

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: P1048806

Luminaire Tested: **GALN-SA8B-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048806
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26498.1 lumens
Efficiency: N/A
Efficacy: 93.7 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

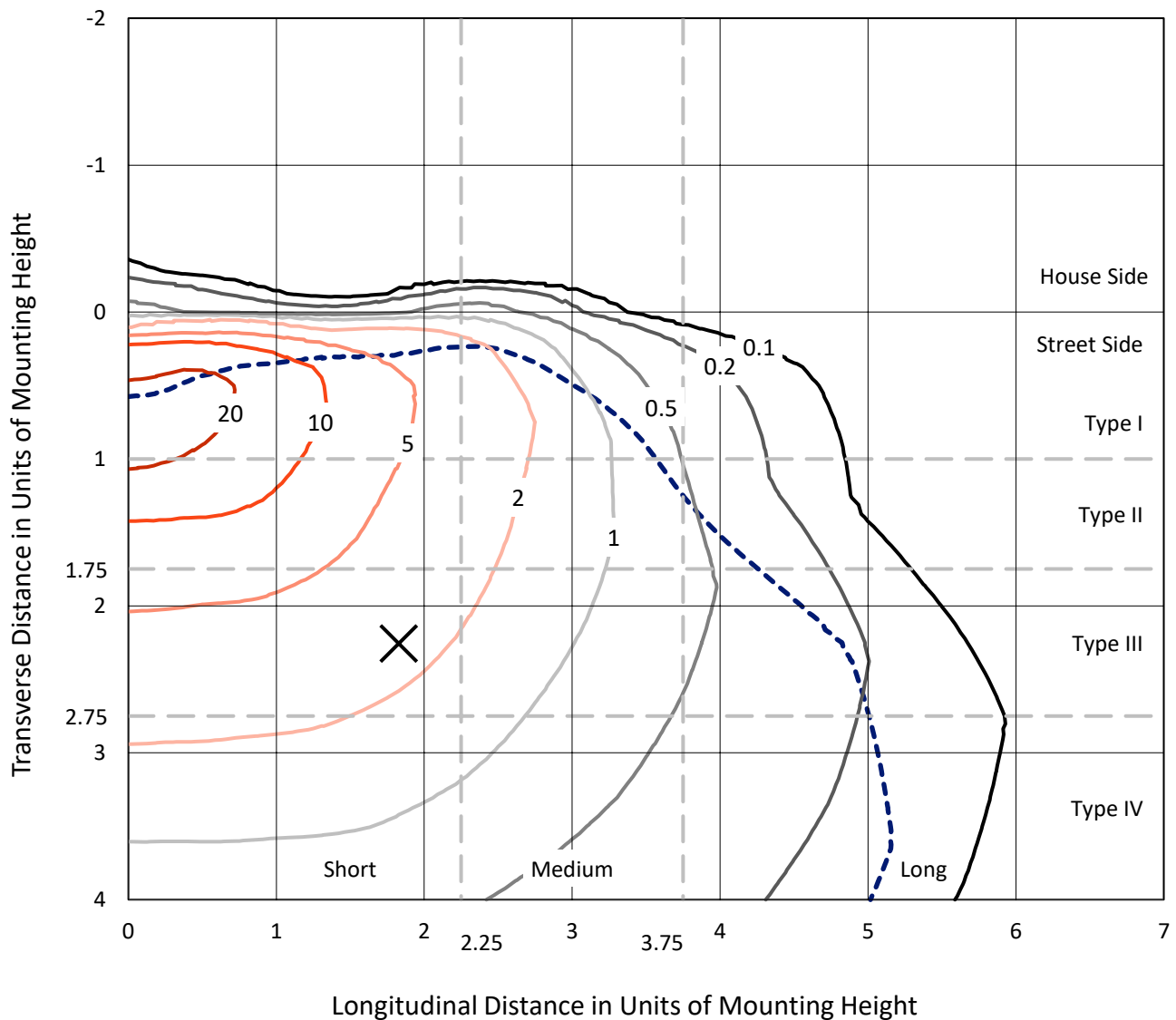


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CATALOG NUMBER: GALN-SA8B-940-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

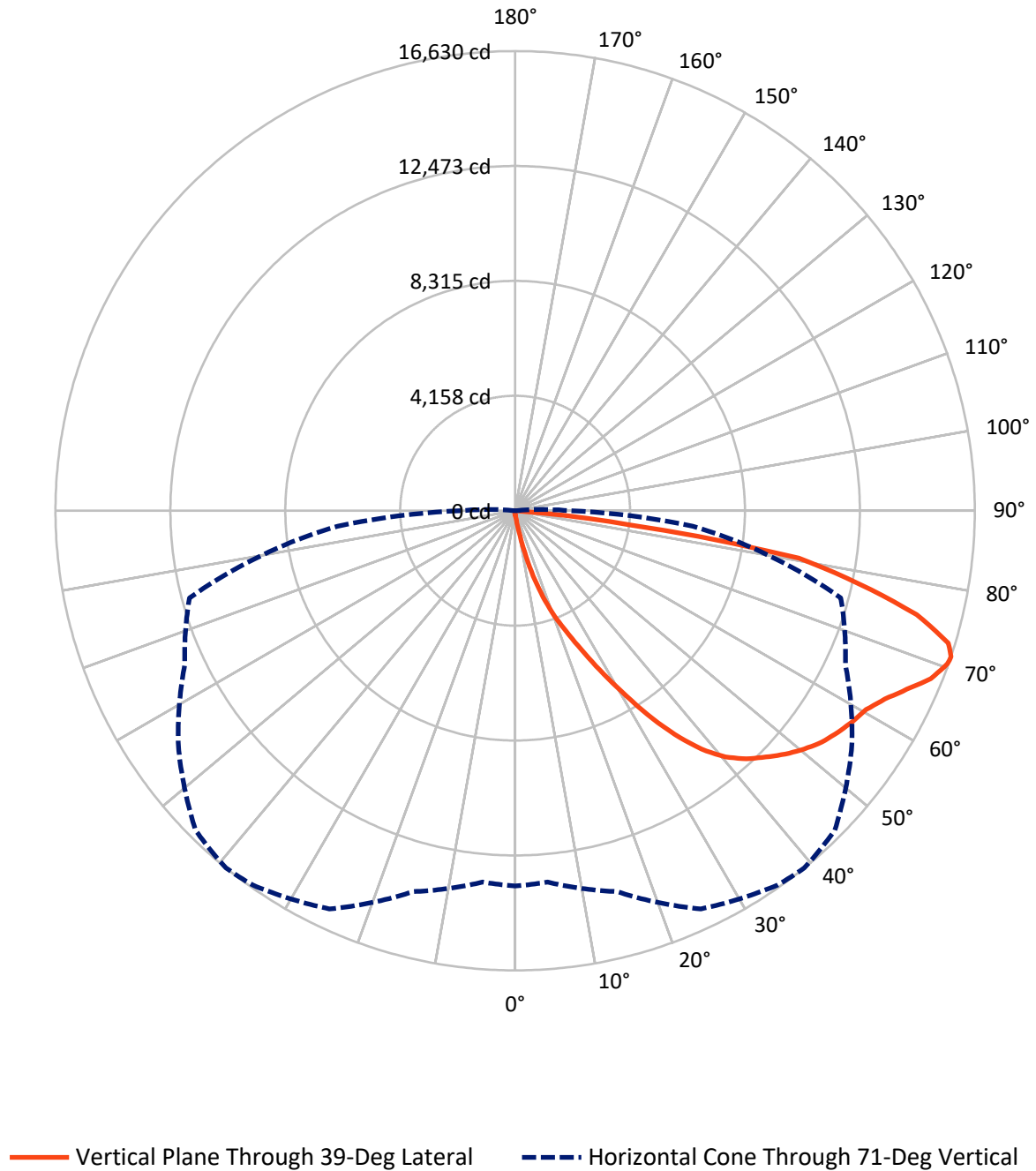


Based on 15 foot mounting height. Maximum calculated value = 27.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	94.2	0.0	94.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	26403.9	0.0	26403.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	26498.1	0.0	26498.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.1	0.1
10°-20°	283.2	1.1
20°-30°	1008.6	3.8
30°-40°	2430.8	9.2
40°-50°	4068.1	15.4
50°-60°	5225.0	19.7
60°-70°	6612.3	25.0
70°-80°	5895.1	22.2
80°-90°	952.9	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°	26498.1	100.0
0°-180°	26498.1	100.0



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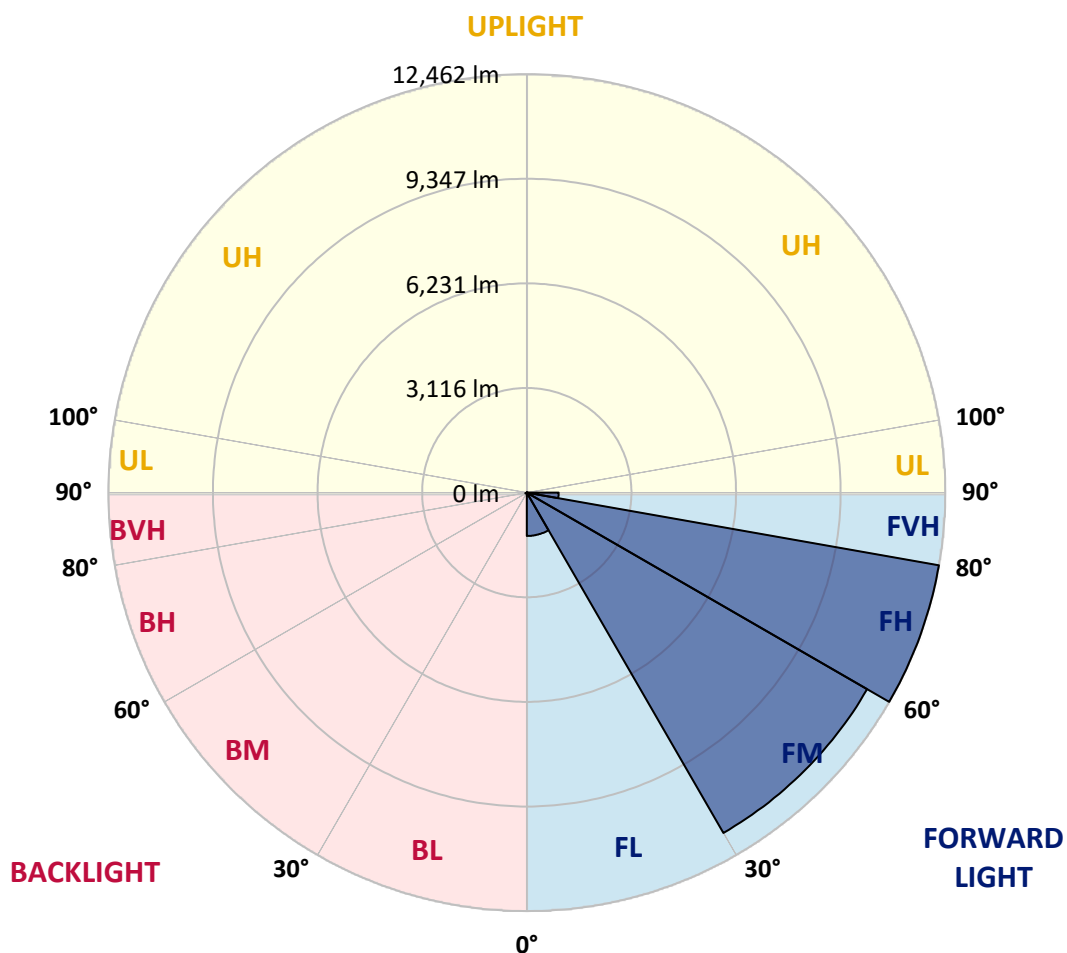
CATALOG NUMBER: GALN-SA8B-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1291.2	4.9			
FM	(30°-60°)	11702.1	44.2			
FH	(60°-80°)	12462.1	47.0			G5
FVH	(80°-90°)	948.6	3.6			G5
BL	(0°-30°)	22.8	0.1	B0/110		
BM	(30°-60°)	21.8	0.1	B0/220		
BH	(60°-80°)	45.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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°	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3
2.5°	166.8	166.8	166.8	161.4	161.4	159.6	157.9	157.9	154.3	152.5	148.9
5°	252.9	247.5	235.0	227.8	213.5	204.5	195.5	183.0	170.4	161.4	150.7
7.5°	572.2	584.8	543.5	466.4	387.5	353.4	296.0	238.6	197.3	170.4	152.5
10°	1458.3	1451.2	1311.3	1157.0	893.3	787.5	617.1	389.3	254.7	186.6	154.3
12.5°	2480.8	2473.6	2308.6	2098.7	1750.7	1530.1	1207.2	726.5	365.9	211.7	154.3
15°	3340.0	3311.3	3259.3	3051.2	2644.0	2459.3	2032.4	1284.3	591.9	254.7	157.9
17.5°	3908.6	3883.5	3835.1	3759.8	3501.5	3282.6	2940.0	2018.0	957.9	330.1	165.0
20°	4430.6	4412.7	4373.2	4358.9	4192.1	4075.5	3792.1	2861.1	1492.4	448.4	175.8
22.5°	5148.1	5110.5	5126.6	5040.5	4877.3	4737.4	4563.4	3743.6	2145.4	645.8	195.5
25°	6027.1	6009.2	5964.3	5903.3	5677.3	5555.3	5288.1	4575.9	2875.4	904.1	217.0
27.5°	7089.0	7069.3	7058.5	6918.6	6658.5	6525.8	6152.7	5361.6	3697.0	1266.4	245.7
30°	8312.4	8321.3	8251.4	8072.0	7768.9	7582.3	7198.4	6185.0	4538.3	1691.5	276.2
32.5°	9578.8	9560.8	9453.2	9241.6	8970.7	8796.7	8308.8	7087.2	5420.8	2253.0	312.1
35°	10943.9	10909.8	10626.4	10384.2	10152.8	9934.0	9489.1	8134.8	6303.3	2882.6	360.5
37.5°	12321.5	12161.8	11593.2	11286.5	11126.8	10947.4	10533.1	9252.3	7180.5	3585.8	419.7
40°	13361.9	13238.1	12563.6	11998.6	11871.2	11718.8	11410.2	10217.4	8113.3	4340.9	491.5
42.5°	13937.7	13869.5	13263.2	12705.3	12405.8	12271.3	12007.6	11060.5	9035.3	5175.1	595.5
45°	14183.4	14077.6	13672.2	13412.1	12935.0	12712.5	12398.6	11697.2	9998.5	6122.2	740.8
47.5°	14108.1	14047.1	13756.5	13851.6	13505.4	13159.2	12698.2	12185.2	10821.9	7209.2	939.9
50°	13634.5	13582.5	13492.8	14007.6	13964.6	13555.6	13085.6	12570.8	11494.5	8330.3	1248.5
52.5°	12734.0	12712.5	12942.1	13885.7	14224.7	13905.4	13458.7	12911.6	12122.4	9501.7	1689.7
55°	11573.5	11661.4	12317.9	13695.5	14357.4	14163.7	13788.8	13230.9	12626.4	10549.2	2340.9
57.5°	11096.3	11119.6	11939.4	13561.0	14416.6	14391.5	14109.9	13535.9	13089.2	11386.9	3334.6
60°	11654.2	11618.3	12050.6	13663.2	14535.0	14596.0	14395.1	13819.3	13491.0	12106.2	4658.4
62.5°	12662.3	12642.6	12780.7	14099.1	14881.2	15005.0	14791.5	14023.8	13846.2	12579.8	6168.8
65°	13562.8	13521.5	13778.0	14872.2	15489.3	15577.2	15390.6	14373.6	14002.2	12924.2	7587.7
67.5°	13952.0	13943.1	14355.6	15607.7	16127.9	16223.0	16059.7	14856.1	13966.4	13033.6	8213.7
70°	13774.4	13740.4	14400.5	15919.8	16488.4	16596.1	16438.2	15035.5	13577.1	12687.4	7286.3
71°	13578.9	13487.4	14265.9	15898.3	16538.7	16630.1	16353.9	14872.2	13186.1	12195.9	6445.1
72.5°	12972.6	12988.8	13896.4	15674.1	16418.5	16391.6	15876.8	14287.5	12714.3	11080.2	5176.9
75°	11480.2	11575.3	12700.0	14732.3	15345.8	15003.2	14215.7	13169.9	11767.2	7944.7	3594.7
77.5°	9381.5	9523.2	10759.1	12920.6	12746.6	12712.5	12680.2	11604.0	10048.8	4267.4	2500.5
80°	4479.1	4785.8	6489.9	9223.6	10020.1	10405.7	10163.6	9351.0	7770.7	2032.4	1494.2
82.5°	292.4	288.8	409.0	774.9	3266.5	4222.6	6708.7	6683.6	5417.2	990.2	609.9
85°	138.1	141.7	156.1	177.6	206.3	226.0	312.1	1829.7	2592.0	471.8	132.7
87.5°	80.7	82.5	96.9	123.8	161.4	179.4	213.5	274.4	337.2	260.1	28.7
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-SA8B-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3
2.5°	147.1	145.3	139.9	134.5	129.2	125.6	123.8	125.6	125.6	127.4	127.4
5°	147.1	141.7	132.7	122.0	114.8	107.6	104.0	102.2	104.0	104.0	104.0
7.5°	145.3	136.3	123.8	111.2	102.2	93.3	89.7	87.9	87.9	89.7	89.7
10°	141.7	132.7	116.6	102.2	91.5	80.7	75.3	70.0	70.0	70.0	71.8
12.5°	139.9	127.4	107.6	93.3	78.9	66.4	55.6	50.2	52.0	52.0	52.0
15°	136.3	122.0	102.2	84.3	66.4	50.2	41.3	35.9	37.7	39.5	37.7
17.5°	136.3	120.2	95.1	73.5	52.0	37.7	30.5	26.9	26.9	28.7	28.7
20°	136.3	116.6	89.7	62.8	39.5	28.7	21.5	19.7	19.7	23.3	25.1
22.5°	139.9	116.6	82.5	52.0	32.3	21.5	16.1	14.4	16.1	19.7	21.5
25°	145.3	114.8	75.3	46.6	26.9	16.1	12.6	9.0	10.8	14.4	16.1
27.5°	150.7	113.0	68.2	41.3	21.5	12.6	9.0	7.2	5.4	7.2	7.2
30°	156.1	113.0	61.0	34.1	17.9	9.0	5.4	3.6	1.8	0.0	0.0
32.5°	159.6	109.4	55.6	26.9	14.4	7.2	3.6	1.8	0.0	0.0	0.0
35°	163.2	105.8	48.4	21.5	10.8	5.4	1.8	0.0	0.0	0.0	0.0
37.5°	166.8	100.5	41.3	17.9	9.0	3.6	0.0	0.0	0.0	0.0	0.0
40°	170.4	93.3	34.1	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	174.0	87.9	28.7	12.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	183.0	84.3	23.3	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	199.1	80.7	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	222.4	77.1	19.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	254.7	75.3	17.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	312.1	73.5	16.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	410.8	71.8	16.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	629.6	68.2	16.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1124.7	66.4	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1960.6	68.2	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2810.9	71.8	12.6	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	2405.5	62.8	12.6	7.2	3.6	1.8	0.0	0.0	0.0	0.0	0.0
71°	1960.6	55.6	12.6	7.2	3.6	1.8	1.8	0.0	0.0	0.0	0.0
72.5°	1261.0	43.1	10.8	7.2	3.6	3.6	1.8	0.0	0.0	0.0	0.0
75°	532.8	35.9	10.8	7.2	5.4	3.6	3.6	1.8	0.0	0.0	0.0
77.5°	227.8	26.9	10.8	9.0	7.2	5.4	5.4	3.6	1.8	0.0	0.0
80°	86.1	21.5	12.6	10.8	9.0	9.0	7.2	3.6	1.8	0.0	0.0
82.5°	39.5	17.9	12.6	10.8	10.8	9.0	7.2	5.4	3.6	0.0	0.0
85°	25.1	16.1	12.6	10.8	10.8	9.0	9.0	5.4	3.6	0.0	0.0
87.5°	19.7	16.1	12.6	12.6	10.8	10.8	7.2	5.4	1.8	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

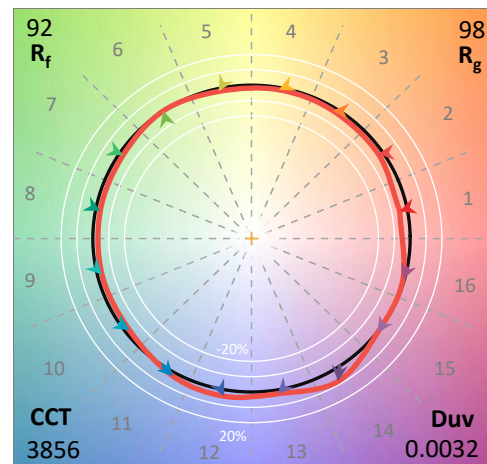
Test Information

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

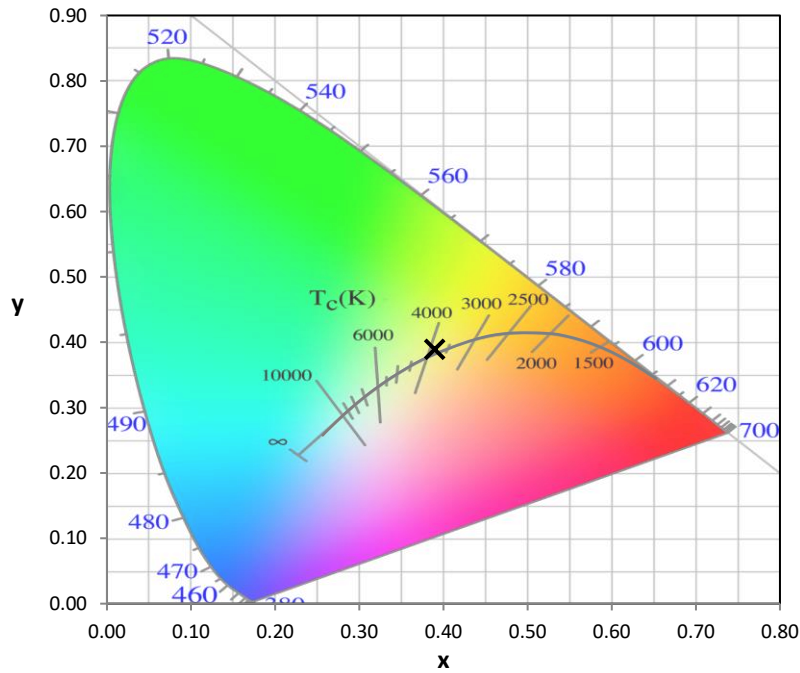
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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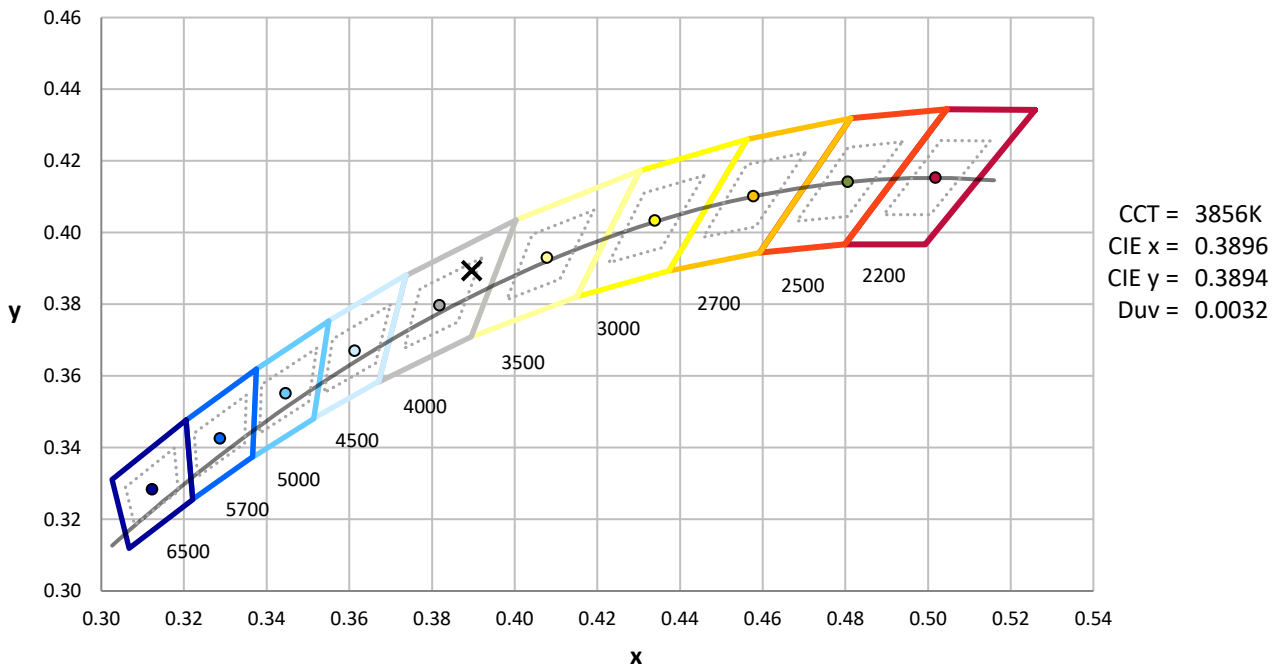
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



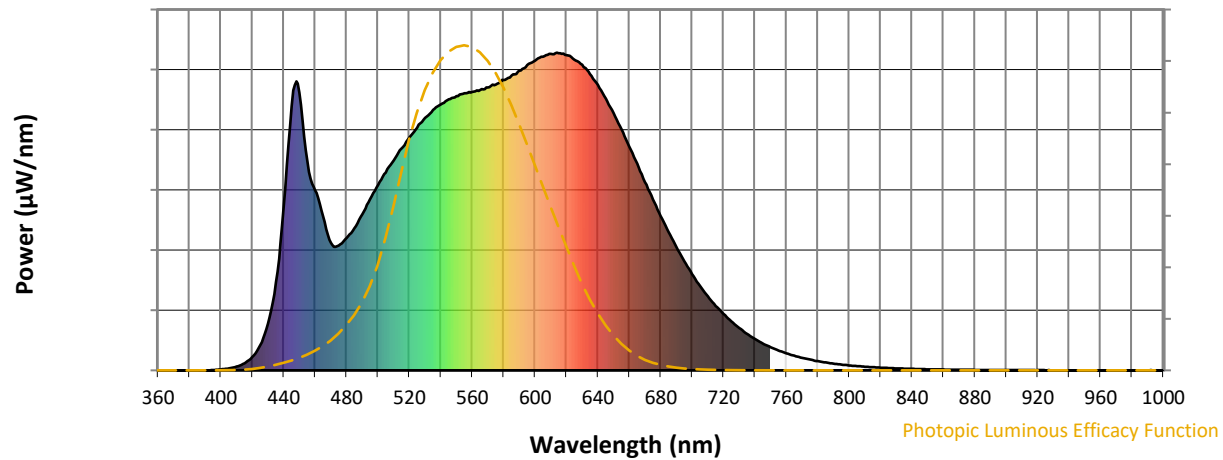
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

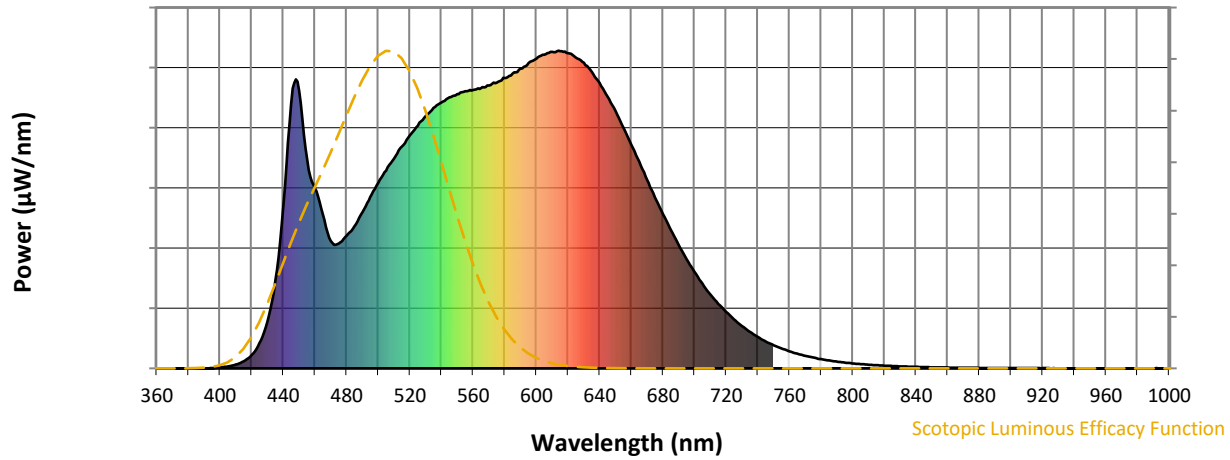


Photopic Lumens: NR

λ (nm)	Power W [^] /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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Scotopic Flux vs. Wavelength



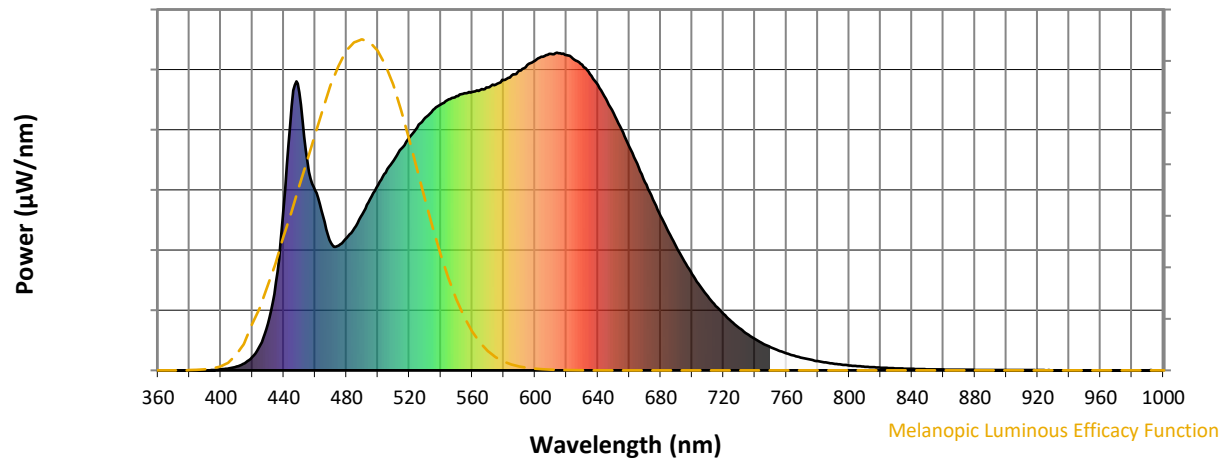
Scotopic Lumens: NR

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

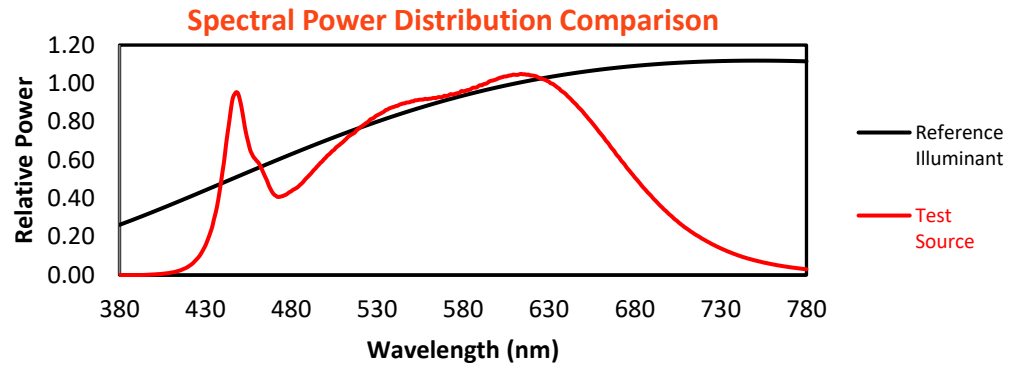
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	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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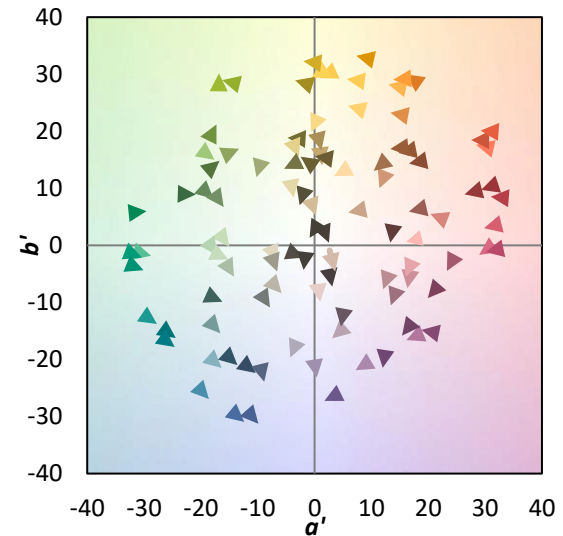
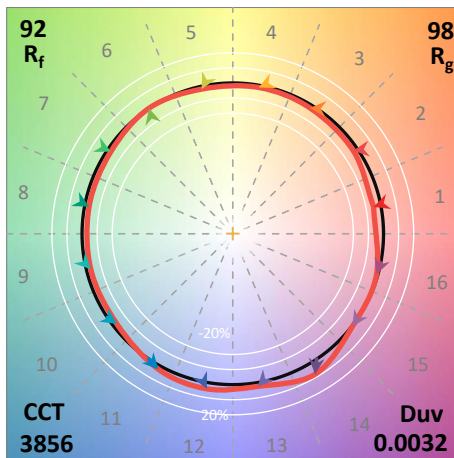
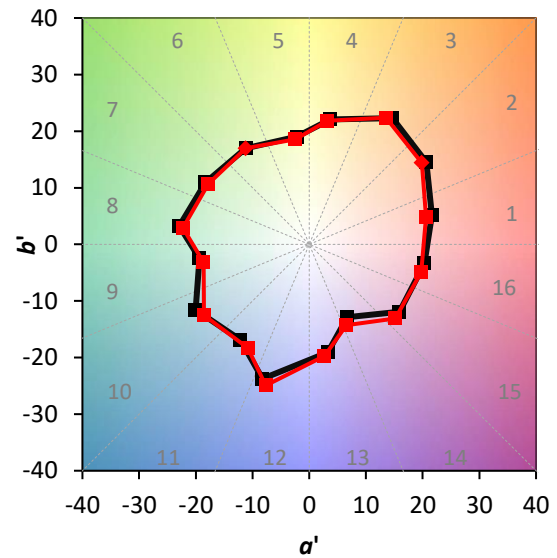
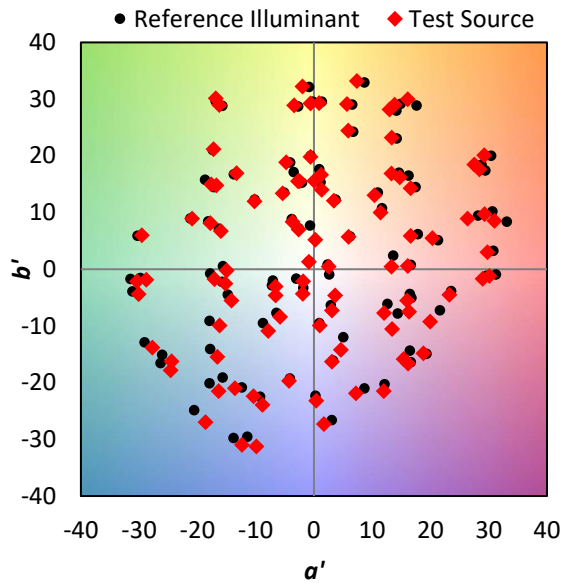
TM-30-18

Summary

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

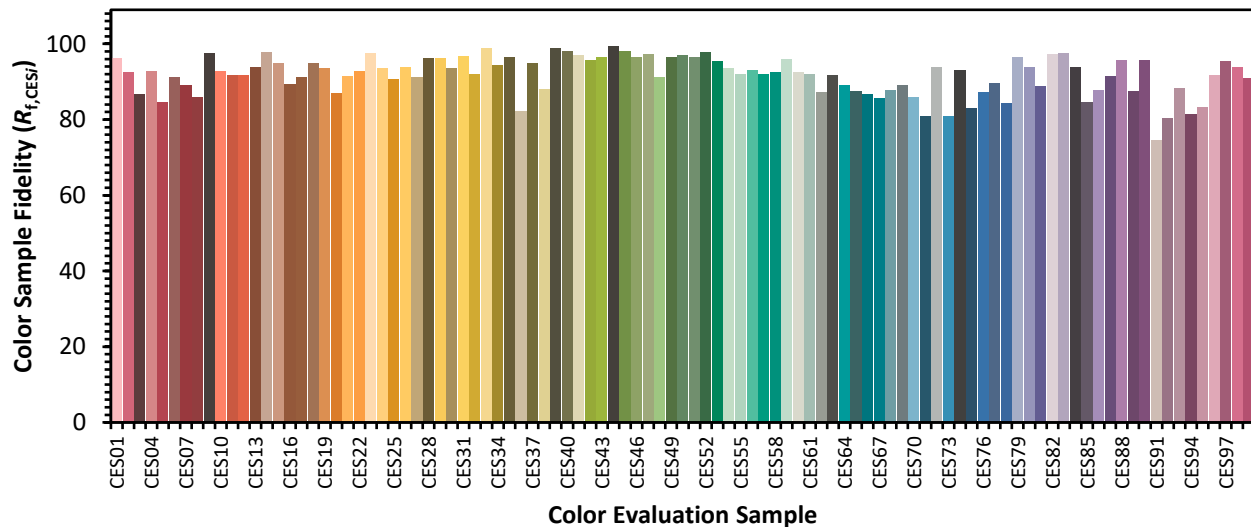


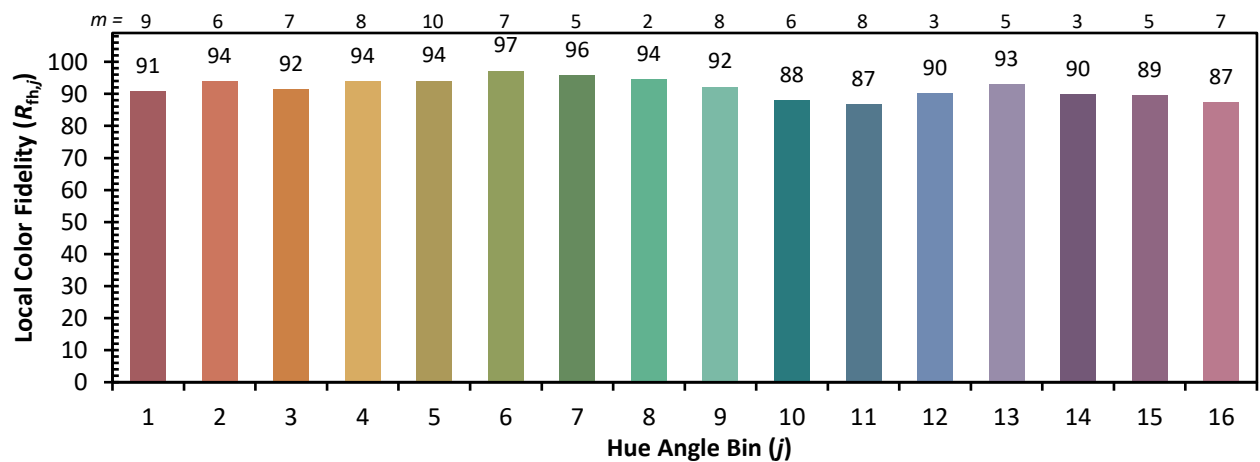
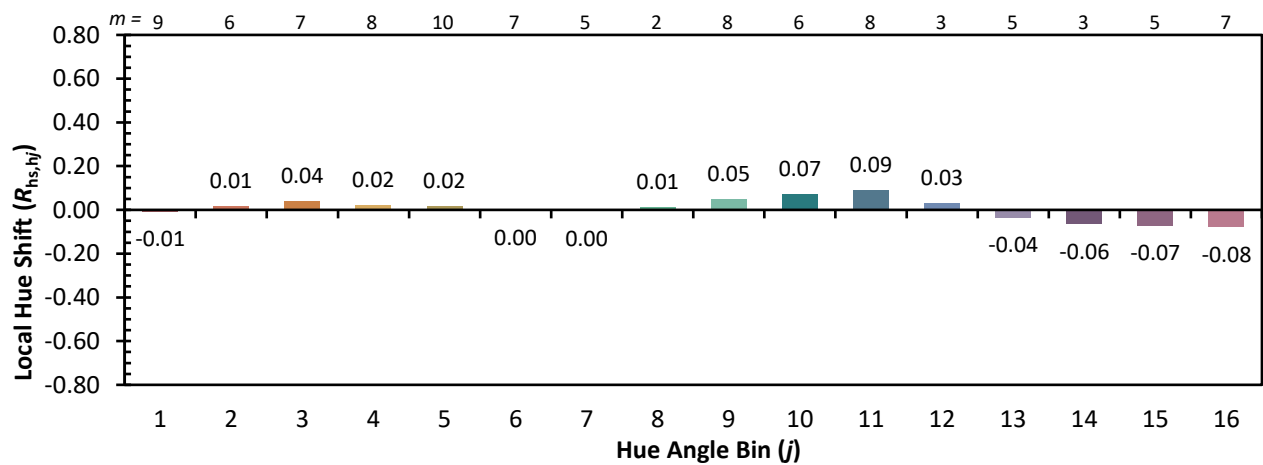
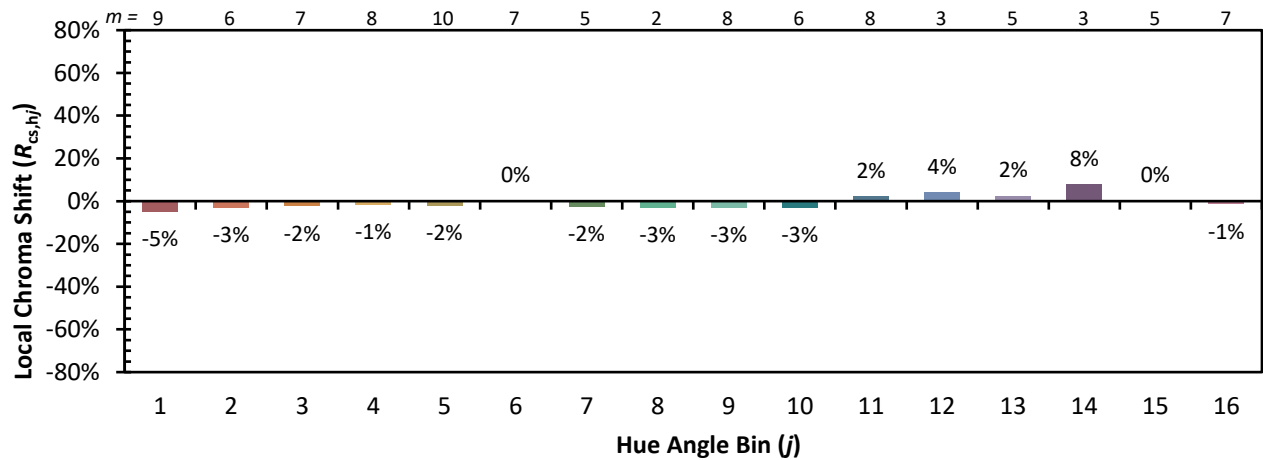
Color Vector Graphics



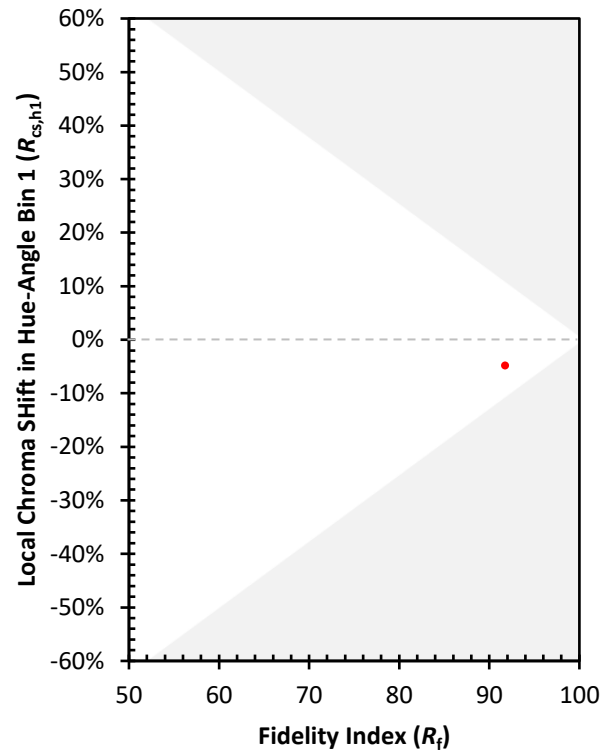
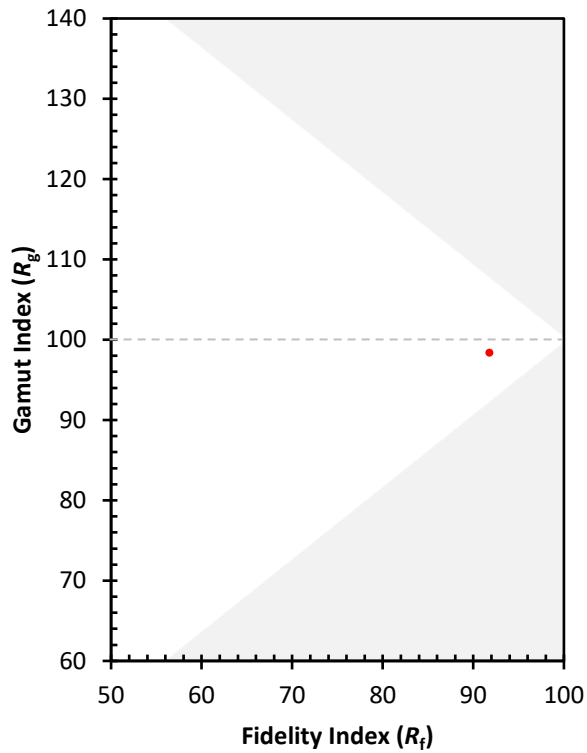
Individual Sample Fidelity Index ($R_{f,i}$)

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)