

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: P1048698

Luminaire Tested: **GALN-SA8B-927-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048698
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-927-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22643.8 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.8
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

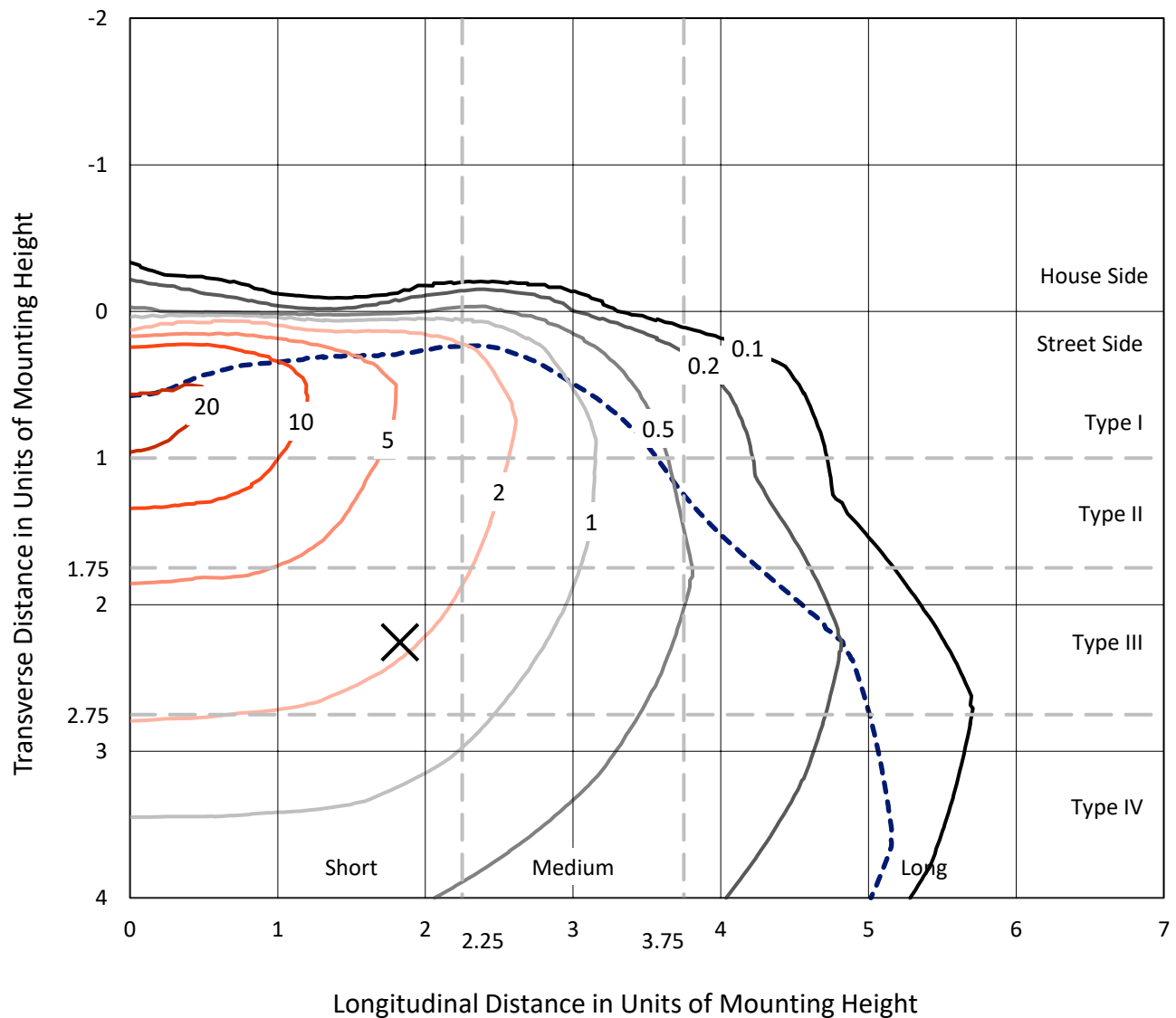


REPORT NUMBER: P1048698

CATALOG NUMBER: GALN-SA8B-927-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

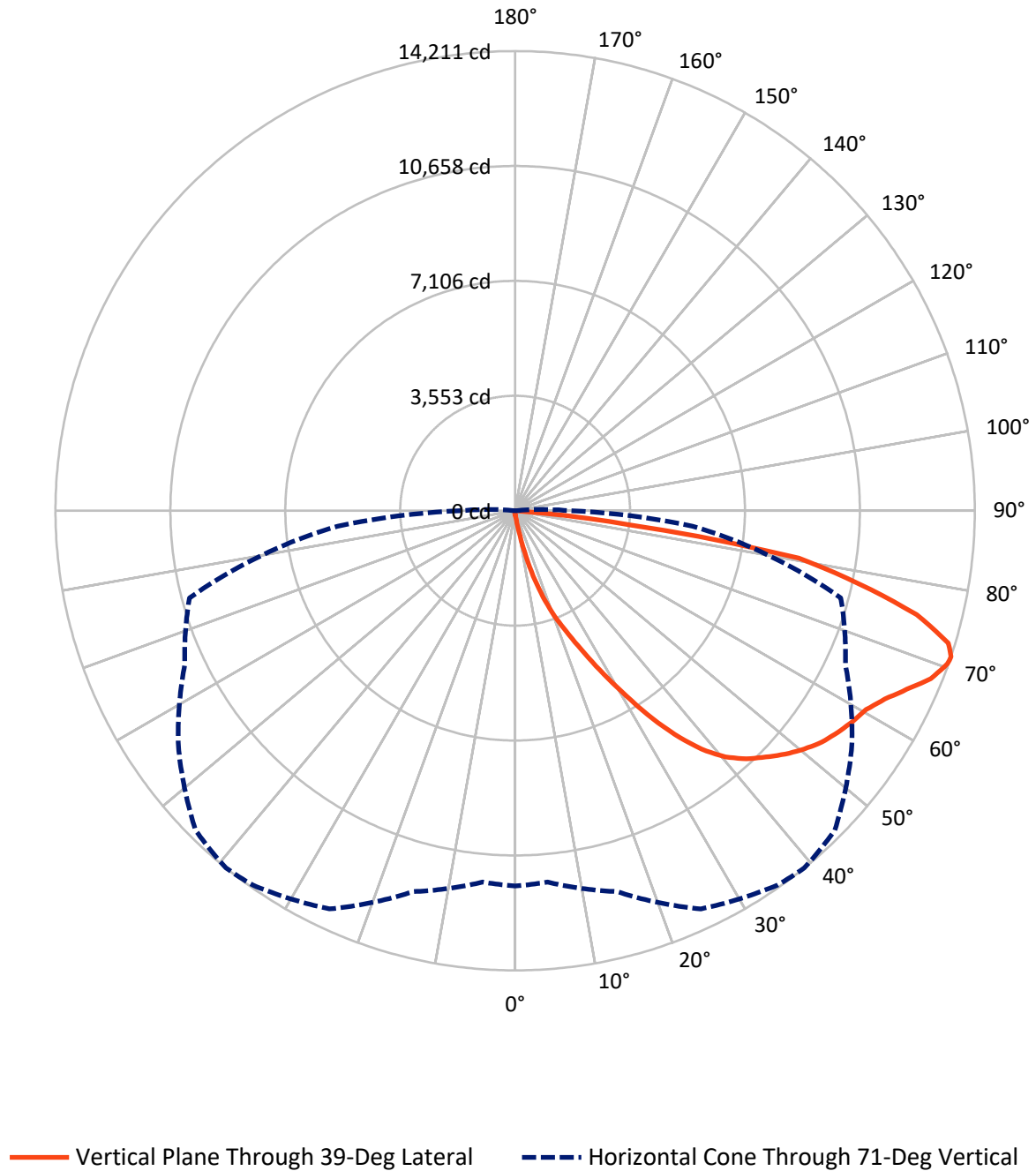


Based on 15 foot mounting height. Maximum calculated value = 23.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048698

CATALOG NUMBER: GALN-SA8B-927-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048698

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.5	0.0	80.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22563.4	0.0	22563.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	22643.8	0.0	22643.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	0.1
10°-20°	242.0	1.1
20°-30°	861.9	3.8
30°-40°	2077.2	9.2
40°-50°	3476.4	15.4
50°-60°	4465.0	19.7
60°-70°	5650.5	25.0
70°-80°	5037.6	22.2
80°-90°	814.3	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°	22643.8	100.0
0°-180°	22643.8	100.0



REPORT NUMBER: P1048698

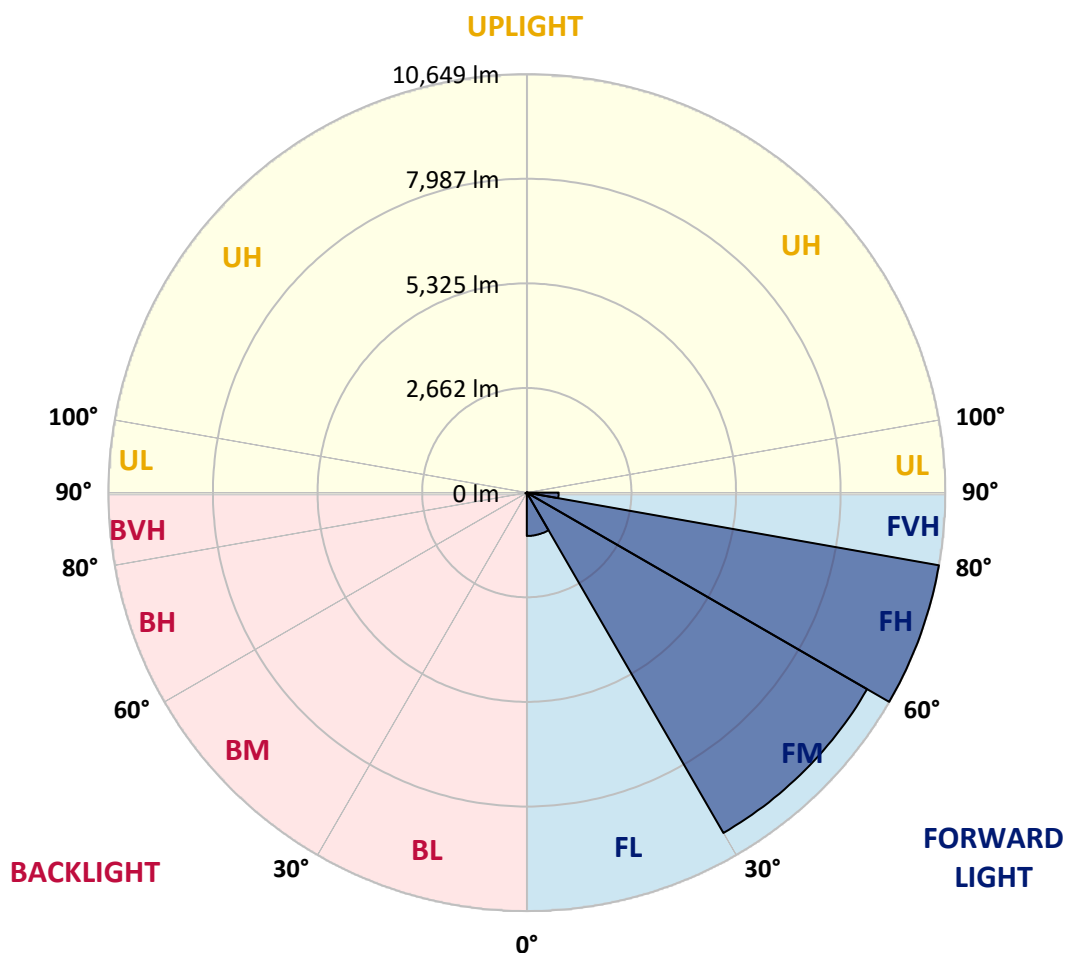
CATALOG NUMBER: GALN-SA8B-927-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1103.4	4.9			
FM	(30°-60°)	10000.0	44.2			
FH	(60°-80°)	10649.4	47.0			G4/12000
FVH	(80°-90°)	810.6	3.6			G5
BL	(0°-30°)	19.5	0.1	B0/110		
BM	(30°-60°)	18.6	0.1	B0/220		
BH	(60°-80°)	38.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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-G5

Type IV Short



REPORT NUMBER: P1048698

CATALOG NUMBER: GALN-SA8B-927-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	142.6	142.6	142.6	138.0	138.0	136.4	134.9	134.9	131.8	130.3	127.2
5°	216.1	211.5	200.8	194.7	182.4	174.7	167.1	156.4	145.6	138.0	128.8
7.5°	489.0	499.7	464.5	398.5	331.1	302.0	252.9	203.9	168.6	145.6	130.3
10°	1246.2	1240.1	1120.5	988.7	763.4	672.9	527.3	332.6	217.7	159.4	131.8
12.5°	2120.0	2113.8	1972.8	1793.5	1496.1	1307.5	1031.6	620.8	312.7	180.9	131.8
15°	2854.2	2829.7	2785.2	2607.4	2259.4	2101.6	1736.7	1097.5	505.8	217.7	134.9
17.5°	3340.1	3318.7	3277.3	3212.9	2992.2	2805.1	2512.4	1724.5	818.6	282.0	141.0
20°	3786.2	3770.9	3737.1	3724.9	3582.3	3482.7	3240.5	2444.9	1275.3	383.2	150.2
22.5°	4399.3	4367.1	4380.9	4307.4	4167.9	4048.3	3899.6	3199.1	1833.3	551.8	167.1
25°	5150.4	5135.1	5096.8	5044.7	4851.5	4747.3	4518.9	3910.3	2457.2	772.6	185.5
27.5°	6057.9	6041.0	6031.8	5912.3	5690.0	5576.6	5257.7	4581.7	3159.2	1082.2	210.0
30°	7103.3	7111.0	7051.2	6897.9	6638.8	6479.4	6151.4	5285.3	3878.2	1445.5	236.1
32.5°	8185.5	8170.2	8078.2	7897.3	7665.9	7517.2	7100.2	6056.4	4632.3	1925.3	266.7
35°	9352.0	9322.9	9080.7	8873.8	8676.0	8489.0	8108.9	6951.6	5386.5	2463.3	308.1
37.5°	10529.3	10392.8	9906.9	9644.8	9508.4	9355.1	9001.0	7906.5	6136.1	3064.2	358.7
40°	11418.3	11312.6	10736.2	10253.3	10144.5	10014.2	9750.6	8731.2	6933.2	3709.5	420.0
42.5°	11910.4	11852.1	11334.0	10857.3	10601.3	10486.3	10261.0	9451.7	7721.1	4422.3	508.9
45°	12120.4	12029.9	11683.5	11461.2	11053.5	10863.4	10595.2	9995.8	8544.2	5231.7	633.1
47.5°	12056.0	12003.9	11755.6	11836.8	11541.0	11245.1	10851.2	10412.8	9247.8	6160.6	803.2
50°	11651.3	11606.9	11530.2	11970.2	11933.4	11583.9	11182.3	10742.3	9822.6	7118.6	1066.9
52.5°	10881.8	10863.4	11059.6	11865.9	12155.6	11882.8	11501.1	11033.6	10359.1	8119.6	1444.0
55°	9890.1	9965.2	10526.2	11703.4	12269.1	12103.5	11783.1	11306.4	10789.9	9014.8	2000.4
57.5°	9482.3	9502.2	10202.8	11588.5	12319.7	12298.2	12057.5	11567.0	11185.3	9730.6	2849.6
60°	9959.0	9928.4	10297.8	11675.8	12420.8	12472.9	12301.3	11809.2	11528.7	10345.3	3980.9
62.5°	10820.5	10803.6	10921.7	12048.3	12716.7	12822.4	12640.0	11984.0	11832.2	10750.0	5271.5
65°	11590.0	11554.8	11774.0	12709.0	13236.3	13311.4	13152.0	12282.9	11965.6	11044.3	6484.0
67.5°	11922.6	11915.0	12267.5	13337.5	13782.0	13863.2	13723.8	12695.2	11934.9	11137.8	7019.0
70°	11770.9	11741.8	12305.9	13604.2	14090.1	14182.1	14047.2	12848.5	11602.3	10842.0	6226.5
71°	11603.8	11525.6	12190.9	13585.8	14133.0	14211.2	13975.1	12709.0	11268.1	10422.0	5507.6
72.5°	11085.7	11099.5	11875.1	13394.2	14030.3	14007.3	13567.4	12209.3	10865.0	9468.5	4423.9
75°	9810.3	9891.6	10852.7	12589.4	13113.7	12820.9	12148.0	11254.3	10055.6	6789.1	3071.9
77.5°	8016.9	8138.0	9194.1	11041.2	10892.6	10863.4	10835.8	9916.1	8587.1	3646.7	2136.8
80°	3827.6	4089.7	5545.9	7882.0	8562.6	8892.2	8685.2	7990.8	6640.4	1736.7	1276.9
82.5°	249.9	246.8	349.5	662.2	2791.4	3608.4	5732.9	5711.5	4629.3	846.1	521.2
85°	118.0	121.1	133.4	151.8	176.3	193.1	266.7	1563.5	2215.0	403.1	113.4
87.5°	69.0	70.5	82.8	105.8	138.0	153.3	182.4	234.5	288.2	222.3	24.5
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: P1048698

CATALOG NUMBER: GALN-SA8B-927-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	125.7	124.2	119.6	115.0	110.4	107.3	105.8	107.3	107.3	108.8	108.8
5°	125.7	121.1	113.4	104.2	98.1	92.0	88.9	87.4	88.9	88.9	88.9
7.5°	124.2	116.5	105.8	95.0	87.4	79.7	76.6	75.1	75.1	76.6	76.6
10°	121.1	113.4	99.6	87.4	78.2	69.0	64.4	59.8	59.8	59.8	61.3
12.5°	119.6	108.8	92.0	79.7	67.4	56.7	47.5	42.9	44.5	44.5	44.5
15°	116.5	104.2	87.4	72.0	56.7	42.9	35.3	30.7	32.2	33.7	32.2
17.5°	116.5	102.7	81.2	62.8	44.5	32.2	26.1	23.0	23.0	24.5	24.5
20°	116.5	99.6	76.6	53.7	33.7	24.5	18.4	16.9	16.9	19.9	21.5
22.5°	119.6	99.6	70.5	44.5	27.6	18.4	13.8	12.3	13.8	16.9	18.4
25°	124.2	98.1	64.4	39.9	23.0	13.8	10.7	7.7	9.2	12.3	13.8
27.5°	128.8	96.6	58.2	35.3	18.4	10.7	7.7	6.1	4.6	6.1	6.1
30°	133.4	96.6	52.1	29.1	15.3	7.7	4.6	3.1	1.5	0.0	0.0
32.5°	136.4	93.5	47.5	23.0	12.3	6.1	3.1	1.5	0.0	0.0	0.0
35°	139.5	90.4	41.4	18.4	9.2	4.6	1.5	0.0	0.0	0.0	0.0
37.5°	142.6	85.8	35.3	15.3	7.7	3.1	0.0	0.0	0.0	0.0	0.0
40°	145.6	79.7	29.1	13.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.7	75.1	24.5	10.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	156.4	72.0	19.9	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	170.1	69.0	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	190.1	65.9	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	217.7	64.4	15.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	266.7	62.8	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	351.0	61.3	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	538.0	58.2	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	961.1	56.7	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1675.4	58.2	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2402.0	61.3	10.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	2055.6	53.7	10.7	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
71°	1675.4	47.5	10.7	6.1	3.1	1.5	1.5	0.0	0.0	0.0	0.0
72.5°	1077.6	36.8	9.2	6.1	3.1	3.1	1.5	0.0	0.0	0.0	0.0
75°	455.3	30.7	9.2	6.1	4.6	3.1	3.1	1.5	0.0	0.0	0.0
77.5°	194.7	23.0	9.2	7.7	6.1	4.6	4.6	3.1	1.5	0.0	0.0
80°	73.6	18.4	10.7	9.2	7.7	7.7	6.1	3.1	1.5	0.0	0.0
82.5°	33.7	15.3	10.7	9.2	9.2	7.7	6.1	4.6	3.1	0.0	0.0
85°	21.5	13.8	10.7	9.2	9.2	7.7	7.7	4.6	3.1	0.0	0.0
87.5°	16.9	13.8	10.7	10.7	9.2	9.2	6.1	4.6	1.5	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

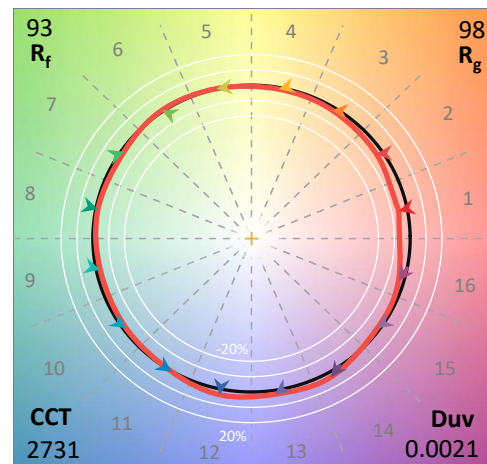
Test Information

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

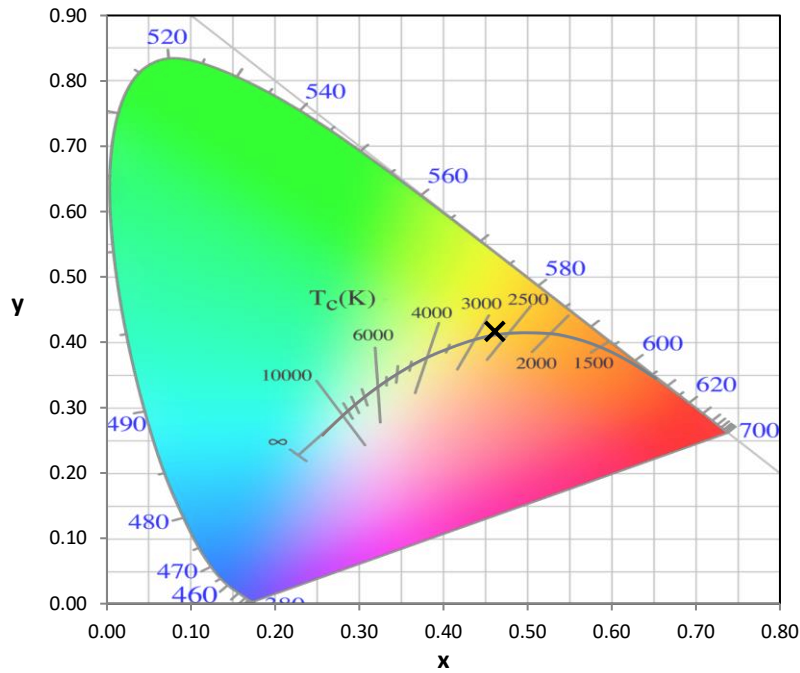
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

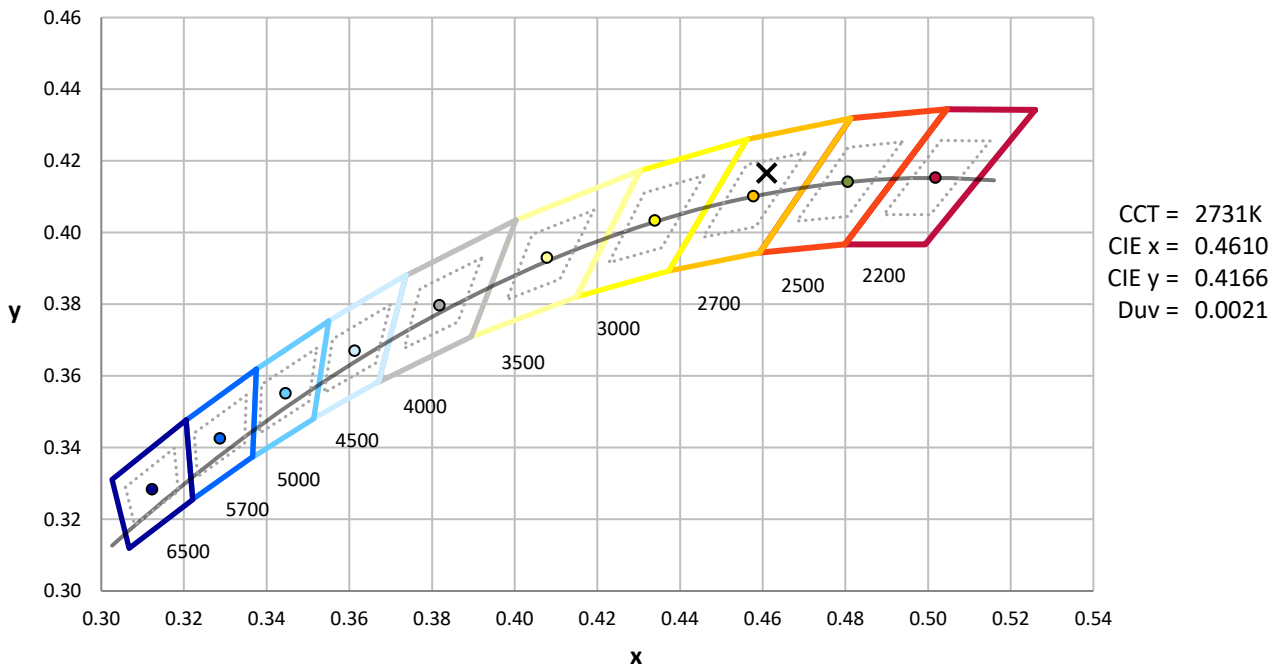
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



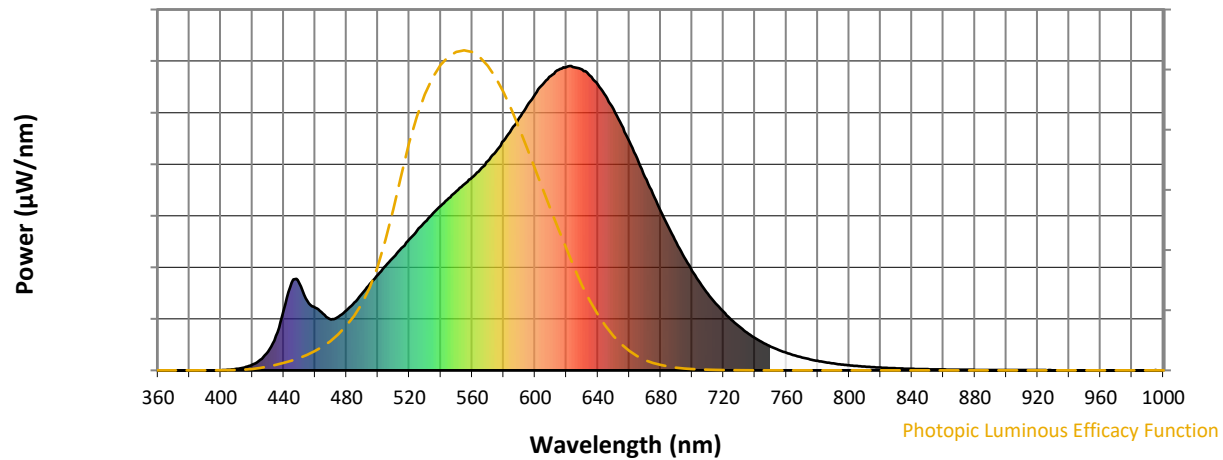
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

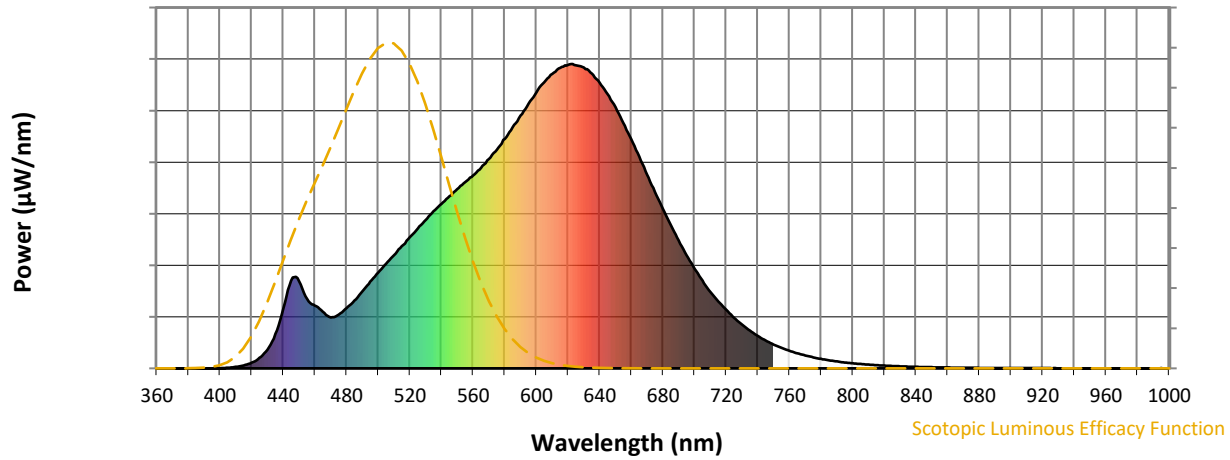


Photopic Lumens: NR

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



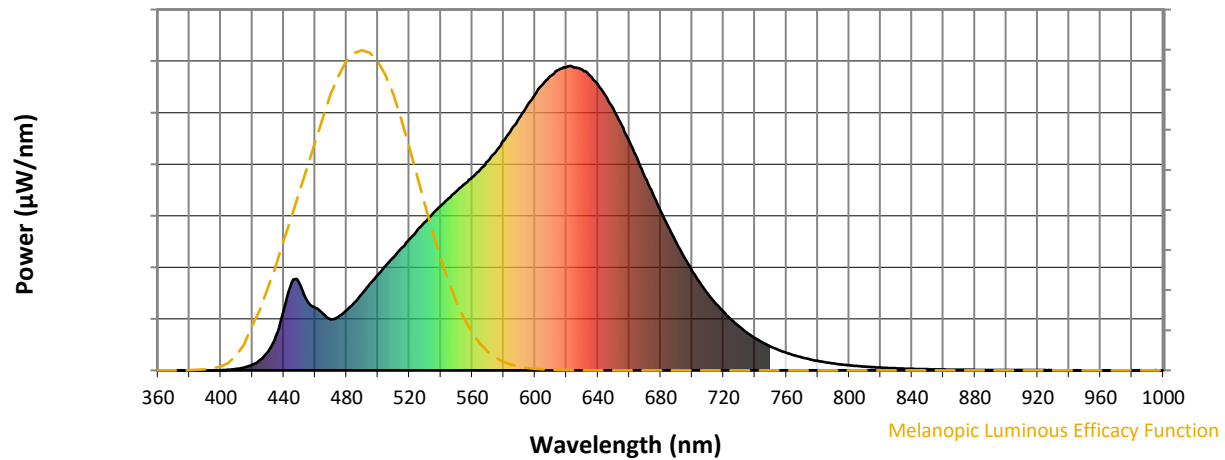
Scotopic Lumens: NR

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

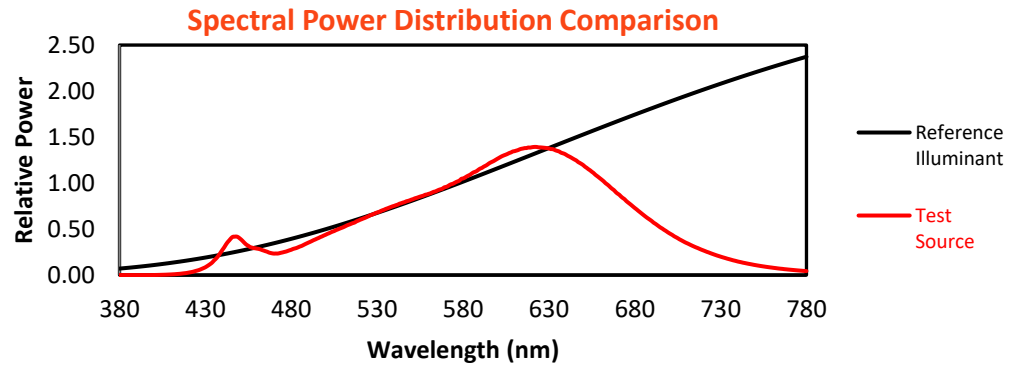
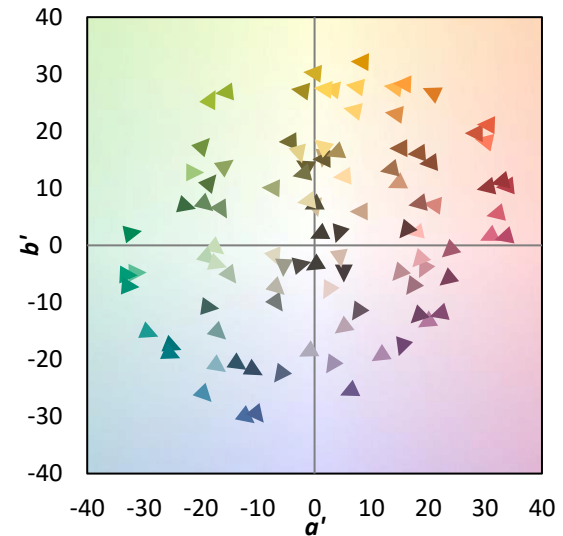
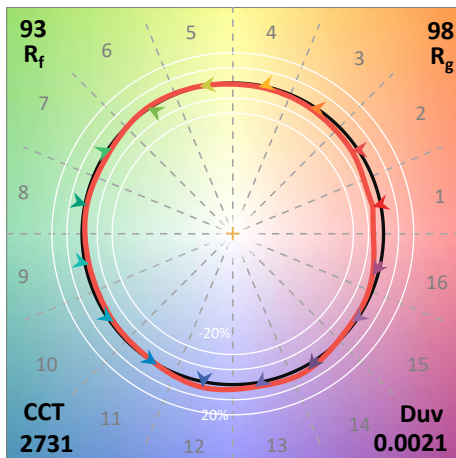
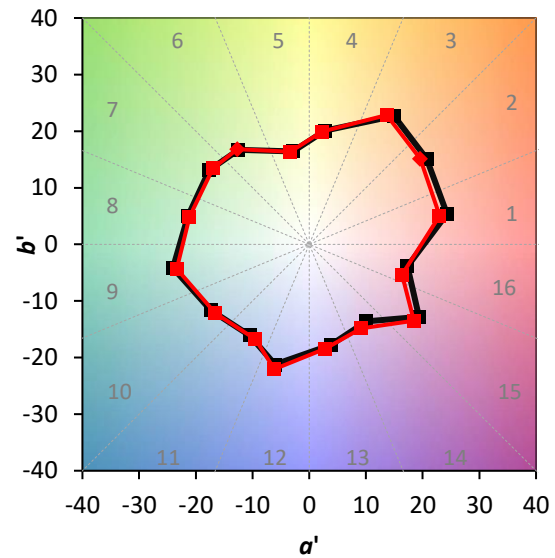
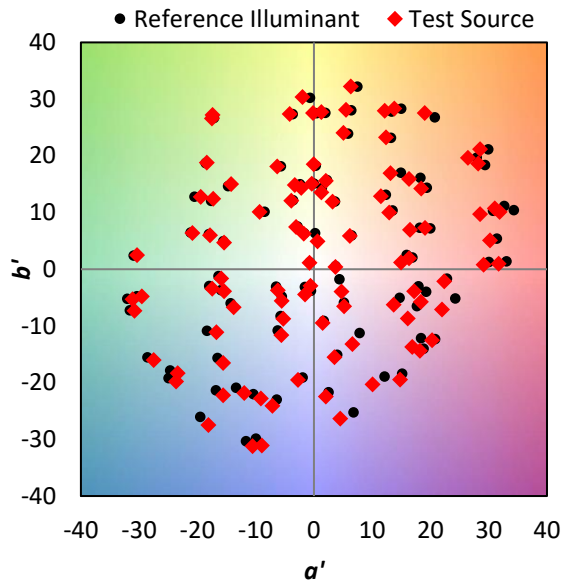


Melanopic Lumens: NR

M/P: 2.38

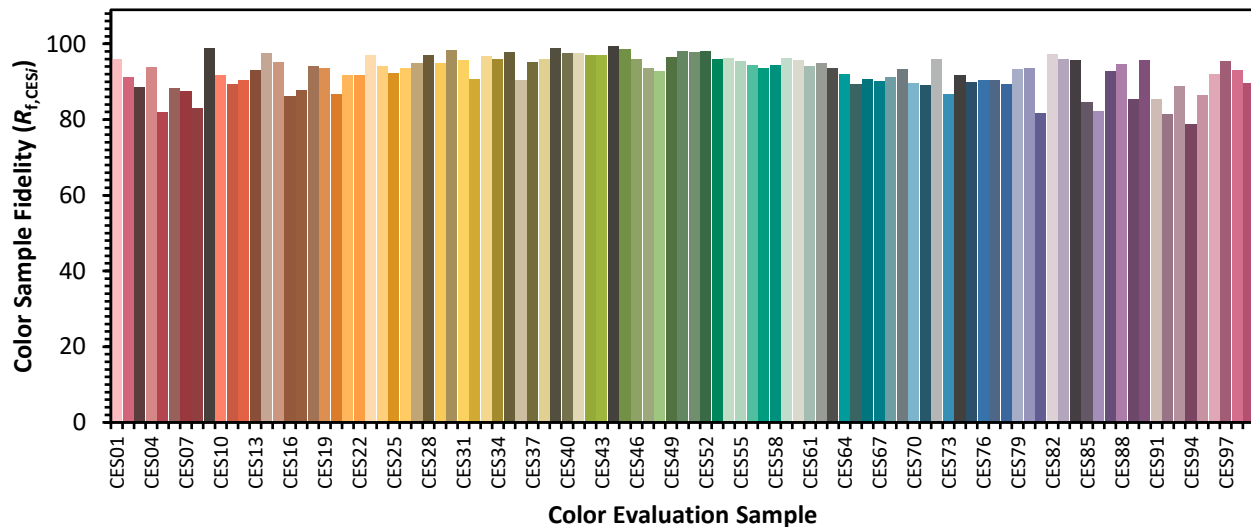
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314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

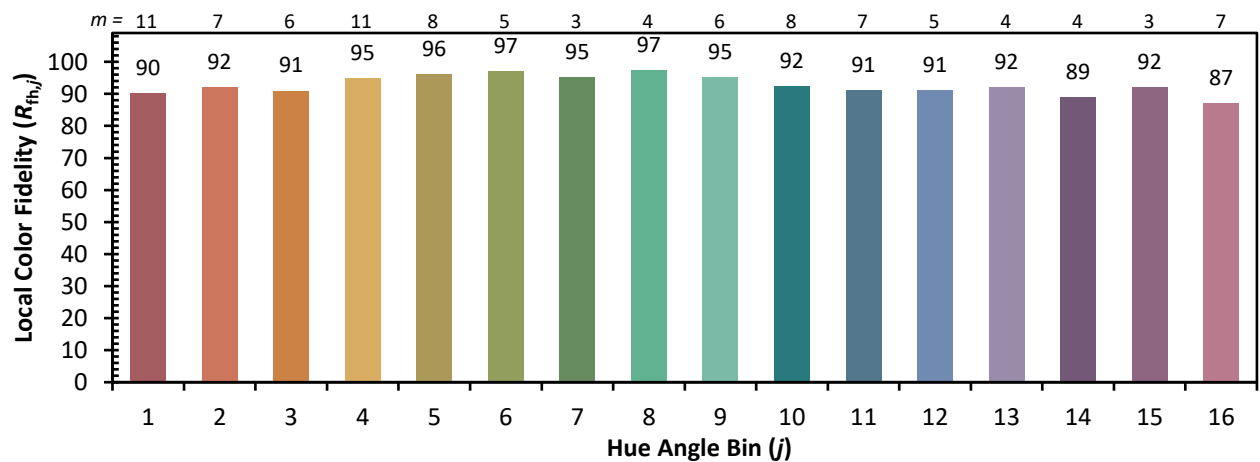
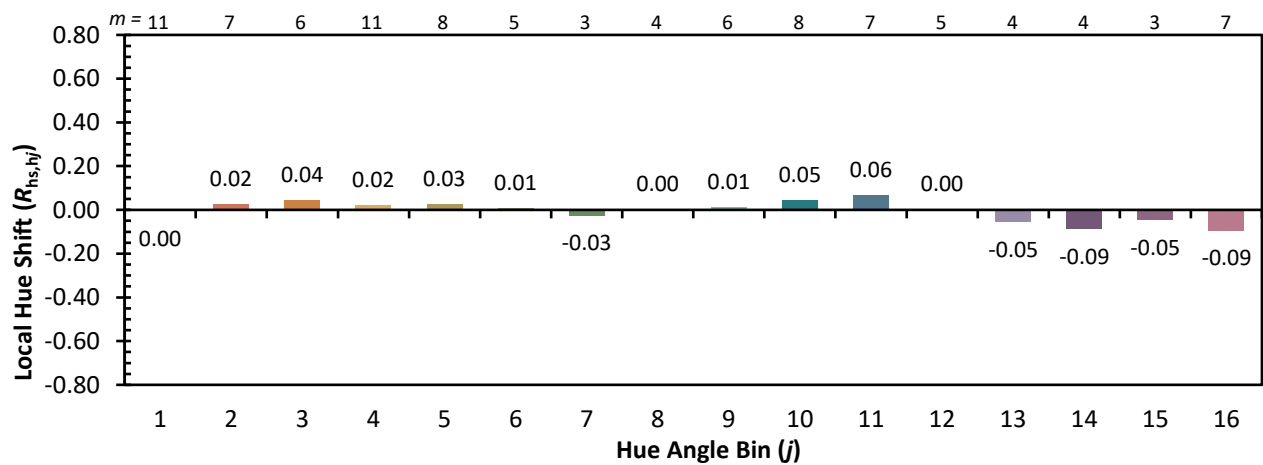
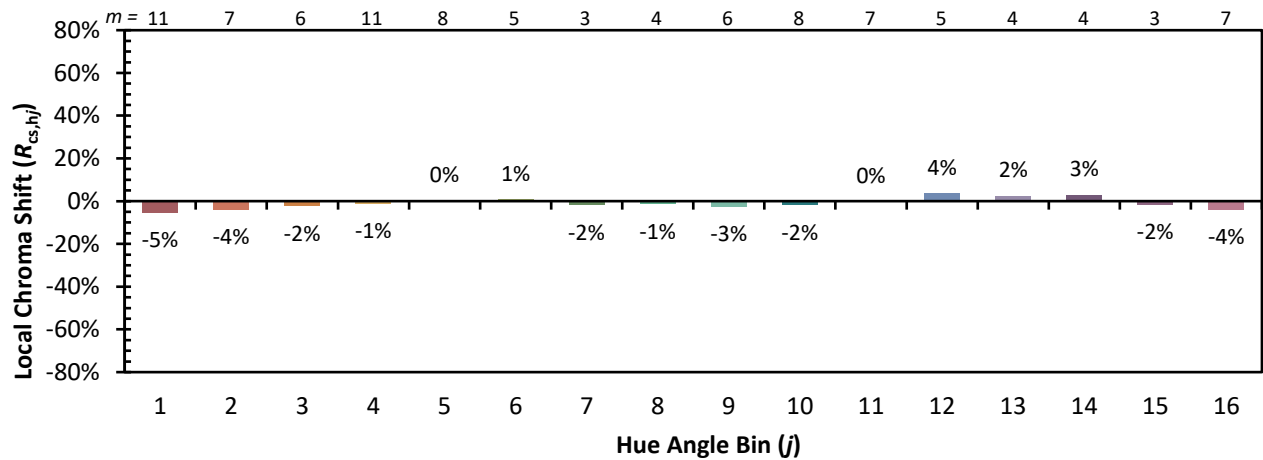
REPORT NUMBER: SP1-2407-184-13

TM-30-18
Summary
 $R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

Color Vector Graphics


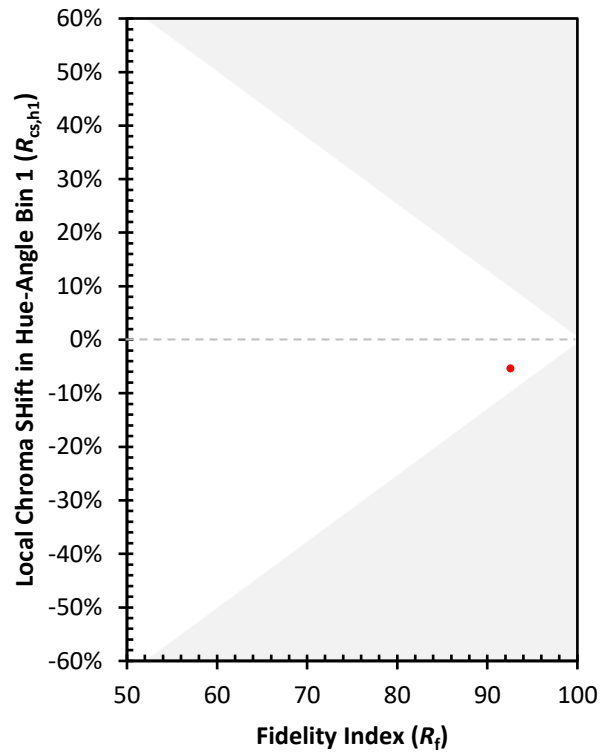
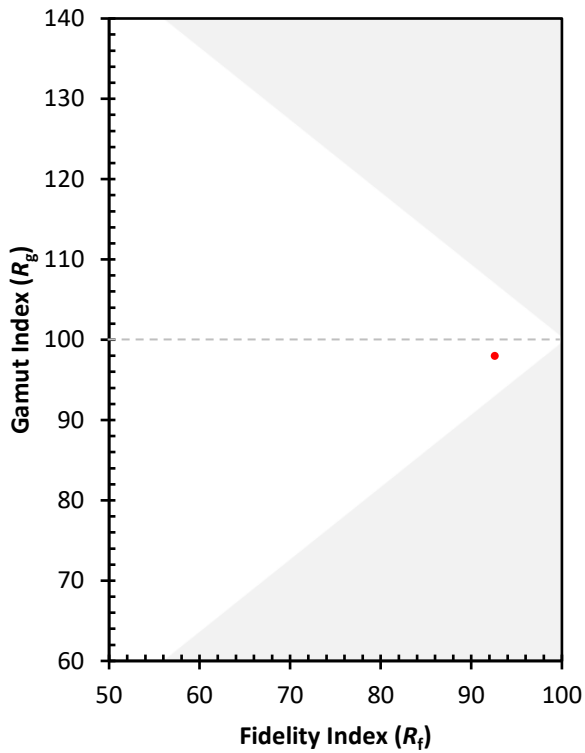
Individual Sample Fidelity Index ($R_{f,i}$)

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)