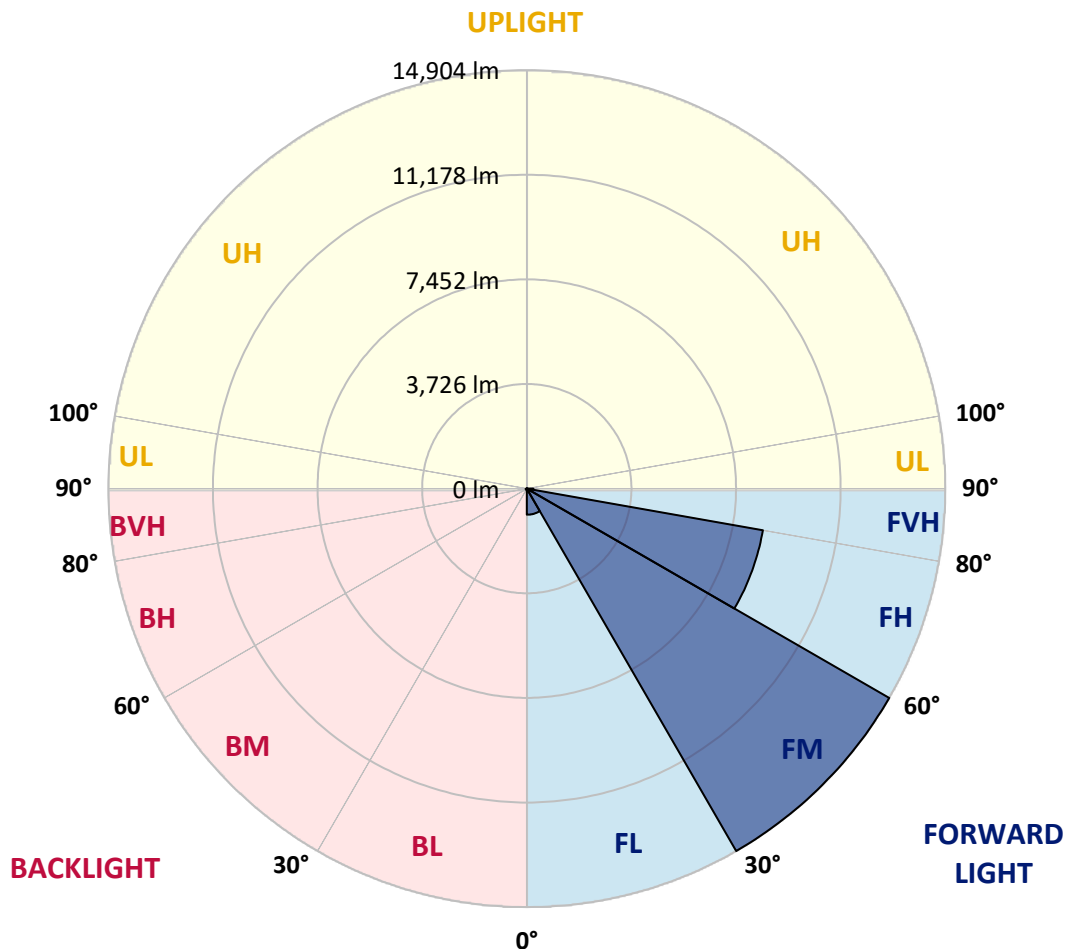
CATALOG NUMBER: GALN-SA9B-927-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	928.0	3.8			
FM	(30°-60°)	14903.7	60.3			
FH	(60°-80°)	8538.0	34.6			G4/12000
FVH	(80°-90°)	236.1	1.0			G3/500
BL	(0°-30°)	23.7	0.1	B0/110		
BM	(30°-60°)	40.1	0.2	B0/220		
BH	(60°-80°)	37.2	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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°	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3
2.5°	183.6	185.3	181.9	175.1	170.0	170.0	168.3	163.2	163.2	158.1	154.7
5°	256.7	253.3	246.5	232.9	221.0	209.1	197.2	185.3	183.6	168.3	158.1
7.5°	419.9	423.3	401.2	358.7	323.0	277.1	234.6	209.1	205.7	180.2	159.8
10°	921.3	895.8	844.8	679.9	559.3	421.6	312.8	243.1	239.7	193.8	163.2
12.5°	1679.5	1659.1	1565.6	1395.6	1084.5	754.7	457.3	300.9	290.7	205.7	164.9
15°	2420.6	2388.3	2337.3	2165.6	1801.9	1353.1	747.9	411.4	384.2	222.7	163.2
17.5°	2893.2	2898.3	2852.4	2779.3	2544.7	2002.5	1291.9	613.7	561.0	253.3	159.8
20°	3306.3	3294.4	3319.9	3280.8	3115.9	2721.5	1880.1	972.3	882.2	302.6	161.5
22.5°	3782.2	3811.1	3829.8	3821.3	3639.4	3302.9	2548.1	1455.1	1341.2	392.7	166.6
25°	4419.7	4416.3	4418.0	4395.9	4219.1	3845.1	3217.9	2055.1	1939.6	538.9	178.5
27.5°	5087.7	5108.1	5116.6	5036.7	4805.5	4438.4	3838.3	2711.3	2575.3	773.4	193.8
30°	6000.6	5983.6	5944.5	5781.3	5500.8	5045.2	4450.3	3399.7	3257.0	1101.5	217.6
32.5°	7231.3	7212.6	7015.4	6655.0	6235.1	5677.6	5065.6	4089.9	3916.5	1511.2	249.9
35°	9259.2	9288.1	8803.6	7870.4	7117.4	6437.4	5747.3	4776.6	4623.7	2016.0	294.1
37.5°	12364.9	12206.8	11548.9	9900.1	8278.4	7385.9	6398.3	5470.2	5337.6	2638.2	351.9
40°	15382.2	15225.8	15035.4	13473.2	10296.1	8431.4	7309.5	6284.4	6112.7	3340.3	436.9
42.5°	18554.1	18467.4	18458.9	17280.9	13978.1	10075.1	8405.9	7238.1	7091.9	4110.3	576.3
45°	20801.3	20714.7	20896.5	21102.2	18992.7	13597.3	10314.8	8477.3	8264.8	5045.2	798.9
47.5°	21103.9	21107.3	21593.5	22237.7	22718.8	19045.4	12857.8	10119.3	9861.0	6383.0	1172.9
50°	20097.6	20136.7	20910.1	22062.7	23358.0	23616.3	17342.1	12502.6	12120.1	7969.0	1703.3
52.5°	18181.8	18226.0	19303.8	21199.1	22769.8	24714.5	22621.9	15620.1	15179.9	9947.7	2451.2
55°	16456.5	16483.7	17719.5	20114.6	22061.0	24117.8	25756.5	19783.1	19205.2	12381.9	3189.0
57.5°	14748.1	14685.2	15489.2	18231.1	21940.3	23385.2	26218.8	24527.5	23890.0	15042.2	3763.5
60°	12463.5	12358.1	13004.0	14748.1	20352.6	23866.2	25353.6	27152.1	27007.6	18746.2	4207.2
61°	11149.5	11105.3	11754.6	13250.5	19016.5	23743.8	25146.2	27262.6	27277.9	20498.8	4406.1
62.5°	7962.2	8088.0	9080.7	11025.4	15927.8	22950.0	25173.4	26920.9	27072.2	22827.6	4921.1
65°	3539.1	3741.4	4513.2	6095.7	9262.6	19091.3	24932.0	26171.2	26096.5	23466.8	6695.8
67.5°	2099.3	2129.9	2514.1	3454.1	4905.8	10268.9	22001.5	25180.2	25079.9	20429.1	8331.1
70°	1654.0	1669.3	1791.7	2167.3	2847.3	3933.5	12557.0	21785.6	22222.4	16565.3	8156.0
72.5°	1569.0	1565.6	1582.6	1648.9	1793.4	1951.5	4861.6	14481.2	15370.3	11929.7	6838.6
75°	1548.6	1541.8	1524.8	1499.3	1298.7	1149.1	1506.1	6405.1	6920.2	8150.9	5148.9
77.5°	1502.7	1504.4	1507.8	1438.1	1113.4	812.5	729.2	2055.1	2527.7	5172.7	3659.8
80°	1016.5	1031.8	1057.3	1030.1	1001.2	588.2	515.1	730.9	741.1	2903.4	2417.2
82.5°	515.1	515.1	503.2	448.8	387.6	382.5	409.7	530.4	537.2	1468.7	1137.2
85°	311.1	328.1	334.9	304.3	278.8	256.7	312.8	421.6	436.9	569.5	265.2
87.5°	69.7	71.4	78.2	103.7	151.3	205.7	290.7	385.9	392.7	365.5	32.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3
2.5°	153.0	149.6	147.9	142.8	137.7	132.6	129.2	127.5	129.2	130.9	130.9
5°	151.3	146.2	137.7	129.2	122.4	115.6	108.8	107.1	107.1	108.8	108.8
7.5°	151.3	142.8	130.9	120.7	110.5	100.3	95.2	91.8	93.5	93.5	93.5
10°	151.3	141.1	125.8	110.5	98.6	86.7	78.2	74.8	74.8	74.8	74.8
12.5°	149.6	139.4	120.7	102.0	85.0	71.4	61.2	56.1	57.8	57.8	57.8
15°	146.2	134.3	113.9	86.7	68.0	54.4	44.2	39.1	40.8	44.2	45.9
17.5°	141.1	129.2	102.0	73.1	54.4	40.8	30.6	27.2	28.9	34.0	34.0
20°	139.4	124.1	90.1	59.5	40.8	28.9	20.4	17.0	18.7	25.5	27.2
22.5°	139.4	120.7	81.6	49.3	30.6	18.7	11.9	6.8	6.8	11.9	11.9
25°	141.1	119.0	74.8	40.8	22.1	13.6	6.8	3.4	6.8	18.7	22.1
27.5°	144.5	117.3	71.4	34.0	17.0	11.9	5.1	11.9	20.4	20.4	20.4
30°	147.9	113.9	66.3	28.9	15.3	8.5	8.5	17.0	17.0	20.4	22.1
32.5°	153.0	112.2	62.9	25.5	11.9	6.8	11.9	10.2	10.2	11.9	13.6
35°	163.2	113.9	59.5	25.5	11.9	8.5	10.2	5.1	3.4	3.4	3.4
37.5°	176.8	115.6	54.4	22.1	10.2	10.2	5.1	0.0	0.0	0.0	0.0
40°	198.9	120.7	51.0	20.4	8.5	8.5	1.7	0.0	0.0	0.0	0.0
42.5°	236.3	130.9	49.3	18.7	8.5	6.8	0.0	0.0	0.0	0.0	0.0
45°	311.1	154.7	45.9	17.0	8.5	3.4	0.0	0.0	0.0	0.0	0.0
47.5°	447.1	210.8	44.2	13.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	652.8	285.6	42.5	11.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	832.9	300.9	28.9	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	853.3	207.4	22.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	679.9	134.3	18.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	515.1	102.0	17.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	494.7	91.8	17.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	545.7	79.9	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	887.3	66.3	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1541.8	57.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1948.1	54.4	10.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1698.2	49.3	10.2	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1021.6	42.5	10.2	6.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	535.5	32.3	10.2	8.5	5.1	1.7	0.0	0.0	0.0	0.0	0.0
80°	260.1	28.9	11.9	8.5	6.8	3.4	0.0	0.0	0.0	0.0	0.0
82.5°	102.0	23.8	13.6	11.9	8.5	5.1	1.7	0.0	0.0	0.0	0.0
85°	45.9	20.4	15.3	13.6	11.9	6.8	1.7	0.0	0.0	0.0	0.0
87.5°	23.8	18.7	17.0	15.3	11.9	8.5	3.4	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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

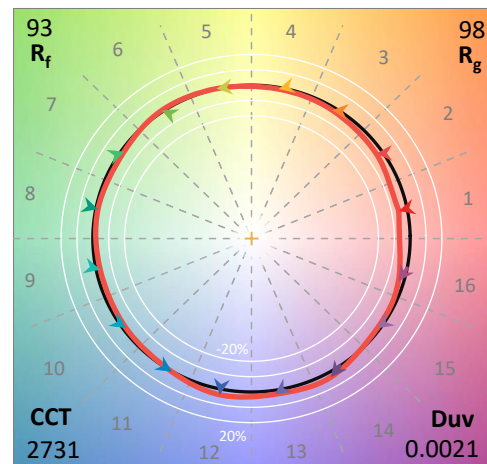
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

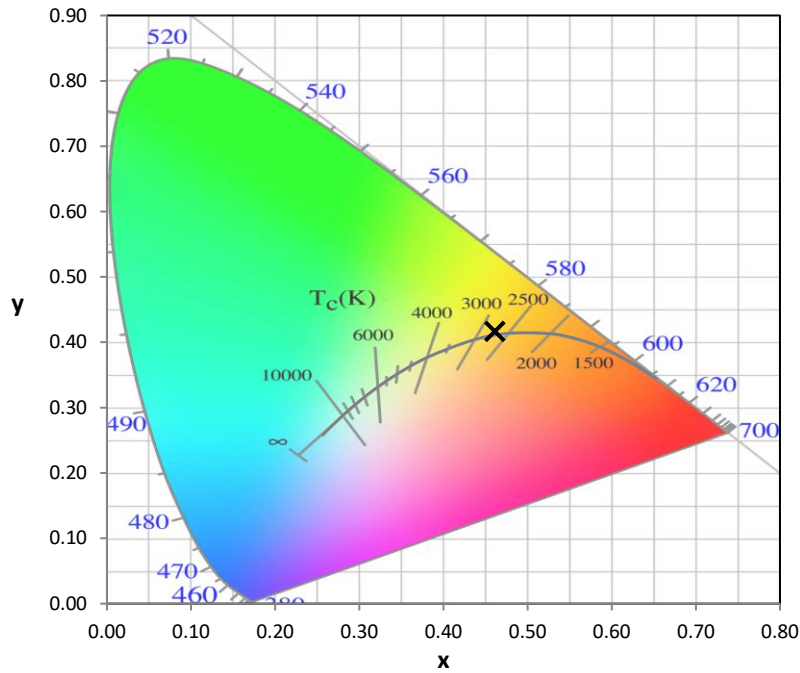
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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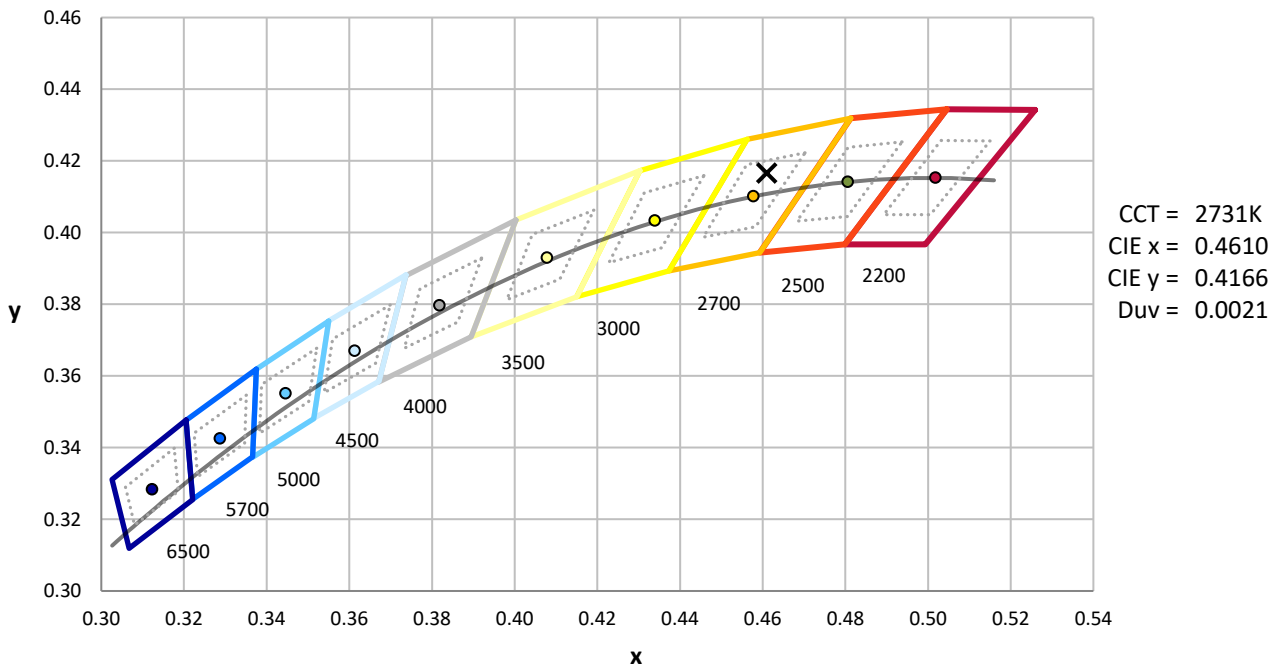
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



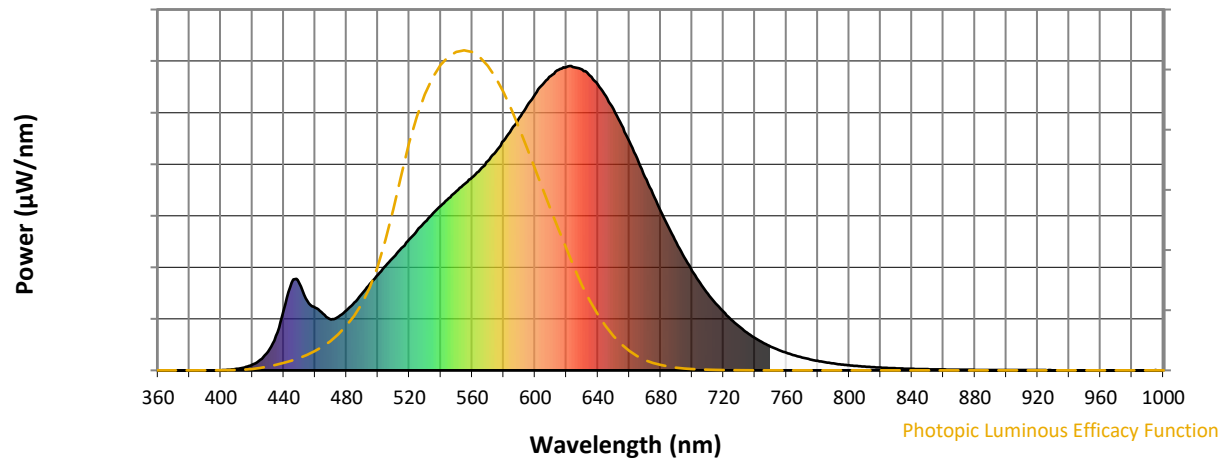
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

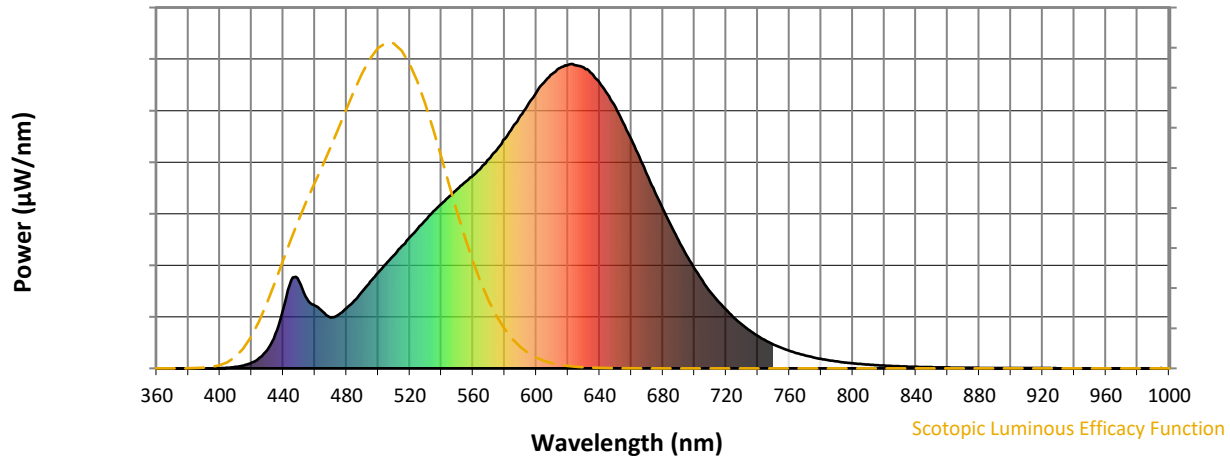


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



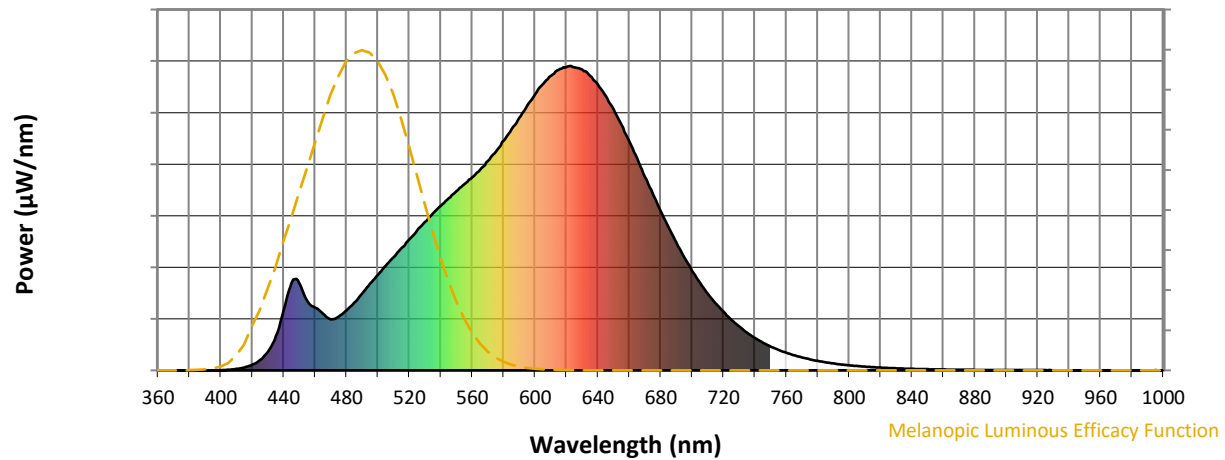
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

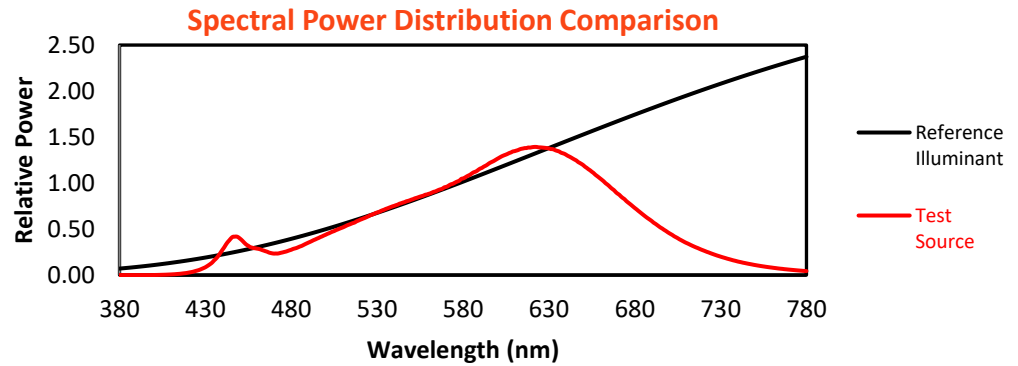
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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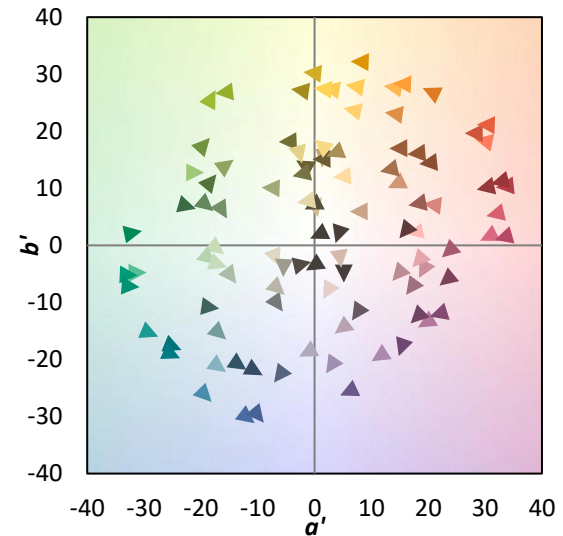
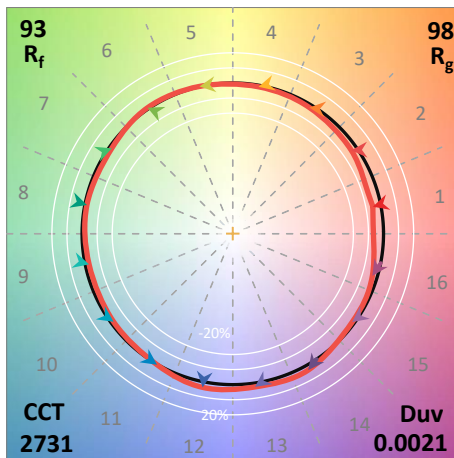
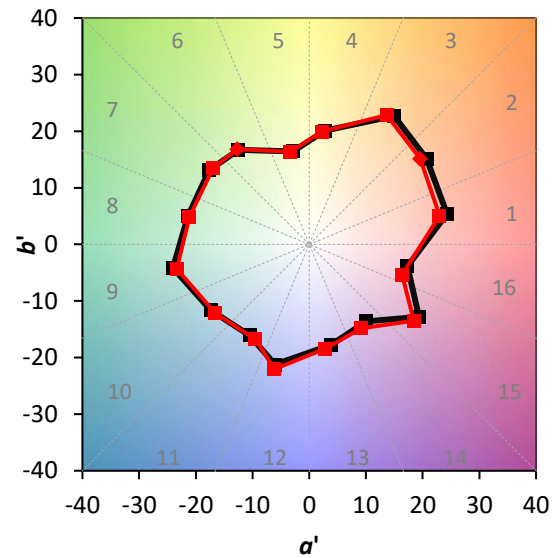
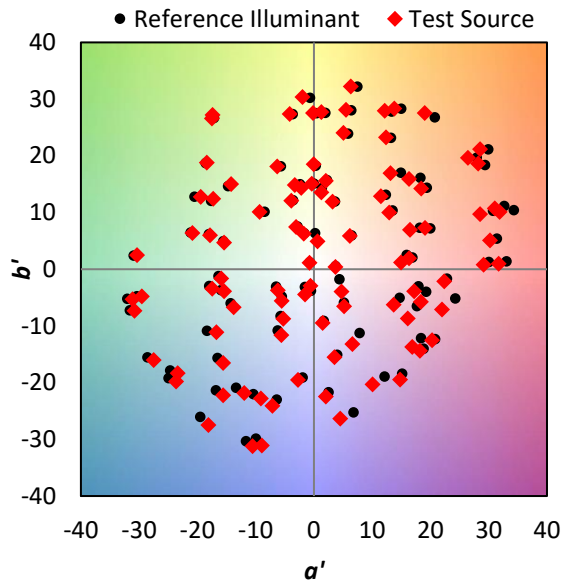
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

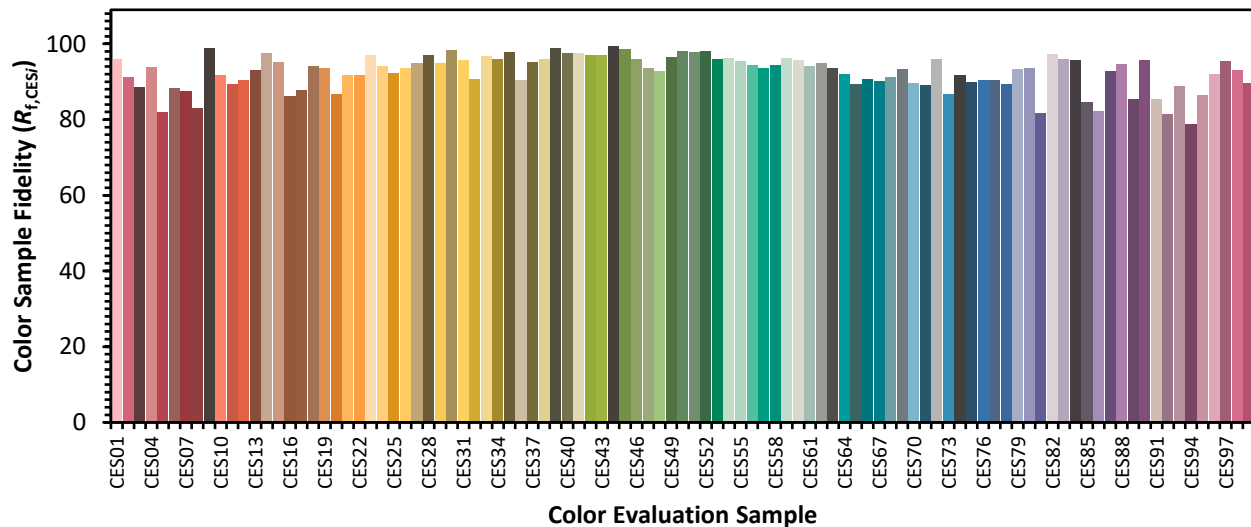


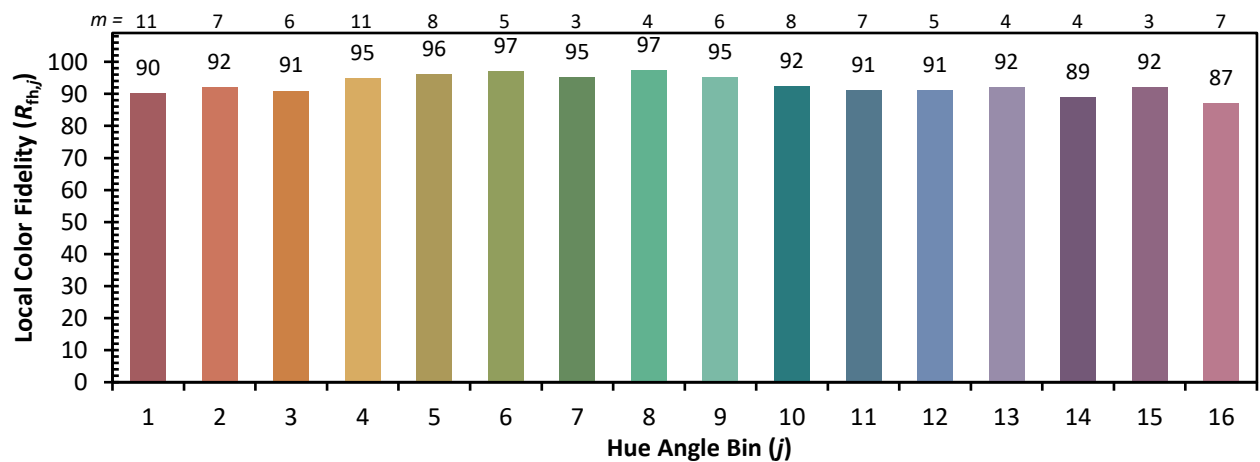
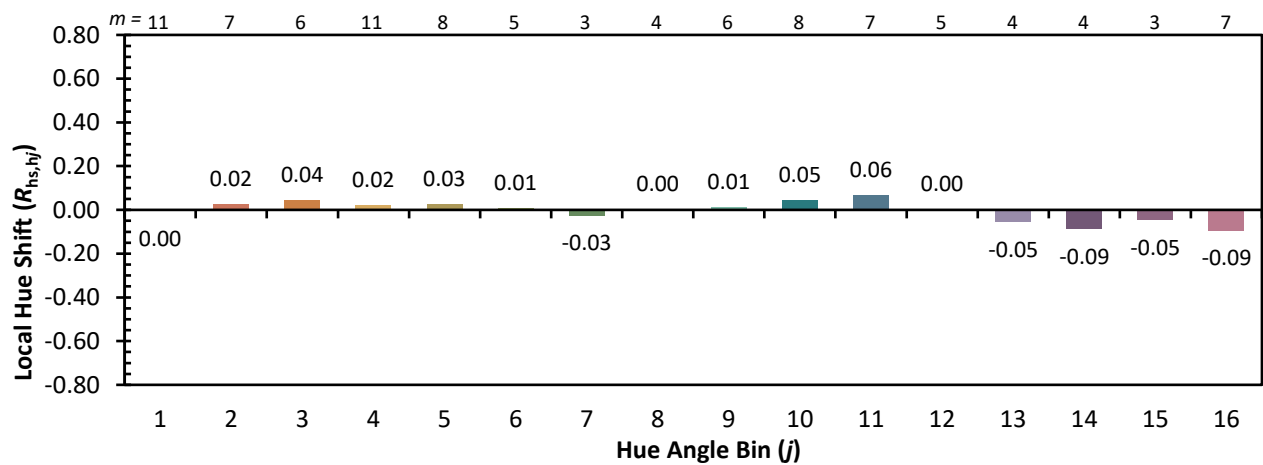
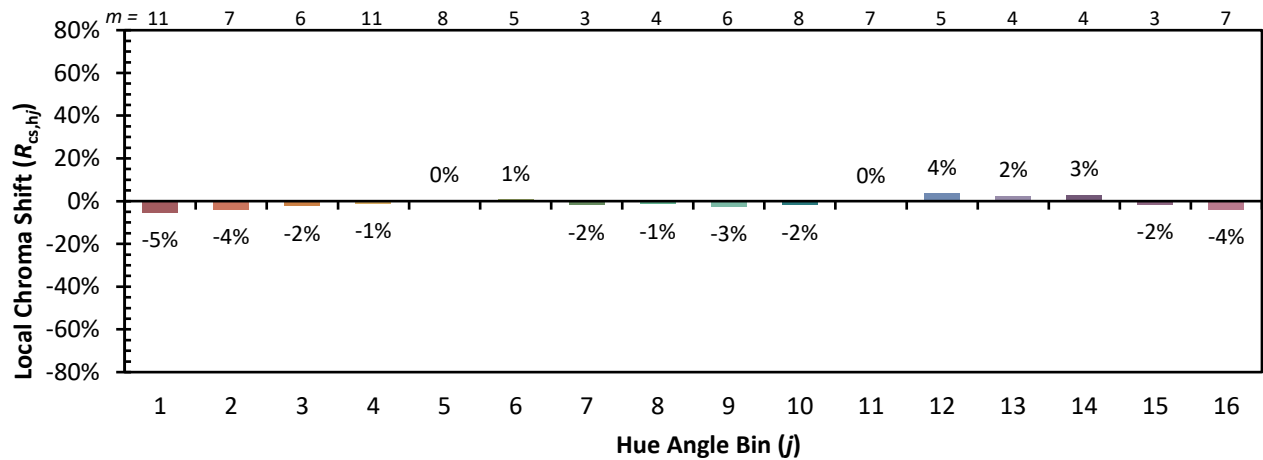
Color Vector Graphics



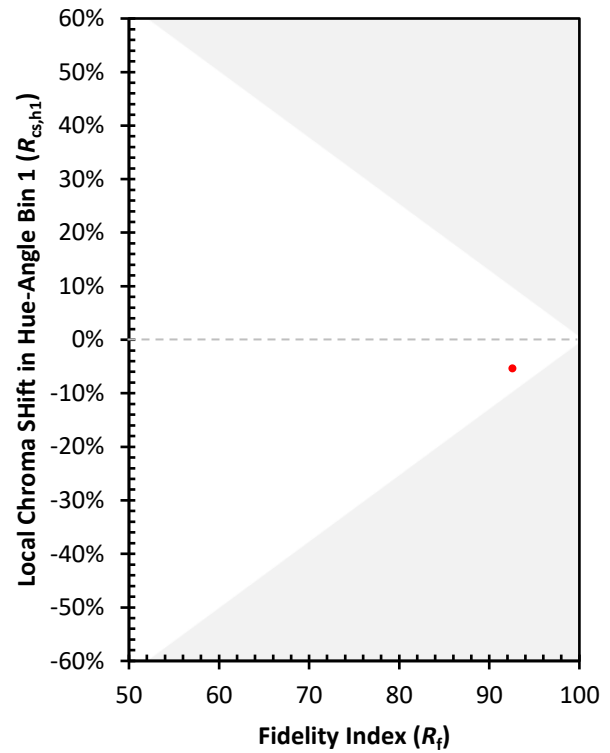
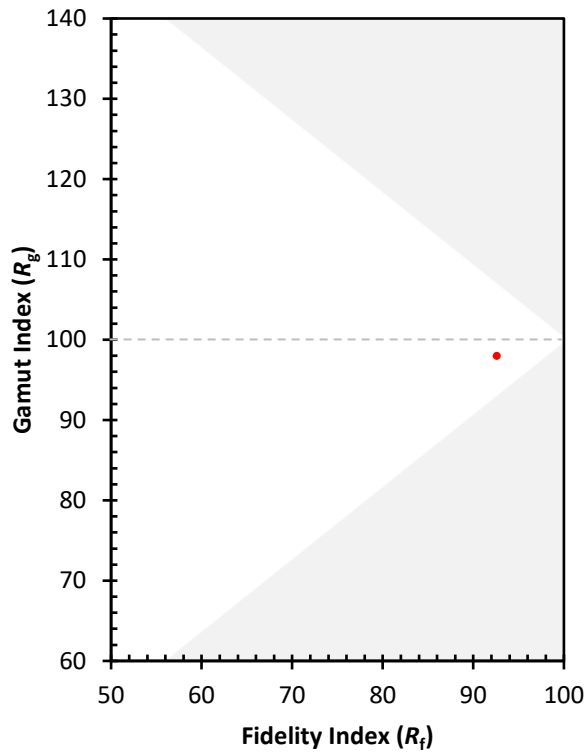
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)