

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: P1048699

Luminaire Tested: **GALN-SA8C-927-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048699
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-927-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 27944.5 lumens
Efficiency: N/A
Efficacy: 74.9 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): 372.9
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

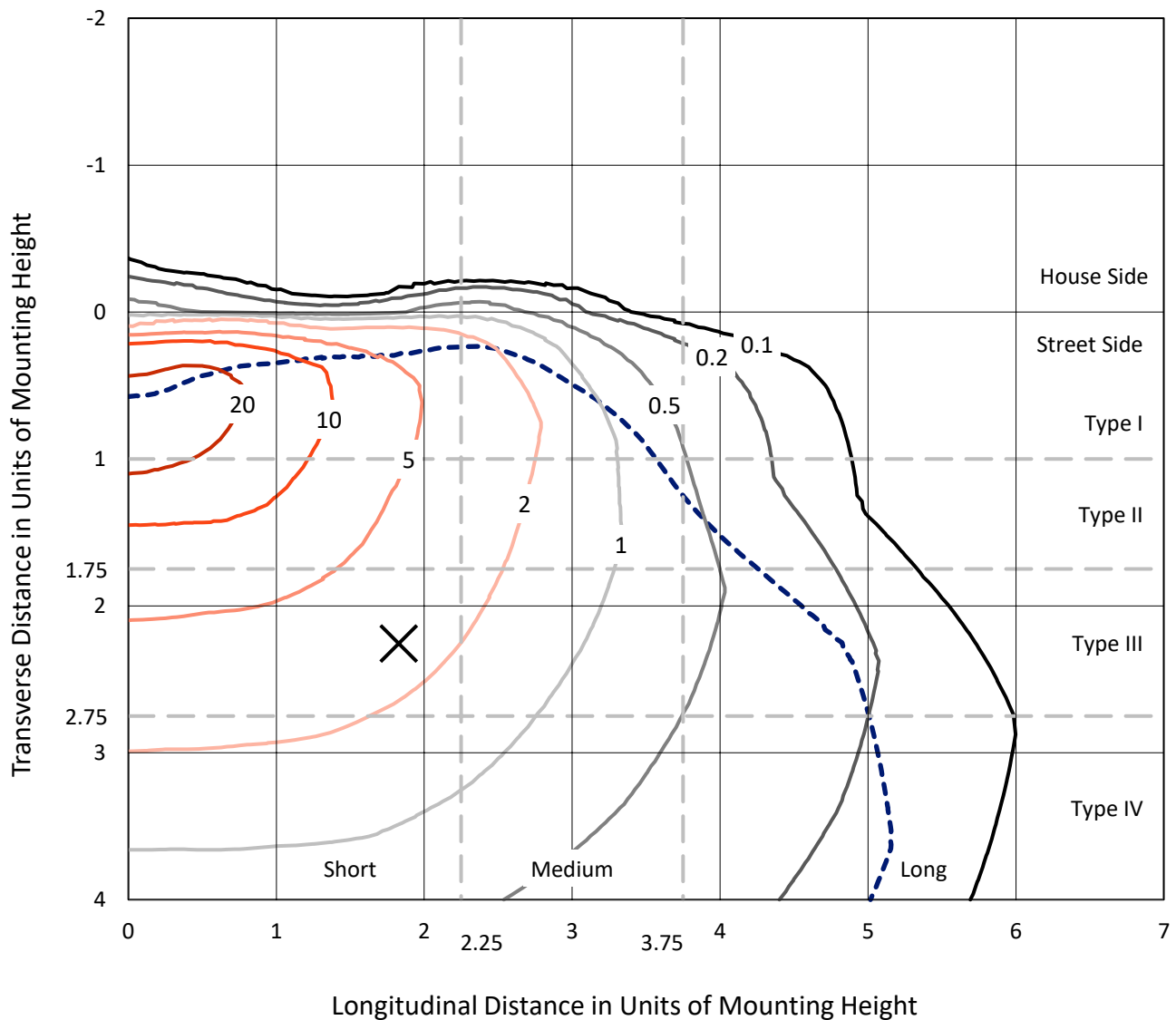


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

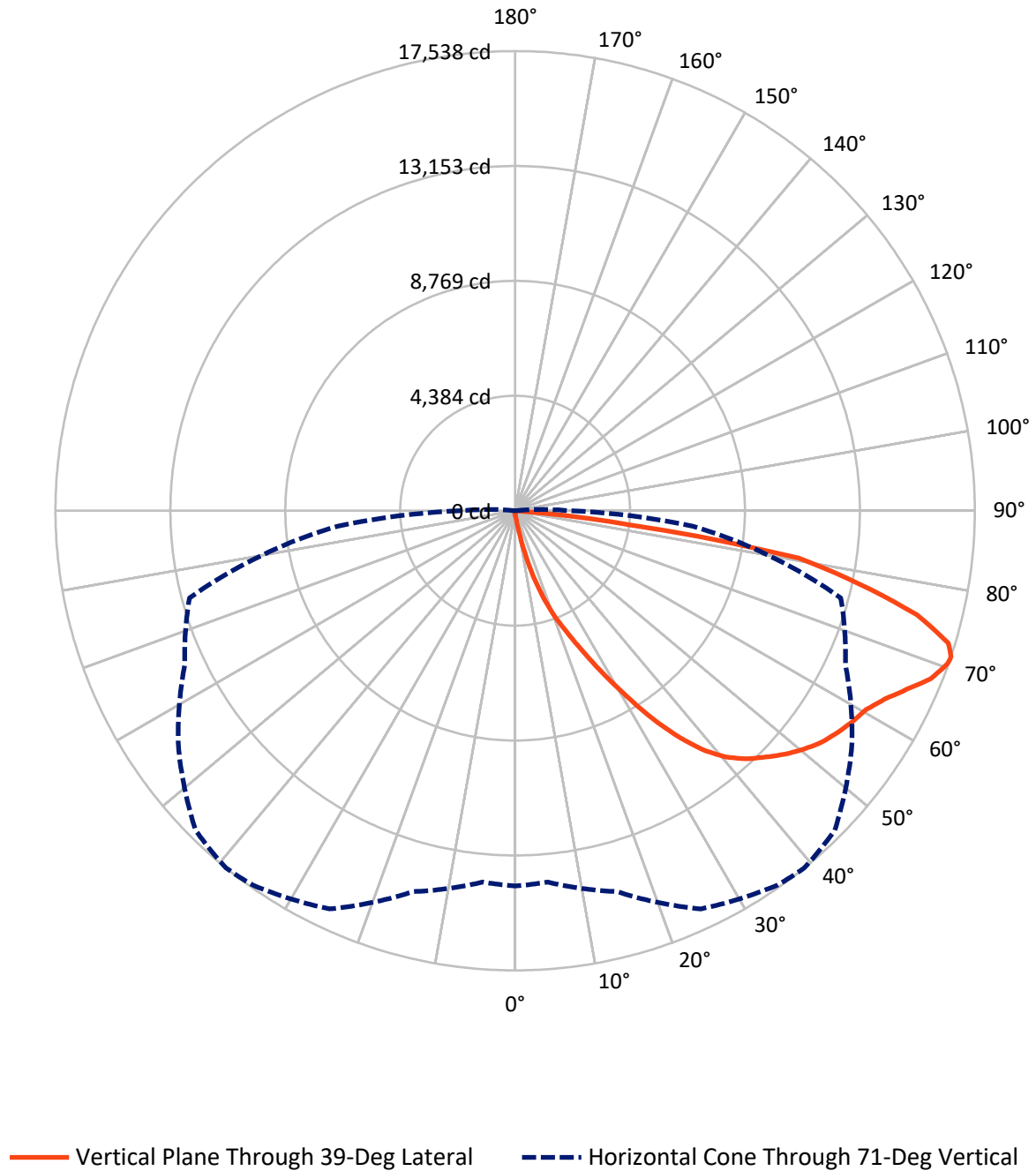


Based on 15 foot mounting height. Maximum calculated value = 28.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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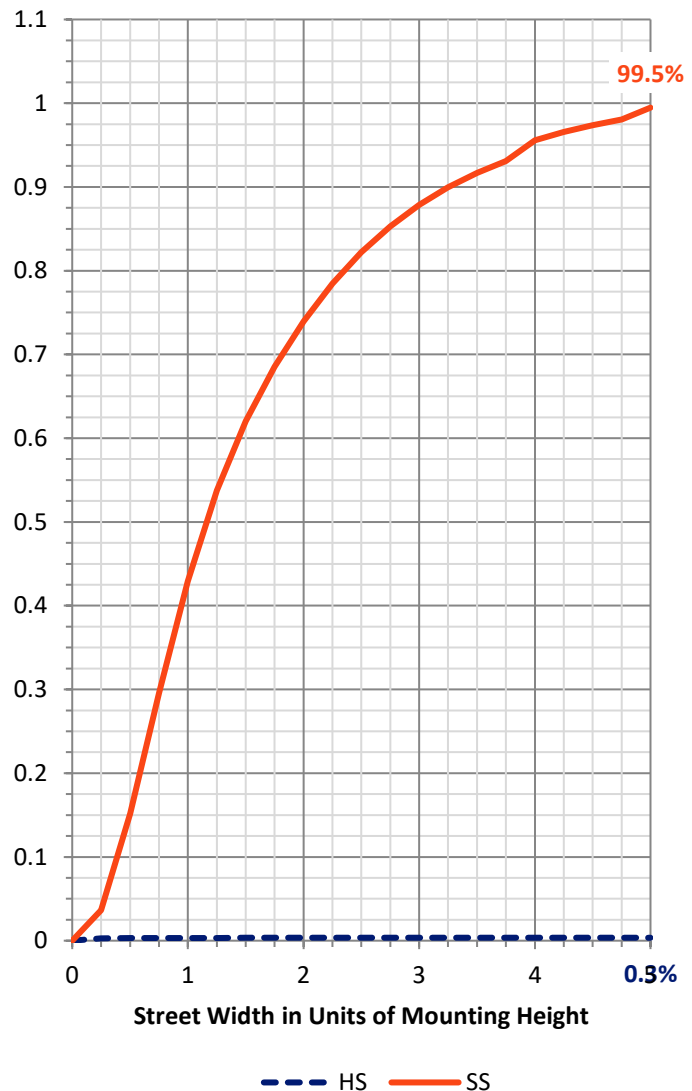
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.3	0.0	99.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27845.2	0.0	27845.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	27944.5	0.0	27944.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.4	0.1
10°-20°	298.7	1.1
20°-30°	1063.6	3.8
30°-40°	2563.5	9.2
40°-50°	4290.2	15.4
50°-60°	5510.2	19.7
60°-70°	6973.2	25.0
70°-80°	6216.9	22.2
80°-90°	1004.9	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°	27944.5	100.0
0°-180°	27944.5	100.0



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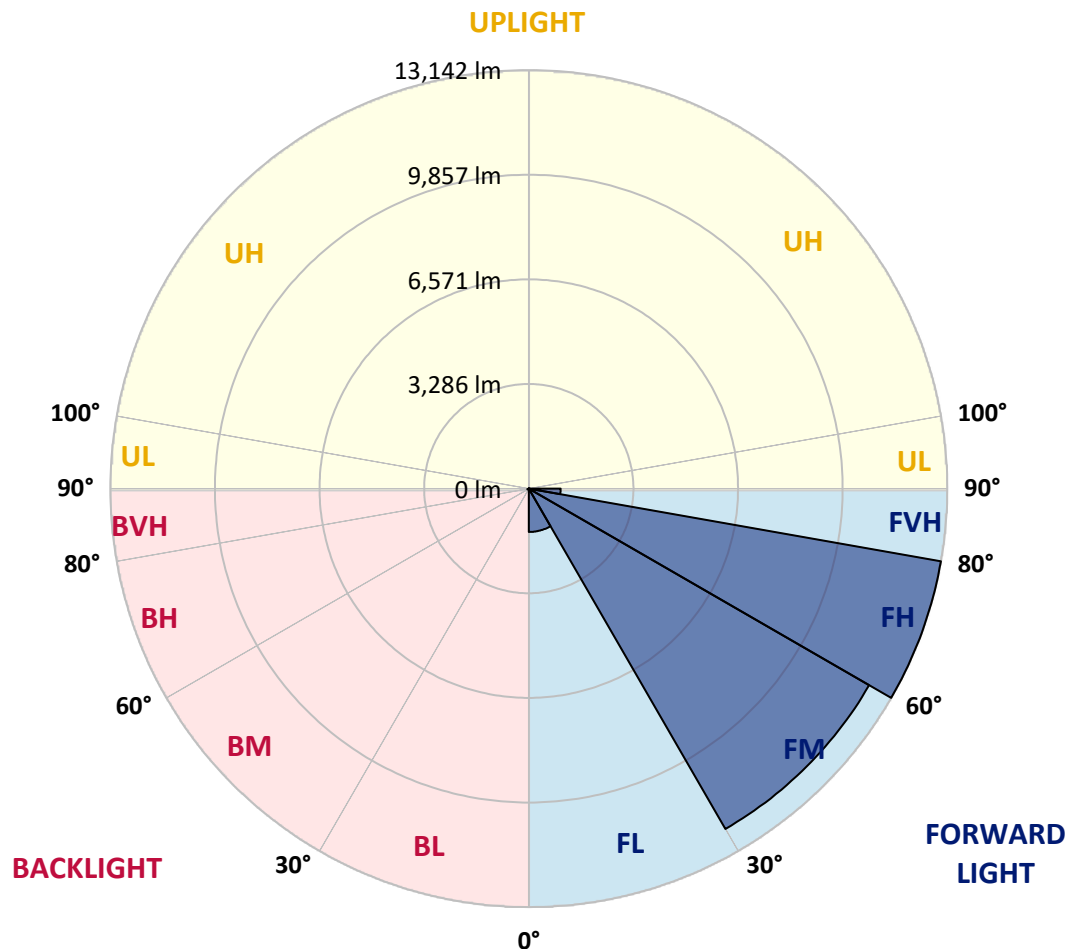
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1361.7	4.9			
FM	(30°-60°)	12340.9	44.2			
FH	(60°-80°)	13142.3	47.0			G5
FVH	(80°-90°)	1000.4	3.6			G5
BL	(0°-30°)	24.0	0.1	B0/110		
BM	(30°-60°)	23.0	0.1	B0/220		
BH	(60°-80°)	47.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2
2.5°	175.9	175.9	175.9	170.3	170.3	168.4	166.5	166.5	162.7	160.8	157.0
5°	266.7	261.1	247.8	240.2	225.1	215.7	206.2	193.0	179.7	170.3	158.9
7.5°	603.5	616.7	573.2	491.8	408.6	372.7	312.1	251.6	208.1	179.7	160.8
10°	1537.9	1530.4	1382.8	1220.1	942.1	830.5	650.7	410.5	268.6	196.7	162.7
12.5°	2616.2	2608.6	2434.6	2213.3	1846.3	1613.6	1273.1	766.1	385.9	223.2	162.7
15°	3522.3	3492.1	3437.2	3217.8	2788.4	2593.5	2143.3	1354.5	624.3	268.6	166.5
17.5°	4122.0	4095.5	4044.4	3965.0	3692.6	3461.8	3100.5	2128.2	1010.2	348.1	174.0
20°	4672.5	4653.6	4612.0	4596.8	4420.9	4297.9	3999.0	3017.3	1573.9	472.9	185.4
22.5°	5429.2	5389.4	5406.5	5315.7	5143.5	4996.0	4812.5	3948.0	2262.5	681.0	206.2
25°	6356.1	6337.2	6289.9	6225.6	5987.2	5858.6	5576.7	4825.7	3032.4	953.4	228.9
27.5°	7476.0	7455.2	7443.8	7296.3	7022.0	6882.0	6488.5	5654.3	3898.8	1335.5	259.2
30°	8766.1	8775.6	8701.8	8512.6	8192.9	7996.2	7591.4	6522.6	4786.0	1783.9	291.3
32.5°	10101.7	10082.7	9969.2	9746.0	9460.4	9276.9	8762.3	7474.1	5716.7	2376.0	329.2
35°	11541.2	11505.3	11206.4	10951.0	10707.0	10476.2	10007.1	8578.8	6647.4	3040.0	380.2
37.5°	12994.1	12825.7	12226.0	11902.5	11734.2	11545.0	11108.0	9757.4	7572.5	3781.5	442.7
40°	14091.2	13960.7	13249.4	12653.5	12519.2	12358.4	12033.1	10775.1	8556.1	4577.9	518.3
42.5°	14698.5	14626.6	13987.2	13398.9	13083.0	12941.1	12663.0	11664.2	9528.5	5457.5	628.0
45°	14957.6	14846.0	14418.5	14144.2	13641.0	13406.4	13075.4	12335.7	10544.3	6456.4	781.3
47.5°	14878.2	14813.9	14507.4	14607.7	14242.6	13877.5	13391.3	12850.3	11412.6	7602.7	991.2
50°	14378.8	14323.9	14229.3	14772.2	14726.8	14295.5	13799.9	13257.0	12122.0	8785.0	1316.6
52.5°	13429.1	13406.4	13648.6	14643.6	15001.1	14664.4	14193.4	13616.4	12784.1	10020.3	1782.0
55°	12205.2	12297.9	12990.3	14443.1	15141.1	14936.8	14541.5	13953.1	13315.6	11125.1	2468.7
57.5°	11702.0	11726.6	12591.1	14301.2	15203.6	15177.1	14880.1	14274.7	13803.7	12008.5	3516.7
60°	12290.3	12252.5	12708.4	14409.0	15328.4	15392.7	15180.9	14573.6	14227.4	12767.1	4912.7
62.5°	13353.5	13332.7	13478.3	14868.7	15693.5	15824.0	15598.9	14789.3	14602.0	13266.5	6505.5
65°	14303.1	14259.6	14530.1	15684.0	16334.8	16427.5	16230.7	15158.2	14766.6	13629.7	8001.9
67.5°	14713.6	14704.1	15139.2	16459.6	17008.2	17108.5	16936.3	15667.0	14728.7	13745.1	8662.1
70°	14526.3	14490.4	15186.5	16788.8	17388.5	17502.0	17335.5	15856.2	14318.2	13380.0	7684.1
71°	14320.1	14223.7	15044.7	16766.1	17441.4	17537.9	17246.6	15684.0	13905.9	12861.6	6796.9
72.5°	13680.7	13697.8	14655.0	16529.6	17314.7	17286.3	16743.4	15067.4	13408.3	11685.0	5459.4
75°	12106.8	12207.1	13393.2	15536.5	16183.5	15822.1	14991.7	13888.8	12409.5	8378.3	3791.0
77.5°	9893.6	10043.0	11346.4	13625.9	13442.4	13406.4	13372.4	12237.4	10597.3	4500.3	2637.0
80°	4723.6	5047.0	6844.2	9727.1	10567.0	10973.7	10718.3	9861.4	8194.8	2143.3	1575.8
82.5°	308.3	304.6	431.3	817.2	3444.8	4453.1	7074.9	7048.5	5712.9	1044.2	643.2
85°	145.7	149.4	164.6	187.3	217.5	238.4	329.2	1929.5	2733.5	497.5	140.0
87.5°	85.1	87.0	102.2	130.5	170.3	189.2	225.1	289.4	355.6	274.3	30.3
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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CATALOG NUMBER: GALN-SA8C-927-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2
2.5°	155.1	153.2	147.6	141.9	136.2	132.4	130.5	132.4	132.4	134.3	134.3
5°	155.1	149.4	140.0	128.6	121.1	113.5	109.7	107.8	109.7	109.7	109.7
7.5°	153.2	143.8	130.5	117.3	107.8	98.4	94.6	92.7	92.7	94.6	94.6
10°	149.4	140.0	123.0	107.8	96.5	85.1	79.5	73.8	73.8	73.8	75.7
12.5°	147.6	134.3	113.5	98.4	83.2	70.0	58.6	53.0	54.9	54.9	54.9
15°	143.8	128.6	107.8	88.9	70.0	53.0	43.5	37.8	39.7	41.6	39.7
17.5°	143.8	126.7	100.3	77.6	54.9	39.7	32.2	28.4	28.4	30.3	30.3
20°	143.8	123.0	94.6	66.2	41.6	30.3	22.7	20.8	20.8	24.6	26.5
22.5°	147.6	123.0	87.0	54.9	34.1	22.7	17.0	15.1	17.0	20.8	22.7
25°	153.2	121.1	79.5	49.2	28.4	17.0	13.2	9.5	11.4	15.1	17.0
27.5°	158.9	119.2	71.9	43.5	22.7	13.2	9.5	7.6	5.7	7.6	7.6
30°	164.6	119.2	64.3	35.9	18.9	9.5	5.7	3.8	1.9	0.0	0.0
32.5°	168.4	115.4	58.6	28.4	15.1	7.6	3.8	1.9	0.0	0.0	0.0
35°	172.1	111.6	51.1	22.7	11.4	5.7	1.9	0.0	0.0	0.0	0.0
37.5°	175.9	105.9	43.5	18.9	9.5	3.8	0.0	0.0	0.0	0.0	0.0
40°	179.7	98.4	35.9	17.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	183.5	92.7	30.3	13.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	193.0	88.9	24.6	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	210.0	85.1	22.7	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	234.6	81.3	20.8	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	268.6	79.5	18.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	329.2	77.6	17.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	433.2	75.7	17.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	664.0	71.9	17.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1186.1	70.0	15.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2067.6	71.9	15.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2964.3	75.7	13.2	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2536.8	66.2	13.2	7.6	3.8	1.9	0.0	0.0	0.0	0.0	0.0
71°	2067.6	58.6	13.2	7.6	3.8	1.9	1.9	0.0	0.0	0.0	0.0
72.5°	1329.9	45.4	11.4	7.6	3.8	3.8	1.9	0.0	0.0	0.0	0.0
75°	561.8	37.8	11.4	7.6	5.7	3.8	3.8	1.9	0.0	0.0	0.0
77.5°	240.2	28.4	11.4	9.5	7.6	5.7	5.7	3.8	1.9	0.0	0.0
80°	90.8	22.7	13.2	11.4	9.5	9.5	7.6	3.8	1.9	0.0	0.0
82.5°	41.6	18.9	13.2	11.4	11.4	9.5	7.6	5.7	3.8	0.0	0.0
85°	26.5	17.0	13.2	11.4	11.4	9.5	9.5	5.7	3.8	0.0	0.0
87.5°	20.8	17.0	13.2	13.2	11.4	11.4	7.6	5.7	1.9	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

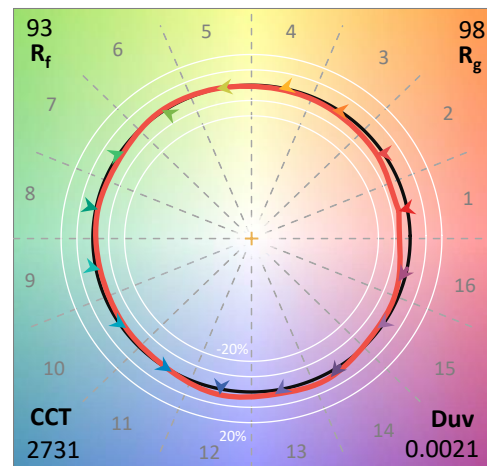
Test Information

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

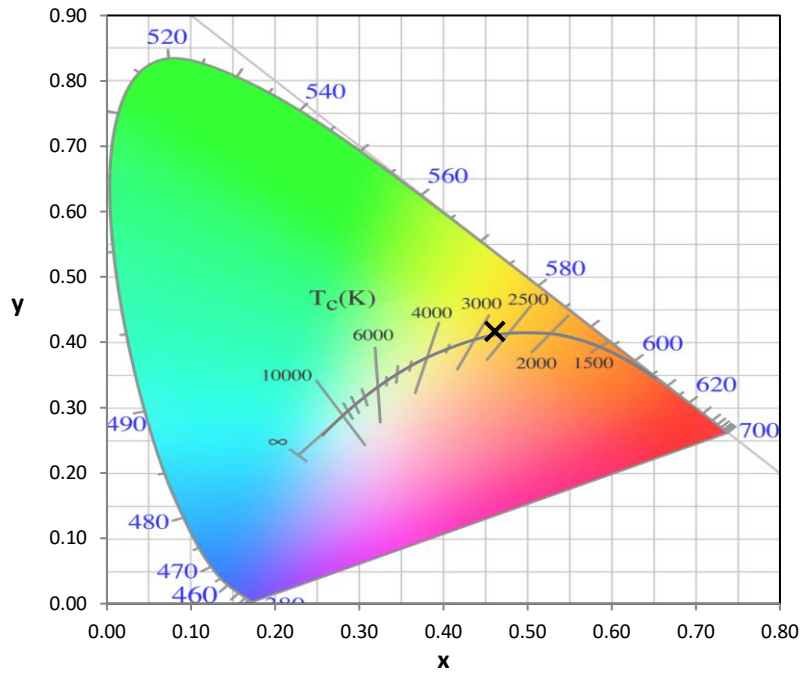
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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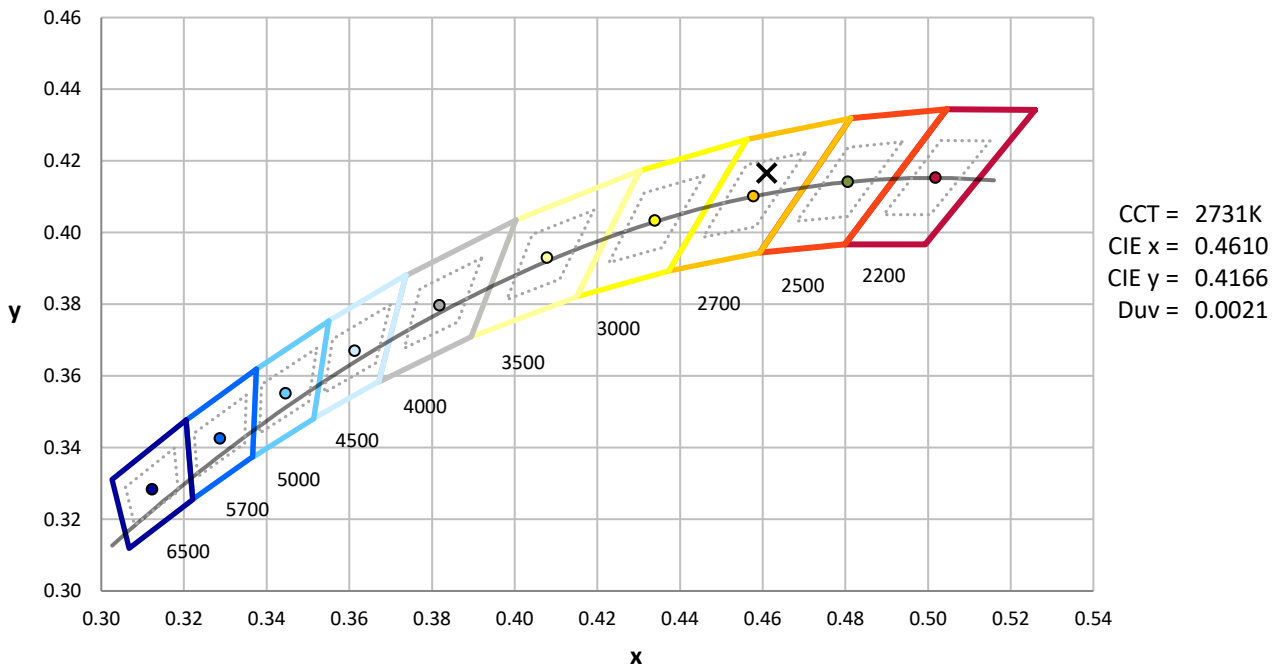
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

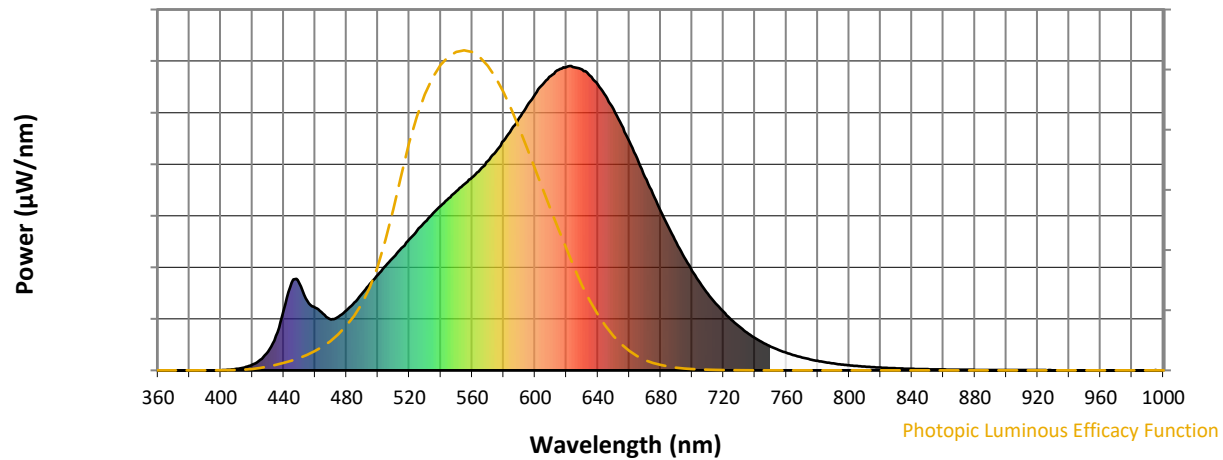


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

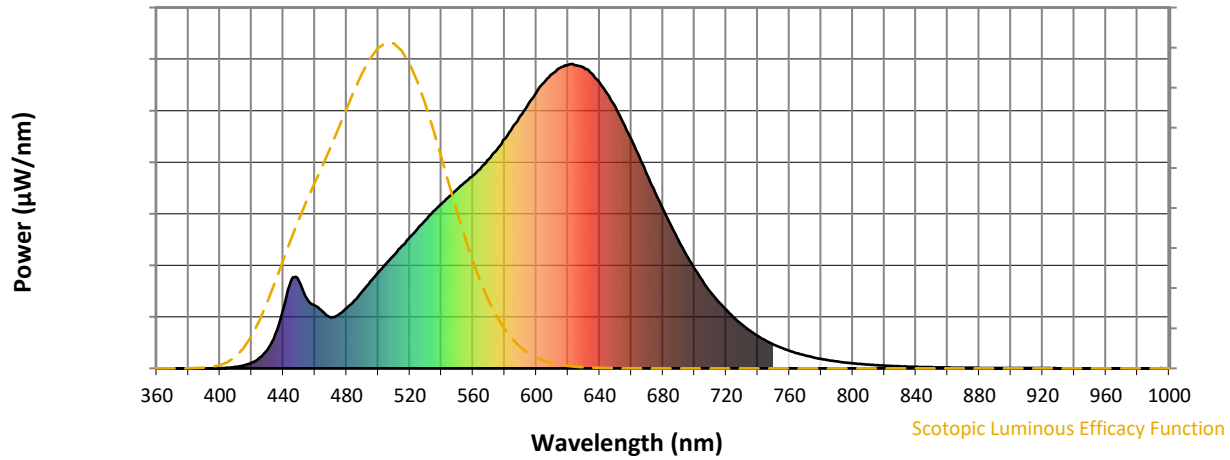


Photopic Lumens: NR

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



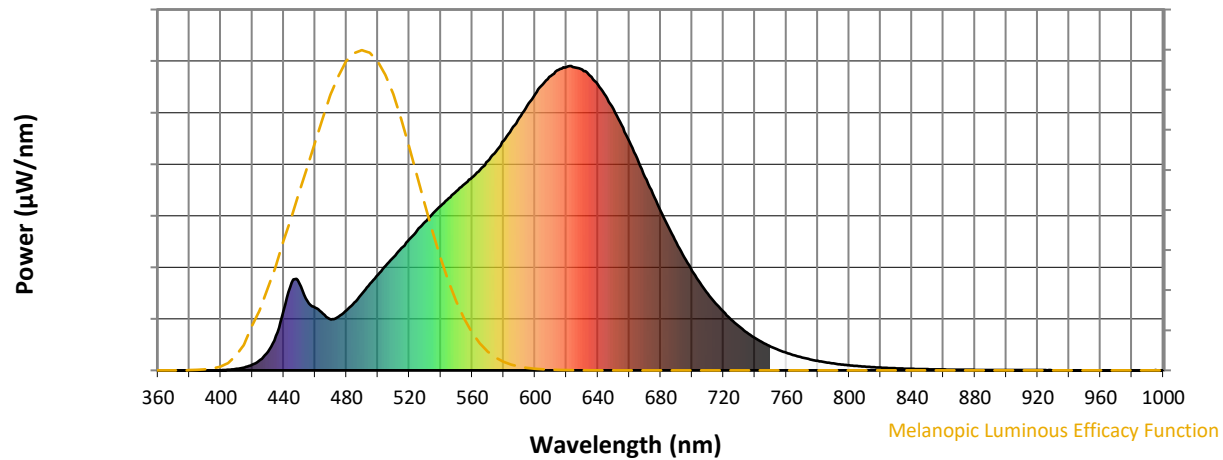
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

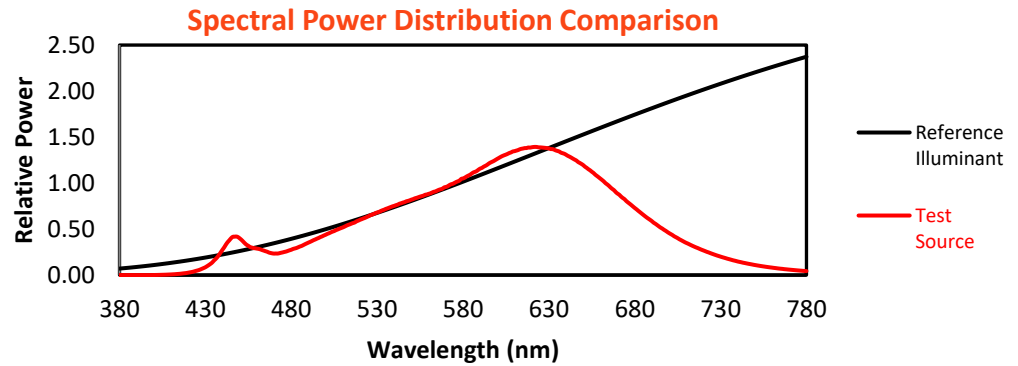
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	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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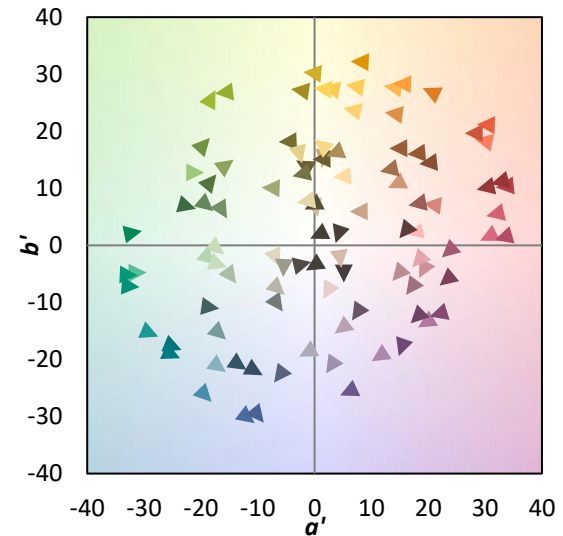
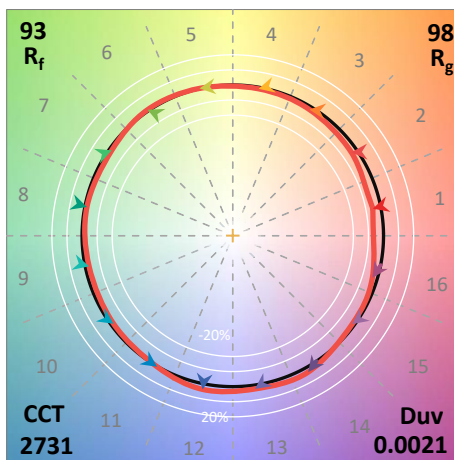
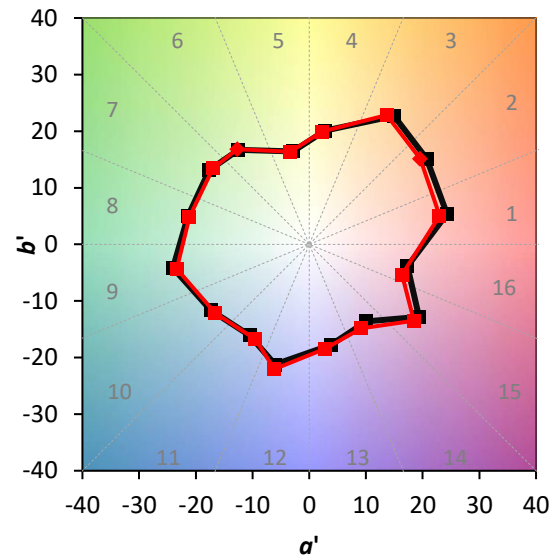
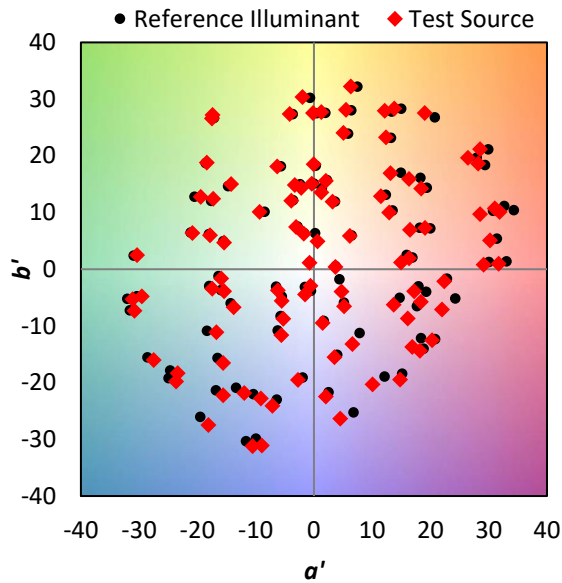
TM-30-18

Summary

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

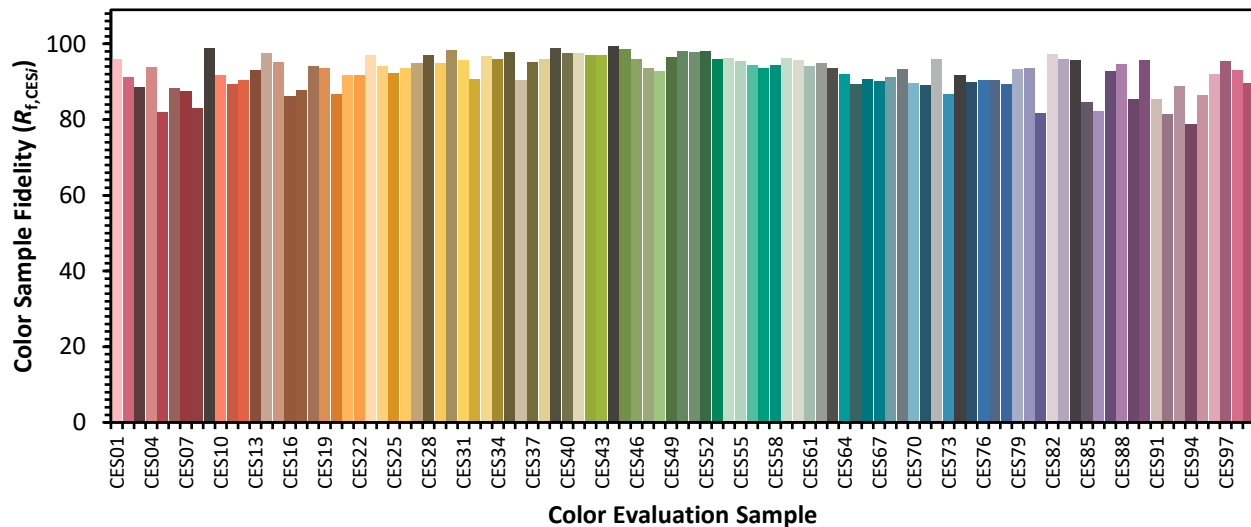


Color Vector Graphics

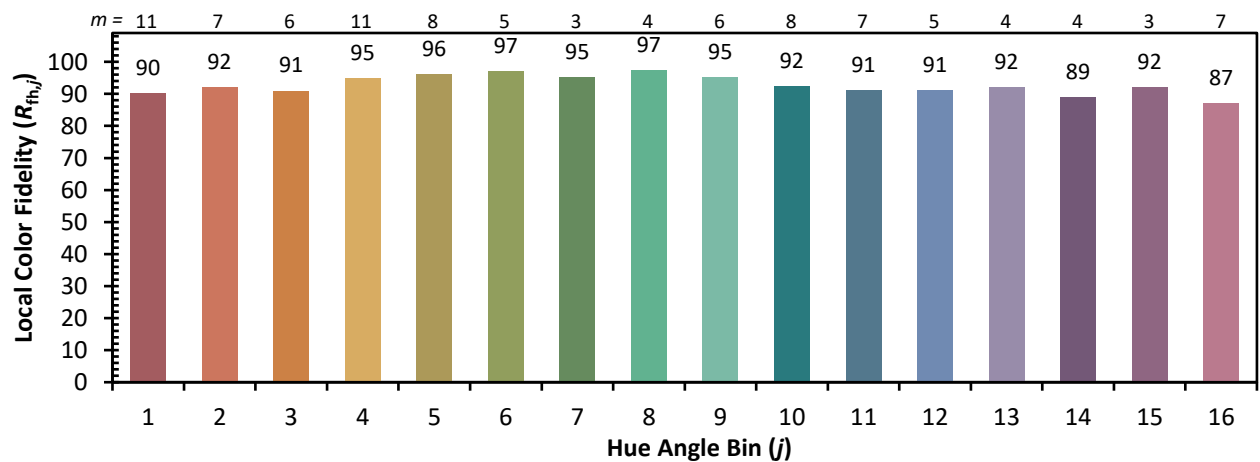
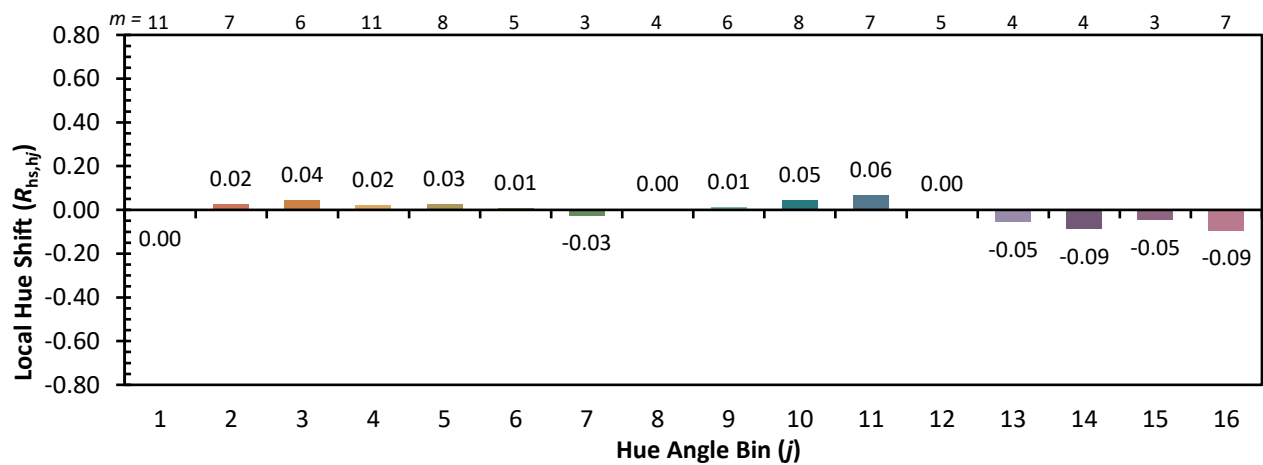
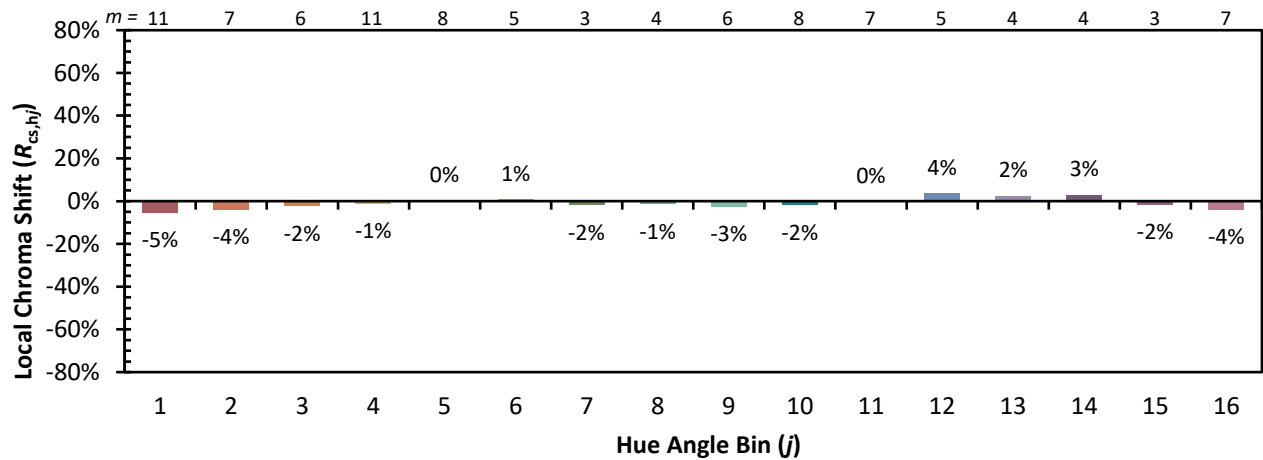


Individual Sample Fidelity Index ($R_{f,i}$)

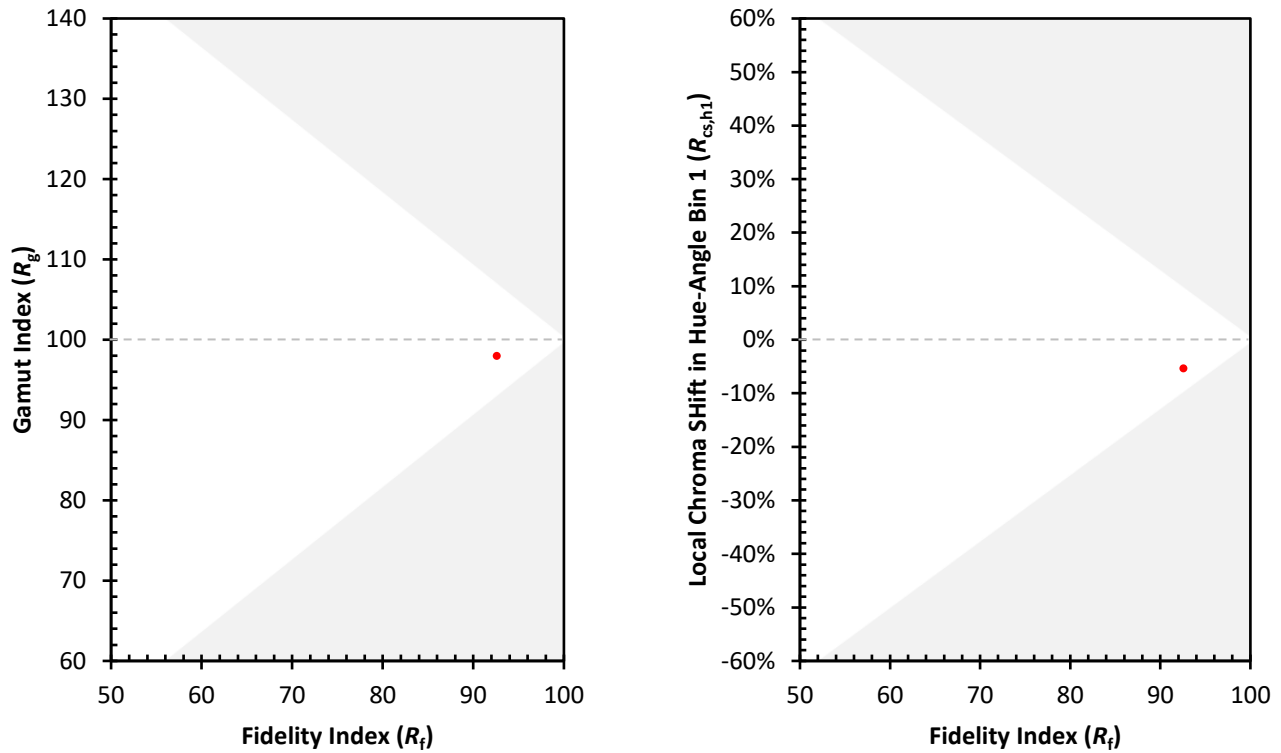
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 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)