

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: P1048189

Luminaire Tested: **GALN-SA7A-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048189
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18170.3 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 193.1
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

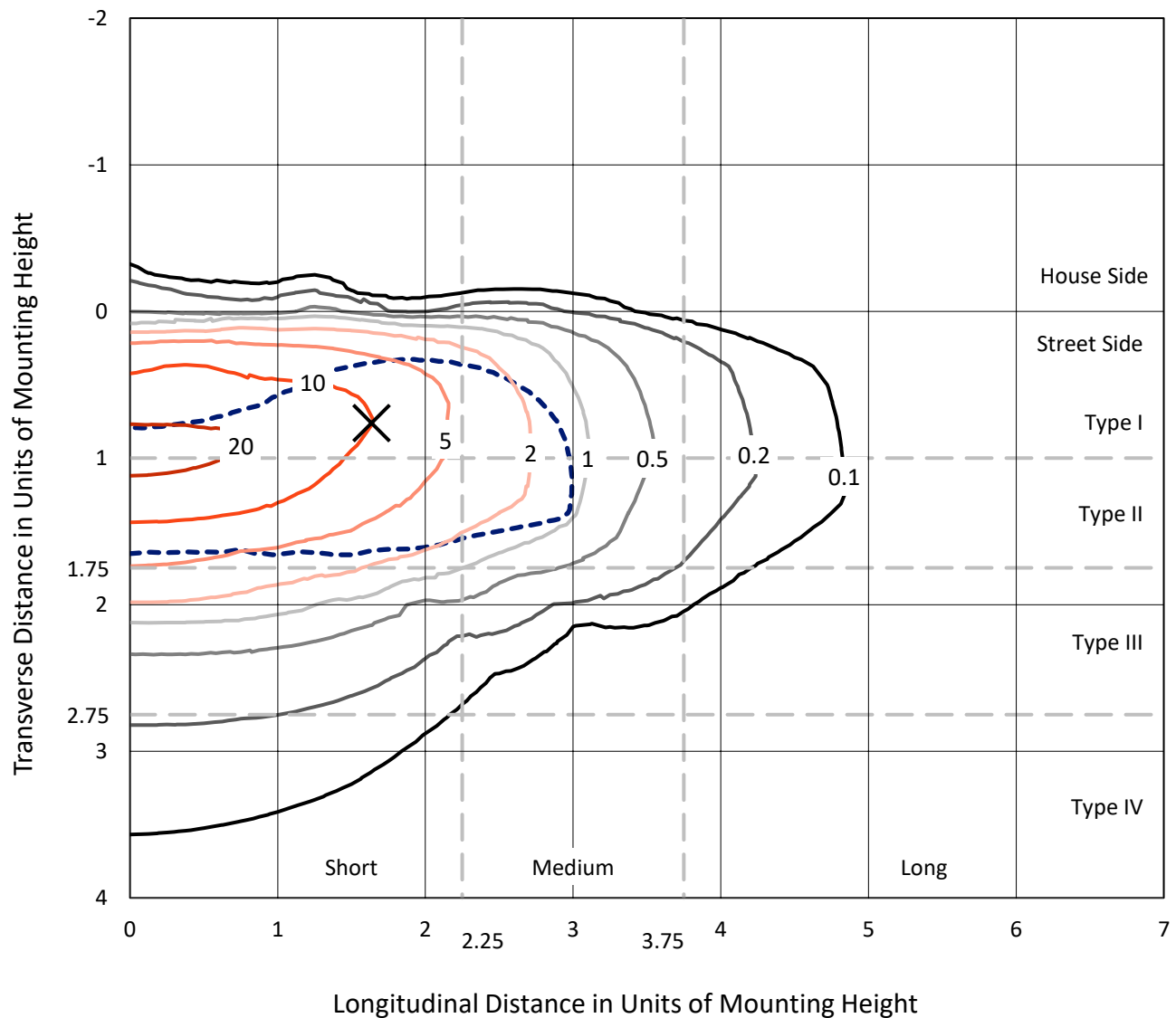


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

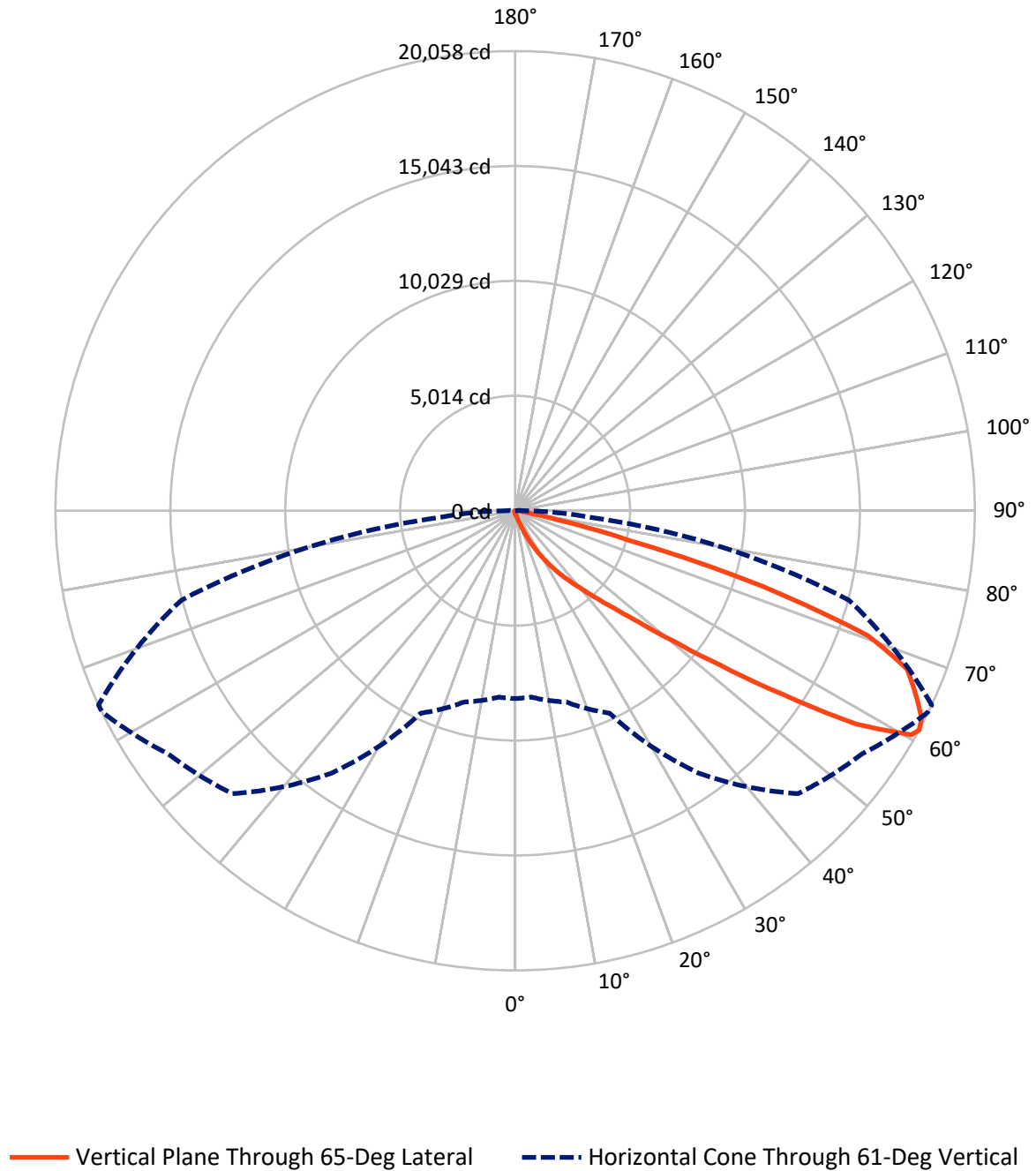


Based on 15 foot mounting height. Maximum calculated value = 24 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.5	0.0	77.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18092.8	0.0	18092.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	18170.3	0.0	18170.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	0.1
10°-20°	149.4	0.8
20°-30°	536.2	3.0
30°-40°	1427.7	7.9
40°-50°	3750.5	20.6
50°-60°	5810.2	32.0
60°-70°	4871.7	26.8
70°-80°	1433.7	7.9
80°-90°	176.8	1.0
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°	18170.3	100.0
0°-180°	18170.3	100.0



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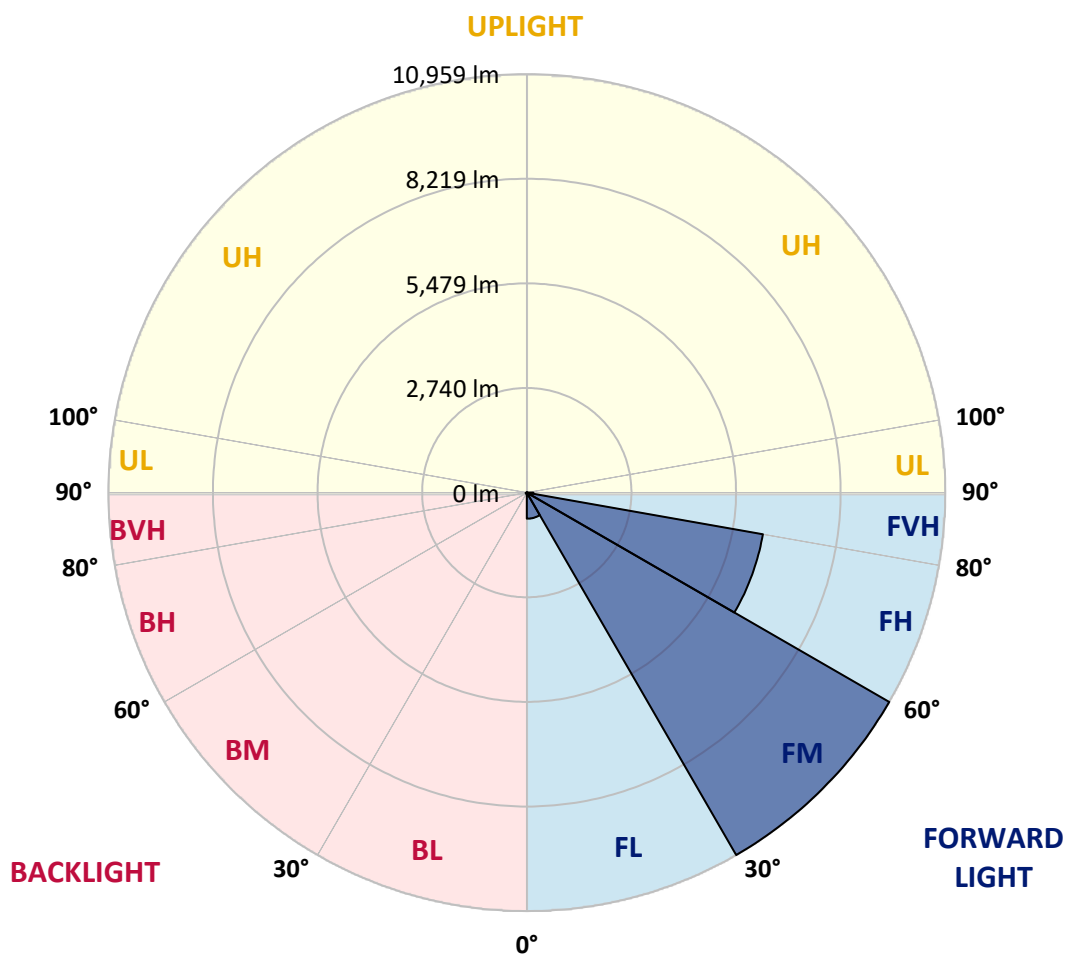
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	682.4	3.8			
FM	(30°-60°)	10958.8	60.3			
FH	(60°-80°)	6278.1	34.6			G3/7500
FVH	(80°-90°)	173.6	1.0			G2/225
BL	(0°-30°)	17.4	0.1	B0/110		
BM	(30°-60°)	29.5	0.2	B0/220		
BH	(60°-80°)	27.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2
2.5°	135.0	136.2	133.7	128.7	125.0	125.0	123.7	120.0	120.0	116.2	113.7
5°	188.7	186.2	181.2	171.2	162.5	153.7	145.0	136.2	135.0	123.7	116.2
7.5°	308.7	311.2	295.0	263.7	237.5	203.7	172.5	153.7	151.2	132.5	117.5
10°	677.5	658.7	621.2	500.0	411.2	310.0	230.0	178.7	176.2	142.5	120.0
12.5°	1234.9	1219.9	1151.2	1026.2	797.5	555.0	336.2	221.2	213.7	151.2	121.2
15°	1779.9	1756.1	1718.6	1592.4	1324.9	994.9	550.0	302.5	282.5	163.7	120.0
17.5°	2127.4	2131.1	2097.4	2043.6	1871.1	1472.4	949.9	451.2	412.5	186.2	117.5
20°	2431.1	2422.4	2441.1	2412.4	2291.1	2001.1	1382.4	715.0	648.7	222.5	118.7
22.5°	2781.1	2802.3	2816.1	2809.8	2676.1	2428.6	1873.6	1069.9	986.2	288.7	122.5
25°	3249.8	3247.3	3248.6	3232.3	3102.3	2827.3	2366.1	1511.2	1426.2	396.2	131.2
27.5°	3741.0	3756.0	3762.3	3703.5	3533.5	3263.6	2822.3	1993.6	1893.6	568.7	142.5
30°	4412.2	4399.7	4371.0	4251.0	4044.8	3709.8	3272.3	2499.9	2394.9	810.0	160.0
32.5°	5317.2	5303.4	5158.4	4893.5	4584.7	4174.8	3724.8	3007.3	2879.8	1111.2	183.7
35°	6808.3	6829.6	6473.4	5787.2	5233.4	4733.5	4226.0	3512.3	3399.8	1482.4	216.2
37.5°	9092.0	8975.7	8492.0	7279.6	6087.1	5430.9	4704.7	4022.3	3924.8	1939.9	258.7
40°	11310.6	11195.6	11055.6	9906.9	7570.8	6199.6	5374.7	4621.0	4494.7	2456.1	321.2
42.5°	13642.9	13579.2	13572.9	12706.8	10278.1	7408.3	6180.9	5322.2	5214.7	3022.3	423.7
45°	15295.3	15231.6	15365.3	15516.6	13965.4	9998.2	7584.6	6233.4	6077.1	3709.8	587.5
47.5°	15517.8	15520.3	15877.8	16351.5	16705.3	14004.2	9454.4	7440.8	7250.8	4693.5	862.4
50°	14777.9	14806.6	15375.3	16222.8	17175.2	17365.2	12751.7	9193.2	8912.0	5859.7	1252.4
52.5°	13369.2	13401.7	14194.2	15587.8	16742.8	18172.7	16634.0	11485.6	11161.8	7314.6	1802.4
55°	12100.5	12120.5	13029.2	14790.4	16221.5	17734.0	18938.9	14546.6	14121.7	9104.5	2344.9
57.5°	10844.4	10798.1	11389.3	13405.5	16132.8	17195.2	19278.9	18035.2	17566.5	11060.6	2767.3
60°	9164.5	9087.0	9561.9	10844.4	14965.4	17549.0	18642.7	19965.1	19858.8	13784.2	3093.6
61°	8198.3	8165.8	8643.2	9743.2	13982.9	17459.0	18490.2	20046.3	20057.6	15072.9	3239.8
62.5°	5854.7	5947.1	6677.1	8107.0	11711.8	16875.3	18510.2	19795.1	19906.3	16785.3	3618.5
65°	2602.3	2751.1	3318.6	4482.2	6810.8	14037.9	18332.7	19243.9	19188.9	17255.2	4923.5
67.5°	1543.7	1566.2	1848.6	2539.9	3607.3	7550.8	16177.8	18515.2	18441.4	15021.6	6125.9
70°	1216.2	1227.4	1317.4	1593.7	2093.6	2892.3	9233.2	16019.1	16340.3	12180.5	5997.1
72.5°	1153.7	1151.2	1163.7	1212.4	1318.7	1434.9	3574.8	10648.1	11301.8	8772.0	5028.5
75°	1138.7	1133.7	1121.2	1102.4	954.9	845.0	1107.4	4709.7	5088.4	5993.4	3786.0
77.5°	1104.9	1106.2	1108.7	1057.4	818.7	597.5	536.2	1511.2	1858.6	3803.5	2691.1
80°	747.5	758.7	777.5	757.5	736.2	432.5	378.7	537.5	545.0	2134.9	1777.4
82.5°	378.7	378.7	370.0	330.0	285.0	281.2	301.2	390.0	395.0	1079.9	836.2
85°	228.7	241.2	246.2	223.7	205.0	188.7	230.0	310.0	321.2	418.7	195.0
87.5°	51.2	52.5	57.5	76.2	111.2	151.2	213.7	283.7	288.7	268.7	23.7
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-SA7A-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2
2.5°	112.5	110.0	108.7	105.0	101.2	97.5	95.0	93.7	95.0	96.2	96.2
5°	111.2	107.5	101.2	95.0	90.0	85.0	80.0	78.7	78.7	80.0	80.0
7.5°	111.2	105.0	96.2	88.7	81.2	73.7	70.0	67.5	68.7	68.7	68.7
10°	111.2	103.7	92.5	81.2	72.5	63.7	57.5	55.0	55.0	55.0	55.0
12.5°	110.0	102.5	88.7	75.0	62.5	52.5	45.0	41.2	42.5	42.5	42.5
15°	107.5	98.7	83.7	63.7	50.0	40.0	32.5	28.7	30.0	32.5	33.7
17.5°	103.7	95.0	75.0	53.7	40.0	30.0	22.5	20.0	21.2	25.0	25.0
20°	102.5	91.2	66.2	43.7	30.0	21.2	15.0	12.5	13.7	18.7	20.0
22.5°	102.5	88.7	60.0	36.2	22.5	13.7	8.7	5.0	5.0	8.7	8.7
25°	103.7	87.5	55.0	30.0	16.2	10.0	5.0	2.5	5.0	13.7	16.2
27.5°	106.2	86.2	52.5	25.0	12.5	8.7	3.7	8.7	15.0	15.0	15.0
30°	108.7	83.7	48.7	21.2	11.2	6.2	6.2	12.5	12.5	15.0	16.2
32.5°	112.5	82.5	46.2	18.7	8.7	5.0	8.7	7.5	7.5	8.7	10.0
35°	120.0	83.7	43.7	18.7	8.7	6.2	7.5	3.7	2.5	2.5	2.5
37.5°	130.0	85.0	40.0	16.2	7.5	7.5	3.7	0.0	0.0	0.0	0.0
40°	146.2	88.7	37.5	15.0	6.2	6.2	1.2	0.0	0.0	0.0	0.0
42.5°	173.7	96.2	36.2	13.7	6.2	5.0	0.0	0.0	0.0	0.0	0.0
45°	228.7	113.7	33.7	12.5	6.2	2.5	0.0	0.0	0.0	0.0	0.0
47.5°	328.7	155.0	32.5	10.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	480.0	210.0	31.2	8.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	612.5	221.2	21.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	627.5	152.5	16.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	500.0	98.7	13.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	378.7	75.0	12.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	363.7	67.5	12.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	401.2	58.7	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	652.5	48.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1133.7	42.5	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1432.4	40.0	7.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1248.7	36.2	7.5	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	751.2	31.2	7.5	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	393.7	23.7	7.5	6.2	3.7	1.2	0.0	0.0	0.0	0.0	0.0
80°	191.2	21.2	8.7	6.2	5.0	2.5	0.0	0.0	0.0	0.0	0.0
82.5°	75.0	17.5	10.0	8.7	6.2	3.7	1.2	0.0	0.0	0.0	0.0
85°	33.7	15.0	11.2	10.0	8.7	5.0	1.2	0.0	0.0	0.0	0.0
87.5°	17.5	13.7	12.5	11.2	8.7	6.2	2.5	0.0	0.0	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

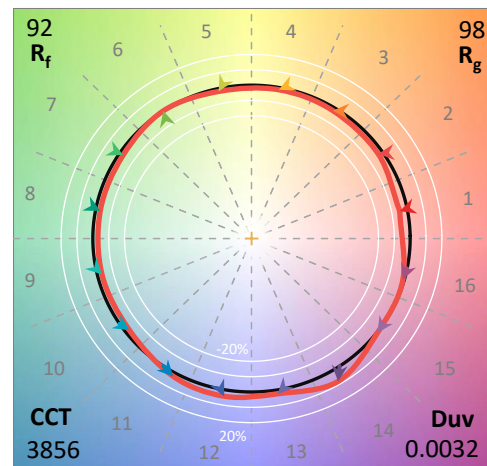
Test Information

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

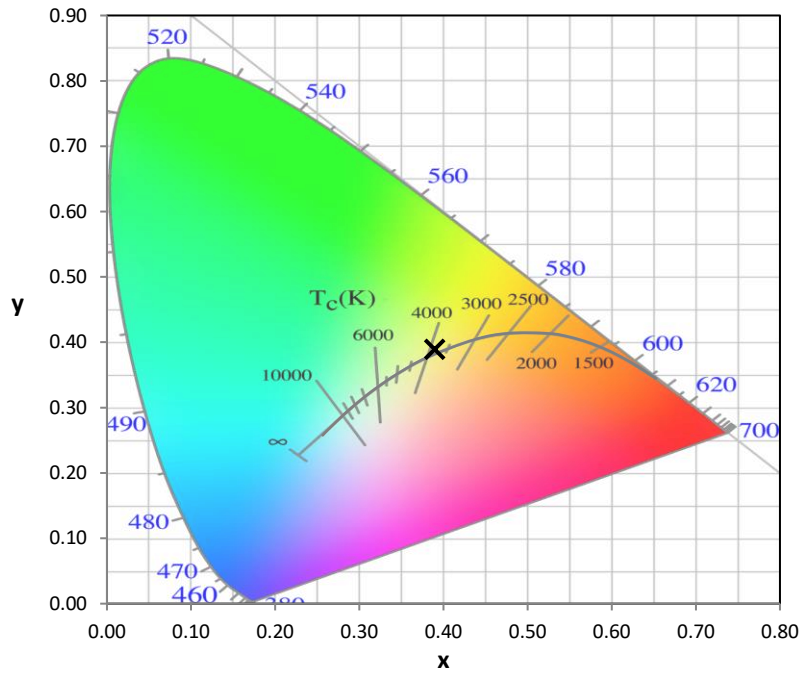
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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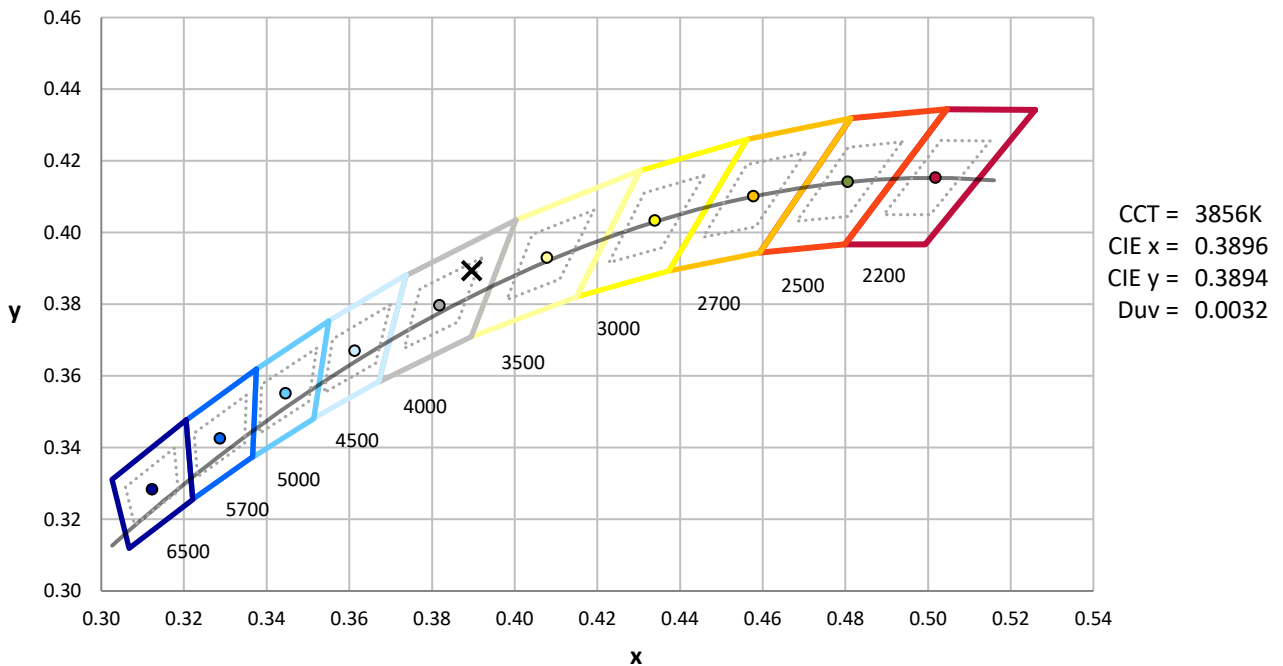
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



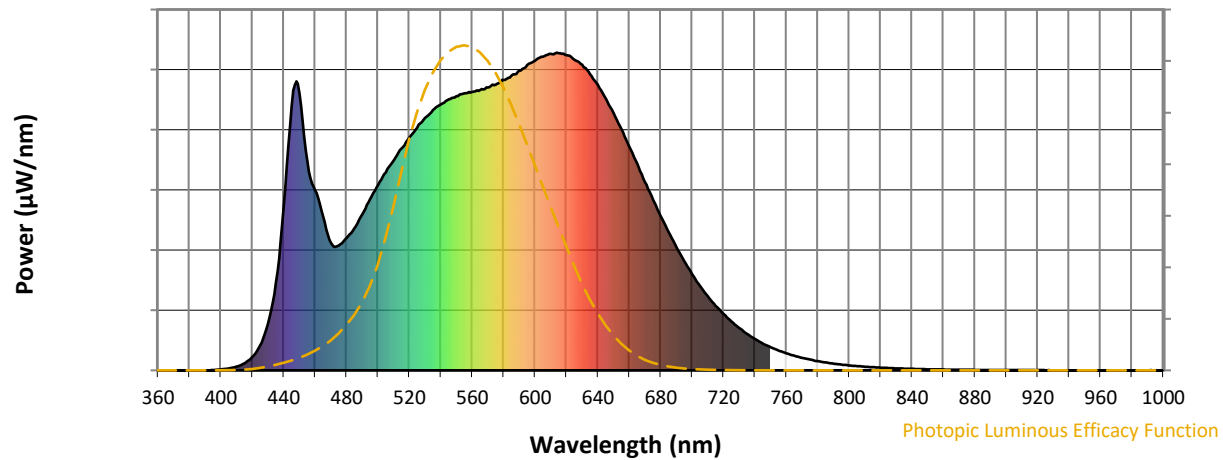
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

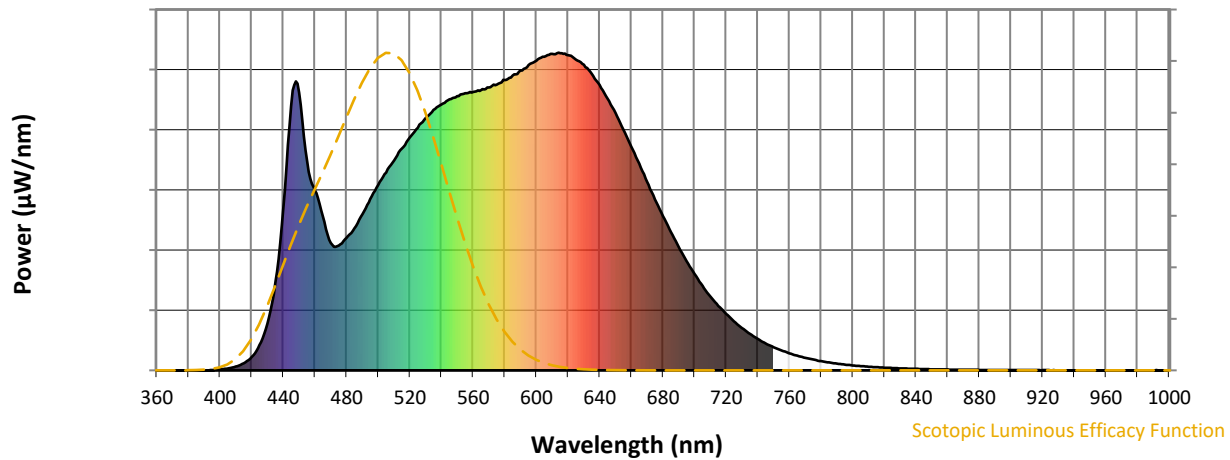


Photopic Lumens: NR

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



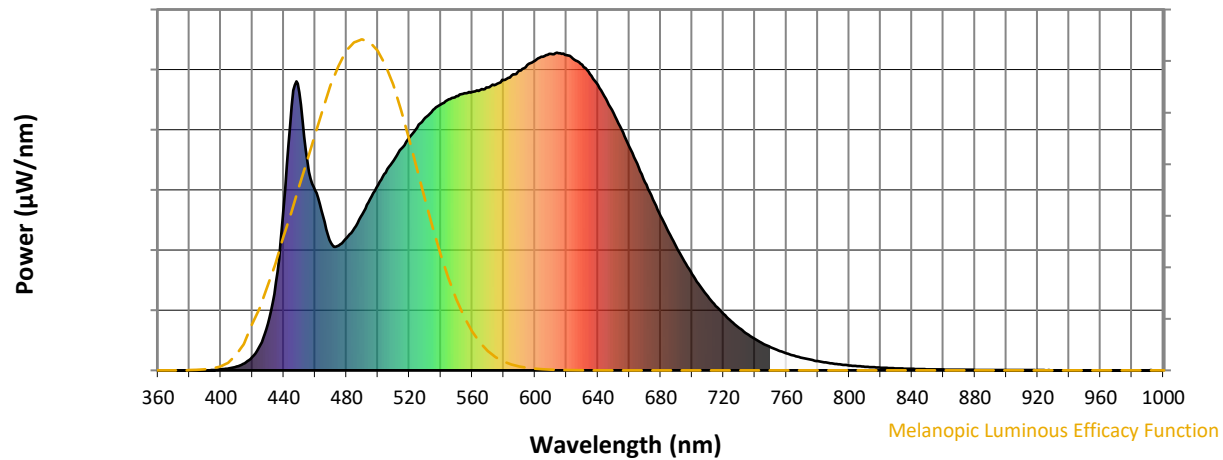
Scotopic Lumens: NR

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

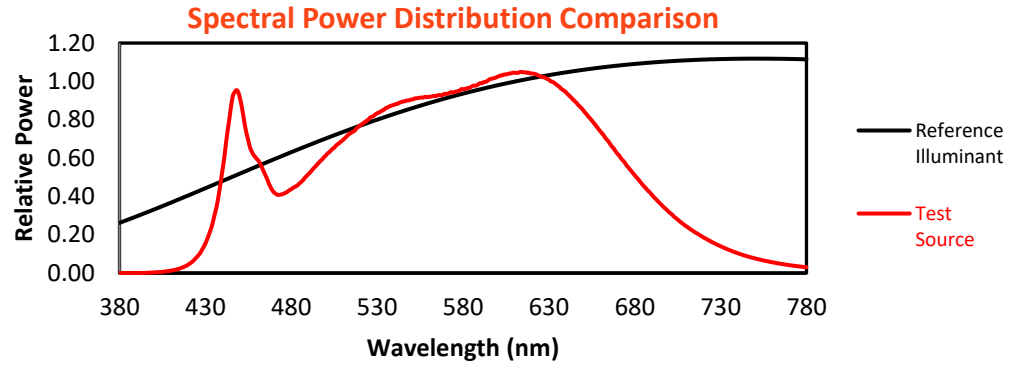
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492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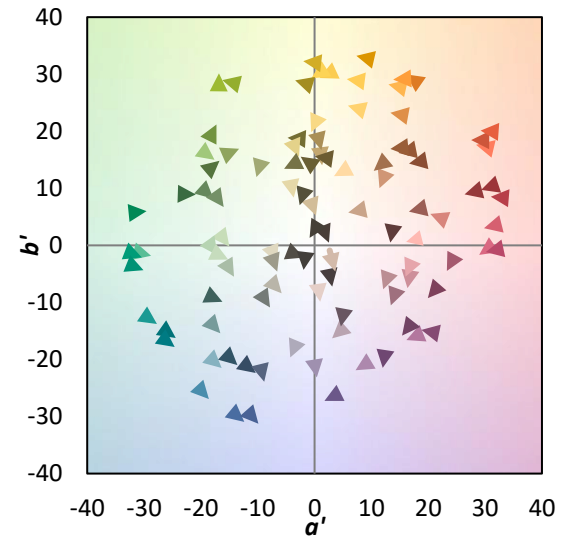
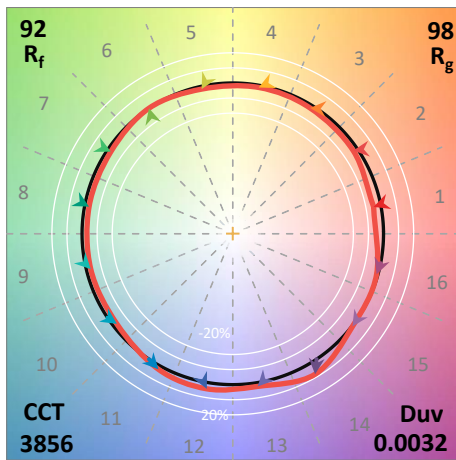
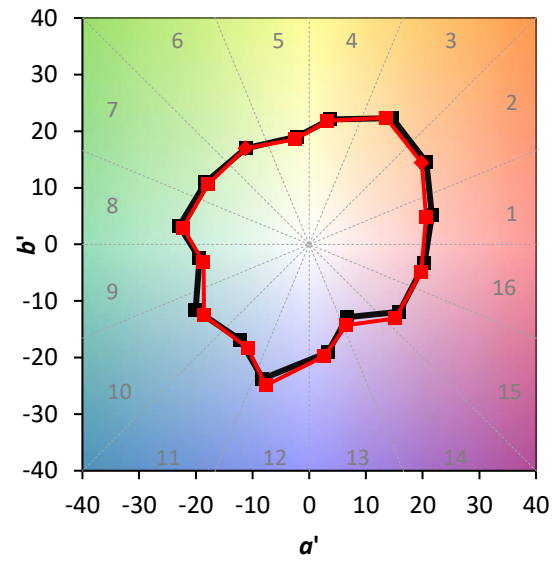
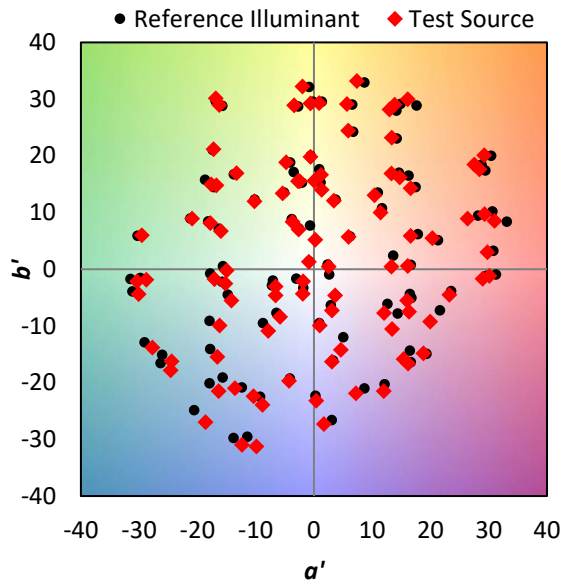
TM-30-18

Summary

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

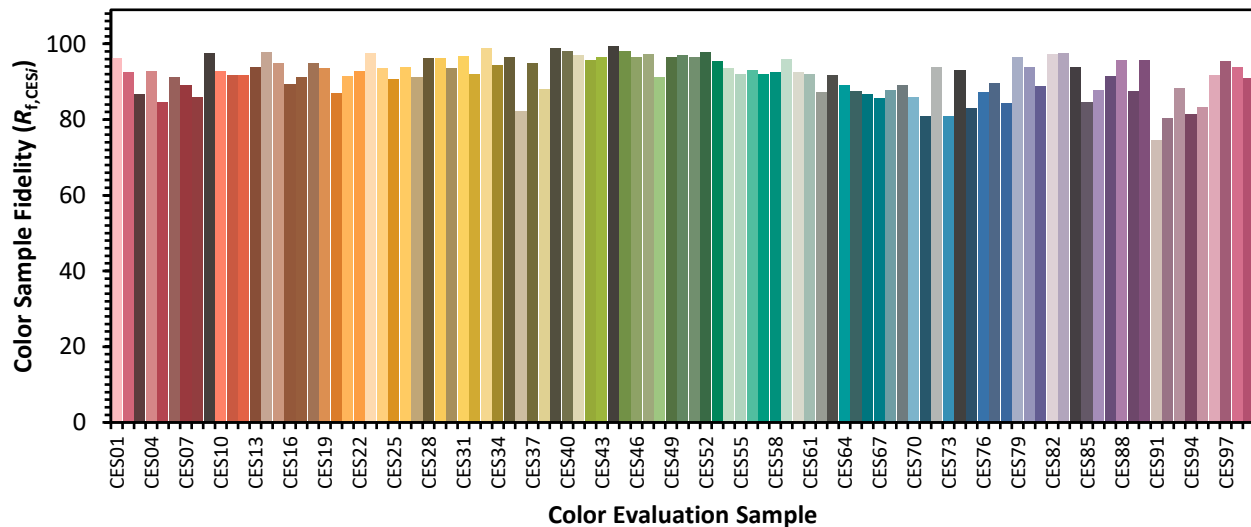


Color Vector Graphics

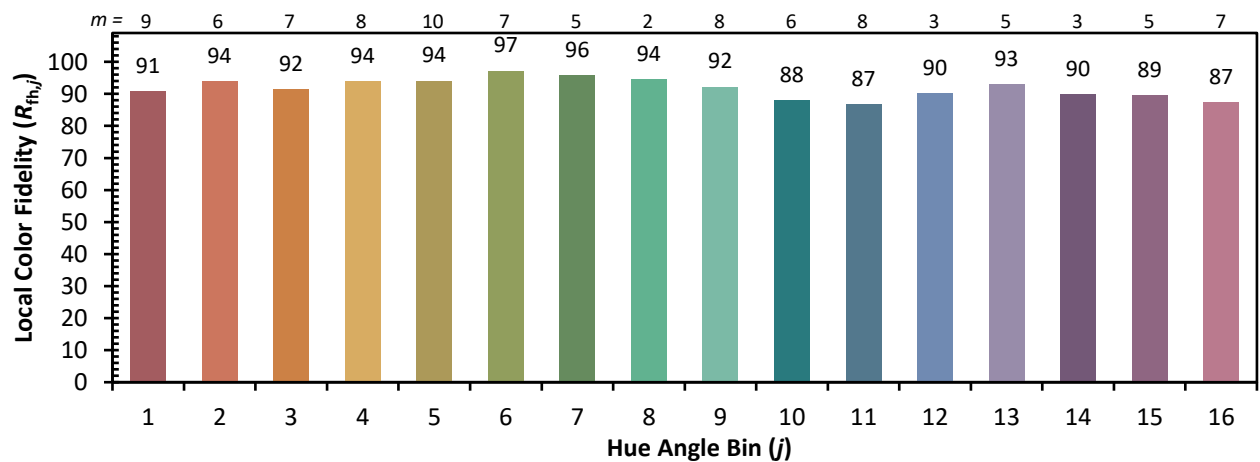
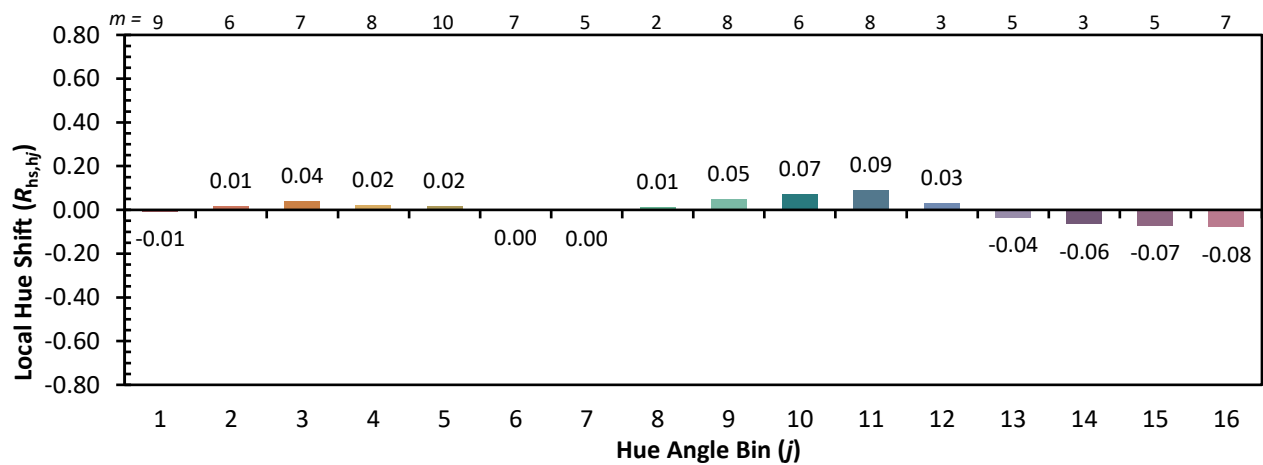
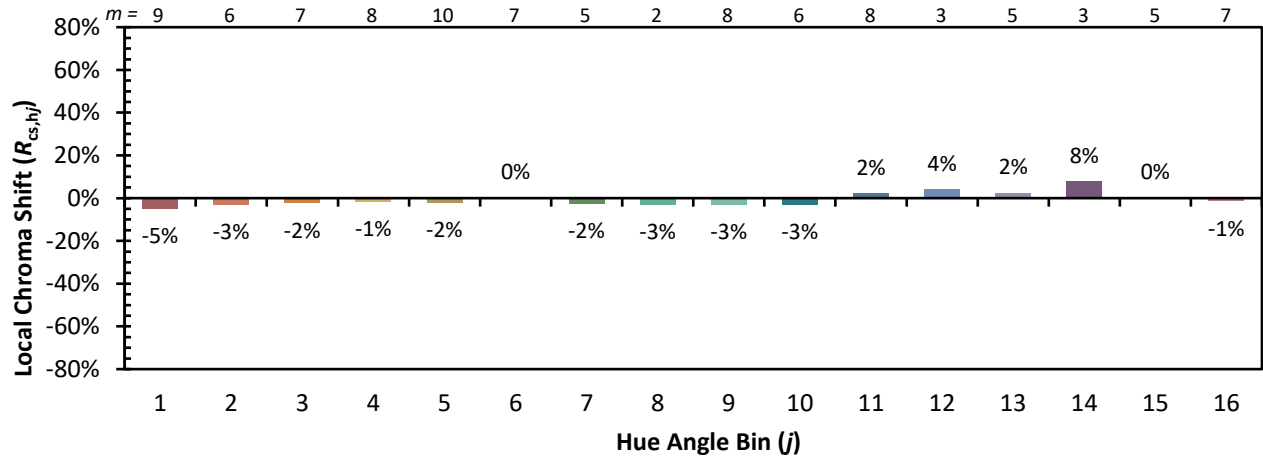


Individual Sample Fidelity Index ($R_{f,i}$)

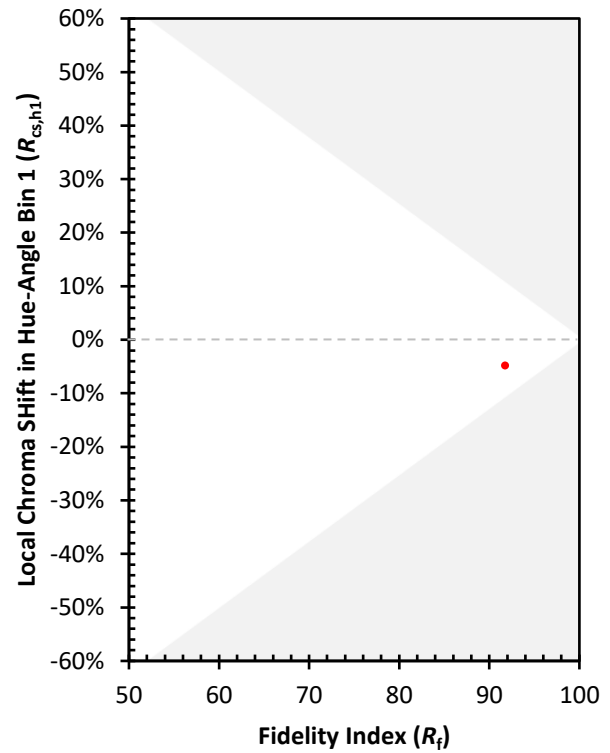
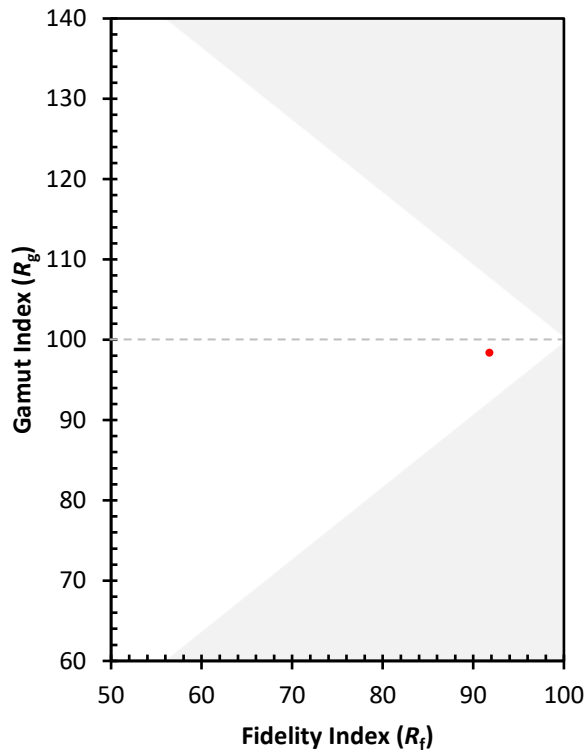
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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