

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: P1048787

Luminaire Tested: **GALN-SA3C-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048787
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12577.1 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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



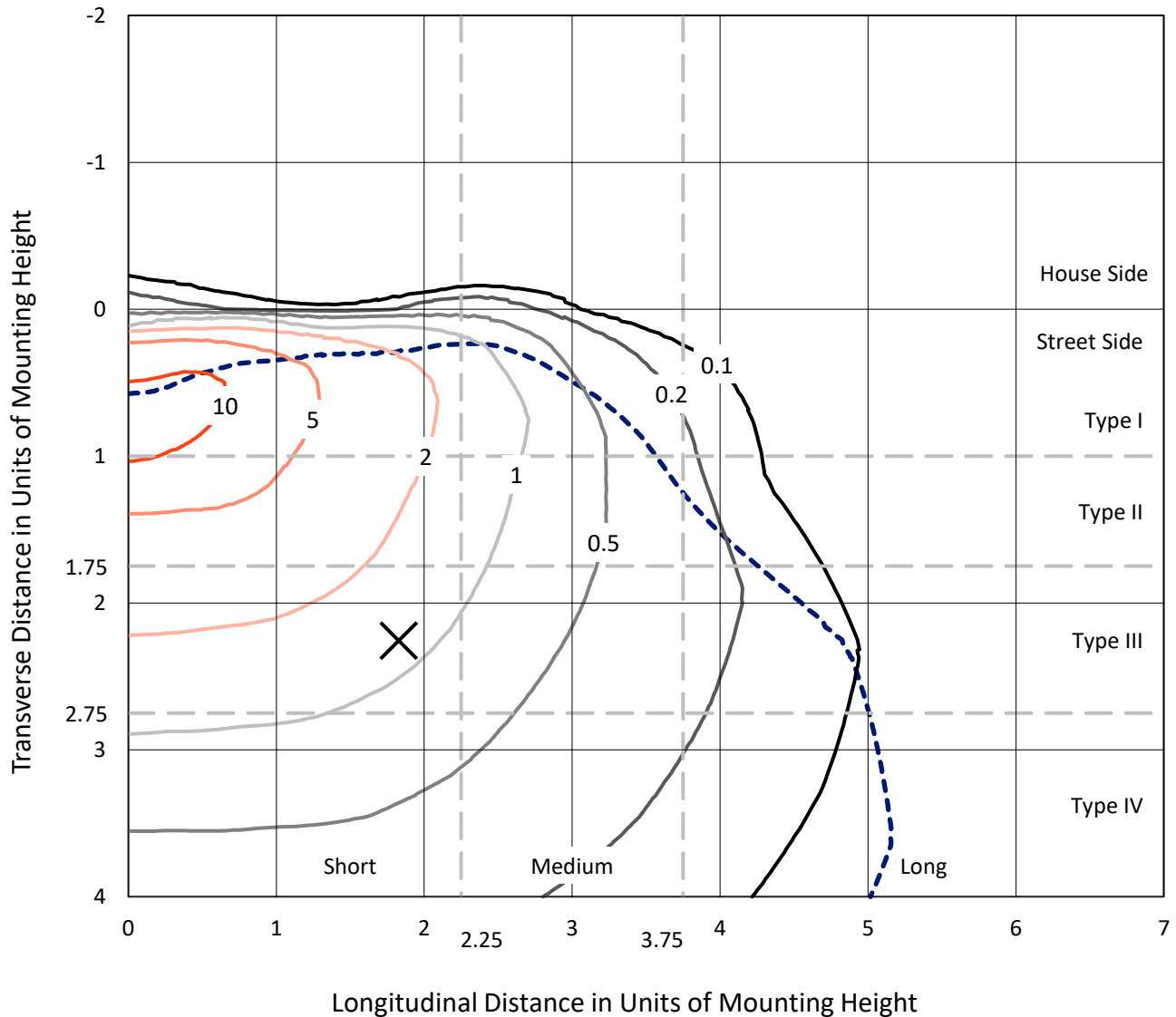
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CATALOG NUMBER: GALN-SA3C-940-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

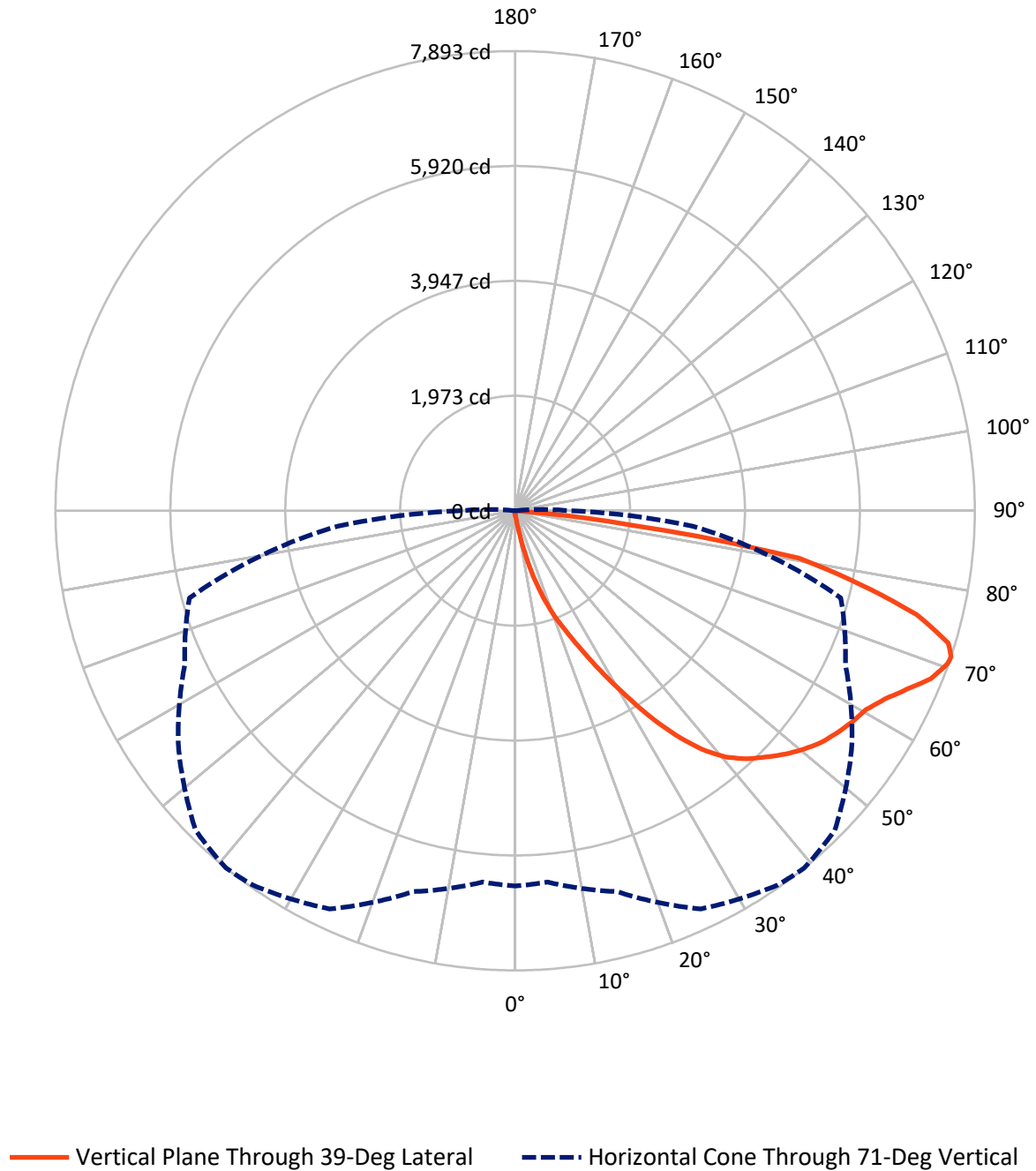


Based on 15 foot mounting height. Maximum calculated value = 12.9 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA3C-940-U-T4BC

Luminous Intensity Polar Plot



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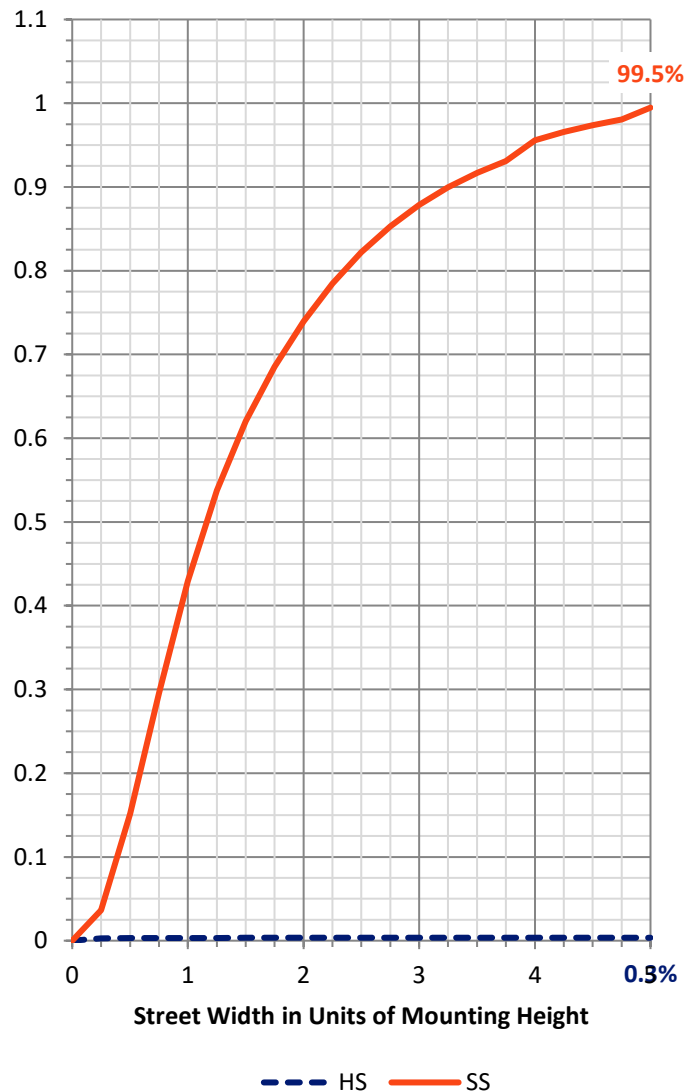
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	44.7	0.0	44.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12532.4	0.0	12532.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	12577.1	0.0	12577.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	0.1
10°-20°	134.4	1.1
20°-30°	478.7	3.8
30°-40°	1153.8	9.2
40°-50°	1930.9	15.4
50°-60°	2480.0	19.7
60°-70°	3138.4	25.0
70°-80°	2798.1	22.2
80°-90°	452.3	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°	12577.1	100.0
0°-180°	12577.1	100.0



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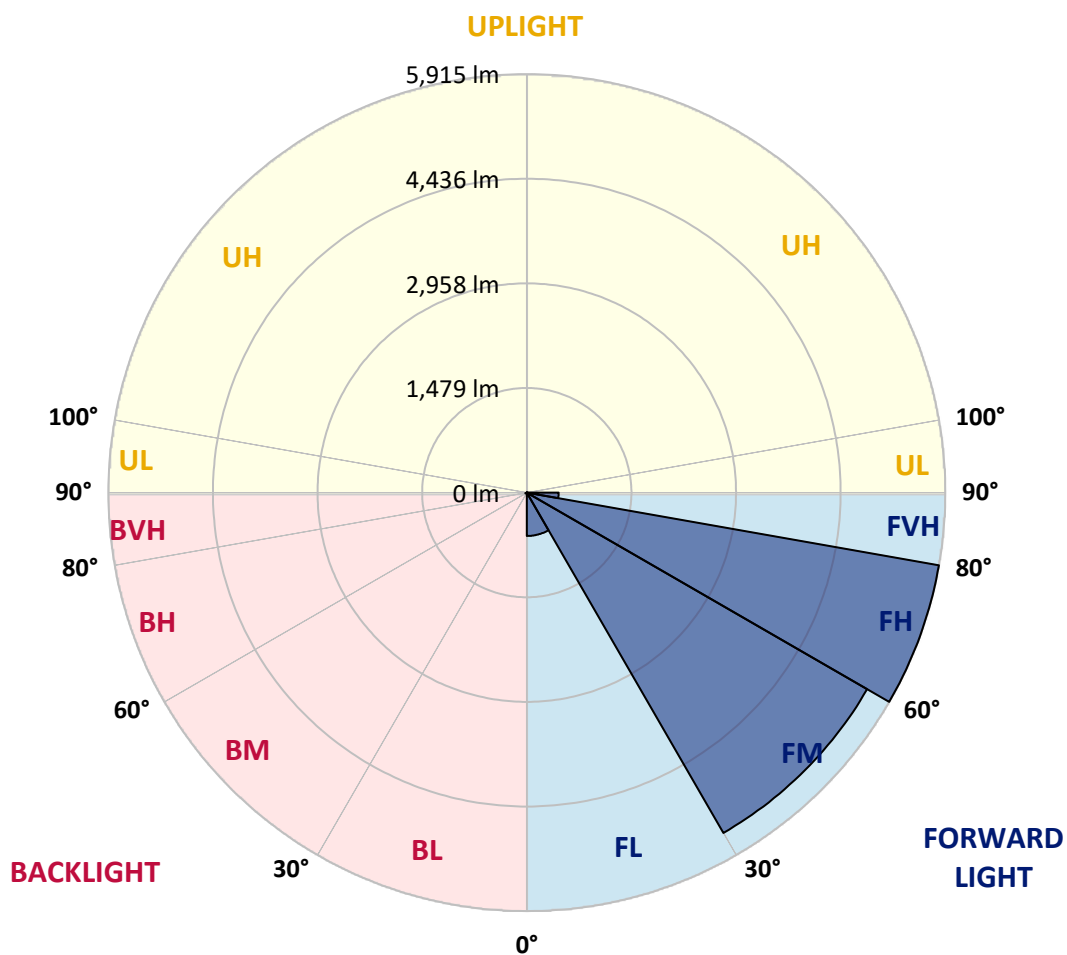
CATALOG NUMBER: GALN-SA3C-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	612.8	4.9			
FM	(30°-60°)	5554.3	44.2			
FH	(60°-80°)	5915.0	47.0			G3/7500
FVH	(80°-90°)	450.2	3.6			G3/500
BL	(0°-30°)	10.8	0.1	B0/110		
BM	(30°-60°)	10.3	0.1	B0/220		
BH	(60°-80°)	21.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2.5°	79.2	79.2	79.2	76.6	76.6	75.8	74.9	74.9	73.2	72.4	70.7
5°	120.0	117.5	111.5	108.1	101.3	97.1	92.8	86.8	80.9	76.6	71.5
7.5°	271.6	277.6	258.0	221.4	183.9	167.7	140.5	113.2	93.7	80.9	72.4
10°	692.2	688.8	622.4	549.2	424.0	373.8	292.9	184.8	120.9	88.5	73.2
12.5°	1177.5	1174.1	1095.8	996.1	831.0	726.2	573.0	344.8	173.7	100.5	73.2
15°	1585.3	1571.7	1547.0	1448.2	1255.0	1167.3	964.6	609.6	281.0	120.9	74.9
17.5°	1855.2	1843.3	1820.3	1784.5	1661.9	1558.1	1395.4	957.8	454.6	156.7	78.3
20°	2103.0	2094.4	2075.7	2068.9	1989.7	1934.4	1799.9	1358.0	708.4	212.8	83.4
22.5°	2443.5	2425.6	2433.3	2392.4	2315.0	2248.5	2166.0	1776.9	1018.3	306.5	92.8
25°	2860.7	2852.2	2830.9	2802.0	2694.7	2636.8	2509.9	2171.9	1364.8	429.1	103.0
27.5°	3364.7	3355.4	3350.3	3283.8	3160.4	3097.4	2920.3	2544.8	1754.7	601.1	116.6
30°	3945.4	3949.6	3916.4	3831.3	3687.4	3598.9	3416.7	2935.6	2154.0	802.9	131.1
32.5°	4546.5	4538.0	4486.9	4386.4	4257.8	4175.3	3943.7	3363.9	2572.9	1069.4	148.1
35°	5194.4	5178.2	5043.7	4928.8	4818.9	4715.0	4503.9	3861.1	2991.8	1368.2	171.1
37.5°	5848.3	5772.5	5502.6	5357.0	5281.2	5196.1	4999.4	4391.5	3408.2	1701.9	199.2
40°	6342.1	6283.3	5963.2	5695.0	5634.6	5562.2	5415.8	4849.6	3850.9	2060.4	233.3
42.5°	6615.4	6583.0	6295.2	6030.5	5888.3	5824.4	5699.3	5249.7	4288.5	2456.3	282.7
45°	6732.0	6681.8	6489.4	6365.9	6139.4	6033.9	5884.9	5552.0	4745.7	2905.8	351.6
47.5°	6696.3	6667.3	6529.4	6574.5	6410.2	6245.9	6027.1	5783.6	5136.5	3421.8	446.1
50°	6471.5	6446.8	6404.2	6648.6	6628.1	6434.0	6211.0	5966.6	5455.8	3953.9	592.6
52.5°	6044.1	6033.9	6142.8	6590.7	6751.6	6600.0	6388.0	6128.4	5753.8	4509.9	802.0
55°	5493.2	5534.9	5846.6	6500.4	6814.6	6722.6	6544.7	6279.9	5993.0	5007.1	1111.1
57.5°	5266.8	5277.8	5666.9	6436.6	6842.7	6830.8	6697.1	6424.7	6212.7	5404.7	1582.8
60°	5531.5	5514.5	5719.7	6485.1	6898.9	6927.8	6832.5	6559.2	6403.4	5746.1	2211.1
62.5°	6010.0	6000.7	6066.2	6692.0	7063.2	7122.0	7020.6	6656.2	6572.0	5970.9	2928.0
65°	6437.4	6417.8	6539.6	7059.0	7351.8	7393.6	7305.0	6822.3	6646.0	6134.3	3601.4
67.5°	6622.2	6617.9	6813.7	7408.0	7654.9	7700.1	7622.6	7051.3	6629.0	6186.3	3898.6
70°	6537.9	6521.7	6835.0	7556.2	7826.1	7877.1	7802.2	7136.4	6444.2	6021.9	3458.4
71°	6445.1	6401.7	6771.2	7546.0	7849.9	7893.3	7762.2	7059.0	6258.6	5788.7	3059.1
72.5°	6157.3	6165.0	6595.8	7439.5	7792.9	7780.1	7535.7	6781.4	6034.7	5259.1	2457.1
75°	5449.0	5494.1	6027.9	6992.5	7283.7	7121.1	6747.3	6251.0	5585.2	3770.8	1706.2
77.5°	4452.8	4520.1	5106.7	6132.6	6050.0	6033.9	6018.5	5507.7	4769.5	2025.5	1186.9
80°	2125.9	2271.5	3080.4	4377.9	4755.9	4939.0	4824.0	4438.3	3688.3	964.6	709.2
82.5°	138.8	137.1	194.1	367.8	1550.4	2004.2	3184.2	3172.3	2571.2	470.0	289.5
85°	65.6	67.3	74.1	84.3	97.9	107.3	148.1	868.4	1230.3	223.9	63.0
87.5°	38.3	39.2	46.0	58.7	76.6	85.1	101.3	130.3	160.1	123.5	13.6
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: P1048787

CATALOG NUMBER: GALN-SA3C-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2.5°	69.8	69.0	66.4	63.9	61.3	59.6	58.7	59.6	59.6	60.4	60.4
5°	69.8	67.3	63.0	57.9	54.5	51.1	49.4	48.5	49.4	49.4	49.4
7.5°	69.0	64.7	58.7	52.8	48.5	44.3	42.6	41.7	41.7	42.6	42.6
10°	67.3	63.0	55.3	48.5	43.4	38.3	35.8	33.2	33.2	33.2	34.1
12.5°	66.4	60.4	51.1	44.3	37.5	31.5	26.4	23.8	24.7	24.7	24.7
15°	64.7	57.9	48.5	40.0	31.5	23.8	19.6	17.0	17.9	18.7	17.9
17.5°	64.7	57.0	45.1	34.9	24.7	17.9	14.5	12.8	12.8	13.6	13.6
20°	64.7	55.3	42.6	29.8	18.7	13.6	10.2	9.4	9.4	11.1	11.9
22.5°	66.4	55.3	39.2	24.7	15.3	10.2	7.7	6.8	7.7	9.4	10.2
25°	69.0	54.5	35.8	22.1	12.8	7.7	6.0	4.3	5.1	6.8	7.7
27.5°	71.5	53.6	32.4	19.6	10.2	6.0	4.3	3.4	2.6	3.4	3.4
30°	74.1	53.6	28.9	16.2	8.5	4.3	2.6	1.7	0.9	0.0	0.0
32.5°	75.8	51.9	26.4	12.8	6.8	3.4	1.7	0.9	0.0	0.0	0.0
35°	77.5	50.2	23.0	10.2	5.1	2.6	0.9	0.0	0.0	0.0	0.0
37.5°	79.2	47.7	19.6	8.5	4.3	1.7	0.0	0.0	0.0	0.0	0.0
40°	80.9	44.3	16.2	7.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	82.6	41.7	13.6	6.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	86.8	40.0	11.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	94.5	38.3	10.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	105.6	36.6	9.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	120.9	35.8	8.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	148.1	34.9	7.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	195.0	34.1	7.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	298.8	32.4	7.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	533.8	31.5	6.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	930.6	32.4	6.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1334.1	34.1	6.0	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1141.7	29.8	6.0	3.4	1.7	0.9	0.0	0.0	0.0	0.0	0.0
71°	930.6	26.4	6.0	3.4	1.7	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	598.5	20.4	5.1	3.4	1.7	1.7	0.9	0.0	0.0	0.0	0.0
75°	252.9	17.0	5.1	3.4	2.6	1.7	1.7	0.9	0.0	0.0	0.0
77.5°	108.1	12.8	5.1	4.3	3.4	2.6	2.6	1.7	0.9	0.0	0.0
80°	40.9	10.2	6.0	5.1	4.3	4.3	3.4	1.7	0.9	0.0	0.0
82.5°	18.7	8.5	6.0	5.1	5.1	4.3	3.4	2.6	1.7	0.0	0.0
85°	11.9	7.7	6.0	5.1	5.1	4.3	4.3	2.6	1.7	0.0	0.0
87.5°	9.4	7.7	6.0	6.0	5.1	5.1	3.4	2.6	0.9	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

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

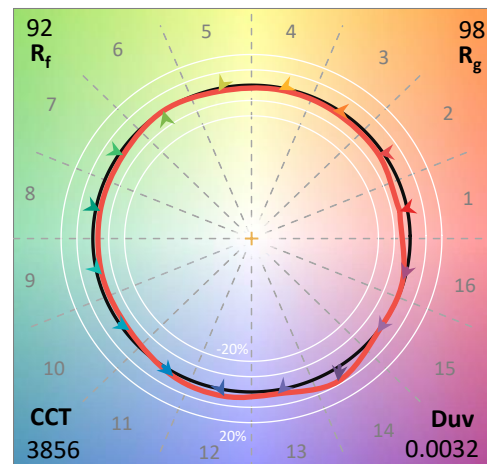
Test Information

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

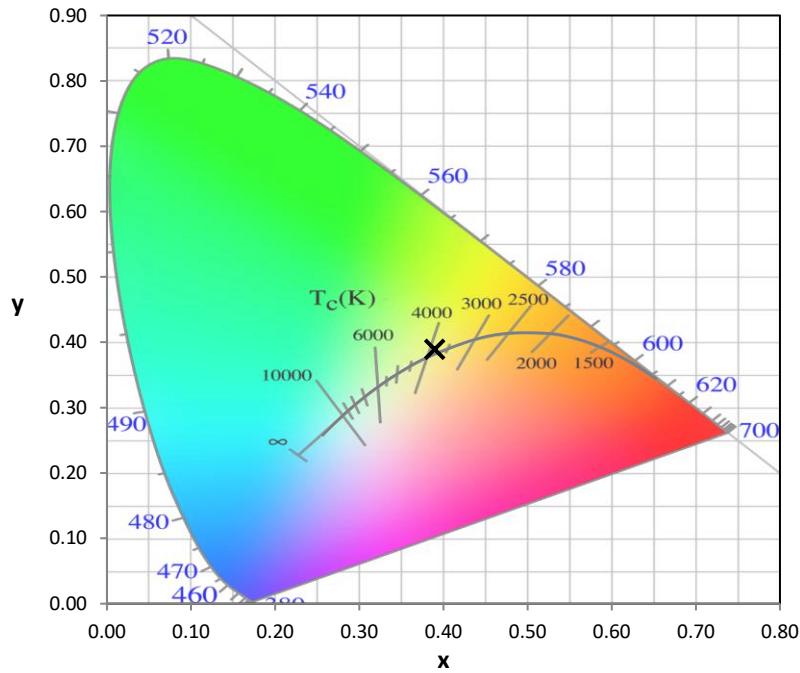
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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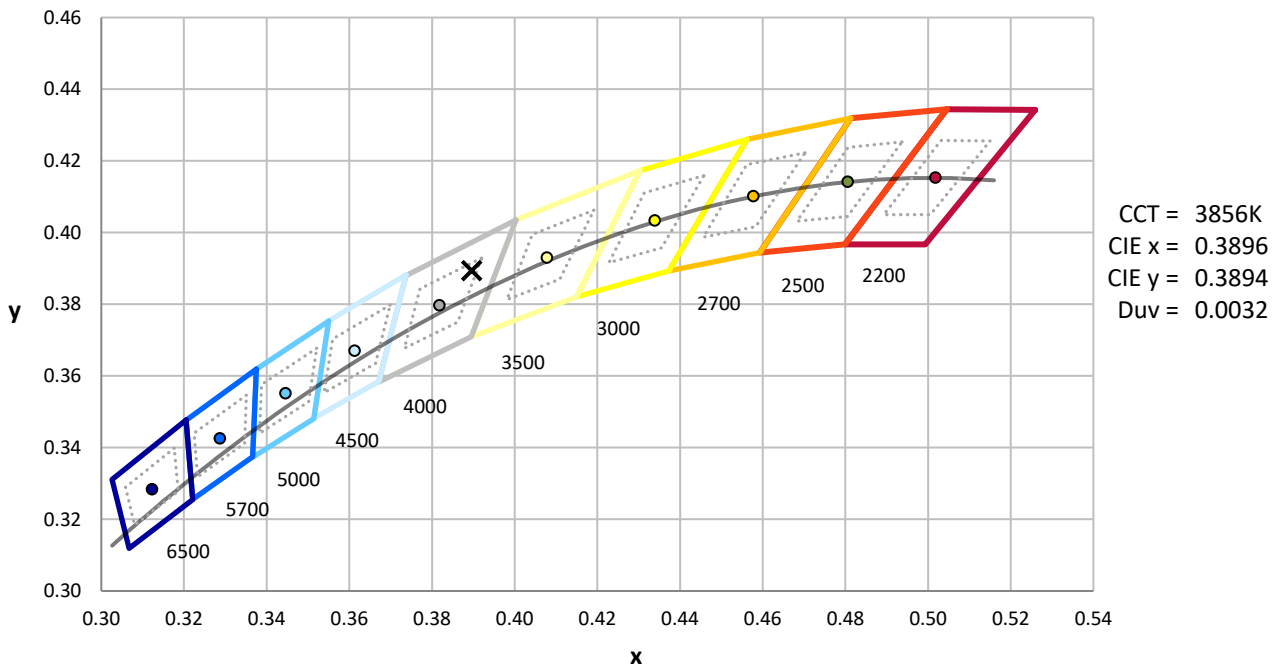
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



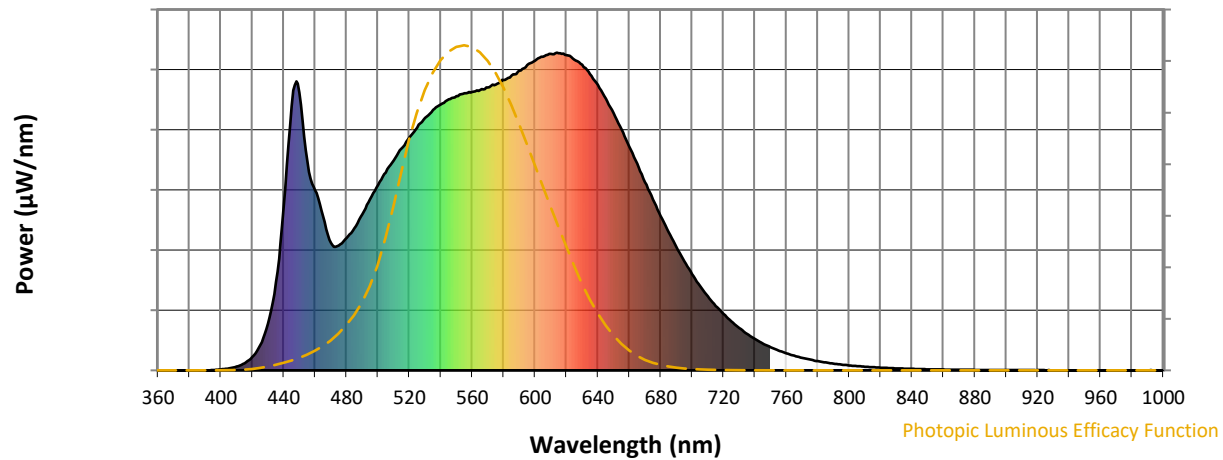
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

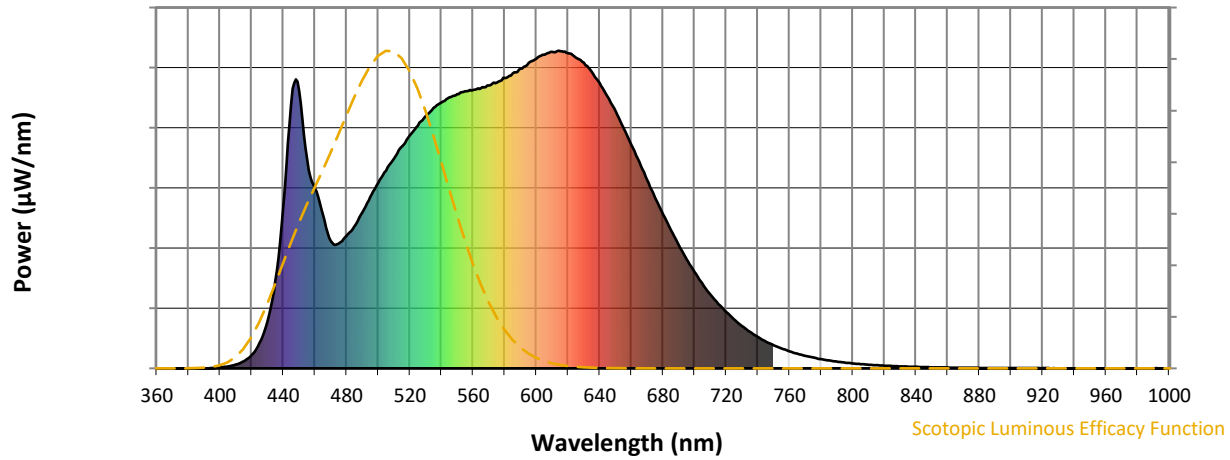


Photopic Lumens: NR

λ (nm)	Power 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	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



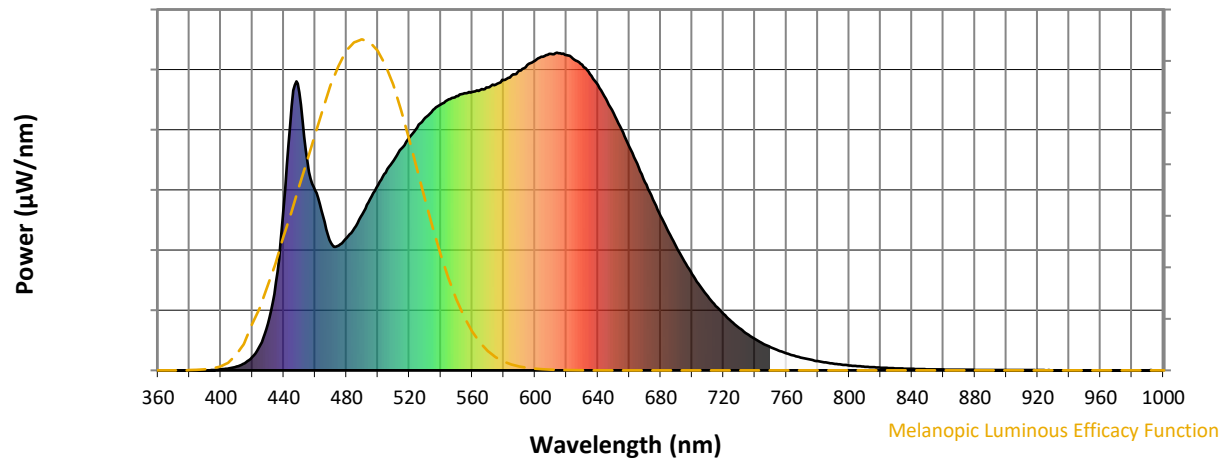
Scotopic Lumens: NR

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

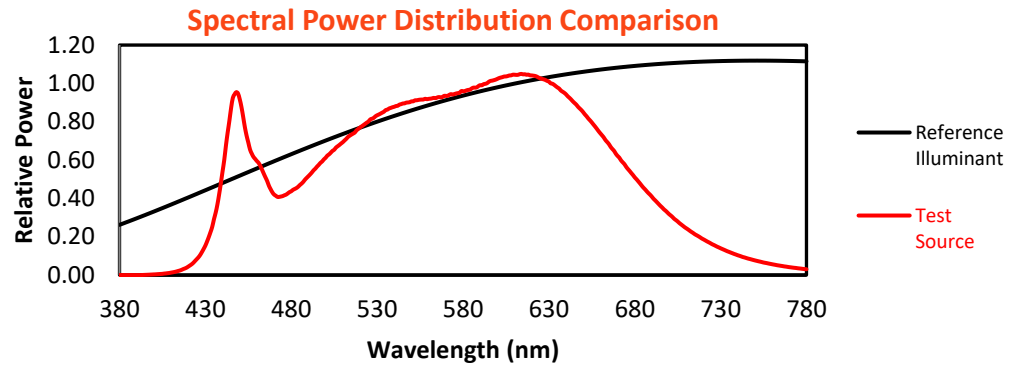
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	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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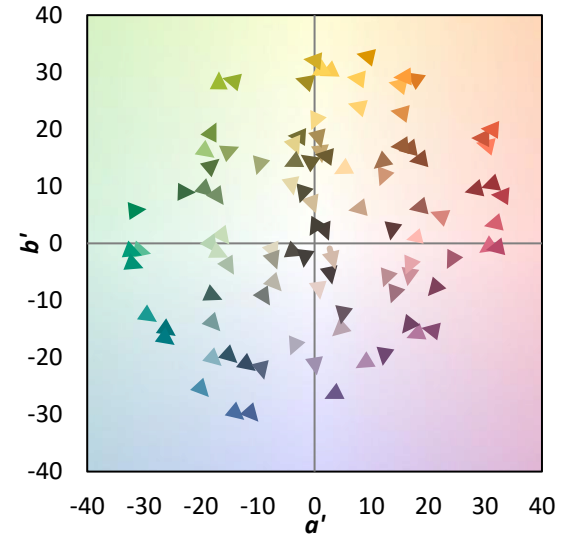
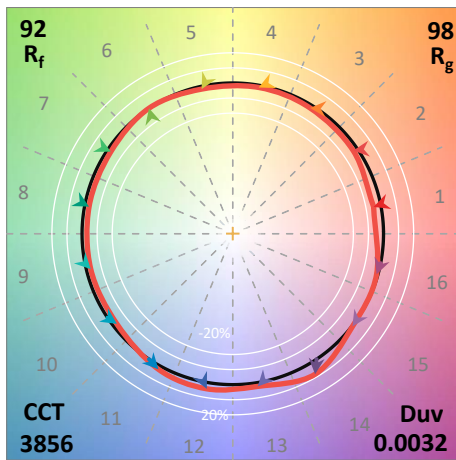
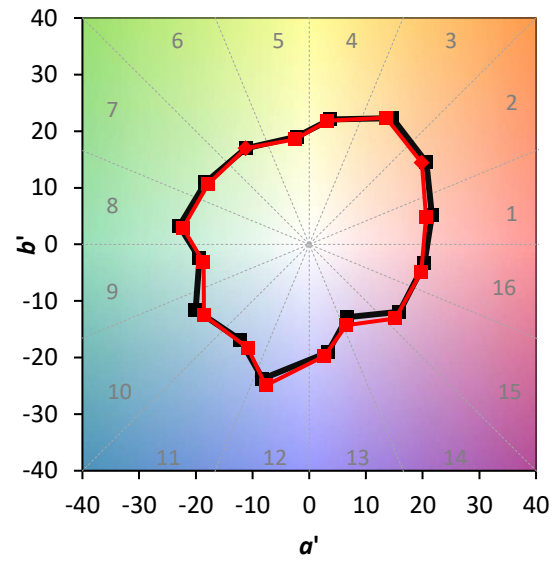
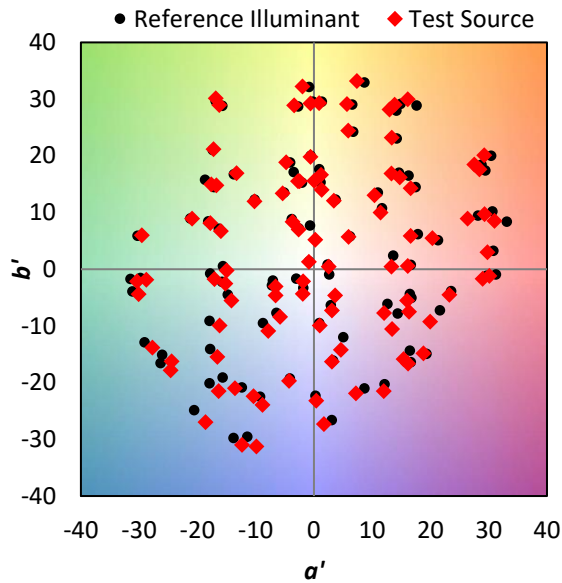
TM-30-18

Summary

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

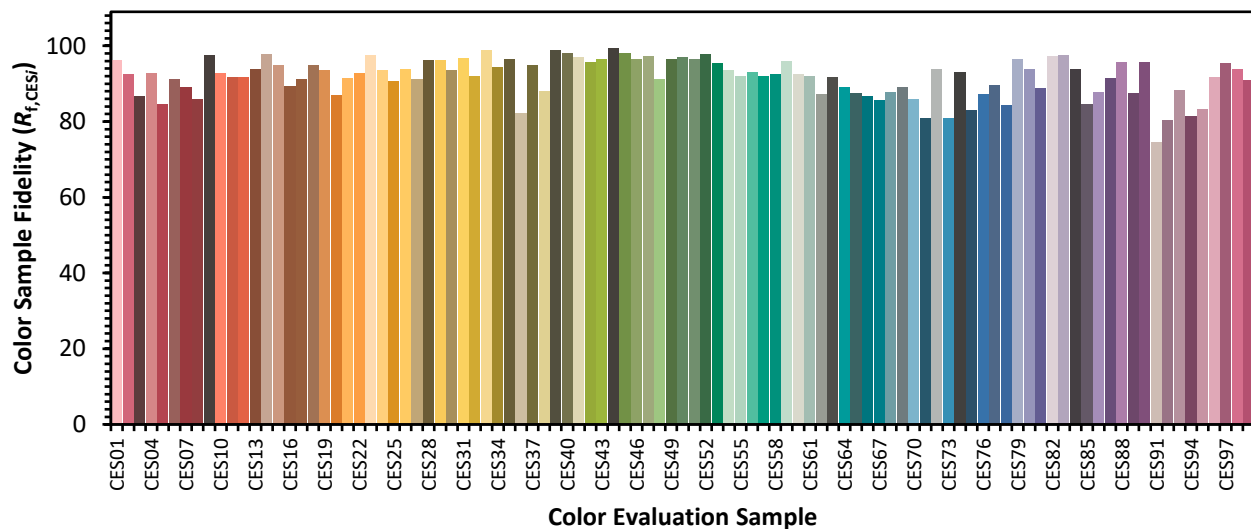


Color Vector Graphics

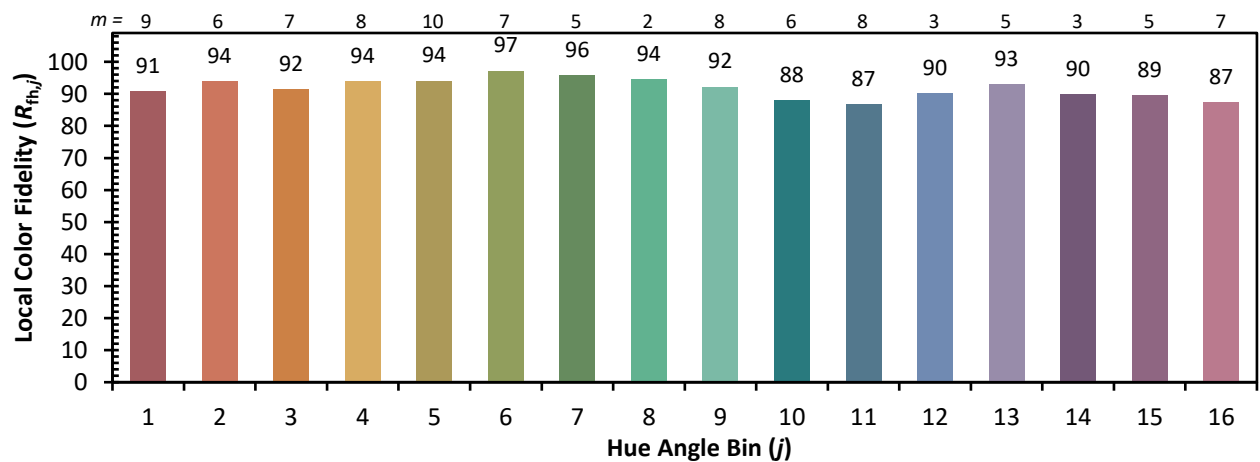
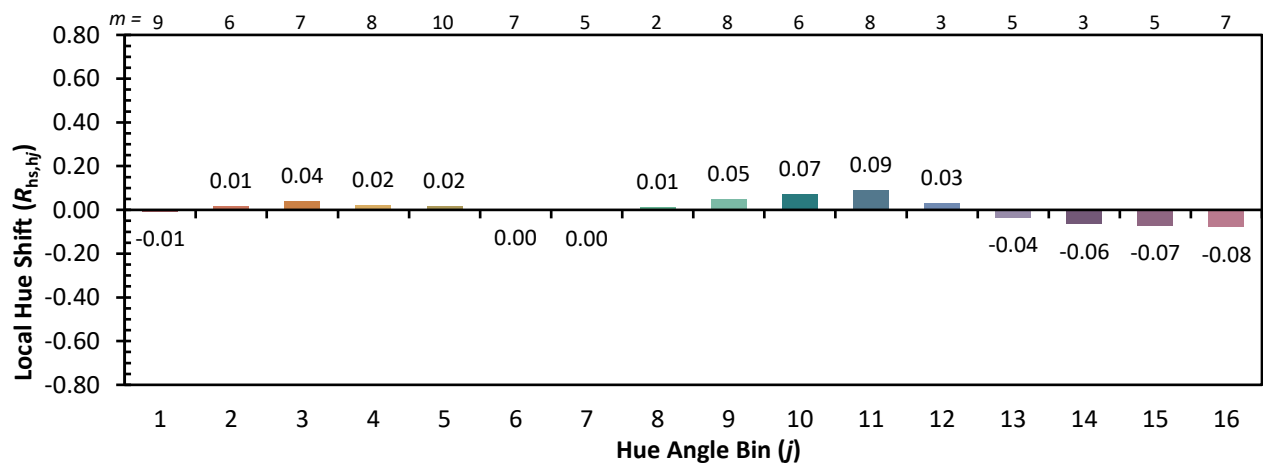
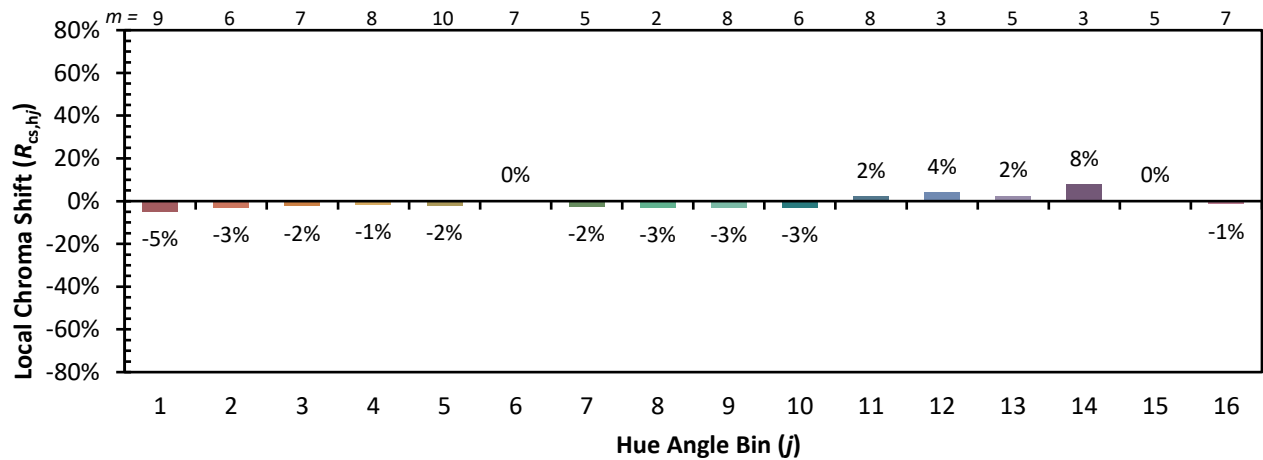


Individual Sample Fidelity Index ($R_{f,i}$)

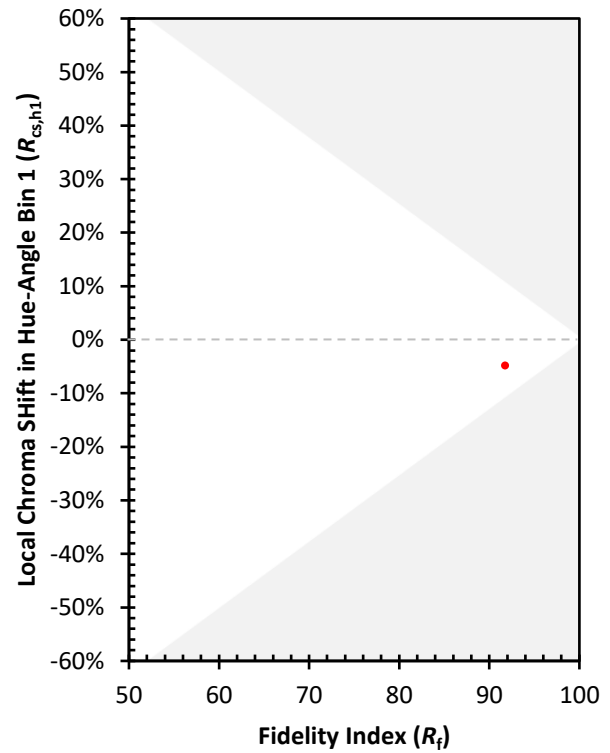
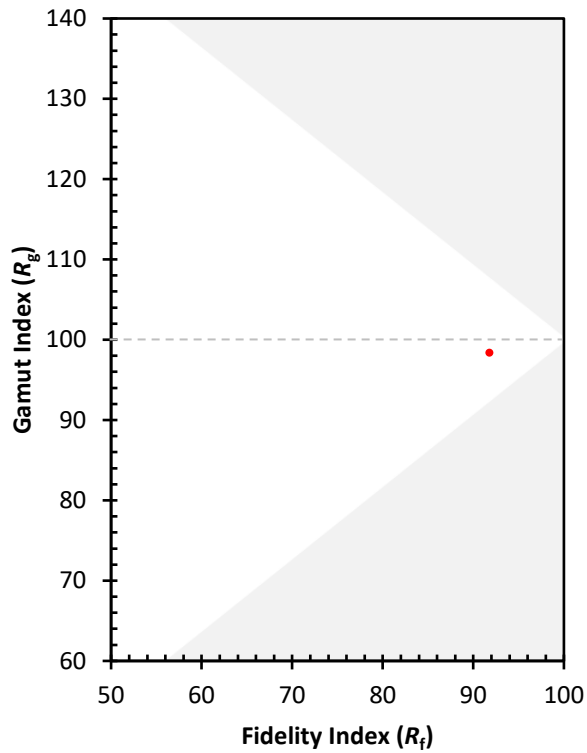
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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)