

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: P1048798

Luminaire Tested: **GALN-SA6B-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048798
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19788.7 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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

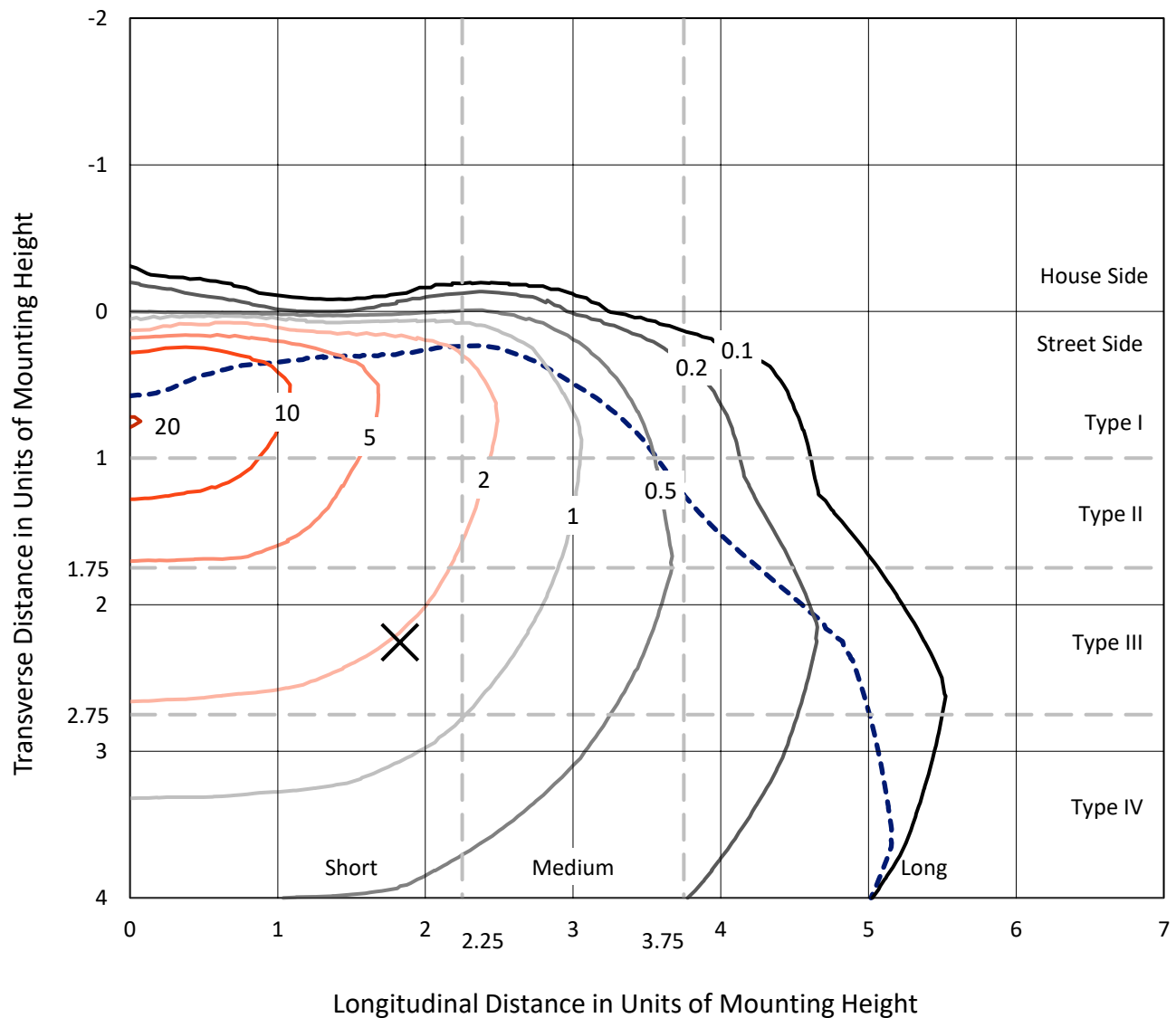


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

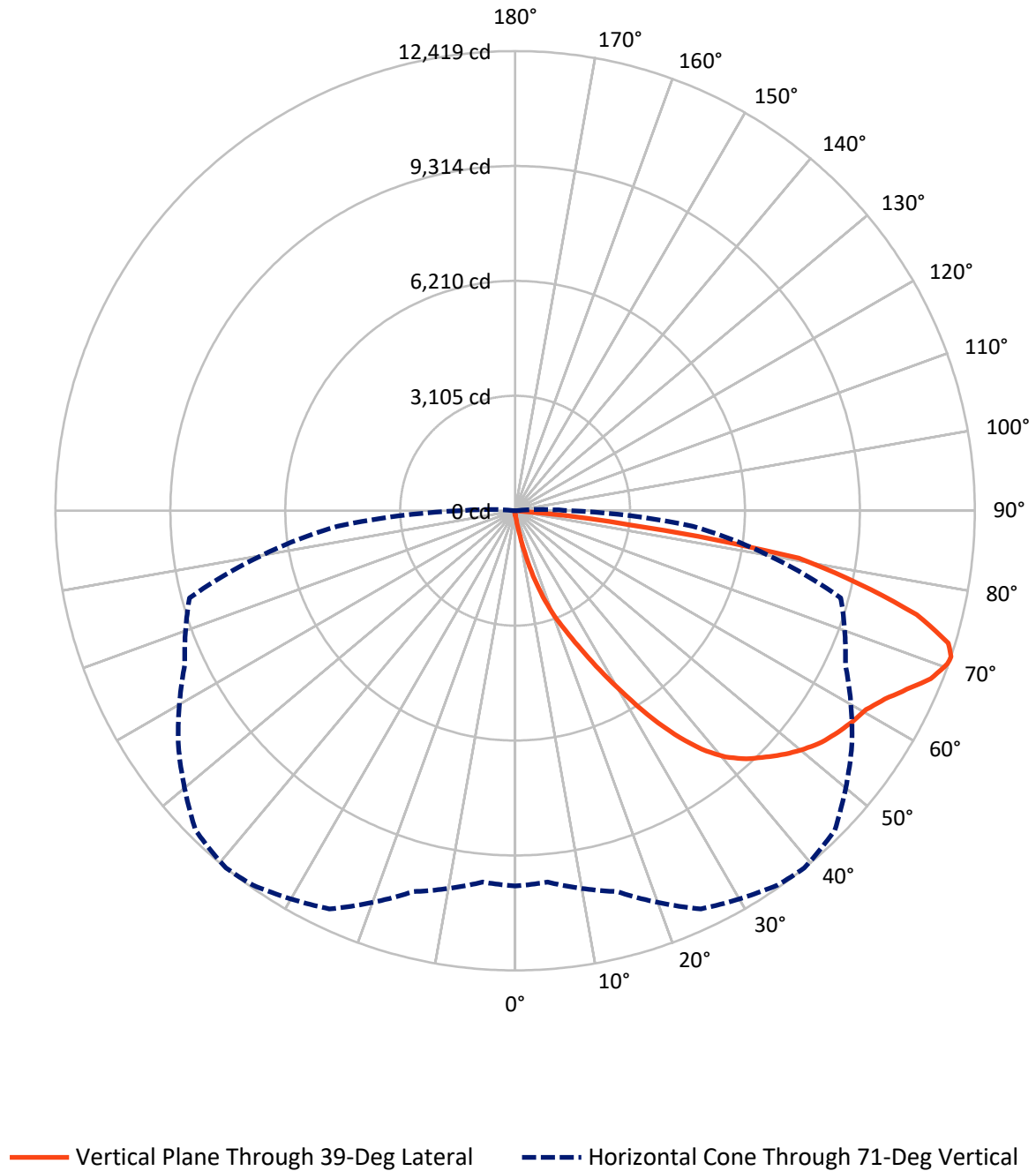


Based on 15 foot mounting height. Maximum calculated value = 20.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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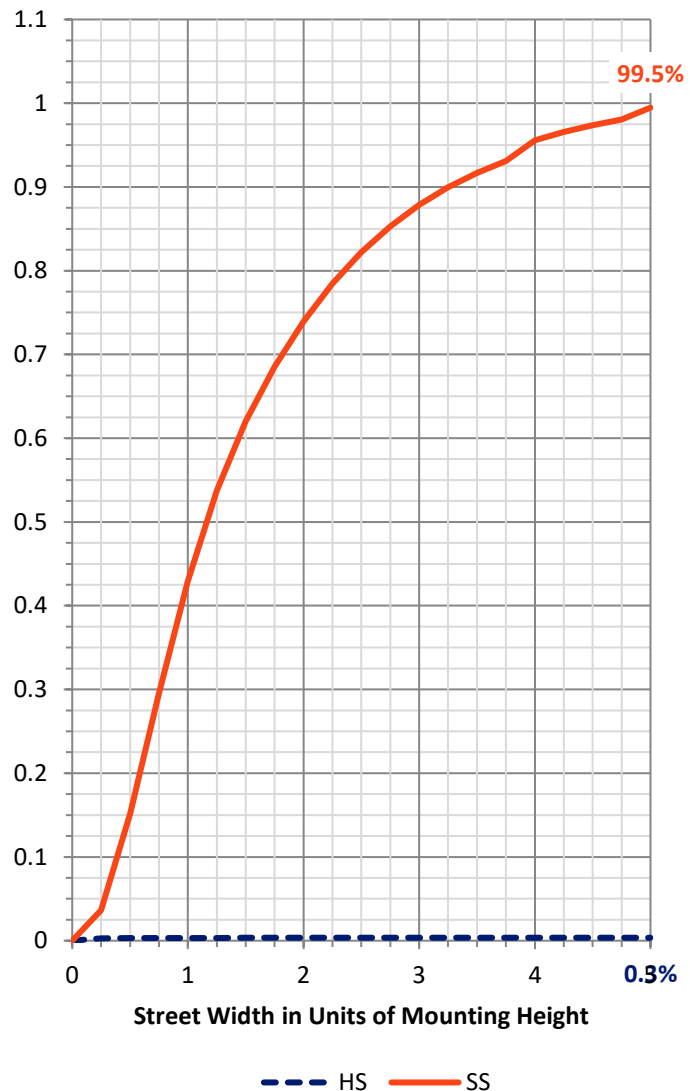
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.3	0.0	70.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19718.4	0.0	19718.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	19788.7	0.0	19788.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.1
10°-20°	211.5	1.1
20°-30°	753.2	3.8
30°-40°	1815.3	9.2
40°-50°	3038.0	15.4
50°-60°	3902.0	19.7
60°-70°	4938.0	25.0
70°-80°	4402.4	22.2
80°-90°	711.6	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°	19788.7	100.0
0°-180°	19788.7	100.0



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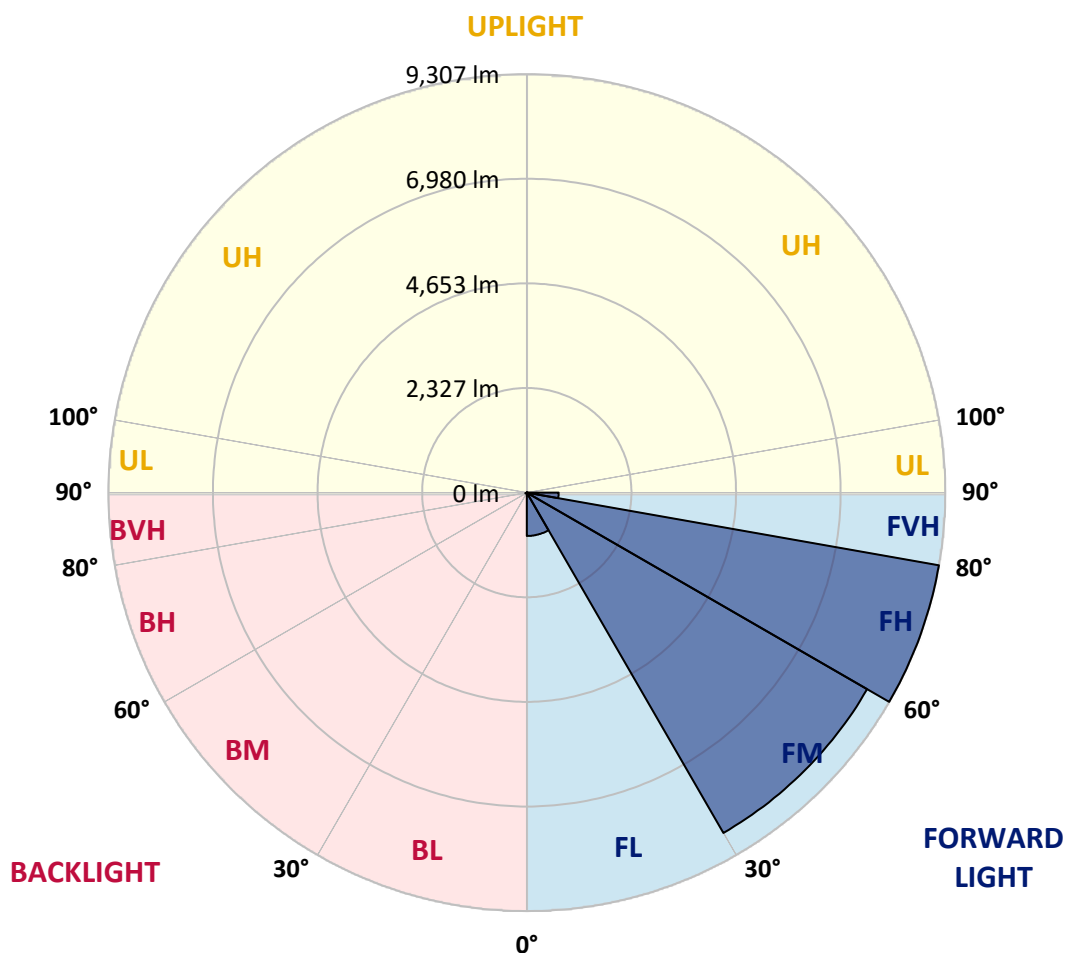
CATALOG NUMBER: GALN-SA6B-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	964.2	4.9			
FM	(30°-60°)	8739.1	44.2			
FH	(60°-80°)	9306.6	47.0			G4/12000
FVH	(80°-90°)	708.4	3.6			G4/750
BL	(0°-30°)	17.0	0.1	B0/110		
BM	(30°-60°)	16.3	0.1	B0/220		
BH	(60°-80°)	33.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5
2.5°	124.6	124.6	124.6	120.6	120.6	119.2	117.9	117.9	115.2	113.9	111.2
5°	188.9	184.9	175.5	170.1	159.4	152.7	146.0	136.6	127.3	120.6	112.5
7.5°	427.3	436.7	405.9	348.3	289.4	263.9	221.0	178.2	147.4	127.3	113.9
10°	1089.1	1083.7	979.2	864.0	667.1	588.1	460.8	290.7	190.2	139.3	115.2
12.5°	1852.7	1847.3	1724.1	1567.3	1307.4	1142.7	901.5	542.5	273.3	158.1	115.2
15°	2494.3	2472.9	2434.0	2278.6	1974.6	1836.6	1517.8	959.1	442.1	190.2	117.9
17.5°	2919.0	2900.2	2864.0	2807.8	2614.9	2451.4	2195.6	1507.0	715.3	246.5	123.2
20°	3308.8	3295.4	3265.9	3255.2	3130.6	3043.5	2831.9	2136.6	1114.5	334.9	131.3
22.5°	3844.6	3816.5	3828.5	3764.2	3642.3	3537.9	3407.9	2795.7	1602.1	482.3	146.0
25°	4501.0	4487.6	4454.1	4408.6	4239.8	4148.7	3949.1	3417.3	2147.4	675.2	162.1
27.5°	5294.1	5279.3	5271.3	5166.8	4972.6	4873.4	4594.8	4004.0	2760.9	945.7	183.5
30°	6207.7	6214.4	6162.1	6028.2	5801.8	5662.4	5375.8	4618.9	3389.2	1263.2	206.3
32.5°	7153.4	7140.0	7059.6	6901.6	6699.3	6569.3	6205.0	5292.7	4048.2	1682.5	233.1
35°	8172.8	8147.4	7935.7	7754.9	7582.1	7418.6	7086.4	6075.0	4707.3	2152.7	269.3
37.5°	9201.6	9082.4	8657.8	8428.7	8309.5	8175.5	7866.1	6909.6	5362.4	2677.8	313.5
40°	9978.6	9886.2	9382.5	8960.5	8865.4	8751.5	8521.1	7630.3	6059.0	3241.8	367.0
42.5°	10408.6	10357.7	9904.9	9488.3	9264.6	9164.1	8967.2	8259.9	6747.5	3864.7	444.7
45°	10592.1	10513.1	10210.3	10016.1	9659.8	9493.7	9259.2	8735.5	7466.9	4572.0	553.3
47.5°	10535.9	10490.3	10273.3	10344.3	10085.8	9827.2	9483.0	9099.8	8081.7	5383.8	701.9
50°	10182.2	10143.4	10076.4	10460.9	10428.7	10123.3	9772.3	9387.8	8584.1	6221.1	932.4
52.5°	9509.7	9493.7	9665.1	10369.8	10622.9	10384.5	10050.9	9642.4	9052.9	7095.8	1261.9
55°	8643.0	8708.7	9199.0	10227.8	10722.1	10577.4	10297.4	9880.8	9429.4	7878.1	1748.2
57.5°	8286.7	8304.1	8916.3	10127.3	10766.3	10747.5	10537.2	10108.5	9775.0	8503.7	2490.3
60°	8703.3	8676.5	8999.4	10203.7	10854.7	10900.2	10750.2	10320.2	10075.0	9040.9	3478.9
62.5°	9456.2	9441.4	9544.6	10529.2	11113.2	11205.7	11046.3	10472.9	10340.3	9394.5	4606.8
65°	10128.6	10097.8	10289.4	11106.5	11567.4	11633.0	11493.7	10734.1	10456.8	9651.7	5666.5
67.5°	10419.3	10412.6	10720.7	11655.8	12044.2	12115.2	11993.3	11094.5	10430.0	9733.5	6134.0
70°	10286.7	10261.3	10754.2	11888.9	12313.5	12393.9	12276.0	11228.4	10139.3	9474.9	5441.4
71°	10140.7	10072.4	10653.8	11872.8	12351.0	12419.3	12213.0	11106.5	9847.3	9107.9	4813.1
72.5°	9687.9	9700.0	10377.8	11705.3	12261.3	12241.2	11856.7	10669.8	9495.0	8274.6	3866.1
75°	8573.4	8644.4	9484.3	11002.0	11460.2	11204.3	10616.2	9835.3	8787.7	5933.0	2684.5
77.5°	7006.1	7111.9	8034.9	9649.1	9519.1	9493.7	9469.6	8665.8	7504.4	3186.9	1867.4
80°	3345.0	3574.0	4846.6	6888.2	7482.9	7771.0	7590.1	6983.3	5803.1	1517.8	1115.9
82.5°	218.4	215.7	305.4	578.7	2439.4	3153.4	5010.1	4991.3	4045.6	739.5	455.5
85°	103.1	105.8	116.5	132.6	154.1	168.8	233.1	1366.4	1935.7	352.3	99.1
87.5°	60.3	61.6	72.3	92.4	120.6	134.0	159.4	205.0	251.8	194.2	21.4
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: P1048798

CATALOG NUMBER: GALN-SA6B-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5
2.5°	109.8	108.5	104.5	100.5	96.5	93.8	92.4	93.8	93.8	95.1	95.1
5°	109.8	105.8	99.1	91.1	85.7	80.4	77.7	76.4	77.7	77.7	77.7
7.5°	108.5	101.8	92.4	83.1	76.4	69.7	67.0	65.6	65.6	67.0	67.0
10°	105.8	99.1	87.1	76.4	68.3	60.3	56.3	52.2	52.2	52.2	53.6
12.5°	104.5	95.1	80.4	69.7	58.9	49.6	41.5	37.5	38.8	38.8	38.8
15°	101.8	91.1	76.4	63.0	49.6	37.5	30.8	26.8	28.1	29.5	28.1
17.5°	101.8	89.8	71.0	54.9	38.8	28.1	22.8	20.1	20.1	21.4	21.4
20°	101.8	87.1	67.0	46.9	29.5	21.4	16.1	14.7	14.7	17.4	18.8
22.5°	104.5	87.1	61.6	38.8	24.1	16.1	12.1	10.7	12.1	14.7	16.1
25°	108.5	85.7	56.3	34.8	20.1	12.1	9.4	6.7	8.0	10.7	12.1
27.5°	112.5	84.4	50.9	30.8	16.1	9.4	6.7	5.4	4.0	5.4	5.4
30°	116.5	84.4	45.5	25.5	13.4	6.7	4.0	2.7	1.3	0.0	0.0
32.5°	119.2	81.7	41.5	20.1	10.7	5.4	2.7	1.3	0.0	0.0	0.0
35°	121.9	79.0	36.2	16.1	8.0	4.0	1.3	0.0	0.0	0.0	0.0
37.5°	124.6	75.0	30.8	13.4	6.7	2.7	0.0	0.0	0.0	0.0	0.0
40°	127.3	69.7	25.5	12.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	129.9	65.6	21.4	9.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	136.6	63.0	17.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	148.7	60.3	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	166.1	57.6	14.7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	190.2	56.3	13.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	233.1	54.9	12.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	306.8	53.6	12.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	470.2	50.9	12.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	839.9	49.6	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1464.2	50.9	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2099.1	53.6	9.4	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1796.4	46.9	9.4	5.4	2.7	1.3	0.0	0.0	0.0	0.0	0.0
71°	1464.2	41.5	9.4	5.4	2.7	1.3	1.3	0.0	0.0	0.0	0.0
72.5°	941.7	32.2	8.0	5.4	2.7	2.7	1.3	0.0	0.0	0.0	0.0
75°	397.9	26.8	8.0	5.4	4.0	2.7	2.7	1.3	0.0	0.0	0.0
77.5°	170.1	20.1	8.0	6.7	5.4	4.0	4.0	2.7	1.3	0.0	0.0
80°	64.3	16.1	9.4	8.0	6.7	6.7	5.4	2.7	1.3	0.0	0.0
82.5°	29.5	13.4	9.4	8.0	8.0	6.7	5.4	4.0	2.7	0.0	0.0
85°	18.8	12.1	9.4	8.0	8.0	6.7	6.7	4.0	2.7	0.0	0.0
87.5°	14.7	12.1	9.4	9.4	8.0	8.0	5.4	4.0	1.3	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

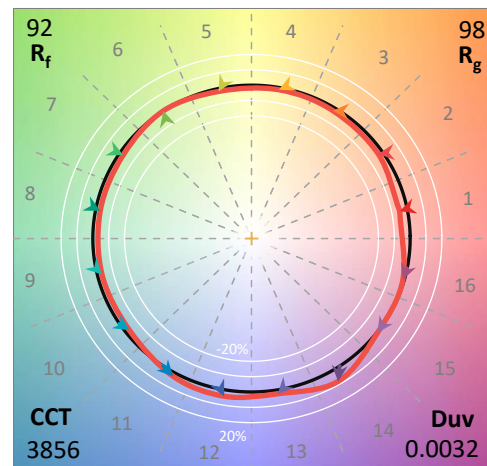
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

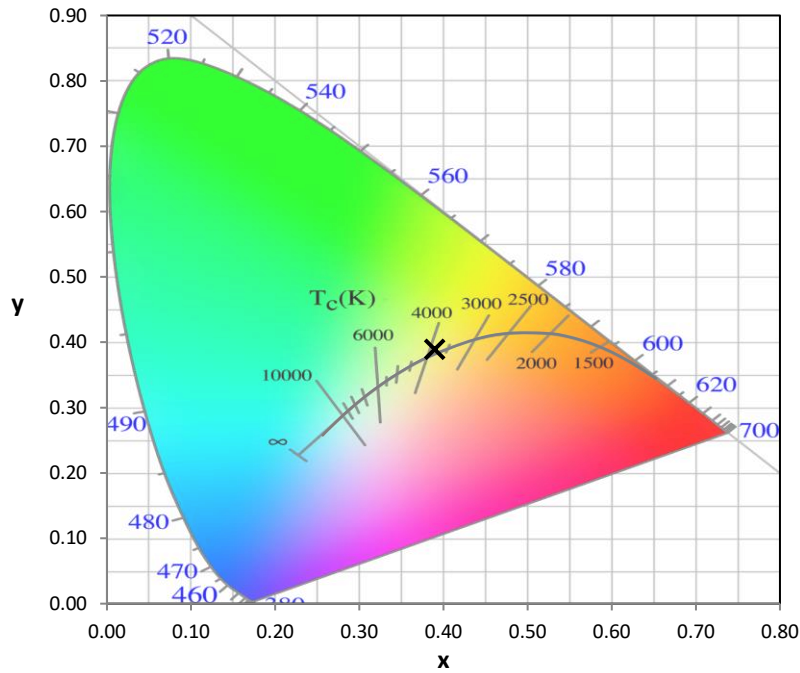
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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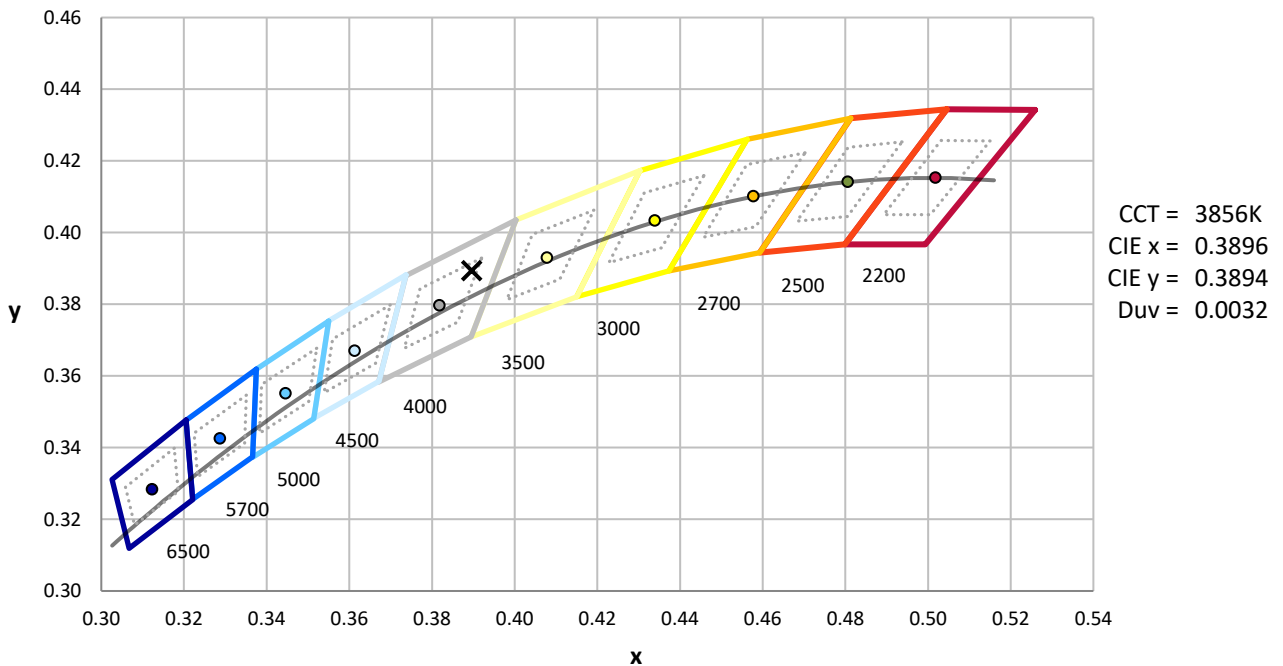
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



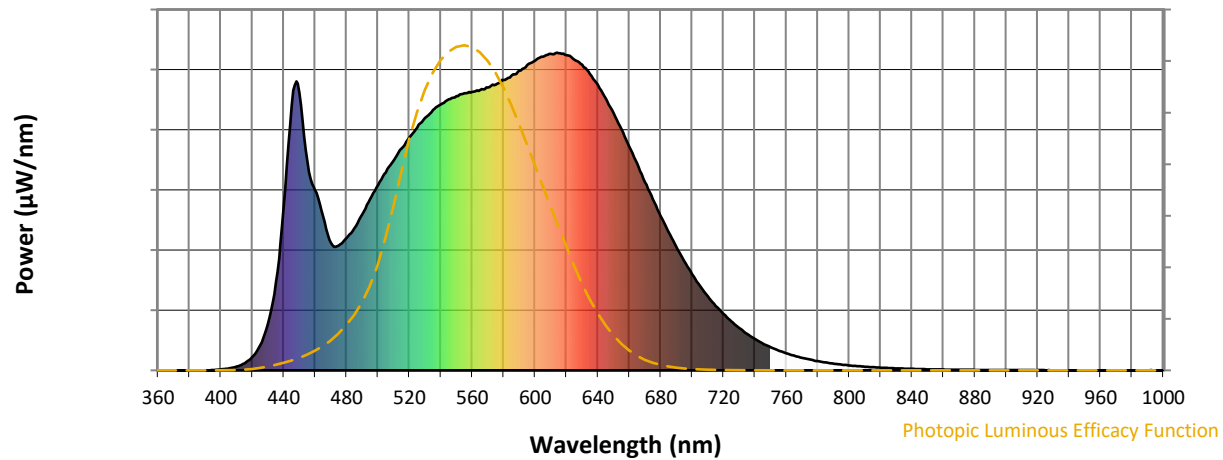
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

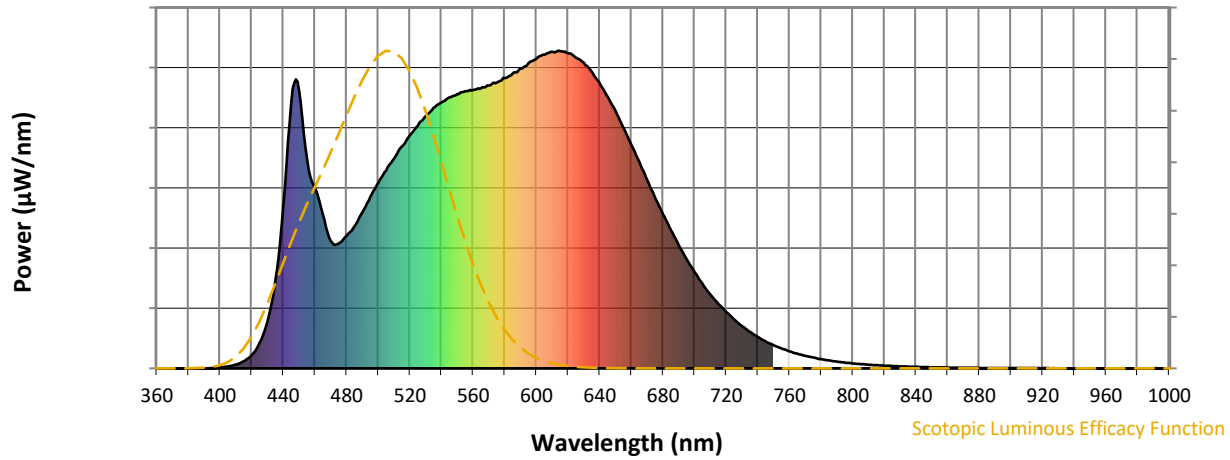


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



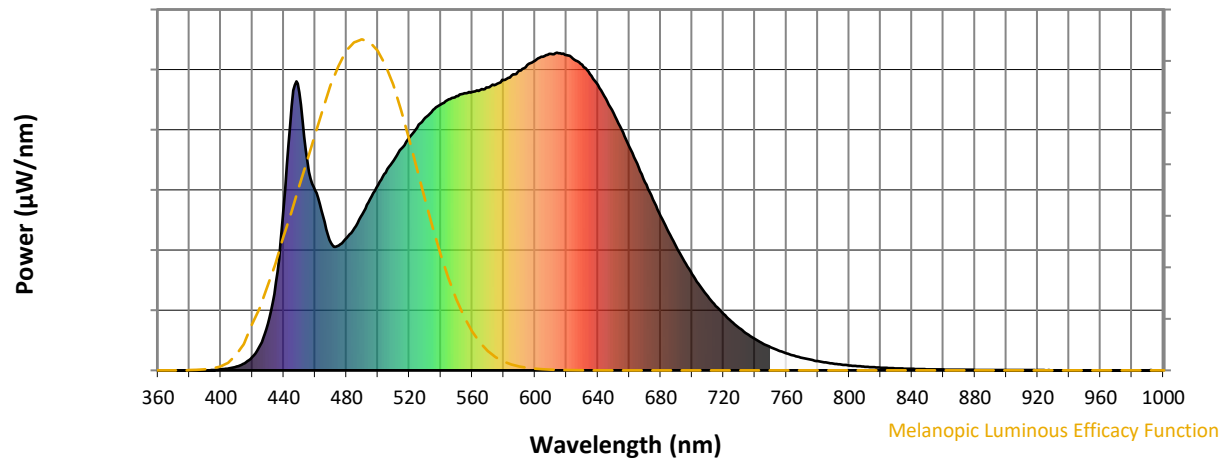
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.52

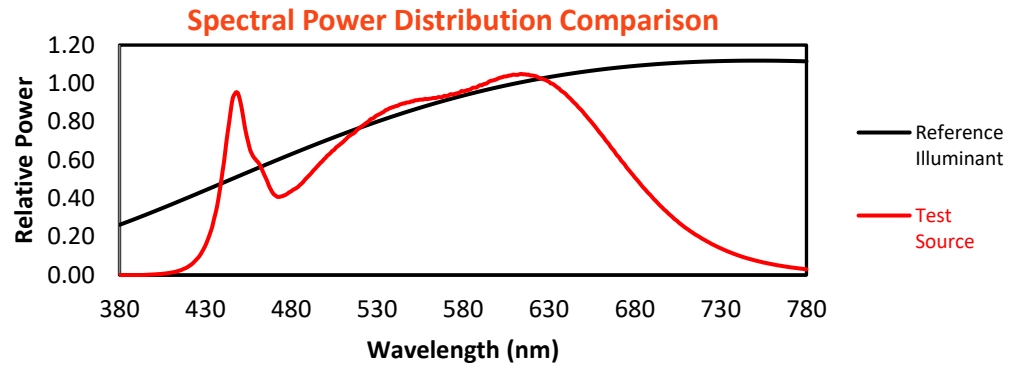
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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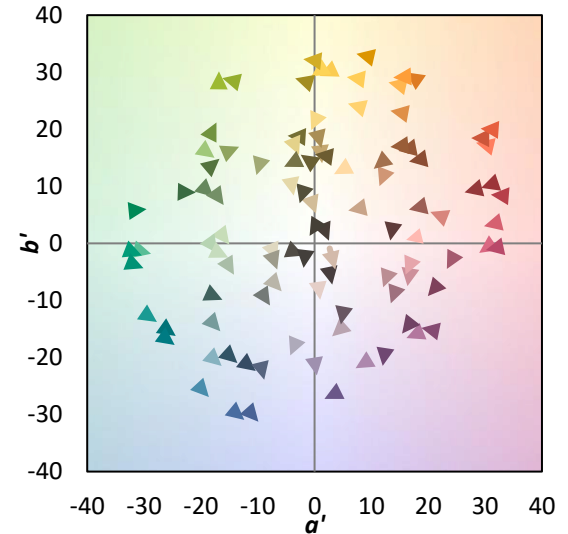
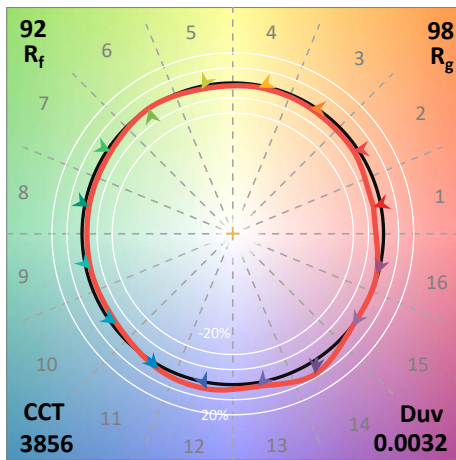
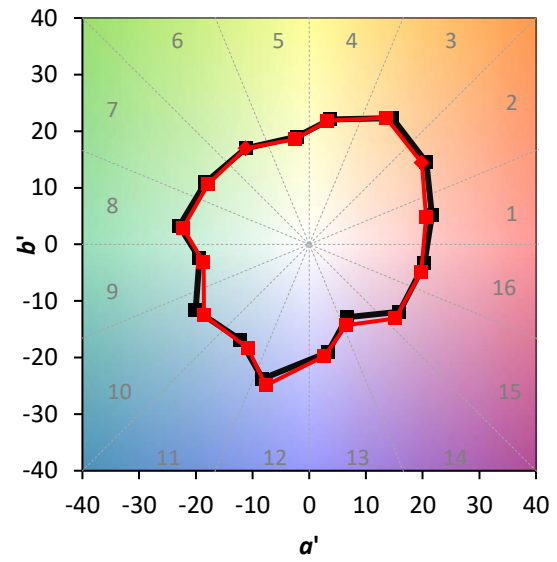
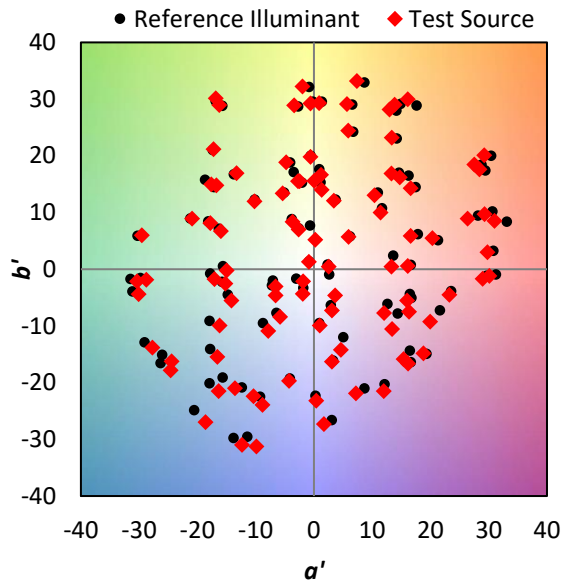
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

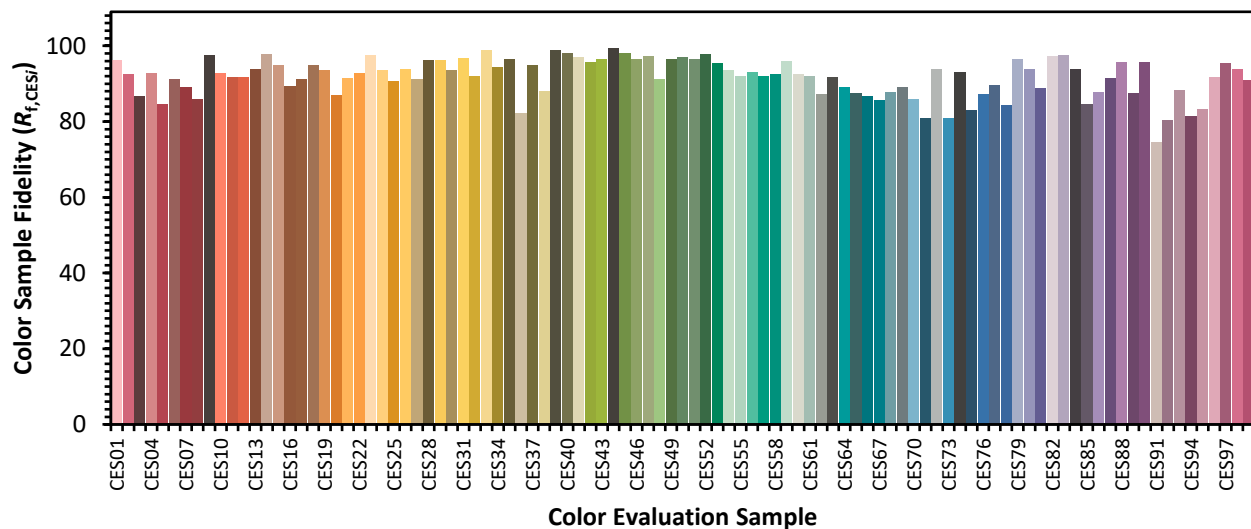


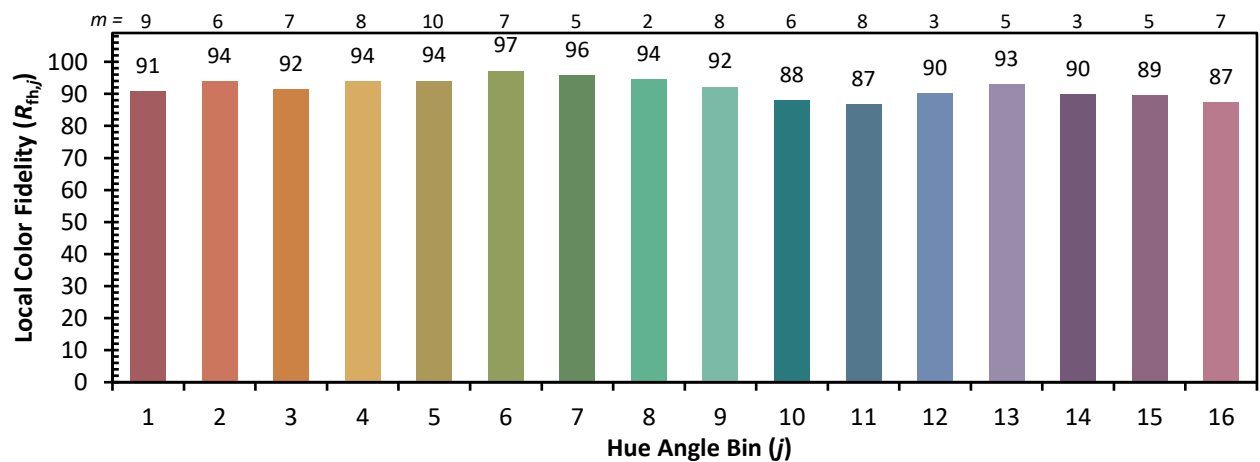
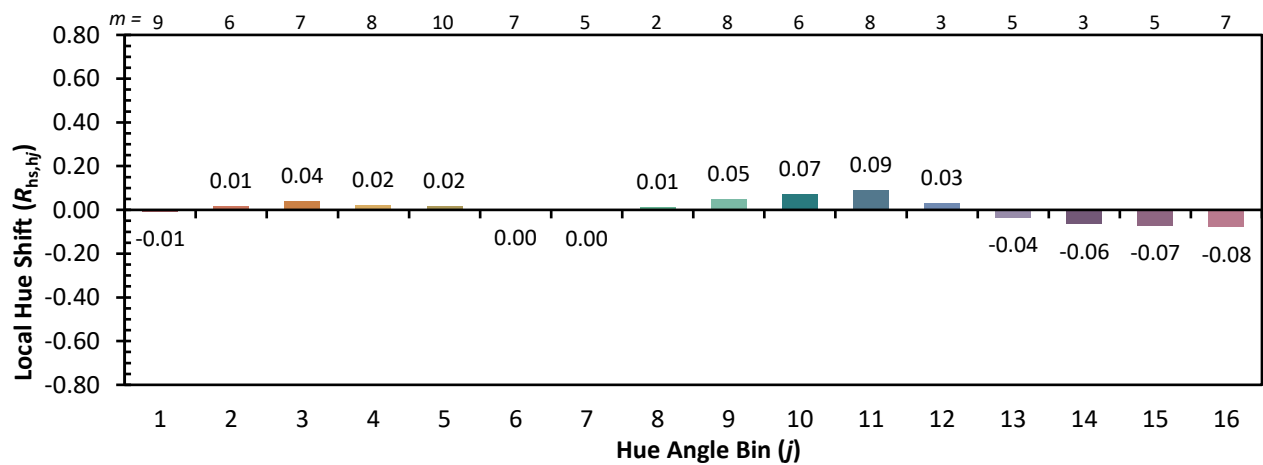
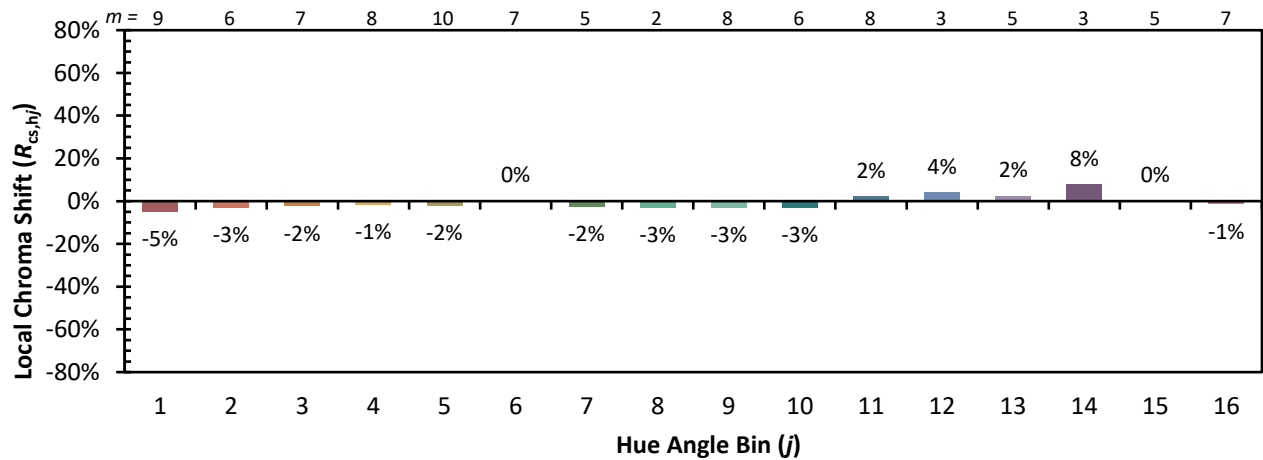
Color Vector Graphics



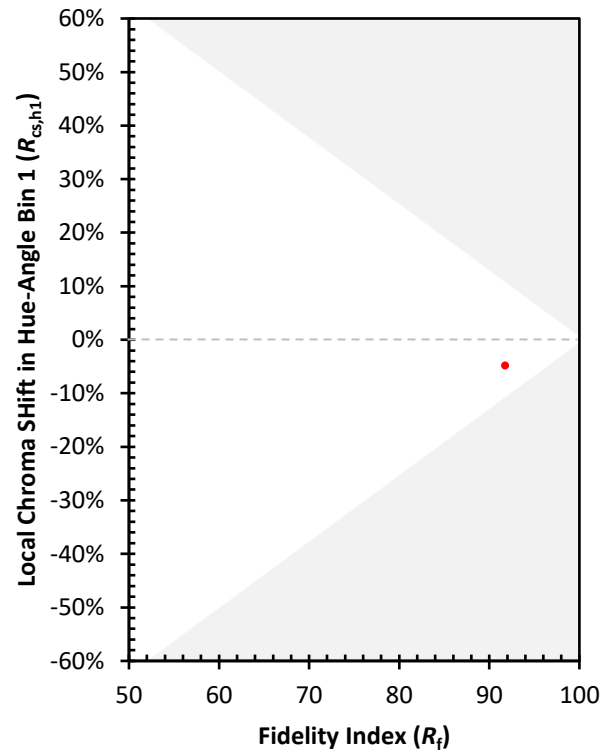
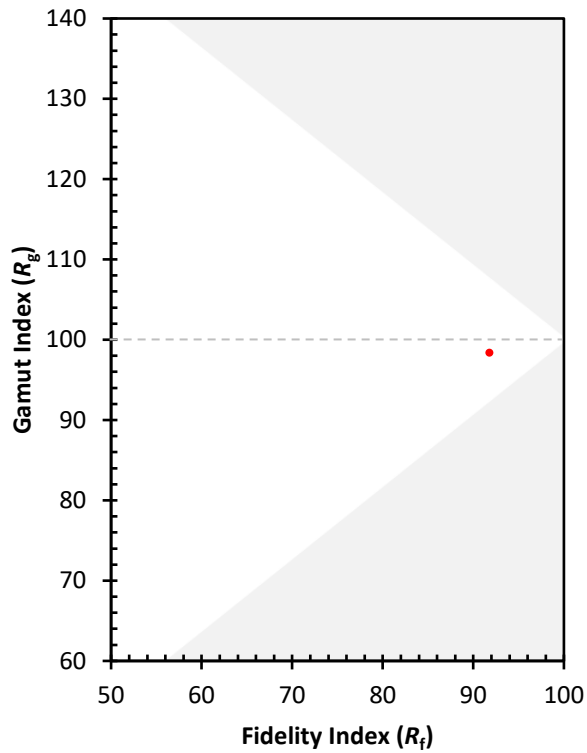
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)