

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: P1047473

Luminaire Tested: **GALN-SA8A-927-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047473
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-927-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18728 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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

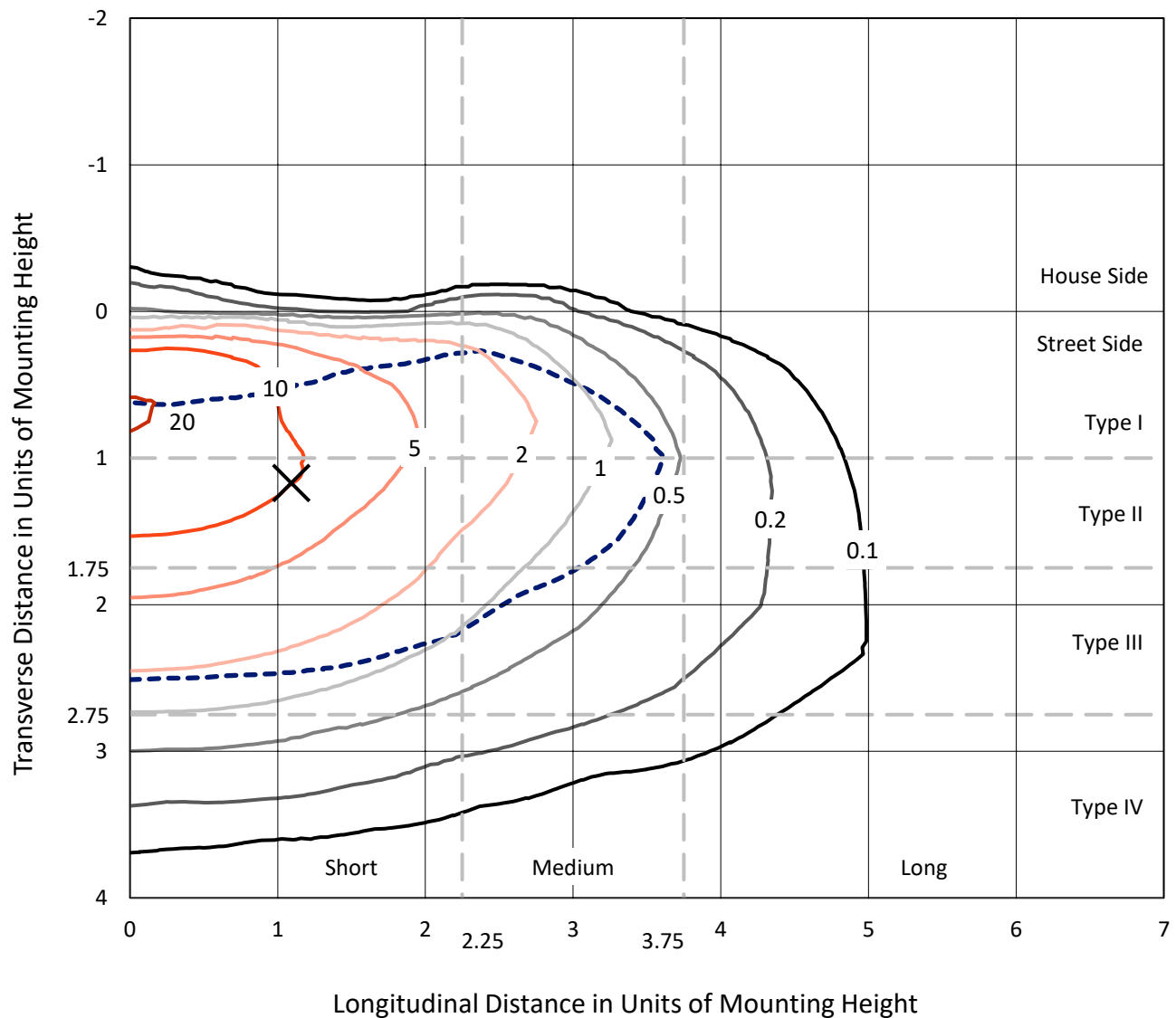


REPORT NUMBER: P1047473

CATALOG NUMBER: GALN-SA8A-927-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

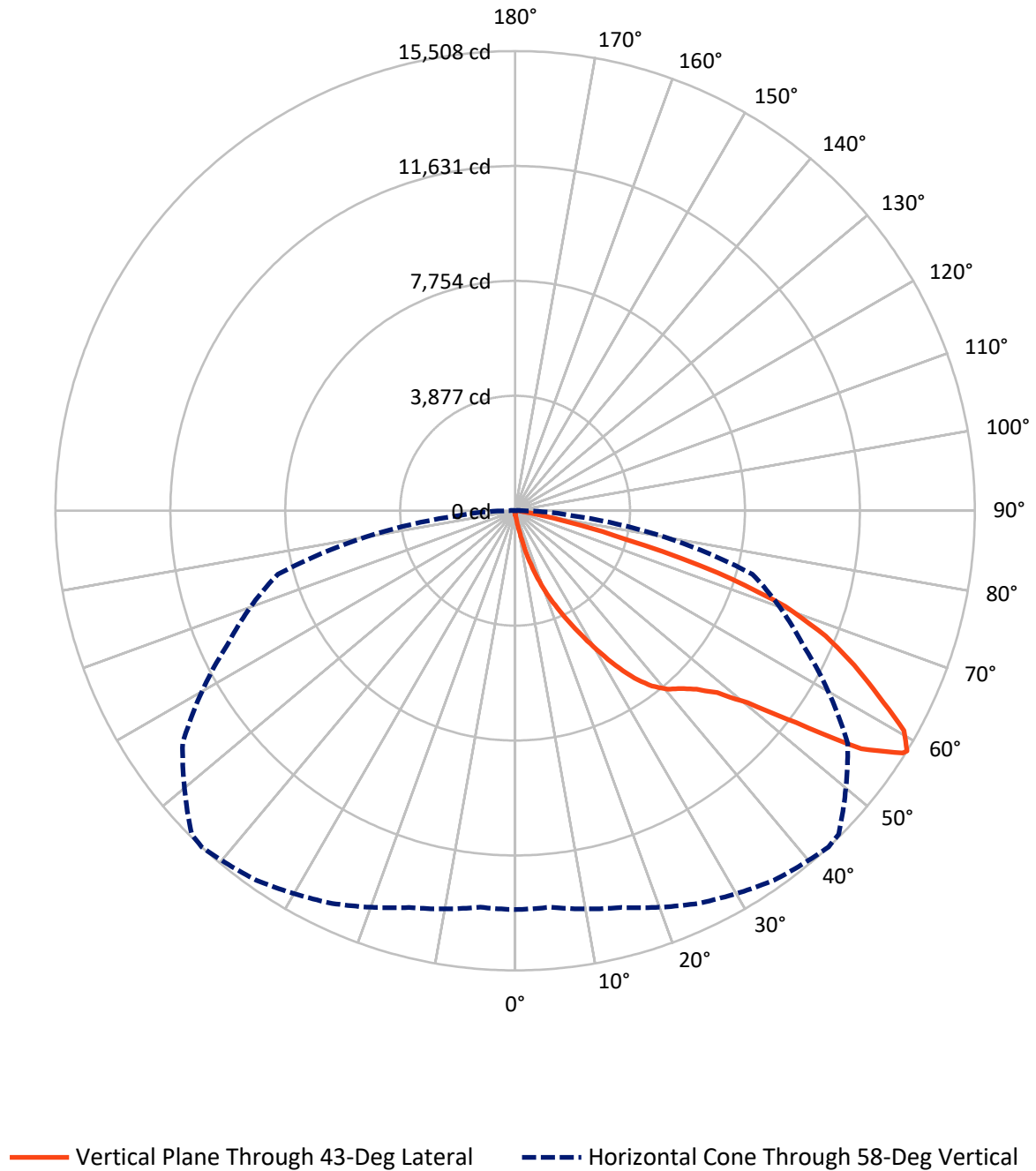


Based on 15 foot mounting height. Maximum calculated value = 21 fc
 Type III - Short - N/A

REPORT NUMBER: P1047473

CATALOG NUMBER: GALN-SA8A-927-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047473

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.4	0.0	68.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18659.6	0.0	18659.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	18728.0	0.0	18728.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	0.1
10°-20°	215.3	1.1
20°-30°	775.9	4.1
30°-40°	1775.3	9.5
40°-50°	2994.2	16.0
50°-60°	4941.2	26.4
60°-70°	5522.4	29.5
70°-80°	2280.1	12.2
80°-90°	205.6	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°	18728.0	100.0
0°-180°	18728.0	100.0



REPORT NUMBER: P1047473

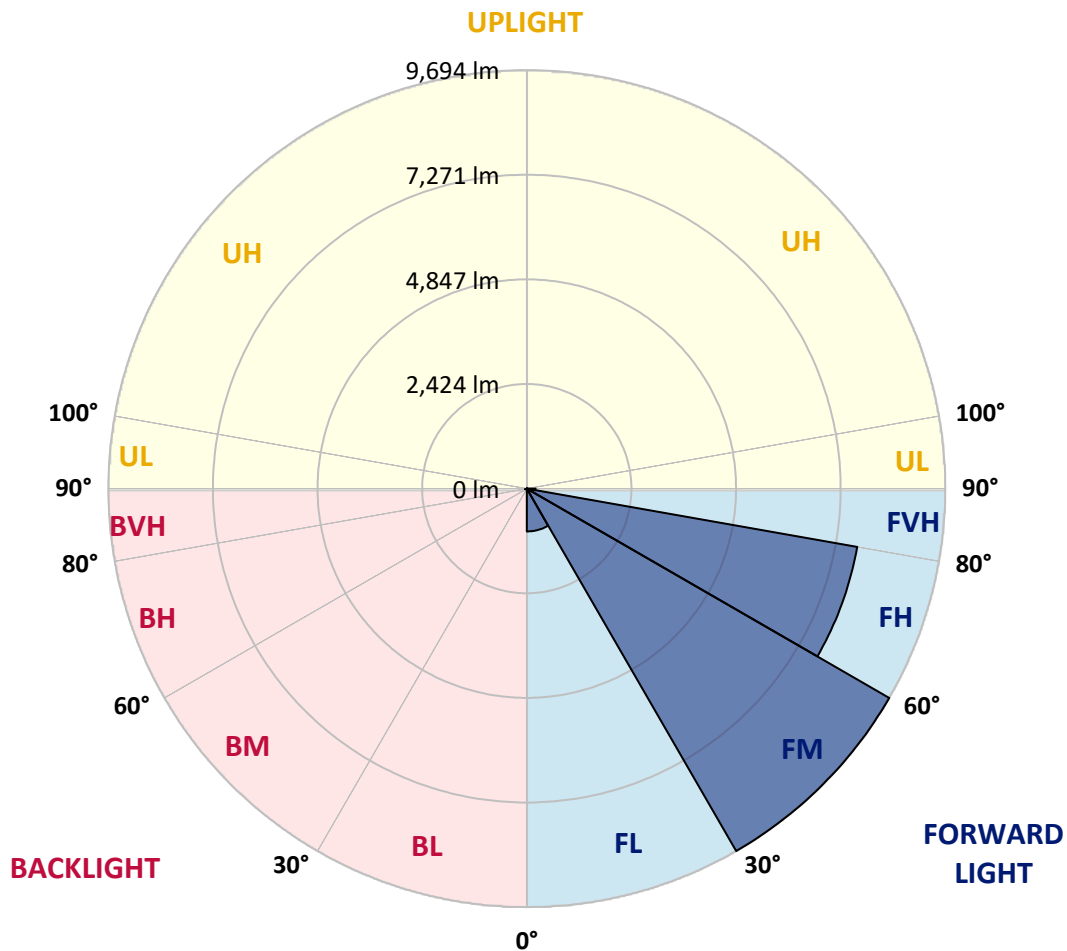
CATALOG NUMBER: GALN-SA8A-927-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	991.3	5.3			
FM	(30°-60°)	9694.3	51.8			
FH	(60°-80°)	7771.2	41.5			G4/12000
FVH	(80°-90°)	202.7	1.1			G2/225
BL	(0°-30°)	17.8	0.1	B0/110		
BM	(30°-60°)	16.4	0.1	B0/220		
BH	(60°-80°)	31.3	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-G4

Type III Short



REPORT NUMBER: P1047473

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
2.5°	146.9	151.8	146.9	146.9	146.9	142.0	142.0	137.1	137.1	132.2	127.4
5°	215.5	215.5	200.8	191.0	181.2	176.3	171.4	161.6	151.8	142.0	132.2
7.5°	480.0	480.0	435.9	377.2	298.8	254.7	244.9	200.8	171.4	151.8	132.2
10°	1146.2	1146.2	1048.2	886.6	685.7	509.4	455.5	289.0	205.7	161.6	137.1
12.5°	1905.4	1929.9	1807.4	1601.7	1302.9	994.3	886.6	529.0	274.3	176.3	137.1
15°	2586.2	2527.4	2493.1	2297.2	2013.1	1645.8	1508.6	891.5	396.7	200.8	137.1
17.5°	3046.6	3046.6	2997.7	2865.4	2605.8	2282.5	2169.9	1440.0	641.7	230.2	142.0
20°	3585.4	3585.4	3497.3	3404.2	3174.0	2899.7	2791.9	2047.4	994.3	293.9	142.0
22.5°	4236.9	4246.7	4148.7	3982.2	3761.8	3458.1	3365.0	2610.7	1440.0	391.9	146.9
25°	5030.4	5040.2	4898.1	4741.4	4403.4	4075.2	3933.2	3257.3	1983.7	548.6	146.9
27.5°	5907.1	5975.7	5765.1	5495.7	5138.1	4726.7	4618.9	3840.1	2522.5	773.9	156.7
30°	6999.4	6999.4	6720.2	6343.1	5956.1	5446.7	5309.6	4452.4	3095.6	1072.7	166.5
32.5°	7939.9	7866.4	7508.8	7112.1	6700.6	6225.5	6078.6	5094.1	3683.4	1444.9	186.1
35°	8659.9	8596.2	8155.4	7729.2	7371.7	6935.8	6759.4	5789.6	4305.5	1866.2	215.5
37.5°	9277.1	9252.6	8655.0	8121.1	7886.0	7503.9	7347.2	6445.9	4917.7	2321.7	249.8
40°	9953.0	9874.6	9237.9	8576.6	8224.0	7915.4	7773.3	6974.9	5505.5	2855.6	298.8
42.5°	10531.0	10437.9	9864.8	9218.3	8615.8	8199.5	8062.3	7420.7	6078.6	3389.5	362.5
45°	11172.6	11123.7	10545.7	10055.9	9252.6	8586.4	8405.2	7778.2	6602.7	4026.3	445.7
47.5°	12137.6	12049.4	11510.6	11109.0	10178.3	9174.2	8914.6	8145.6	7107.2	4653.2	573.1
50°	13259.2	13200.5	12882.1	12563.7	11638.0	10178.3	9869.7	8674.6	7670.5	5397.7	739.6
52.5°	14175.2	14165.4	14204.6	14209.5	13509.0	11868.2	11407.7	9526.9	8317.0	6132.5	974.7
55°	14155.6	14199.7	14630.7	15125.4	15179.3	14175.2	13729.5	10962.0	9159.5	7038.6	1302.9
57.5°	13626.6	13592.3	14047.8	14792.3	15316.4	15424.2	15350.7	13190.7	10428.1	8130.9	1807.4
58°	13455.2	13425.8	13856.8	14616.0	15218.5	15507.5	15434.0	13695.2	10712.2	8287.6	1944.6
60°	12833.1	12838.0	13092.7	13783.3	14385.8	15071.5	15140.1	15135.2	12127.8	9335.8	2635.2
62.5°	12010.2	11971.0	12206.1	12769.4	13298.4	13758.8	13876.4	15233.2	14199.7	10668.1	3952.8
65°	10873.8	10815.1	11064.9	11701.6	12269.8	12568.6	12573.5	13920.5	15174.4	12098.4	5833.7
67.5°	8762.8	8713.8	9213.4	10031.4	10908.1	11300.0	11476.3	12078.8	14351.5	13068.2	6911.3
70°	5368.3	5471.2	6166.7	7450.1	8948.9	9668.9	9933.4	10119.5	12220.8	12921.3	5779.8
72.5°	2478.5	2356.0	2948.7	3845.0	5554.5	7156.2	7430.5	8160.3	9688.5	11216.7	4310.4
75°	1156.0	1111.9	1249.0	1680.1	2517.6	3864.6	4364.2	6514.5	7430.5	7802.7	3110.3
77.5°	592.7	597.6	710.2	764.1	1038.4	1787.8	2052.3	4285.9	5446.7	4354.4	2086.6
80°	259.6	269.4	274.3	298.8	421.2	690.6	778.8	1988.6	3722.6	2218.9	1141.3
82.5°	166.5	171.4	171.4	171.4	200.8	274.3	313.5	798.4	1856.4	1102.1	352.7
85°	88.2	88.2	98.0	122.5	142.0	166.5	176.3	254.7	612.3	328.2	83.3
87.5°	49.0	53.9	58.8	73.5	93.1	112.7	122.5	176.3	235.1	225.3	19.6
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: P1047473

CATALOG NUMBER: GALN-SA8A-927-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
2.5°	127.4	122.5	117.6	112.7	107.8	102.9	102.9	102.9	102.9	102.9	102.9
5°	122.5	117.6	112.7	102.9	93.1	88.2	83.3	78.4	78.4	78.4	78.4
7.5°	122.5	117.6	102.9	93.1	83.3	73.5	63.7	63.7	63.7	63.7	63.7
10°	122.5	112.7	98.0	83.3	68.6	58.8	53.9	49.0	49.0	49.0	49.0
12.5°	122.5	107.8	93.1	73.5	58.8	49.0	44.1	39.2	39.2	39.2	39.2
15°	122.5	107.8	88.2	68.6	53.9	39.2	34.3	29.4	29.4	29.4	29.4
17.5°	117.6	102.9	83.3	58.8	44.1	29.4	24.5	19.6	19.6	24.5	24.5
20°	112.7	98.0	73.5	49.0	34.3	24.5	14.7	14.7	14.7	14.7	14.7
22.5°	112.7	98.0	68.6	44.1	29.4	14.7	9.8	9.8	9.8	9.8	14.7
25°	112.7	93.1	58.8	34.3	19.6	9.8	4.9	4.9	4.9	4.9	4.9
27.5°	112.7	93.1	53.9	29.4	14.7	9.8	4.9	0.0	0.0	0.0	0.0
30°	107.8	88.2	49.0	24.5	9.8	4.9	0.0	0.0	0.0	0.0	0.0
32.5°	107.8	83.3	39.2	19.6	9.8	4.9	0.0	0.0	0.0	0.0	0.0
35°	112.7	78.4	34.3	14.7	4.9	0.0	0.0	0.0	0.0	0.0	4.9
37.5°	117.6	73.5	29.4	9.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	122.5	68.6	29.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	132.2	68.6	24.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	142.0	68.6	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	161.6	73.5	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	176.3	78.4	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	195.9	73.5	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	220.4	73.5	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	240.0	68.6	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	249.8	63.7	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	298.8	58.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	465.3	49.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	945.3	44.1	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1763.3	39.2	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1973.9	44.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1244.1	34.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	656.3	34.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	328.2	34.3	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	151.8	24.5	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	63.7	14.7	9.8	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.4	14.7	9.8	9.8	4.9	4.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	14.7	14.7	9.8	9.8	4.9	4.9	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

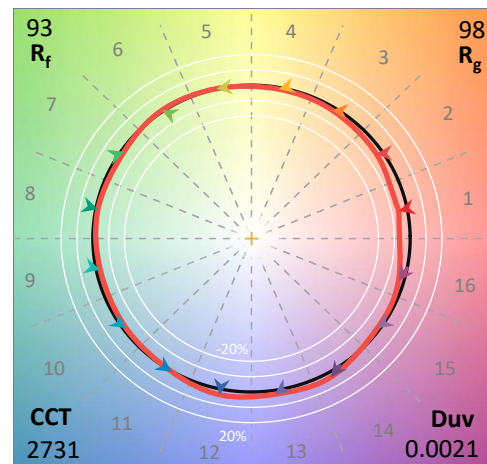
Test Information

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

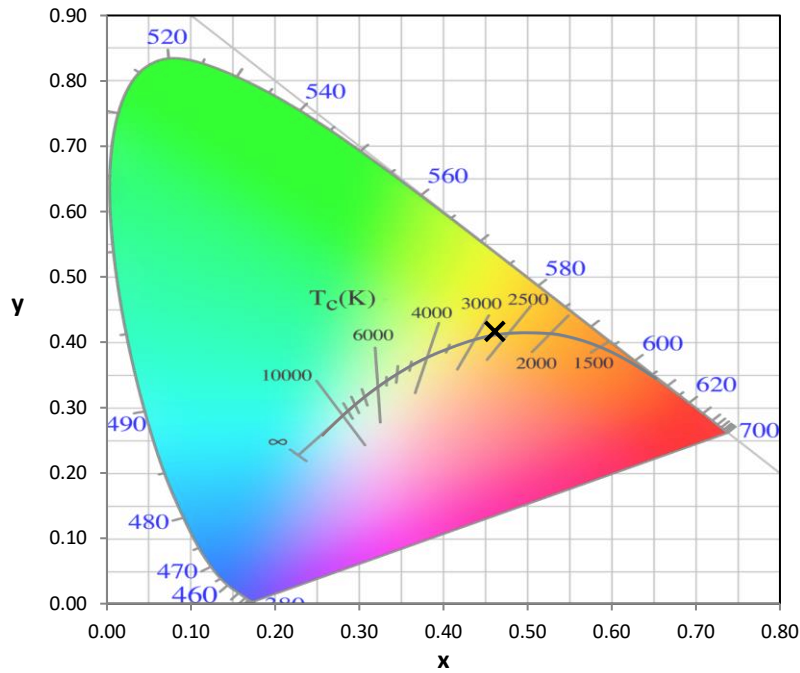
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

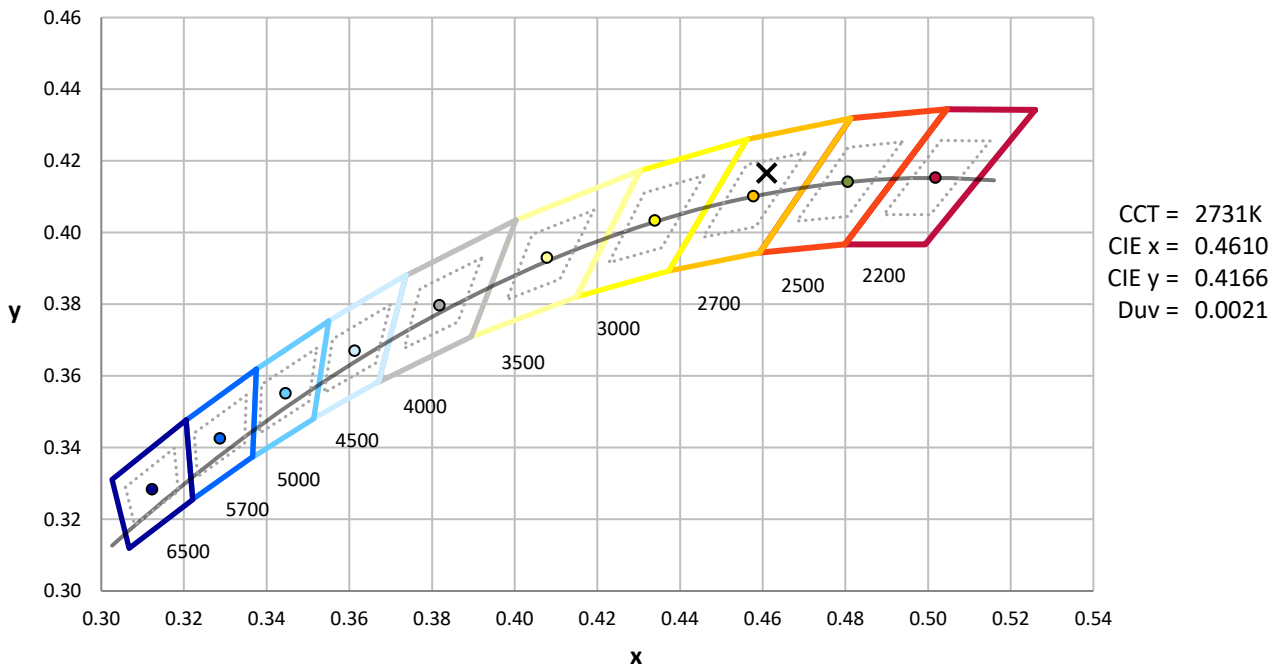
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



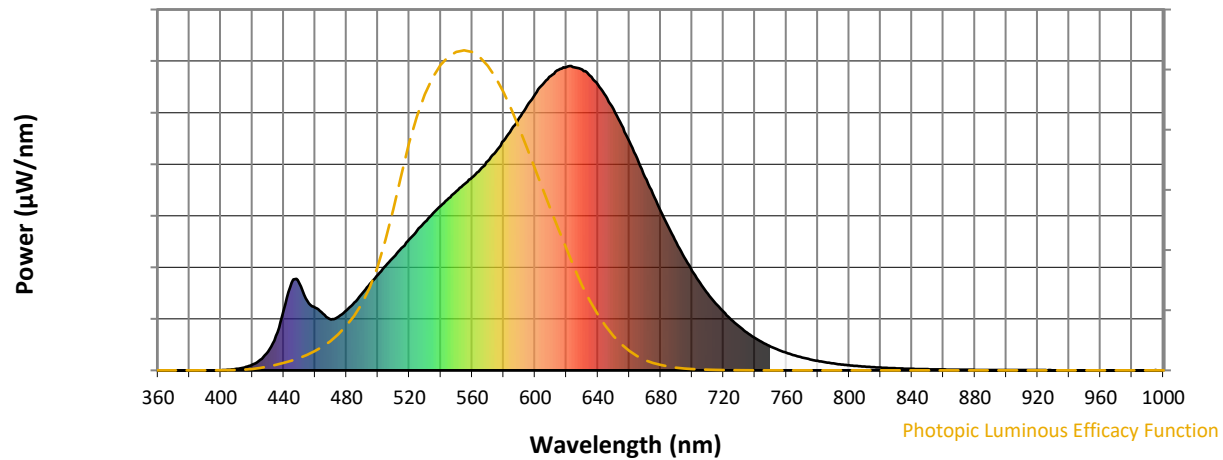
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

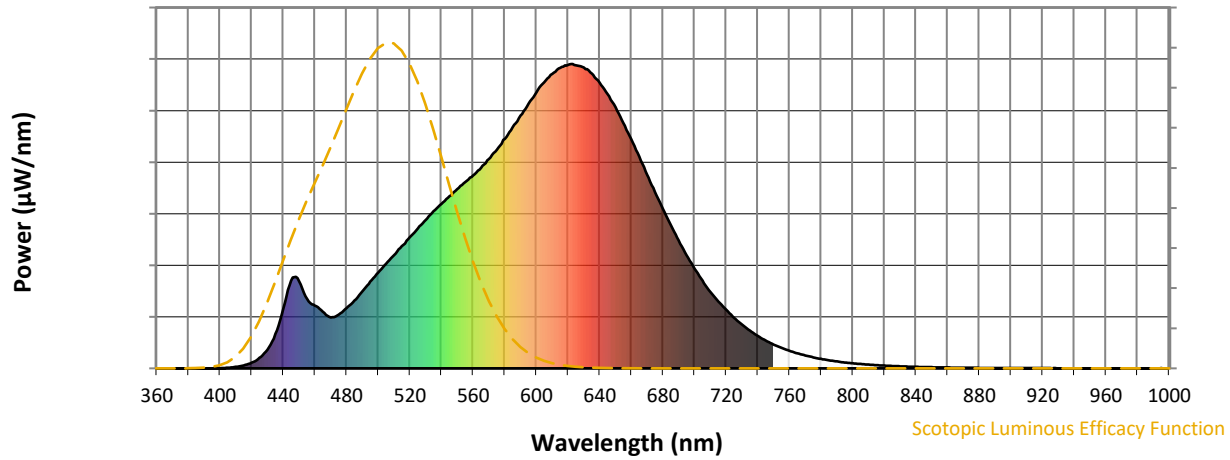


Photopic Lumens: NR

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



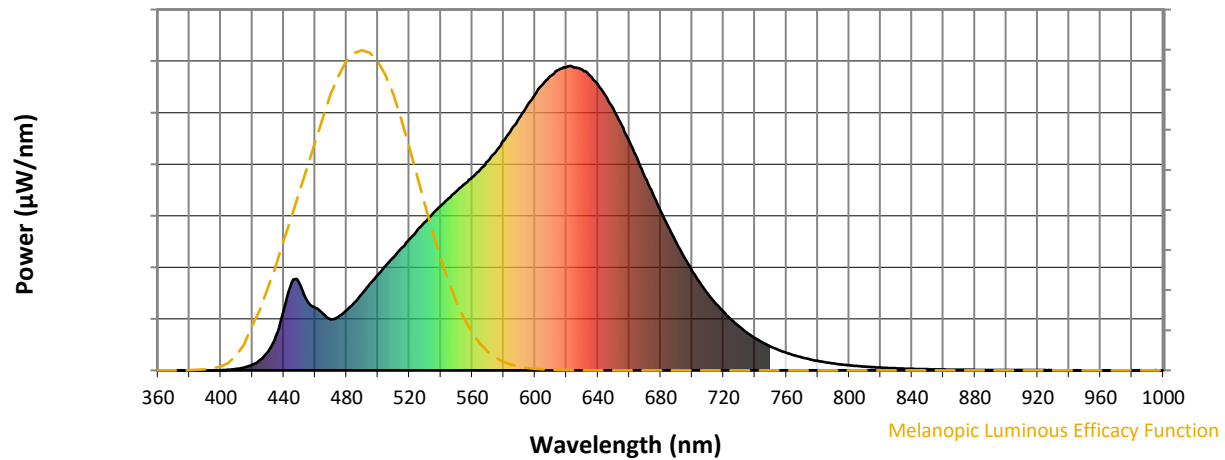
Scotopic Lumens: NR

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

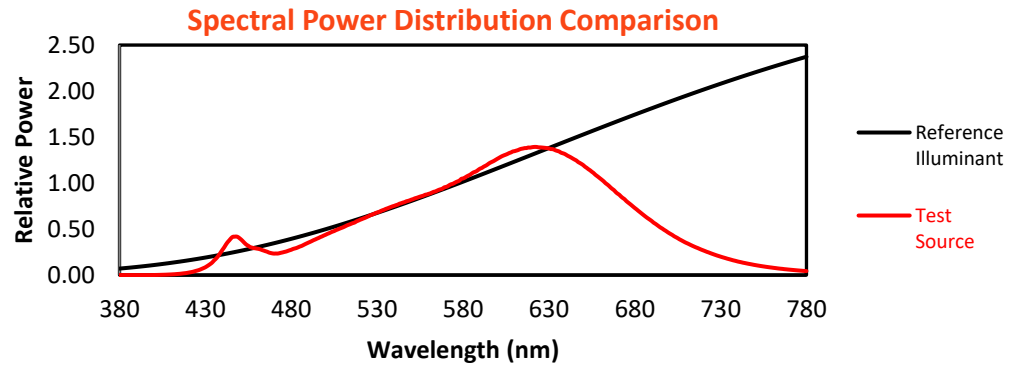
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	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			

REPORT NUMBER: SP1-2407-184-13

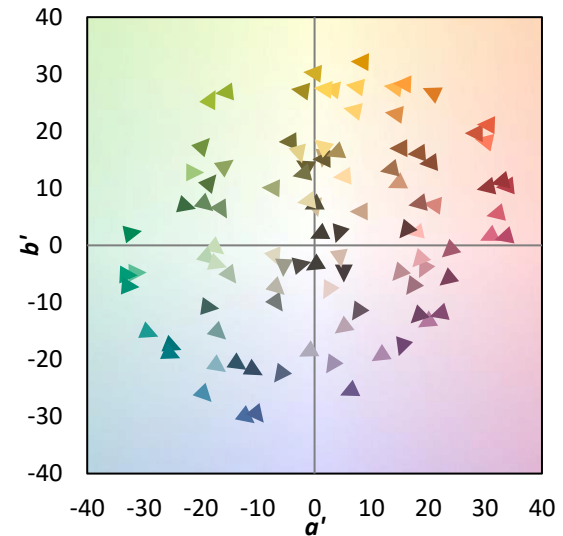
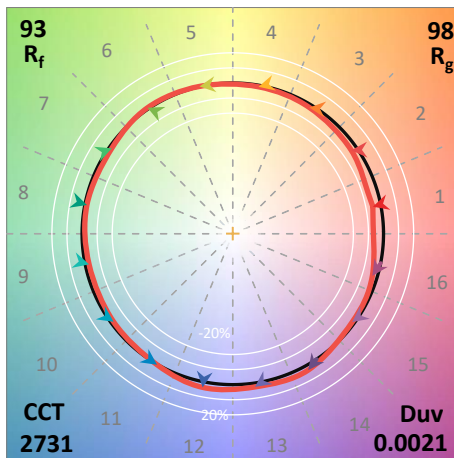
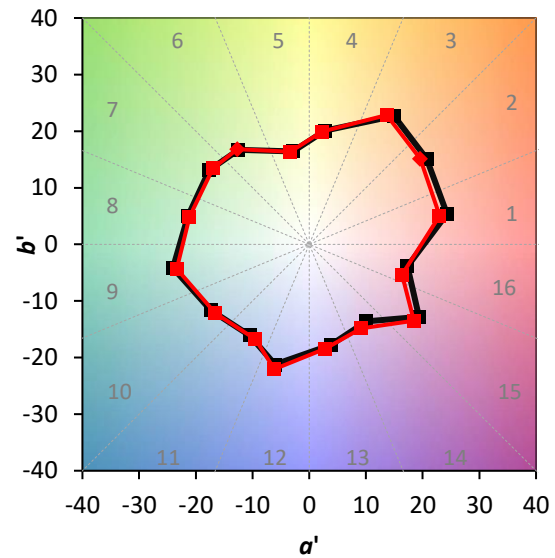
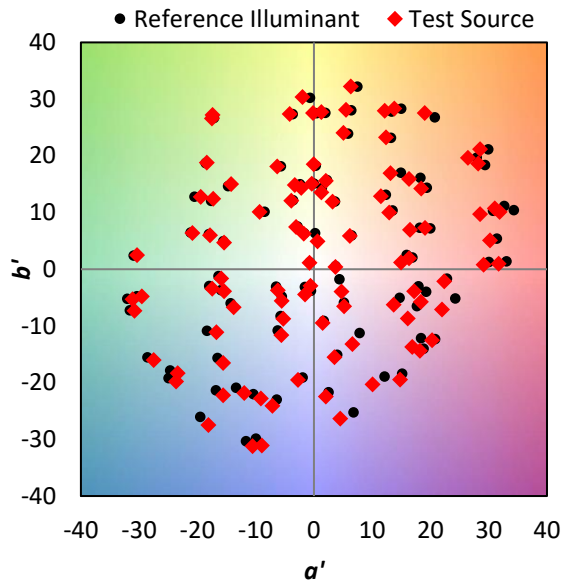
TM-30-18

Summary

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

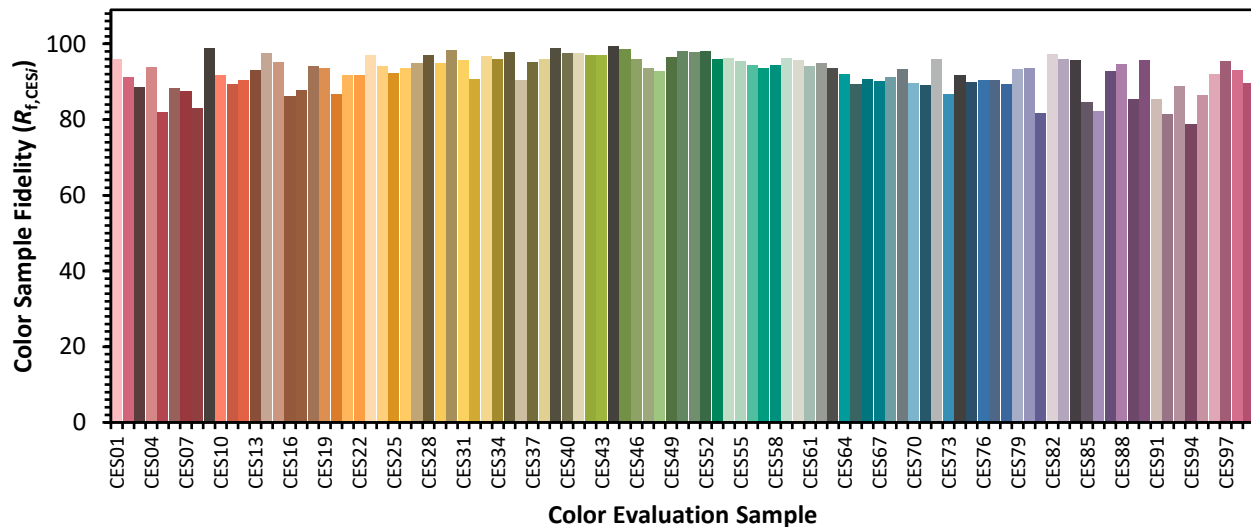


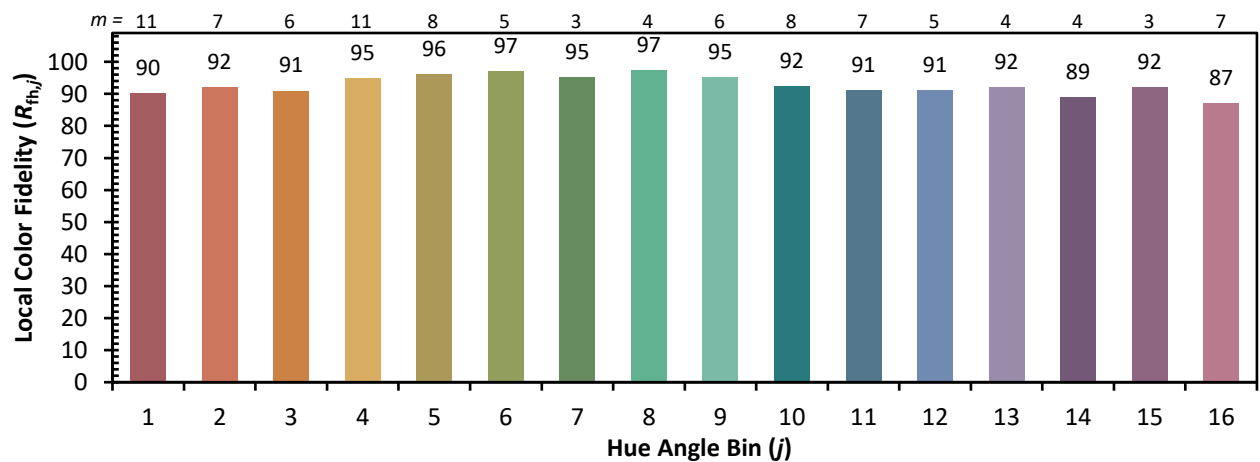
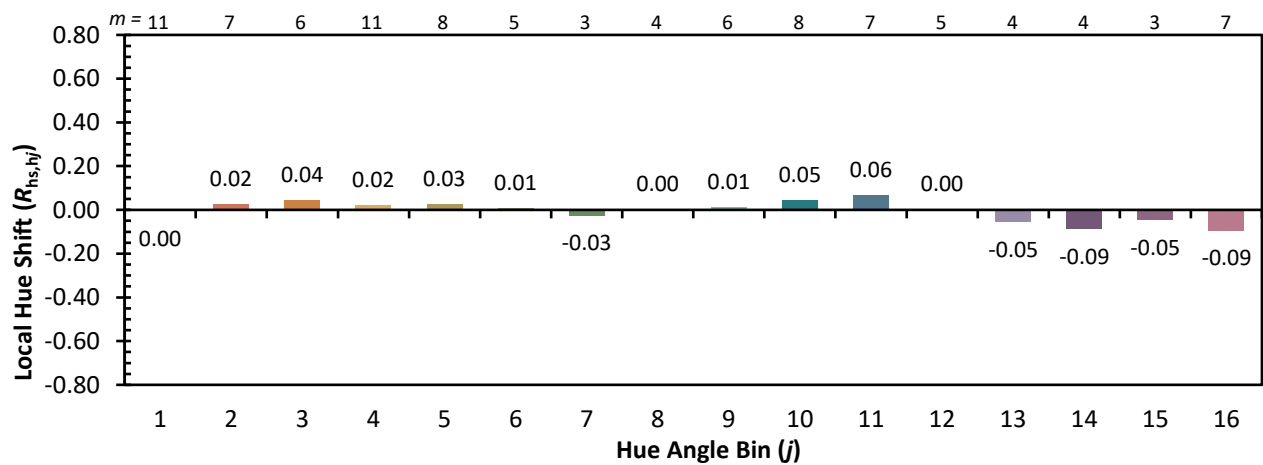
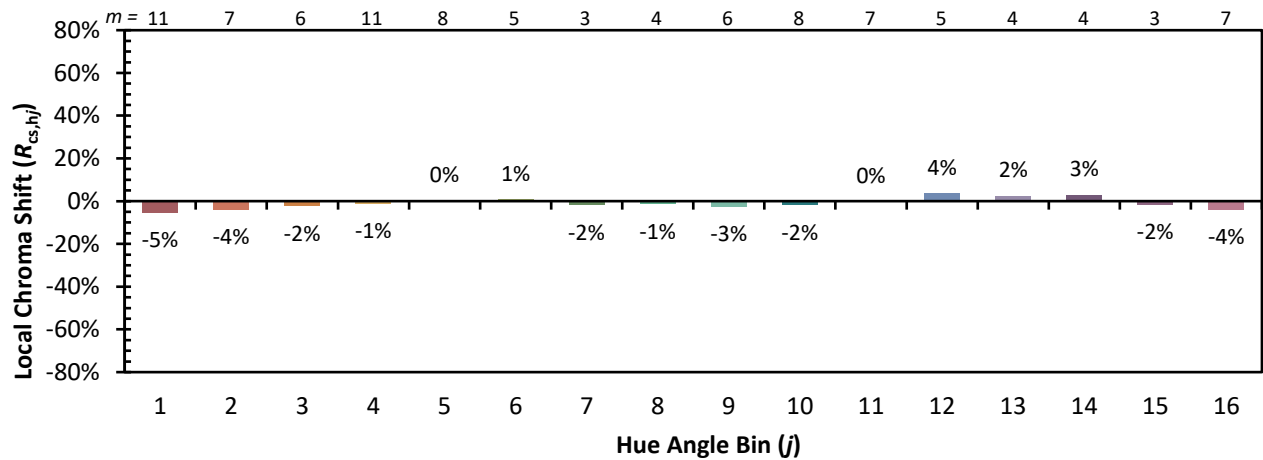
Color Vector Graphics

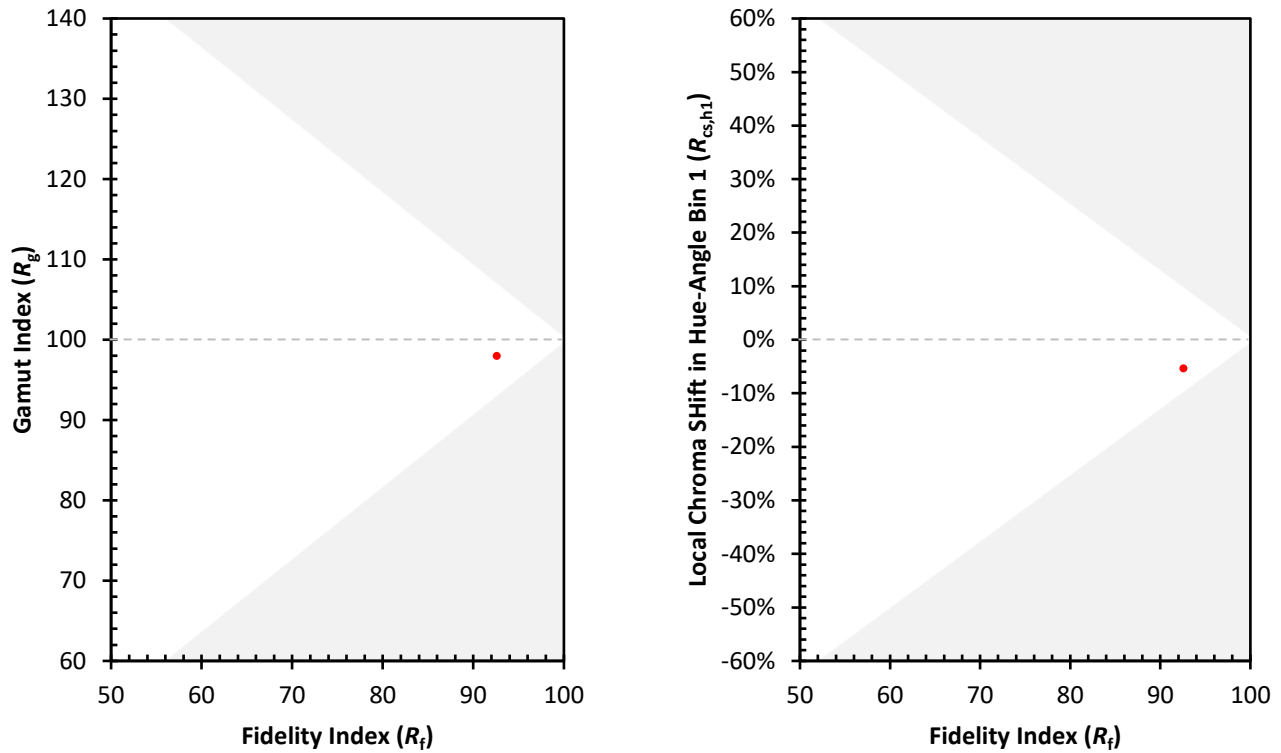


Individual Sample Fidelity Index ($R_{f,i}$)

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)