

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: P1048081

Luminaire Tested: **GALN-SA7A-927-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048081
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-927-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15527.4 lumens
Efficiency: N/A
Efficacy: 80.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 193.1
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



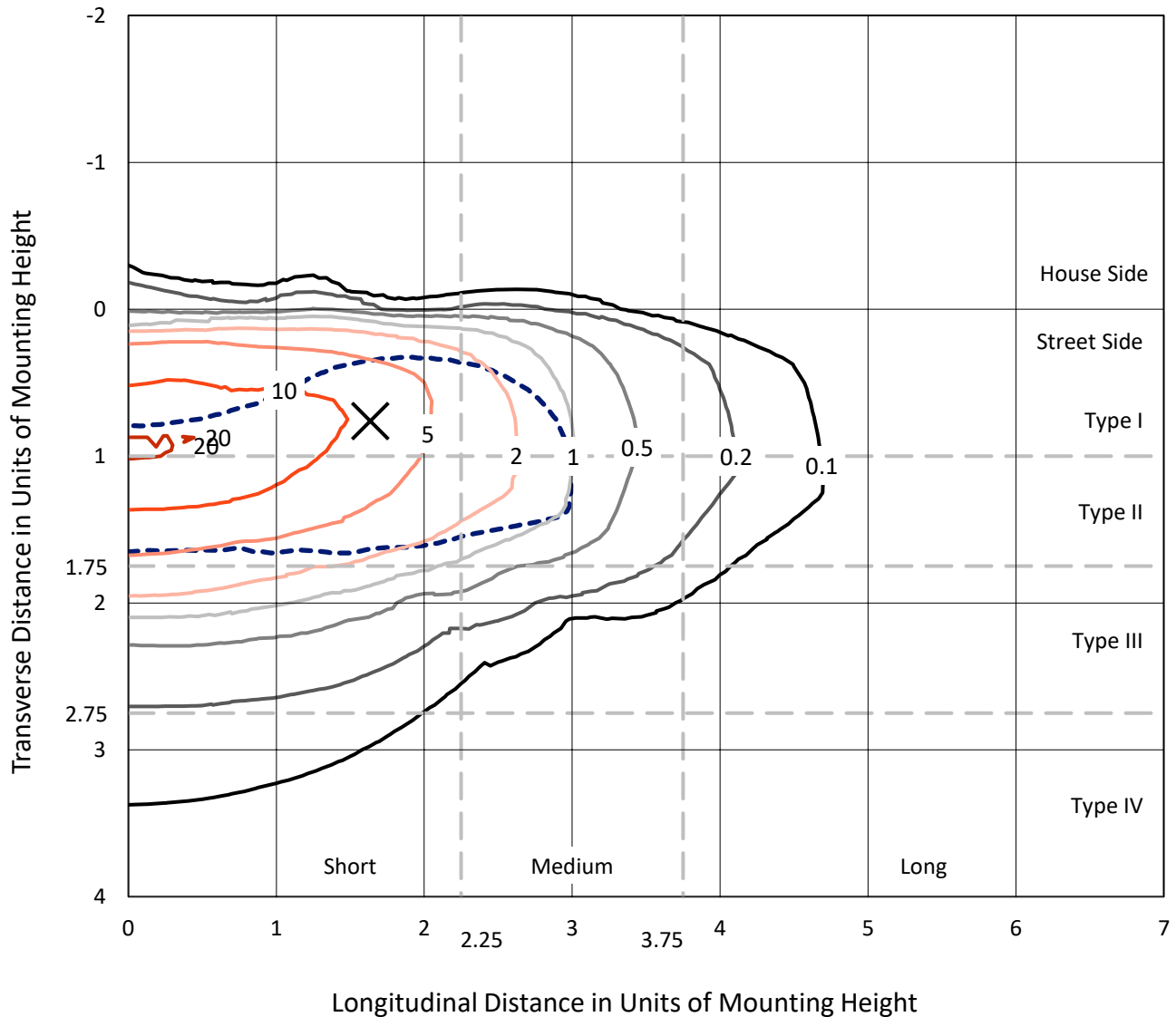
REPORT NUMBER: P1048081

CATALOG NUMBER: GALN-SA7A-927-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

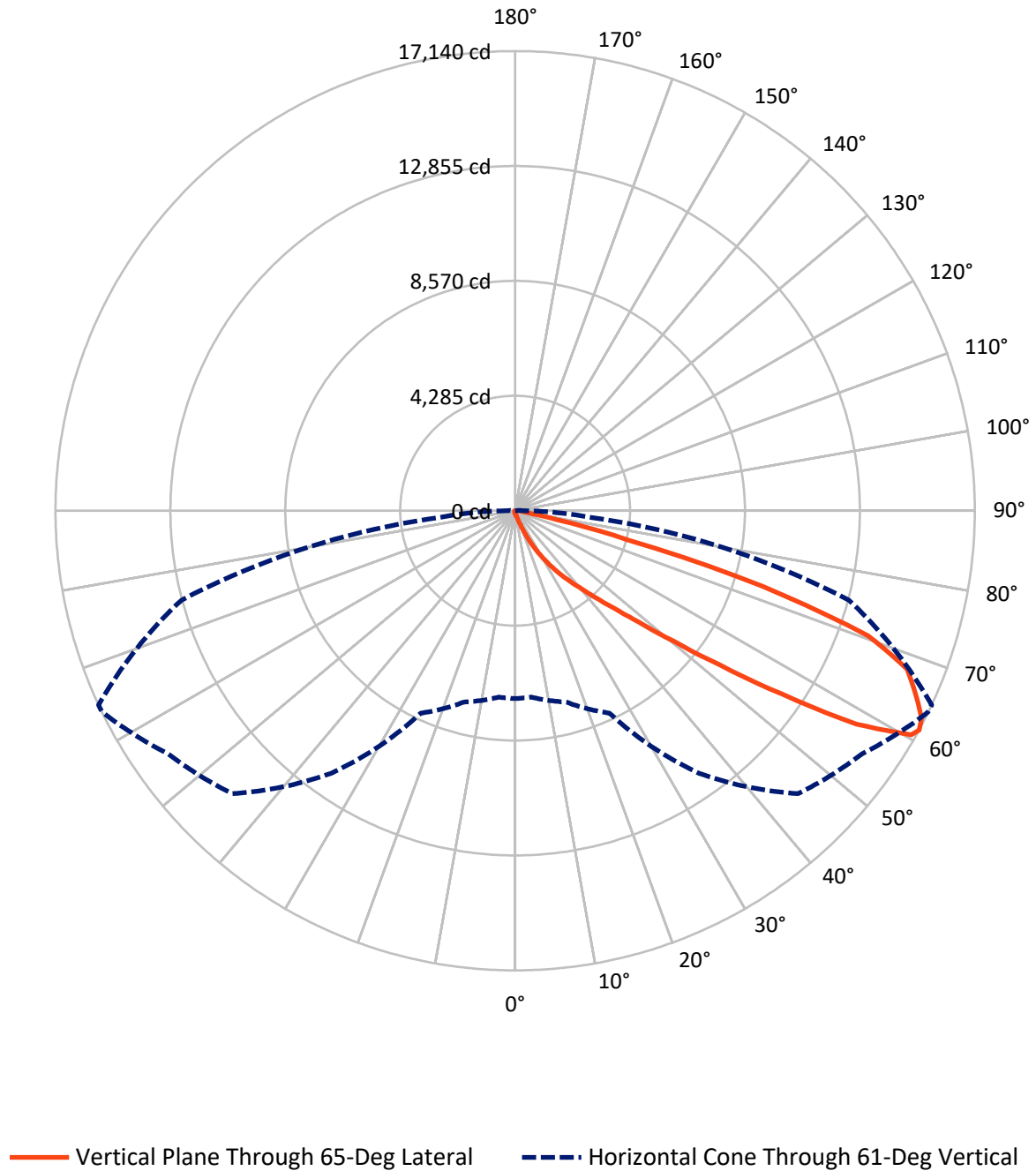


Based on 15 foot mounting height. Maximum calculated value = 20.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1048081

CATALOG NUMBER: GALN-SA7A-927-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048081

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.3	0.0	66.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15461.1	0.0	15461.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	15527.4	0.0	15527.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.1	0.1
10°-20°	127.7	0.8
20°-30°	458.2	3.0
30°-40°	1220.0	7.9
40°-50°	3204.9	20.6
50°-60°	4965.1	32.0
60°-70°	4163.1	26.8
70°-80°	1225.1	7.9
80°-90°	151.1	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°	15527.4	100.0
0°-180°	15527.4	100.0



REPORT NUMBER: P1048081

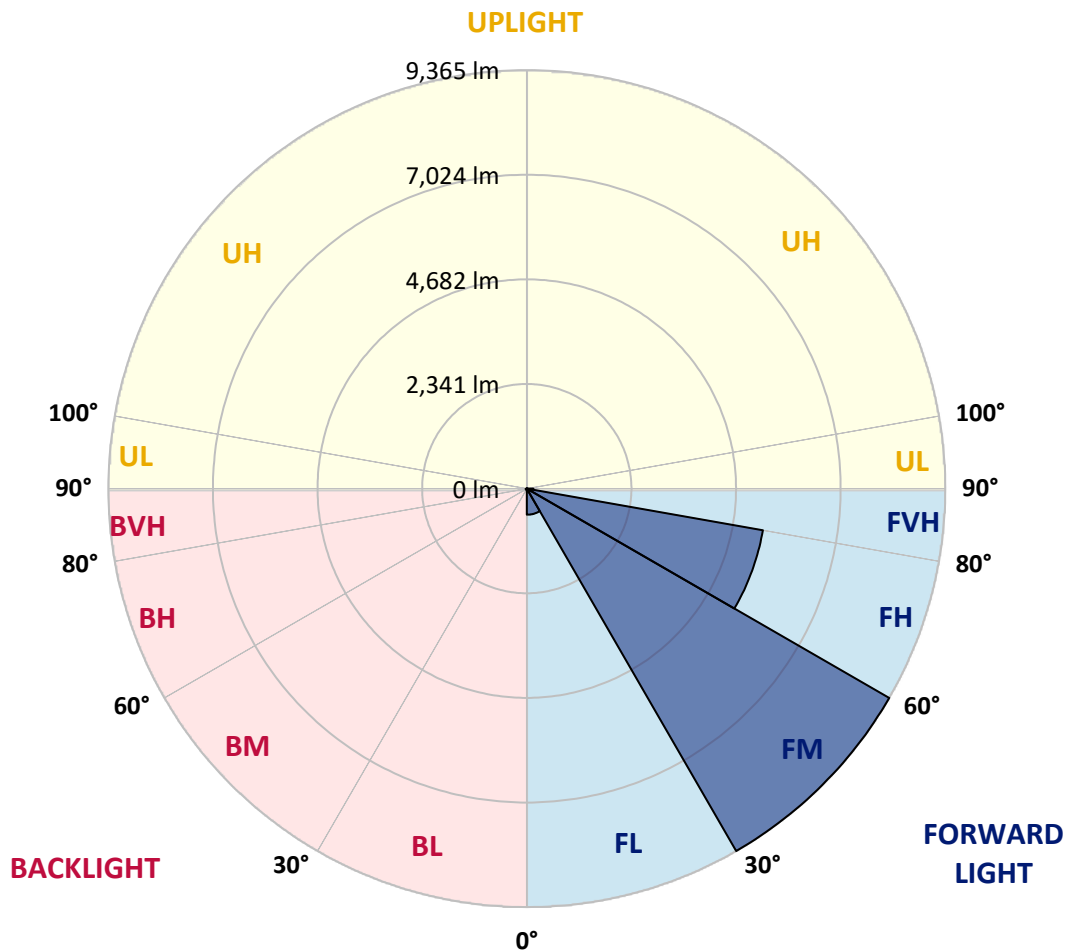
CATALOG NUMBER: GALN-SA7A-927-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	583.1	3.8			
FM	(30°-60°)	9364.8	60.3			
FH	(60°-80°)	5364.9	34.6			G3/7500
FVH	(80°-90°)	148.3	1.0			G2/225
BL	(0°-30°)	14.9	0.1	B0/110		
BM	(30°-60°)	25.2	0.2	B0/220		
BH	(60°-80°)	23.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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 II Short



REPORT NUMBER: P1048081

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2.5°	115.4	116.4	114.3	110.0	106.8	106.8	105.7	102.5	102.5	99.3	97.2
5°	161.3	159.1	154.9	146.3	138.9	131.4	123.9	116.4	115.4	105.7	99.3
7.5°	263.8	266.0	252.1	225.4	202.9	174.1	147.4	131.4	129.2	113.2	100.4
10°	578.9	562.9	530.9	427.2	351.4	264.9	196.5	152.7	150.6	121.8	102.5
12.5°	1055.3	1042.5	983.7	876.9	681.5	474.2	287.3	189.1	182.6	129.2	103.6
15°	1521.0	1500.7	1468.7	1360.8	1132.2	850.2	470.0	258.5	241.4	139.9	102.5
17.5°	1817.9	1821.1	1792.3	1746.4	1599.0	1258.2	811.8	385.6	352.5	159.1	100.4
20°	2077.5	2070.0	2086.0	2061.5	1957.9	1710.1	1181.3	611.0	554.4	190.1	101.5
22.5°	2376.6	2394.7	2406.5	2401.1	2286.8	2075.4	1601.1	914.3	842.7	246.7	104.7
25°	2777.1	2775.0	2776.0	2762.2	2651.1	2416.1	2021.9	1291.4	1218.7	338.6	112.2
27.5°	3196.9	3209.7	3215.0	3164.8	3019.6	2788.9	2411.8	1703.6	1618.2	486.0	121.8
30°	3770.5	3759.8	3735.2	3632.7	3456.4	3170.2	2796.3	2136.2	2046.5	692.1	136.7
32.5°	4543.8	4532.0	4408.1	4181.7	3917.9	3567.5	3183.0	2569.9	2460.9	949.6	157.0
35°	5818.0	5836.2	5531.8	4945.4	4472.2	4045.0	3611.3	3001.4	2905.3	1266.8	184.8
37.5°	7769.5	7670.2	7256.8	6220.7	5201.7	4641.0	4020.4	3437.2	3353.9	1657.7	221.1
40°	9665.4	9567.1	9447.5	8465.9	6469.6	5297.9	4592.9	3948.8	3841.0	2098.9	274.5
42.5°	11658.5	11604.0	11598.7	10858.5	8783.1	6330.7	5281.8	4548.0	4456.2	2582.7	362.1
45°	13070.6	13016.1	13130.4	13259.6	11934.1	8543.9	6481.3	5326.7	5193.2	3170.2	502.0
47.5°	13260.7	13262.8	13568.3	13973.1	14275.4	11967.2	8079.3	6358.5	6196.2	4010.8	737.0
50°	12628.4	12652.9	13138.9	13863.1	14677.0	14839.4	10896.9	7856.0	7615.7	5007.3	1070.3
52.5°	11424.6	11452.4	12129.6	13320.5	14307.5	15529.4	14214.5	9814.9	9538.3	6250.6	1540.2
55°	10340.5	10357.5	11134.1	12639.0	13862.0	15154.5	16184.1	12430.8	12067.6	7780.2	2003.8
57.5°	9267.0	9227.5	9732.7	11455.6	13786.2	14694.1	16474.7	15411.9	15011.3	9451.8	2364.8
60°	7831.4	7765.2	8171.1	9267.0	12788.6	14996.4	15931.0	17061.1	16970.3	11779.2	2643.6
61°	7005.8	6978.0	7386.0	8326.0	11949.0	14919.5	15800.7	17130.5	17140.1	12880.4	2768.6
62.5°	5003.1	5082.1	5705.9	6927.8	10008.3	14420.7	15817.8	16915.8	17010.9	14343.8	3092.2
65°	2223.8	2350.9	2835.9	3830.3	5820.2	11996.0	15666.1	16444.8	16397.8	14745.4	4207.3
67.5°	1319.1	1338.4	1579.7	2170.4	3082.6	6452.5	13824.7	15822.0	15759.0	12836.7	5234.9
70°	1039.3	1048.9	1125.8	1361.9	1789.1	2471.6	7890.2	13689.0	13963.5	10408.8	5124.8
72.5°	985.9	983.7	994.4	1036.1	1126.9	1226.2	3054.8	9099.3	9657.9	7496.1	4297.0
75°	973.1	968.8	958.1	942.1	816.0	722.0	946.4	4024.7	4348.3	5121.6	3235.3
77.5°	944.2	945.3	947.4	903.6	699.6	510.6	458.2	1291.4	1588.3	3250.3	2299.7
80°	638.7	648.3	664.4	647.3	629.1	369.6	323.6	459.3	465.7	1824.3	1518.9
82.5°	323.6	323.6	316.2	282.0	243.5	240.3	257.4	333.3	337.5	922.9	714.6
85°	195.5	206.1	210.4	191.2	175.2	161.3	196.5	264.9	274.5	357.8	166.6
87.5°	43.8	44.9	49.1	65.2	95.1	129.2	182.6	242.5	246.7	229.6	20.3
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: P1048081

CATALOG NUMBER: GALN-SA7A-927-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2.5°	96.1	94.0	92.9	89.7	86.5	83.3	81.2	80.1	81.2	82.2	82.2
5°	95.1	91.9	86.5	81.2	76.9	72.6	68.4	67.3	67.3	68.4	68.4
7.5°	95.1	89.7	82.2	75.8	69.4	63.0	59.8	57.7	58.7	58.7	58.7
10°	95.1	88.7	79.0	69.4	62.0	54.5	49.1	47.0	47.0	47.0	47.0
12.5°	94.0	87.6	75.8	64.1	53.4	44.9	38.5	35.2	36.3	36.3	36.3
15°	91.9	84.4	71.6	54.5	42.7	34.2	27.8	24.6	25.6	27.8	28.8
17.5°	88.7	81.2	64.1	45.9	34.2	25.6	19.2	17.1	18.2	21.4	21.4
20°	87.6	78.0	56.6	37.4	25.6	18.2	12.8	10.7	11.7	16.0	17.1
22.5°	87.6	75.8	51.3	31.0	19.2	11.7	7.5	4.3	4.3	7.5	7.5
25°	88.7	74.8	47.0	25.6	13.9	8.5	4.3	2.1	4.3	11.7	13.9
27.5°	90.8	73.7	44.9	21.4	10.7	7.5	3.2	7.5	12.8	12.8	12.8
30°	92.9	71.6	41.7	18.2	9.6	5.3	5.3	10.7	10.7	12.8	13.9
32.5°	96.1	70.5	39.5	16.0	7.5	4.3	7.5	6.4	6.4	7.5	8.5
35°	102.5	71.6	37.4	16.0	7.5	5.3	6.4	3.2	2.1	2.1	2.1
37.5°	111.1	72.6	34.2	13.9	6.4	6.4	3.2	0.0	0.0	0.0	0.0
40°	125.0	75.8	32.0	12.8	5.3	5.3	1.1	0.0	0.0	0.0	0.0
42.5°	148.5	82.2	31.0	11.7	5.3	4.3	0.0	0.0	0.0	0.0	0.0
45°	195.5	97.2	28.8	10.7	5.3	2.1	0.0	0.0	0.0	0.0	0.0
47.5°	280.9	132.4	27.8	8.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	410.2	179.4	26.7	7.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	523.4	189.1	18.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	536.2	130.3	13.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	427.2	84.4	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	323.6	64.1	10.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	310.8	57.7	10.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	342.9	50.2	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	557.6	41.7	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	968.8	36.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1224.1	34.2	6.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1067.1	31.0	6.4	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	641.9	26.7	6.4	4.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	336.5	20.3	6.4	5.3	3.2	1.1	0.0	0.0	0.0	0.0	0.0
80°	163.4	18.2	7.5	5.3	4.3	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	64.1	15.0	8.5	7.5	5.3	3.2	1.1	0.0	0.0	0.0	0.0
85°	28.8	12.8	9.6	8.5	7.5	4.3	1.1	0.0	0.0	0.0	0.0
87.5°	15.0	11.7	10.7	9.6	7.5	5.3	2.1	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: SP1-2407-184-13

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

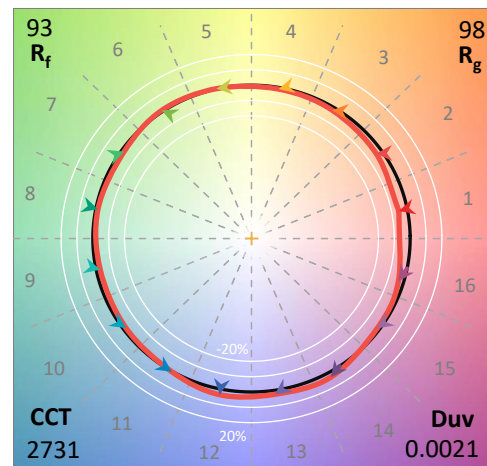
Test Information

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

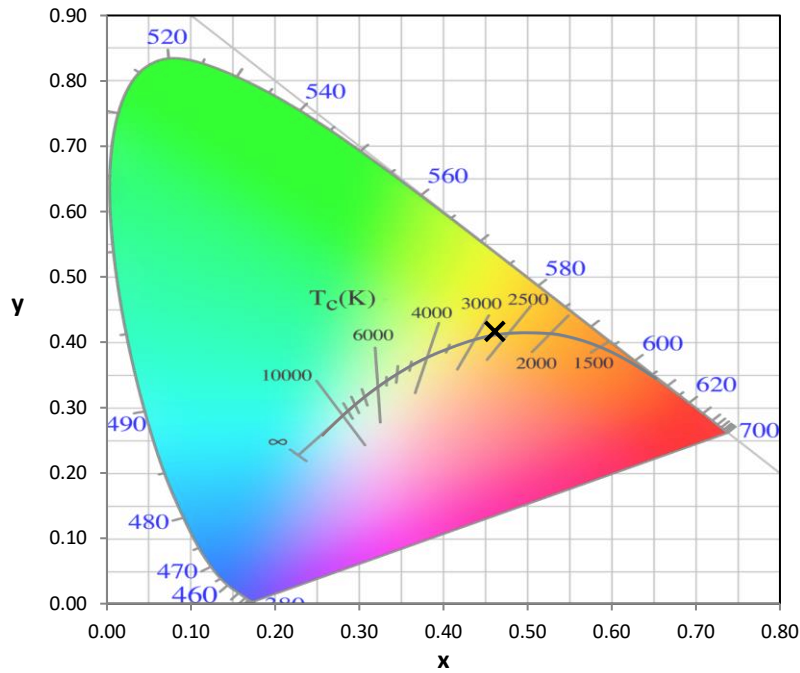
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

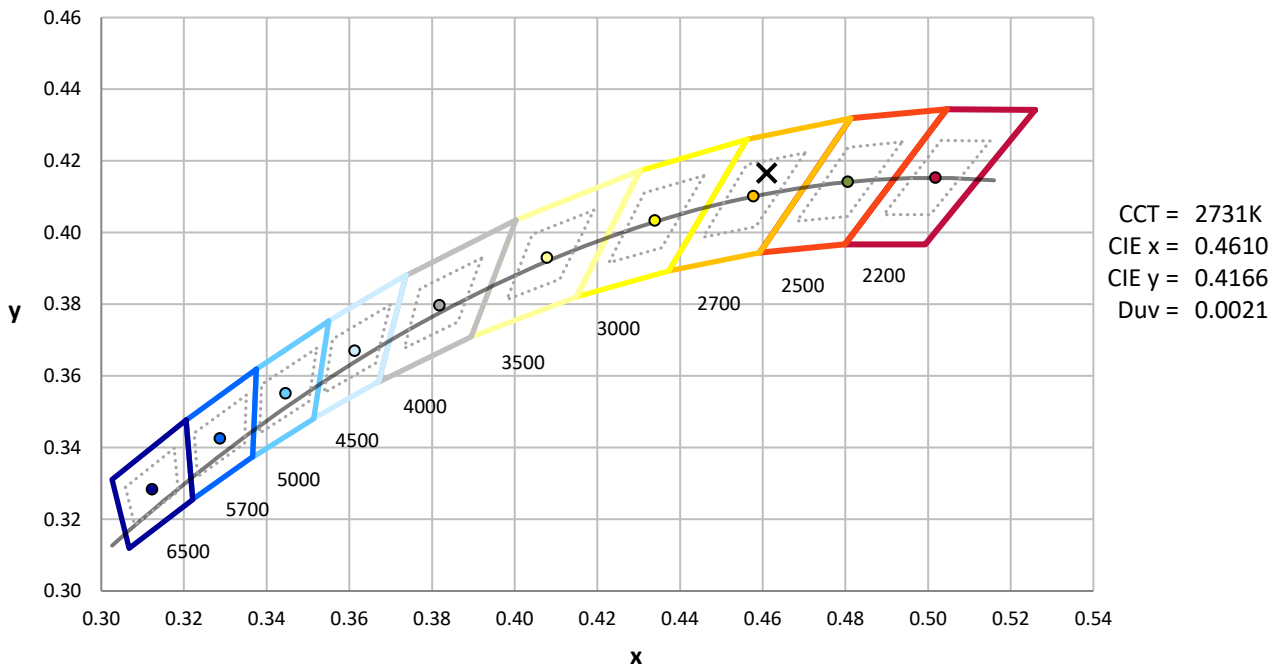
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



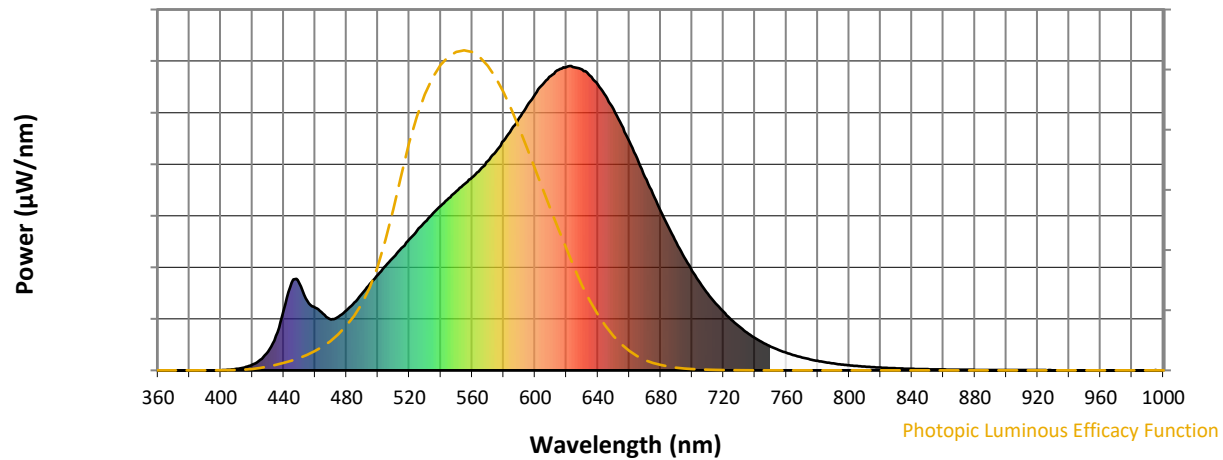
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

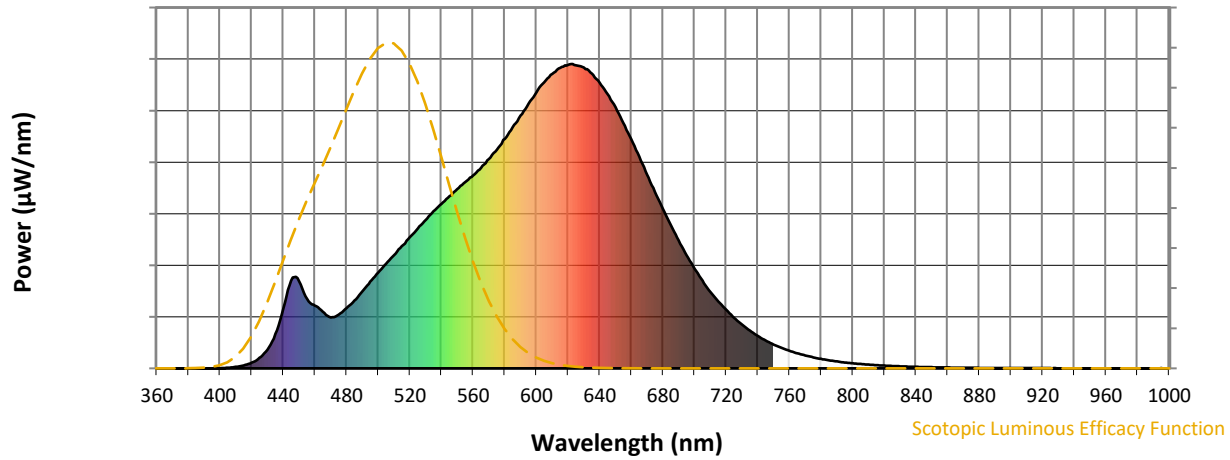


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



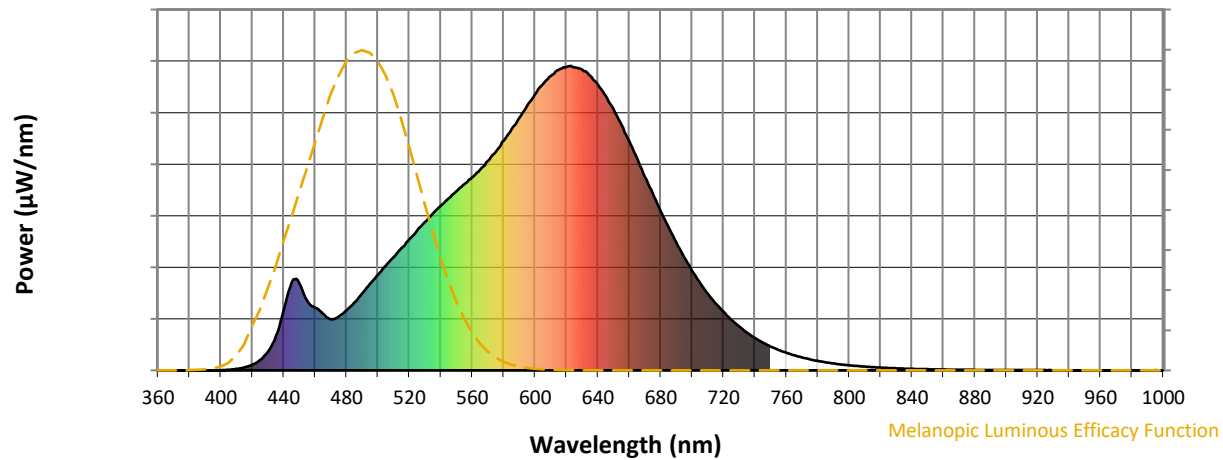
Scotopic Lumens: NR

S/P: 1.27

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	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			

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

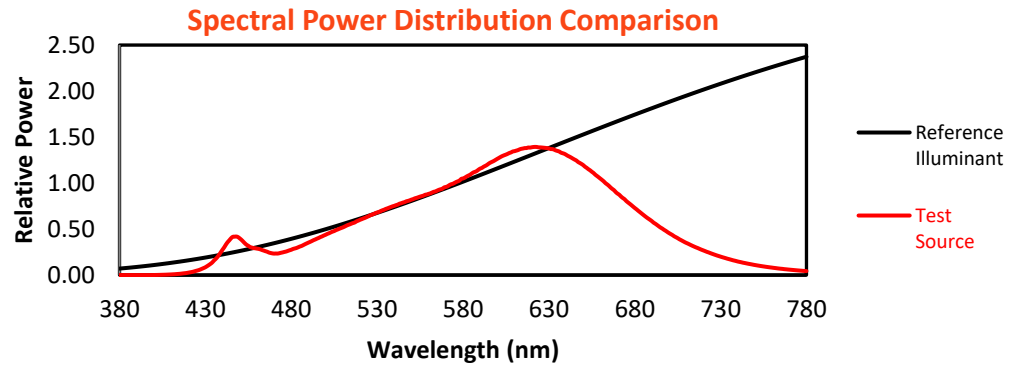
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	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			

REPORT NUMBER: SP1-2407-184-13

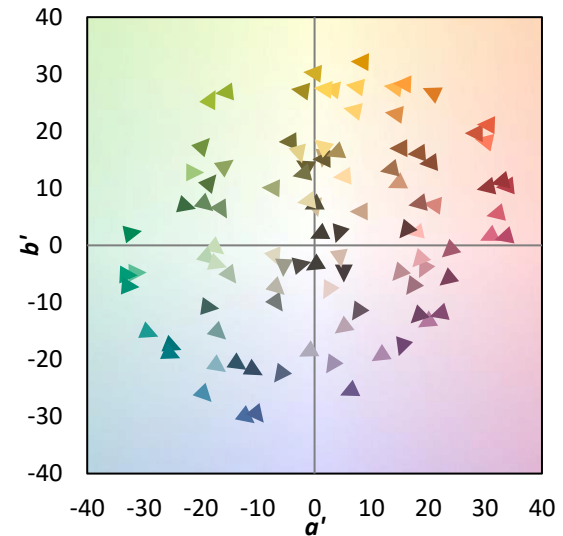
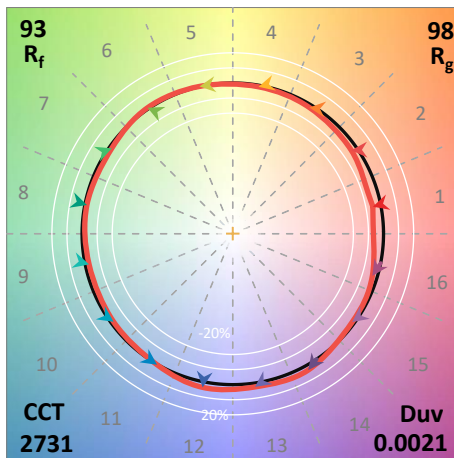
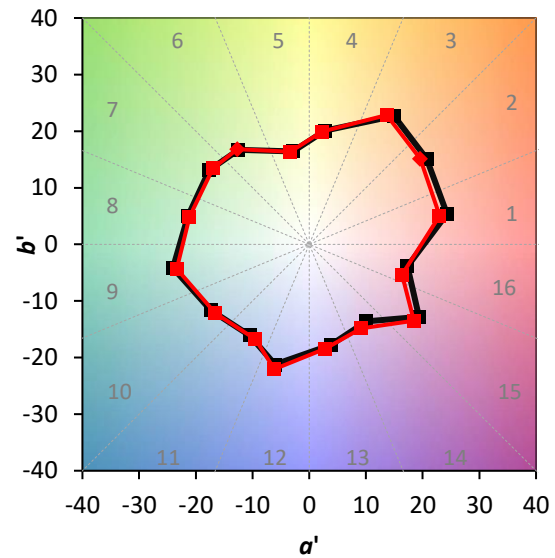
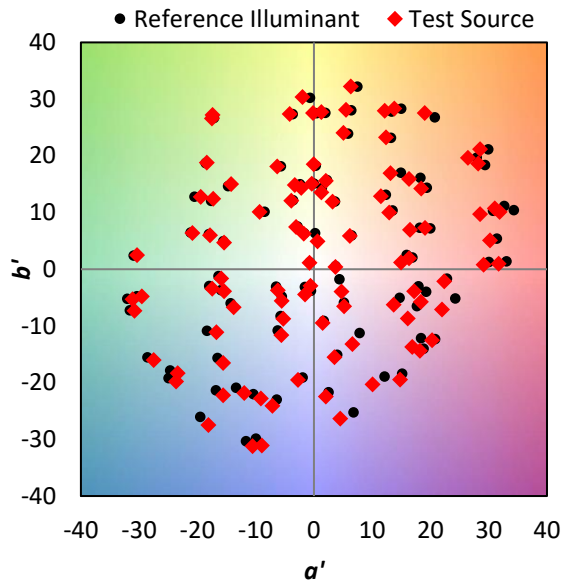
TM-30-18

Summary

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

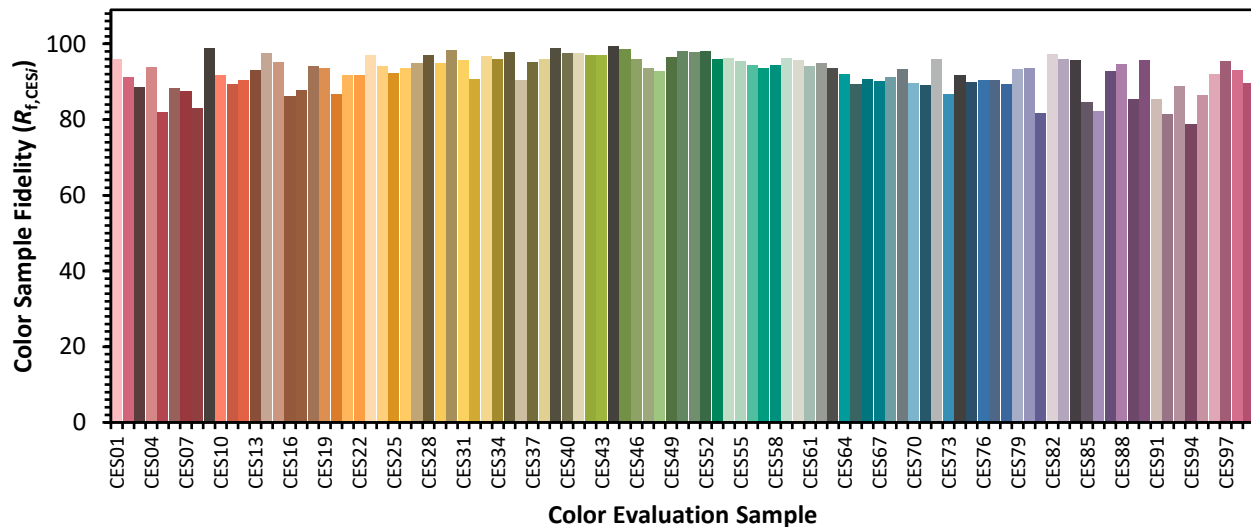


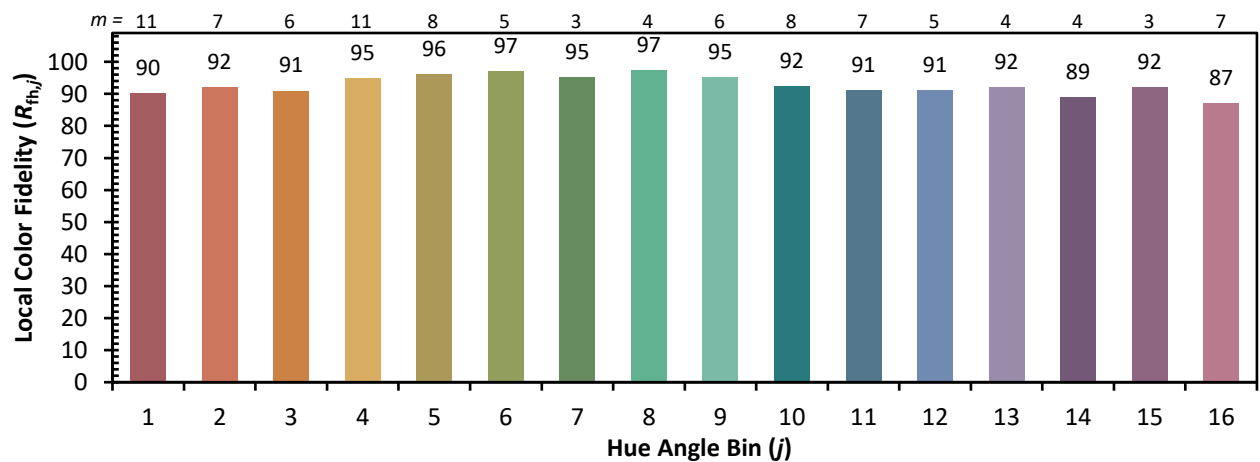
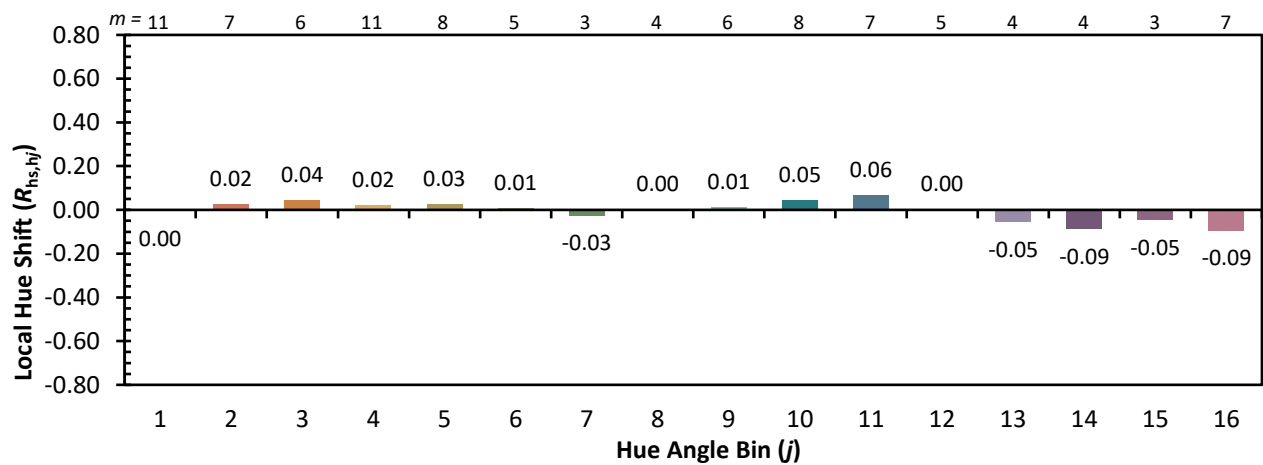
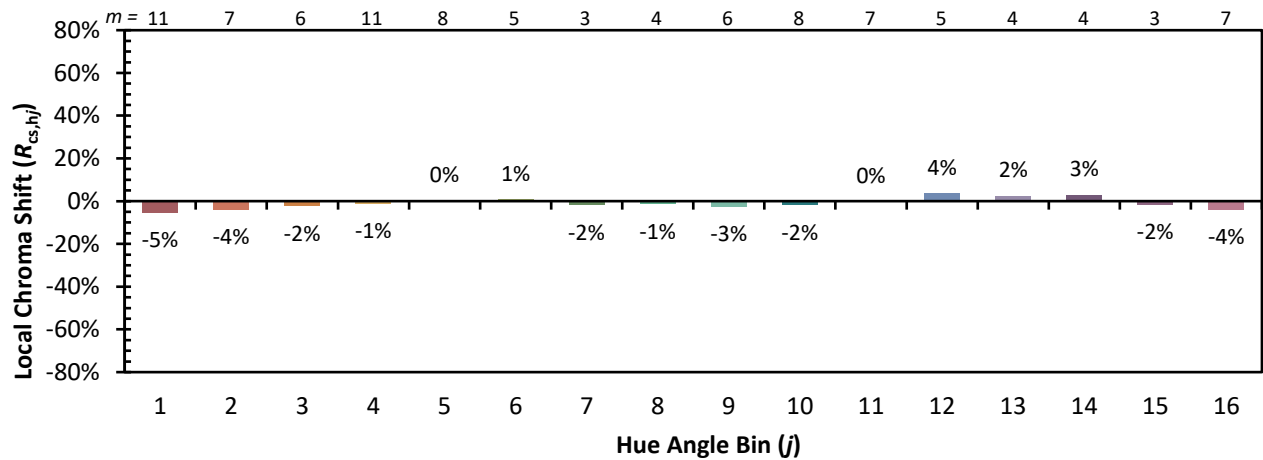
Color Vector Graphics



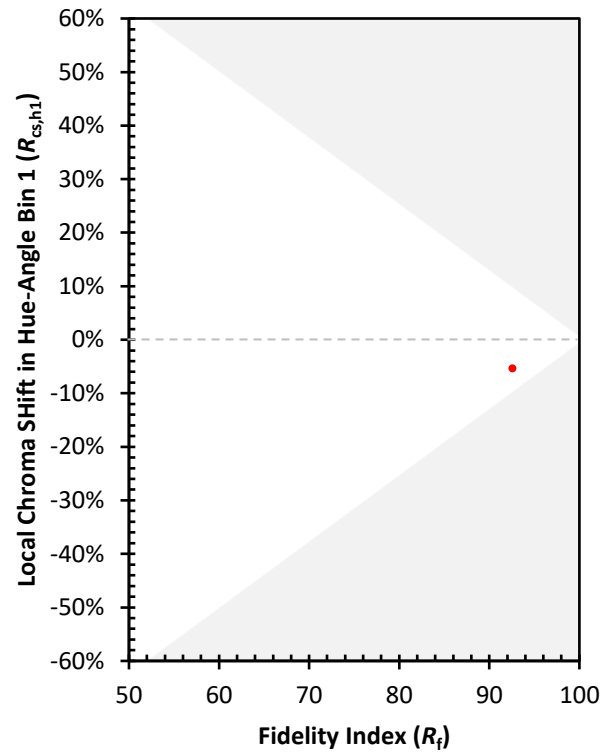
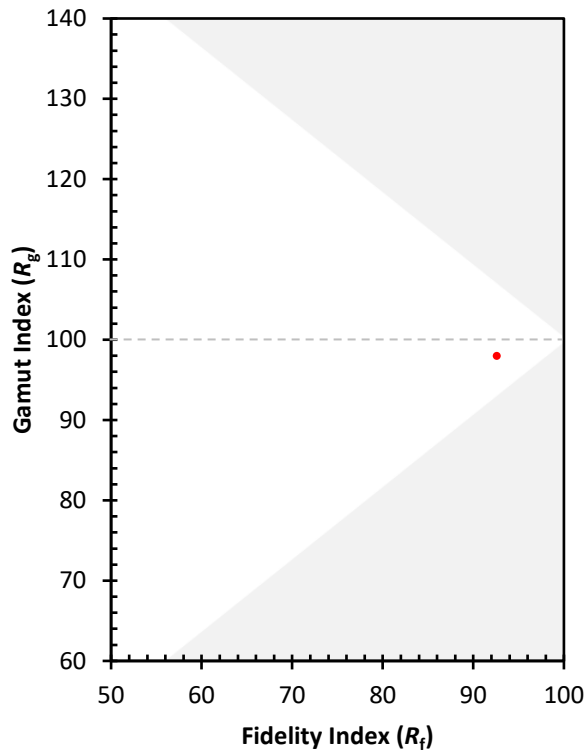
Individual Sample Fidelity Index ($R_{f,i}$)

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)