

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: P1047130

Luminaire Tested: **GALN-SA3B-730-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047130
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-730-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14317.4 lumens
Efficiency: N/A
Efficacy: 134.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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



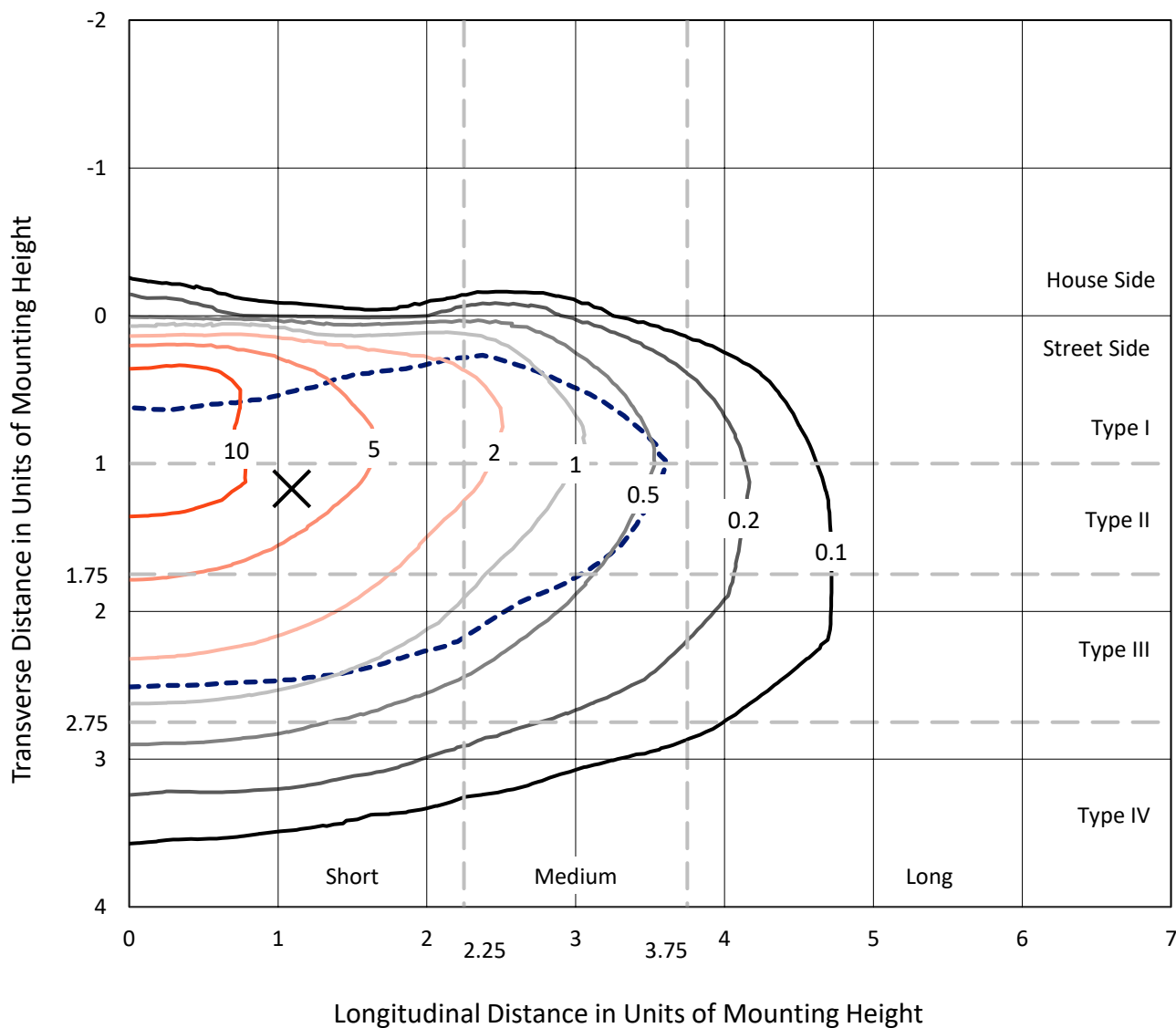
REPORT NUMBER: P1047130

CATALOG NUMBER: GALN-SA3B-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

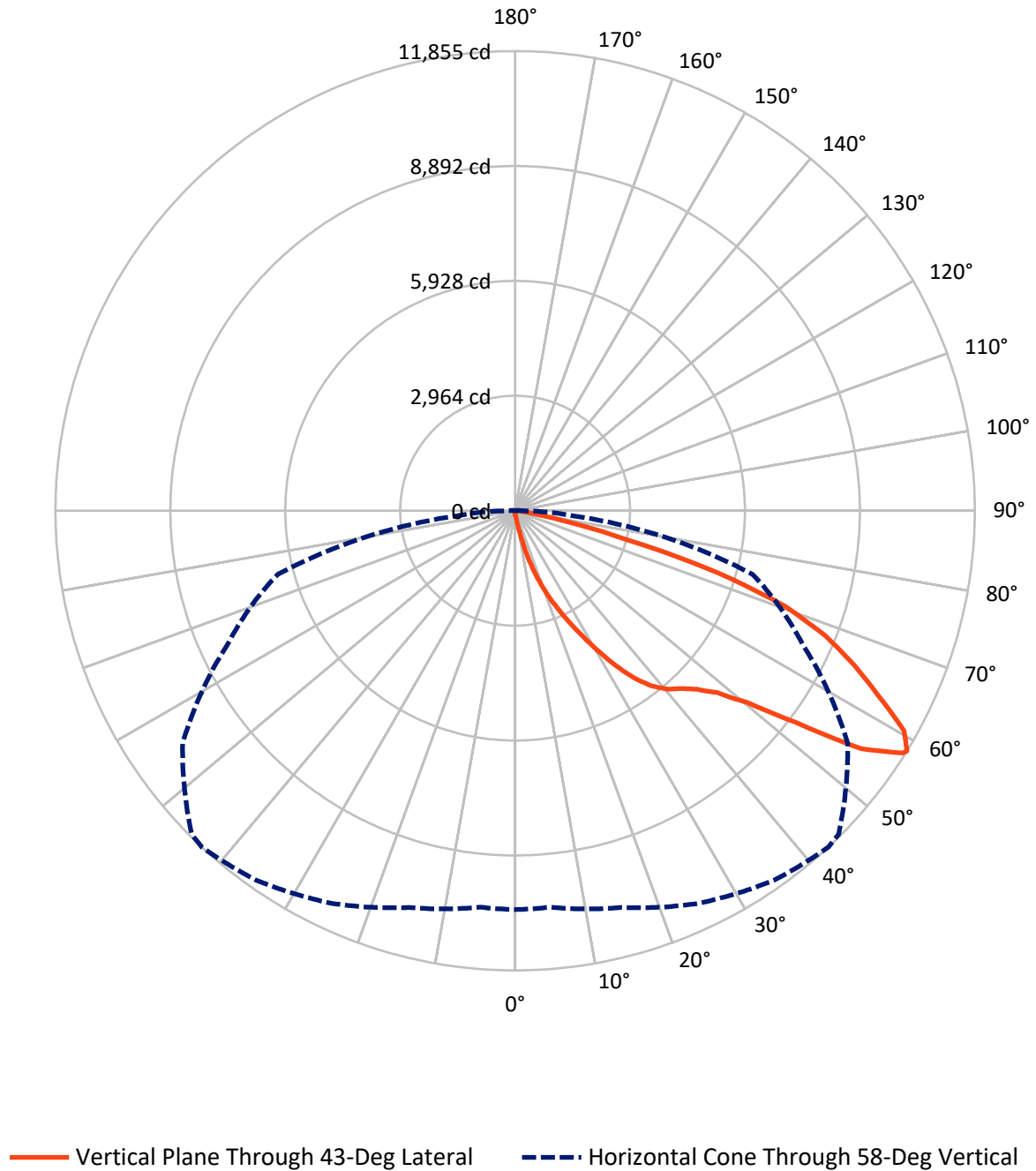


Based on 15 foot mounting height. Maximum calculated value = 16.1 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA3B-730-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	52.3	0.0	52.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14265.2	0.0	14265.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	14317.4	0.0	14317.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	0.1
10°-20°	164.6	1.1
20°-30°	593.2	4.1
30°-40°	1357.2	9.5
40°-50°	2289.1	16.0
50°-60°	3777.5	26.4
60°-70°	4221.9	29.5
70°-80°	1743.1	12.2
80°-90°	157.1	1.1
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°	14317.4	100.0
0°-180°	14317.4	100.0



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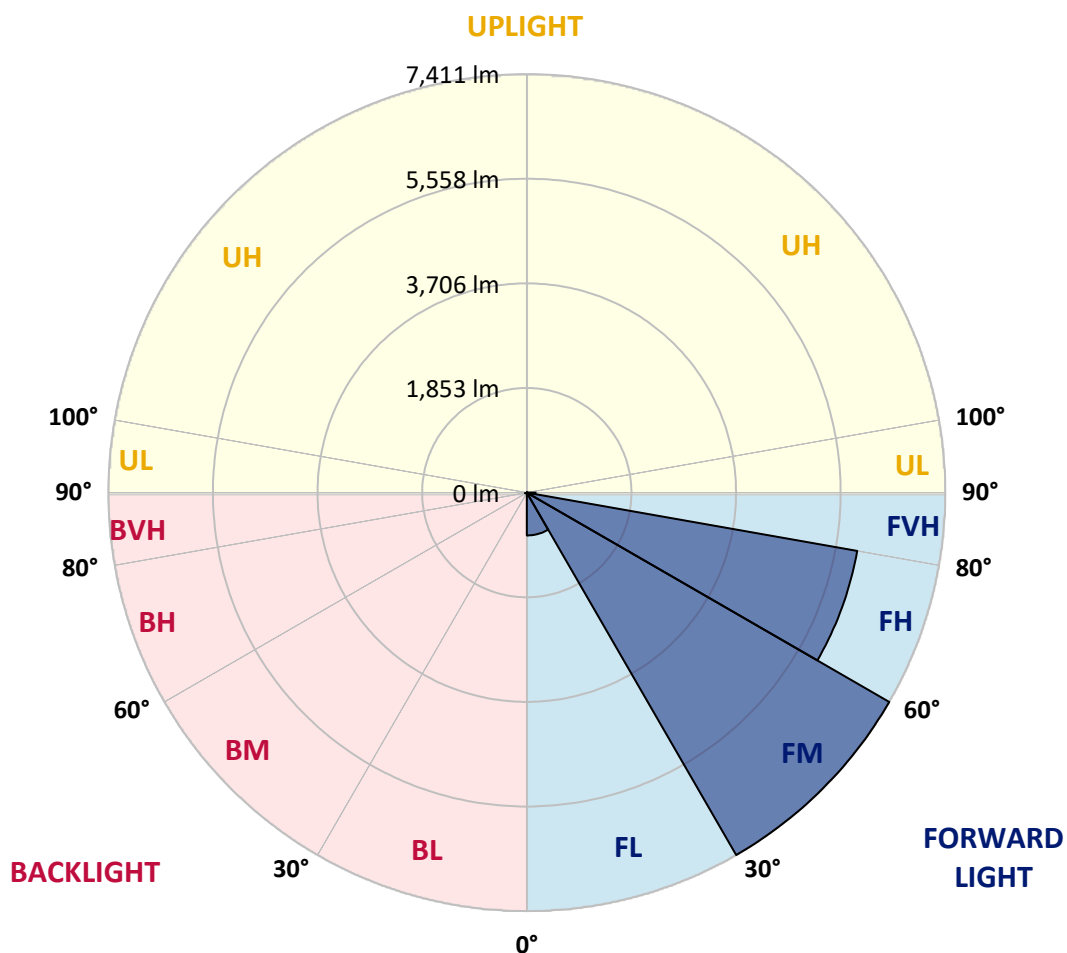
CATALOG NUMBER: GALN-SA3B-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	757.8	5.3			
FM	(30°-60°)	7411.3	51.8			
FH	(60°-80°)	5941.1	41.5			G3/7500
FVH	(80°-90°)	155.0	1.1			G2/225
BL	(0°-30°)	13.6	0.1	B0/110		
BM	(30°-60°)	12.5	0.1	B0/220		
BH	(60°-80°)	23.9	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 III Short



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CATALOG NUMBER: GALN-SA3B-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	112.3	116.1	112.3	112.3	112.3	108.6	108.6	104.8	104.8	101.1	97.4
5°	164.8	164.8	153.5	146.0	138.6	134.8	131.1	123.6	116.1	108.6	101.1
7.5°	367.0	367.0	333.3	288.3	228.4	194.7	187.2	153.5	131.1	116.1	101.1
10°	876.2	876.2	801.3	677.8	524.2	389.4	348.2	220.9	157.3	123.6	104.8
12.5°	1456.6	1475.4	1381.8	1224.5	996.1	760.2	677.8	404.4	209.7	134.8	104.8
15°	1977.1	1932.2	1906.0	1756.2	1539.0	1258.2	1153.3	681.5	303.3	153.5	104.8
17.5°	2329.1	2329.1	2291.7	2190.6	1992.1	1745.0	1658.9	1100.9	490.5	176.0	108.6
20°	2741.0	2741.0	2673.6	2602.5	2426.5	2216.8	2134.4	1565.2	760.2	224.7	108.6
22.5°	3239.1	3246.6	3171.7	3044.4	2875.9	2643.7	2572.5	1995.9	1100.9	299.6	112.3
25°	3845.7	3853.2	3744.6	3624.8	3366.4	3115.5	3006.9	2490.2	1516.6	419.4	112.3
27.5°	4516.0	4568.4	4407.4	4201.4	3928.1	3613.5	3531.2	2935.8	1928.5	591.6	119.8
30°	5351.0	5351.0	5137.6	4849.3	4553.4	4164.0	4059.1	3403.8	2366.6	820.1	127.3
32.5°	6070.0	6013.8	5740.5	5437.2	5122.6	4759.4	4647.0	3894.4	2815.9	1104.7	142.3
35°	6620.4	6571.8	6234.8	5909.0	5635.6	5302.3	5167.5	4426.1	3291.5	1426.7	164.8
37.5°	7092.3	7073.5	6616.7	6208.5	6028.8	5736.7	5616.9	4927.9	3759.6	1774.9	191.0
40°	7609.0	7549.1	7062.3	6556.8	6287.2	6051.3	5942.7	5332.3	4208.9	2183.1	228.4
42.5°	8050.9	7979.7	7541.6	7047.3	6586.7	6268.5	6163.6	5673.1	4647.0	2591.3	277.1
45°	8541.4	8504.0	8062.1	7687.7	7073.5	6564.3	6425.7	5946.4	5047.7	3078.1	340.8
47.5°	9279.1	9211.7	8799.8	8492.7	7781.3	7013.6	6815.2	6227.3	5433.4	3557.4	438.1
50°	10136.6	10091.7	9848.3	9604.9	8897.2	7781.3	7545.4	6631.7	5864.0	4126.5	565.4
52.5°	10836.9	10829.4	10859.3	10863.1	10327.6	9073.2	8721.2	7283.2	6358.3	4688.2	745.2
55°	10821.9	10855.6	11185.1	11563.3	11604.5	10836.9	10496.1	8380.4	7002.4	5381.0	996.1
57.5°	10417.5	10391.3	10739.5	11308.7	11709.4	11791.7	11735.6	10084.2	7972.2	6216.0	1381.8
58°	10286.4	10263.9	10593.5	11173.9	11634.5	11855.4	11799.2	10469.9	8189.4	6335.9	1486.6
60°	9810.8	9814.6	10009.3	10537.3	10997.9	11522.1	11574.5	11570.8	9271.6	7137.2	2014.6
62.5°	9181.8	9151.8	9331.5	9762.2	10166.6	10518.6	10608.4	11645.7	10855.6	8155.7	3021.9
65°	8313.0	8268.1	8459.0	8945.8	9380.2	9608.6	9612.4	10642.1	11600.8	9249.2	4459.8
67.5°	6699.1	6661.6	7043.6	7668.9	8339.2	8638.8	8773.6	9234.2	10971.7	9990.6	5283.6
70°	4104.1	4182.7	4714.4	5695.5	6841.4	7391.8	7594.0	7736.3	9342.8	9878.2	4418.6
72.5°	1894.8	1801.2	2254.2	2939.5	4246.4	5470.9	5680.6	6238.5	7406.8	8575.1	3295.2
75°	883.7	850.0	954.9	1284.4	1924.7	2954.5	3336.4	4980.3	5680.6	5965.1	2377.8
77.5°	453.1	456.8	543.0	584.2	793.9	1366.8	1569.0	3276.5	4164.0	3328.9	1595.2
80°	198.5	206.0	209.7	228.4	322.0	528.0	595.4	1520.3	2845.9	1696.3	872.5
82.5°	127.3	131.1	131.1	131.1	153.5	209.7	239.7	610.4	1419.2	842.5	269.6
85°	67.4	67.4	74.9	93.6	108.6	127.3	134.8	194.7	468.1	250.9	63.7
87.5°	37.4	41.2	44.9	56.2	71.1	86.1	93.6	134.8	179.7	172.3	15.0
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-SA3B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	97.4	93.6	89.9	86.1	82.4	78.6	78.6	78.6	78.6	78.6	78.6
5°	93.6	89.9	86.1	78.6	71.1	67.4	63.7	59.9	59.9	59.9	59.9
7.5°	93.6	89.9	78.6	71.1	63.7	56.2	48.7	48.7	48.7	48.7	48.7
10°	93.6	86.1	74.9	63.7	52.4	44.9	41.2	37.4	37.4	37.4	37.4
12.5°	93.6	82.4	71.1	56.2	44.9	37.4	33.7	30.0	30.0	30.0	30.0
15°	93.6	82.4	67.4	52.4	41.2	30.0	26.2	22.5	22.5	22.5	22.5
17.5°	89.9	78.6	63.7	44.9	33.7	22.5	18.7	15.0	15.0	18.7	18.7
20°	86.1	74.9	56.2	37.4	26.2	18.7	11.2	11.2	11.2	11.2	11.2
22.5°	86.1	74.9	52.4	33.7	22.5	11.2	7.5	7.5	7.5	7.5	11.2
25°	86.1	71.1	44.9	26.2	15.0	7.5	3.7	3.7	3.7	3.7	3.7
27.5°	86.1	71.1	41.2	22.5	11.2	7.5	3.7	0.0	0.0	0.0	0.0
30°	82.4	67.4	37.4	18.7	7.5	3.7	0.0	0.0	0.0	0.0	0.0
32.5°	82.4	63.7	30.0	15.0	7.5	3.7	0.0	0.0	0.0	0.0	0.0
35°	86.1	59.9	26.2	11.2	3.7	0.0	0.0	0.0	0.0	0.0	3.7
37.5°	89.9	56.2	22.5	7.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	93.6	52.4	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	101.1	52.4	18.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	108.6	52.4	15.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	123.6	56.2	15.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	134.8	59.9	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	149.8	56.2	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	168.5	56.2	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	183.5	52.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	191.0	48.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	228.4	44.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	355.7	37.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	722.7	33.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1348.1	30.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1509.1	33.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	951.1	26.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	501.8	26.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	250.9	26.2	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	116.1	18.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	48.7	11.2	7.5	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.5	11.2	7.5	7.5	3.7	3.7	0.0	0.0	0.0	0.0	0.0
87.5°	11.2	11.2	11.2	7.5	7.5	3.7	3.7	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

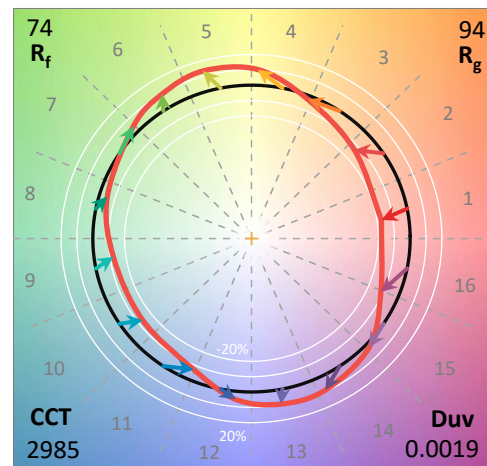
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

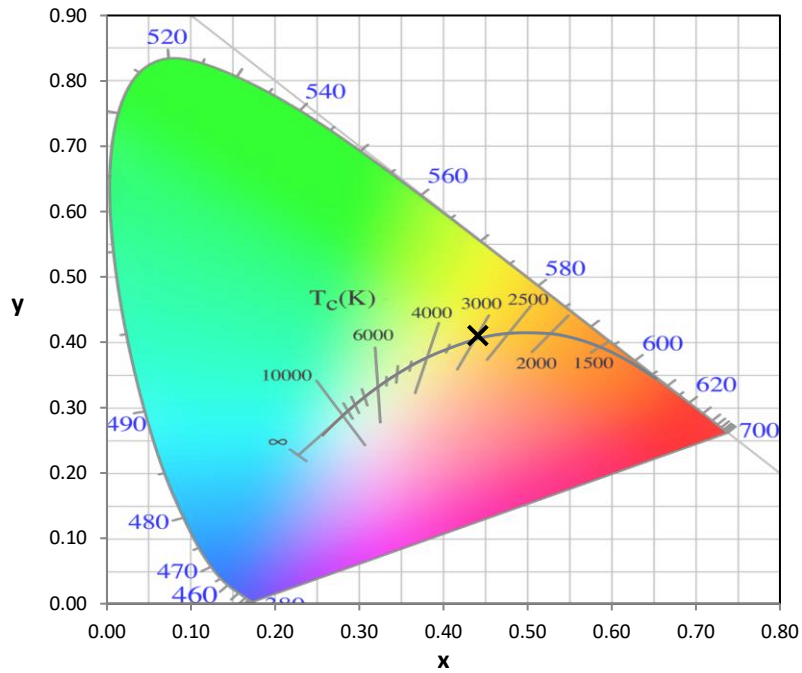
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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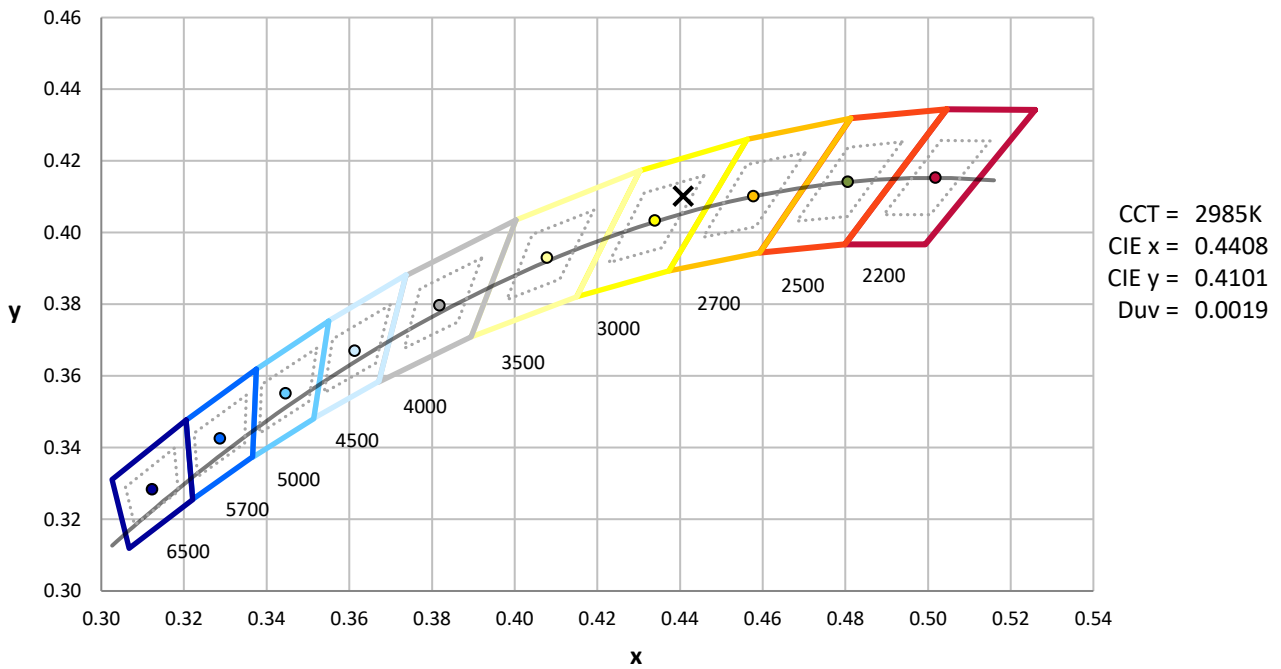
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



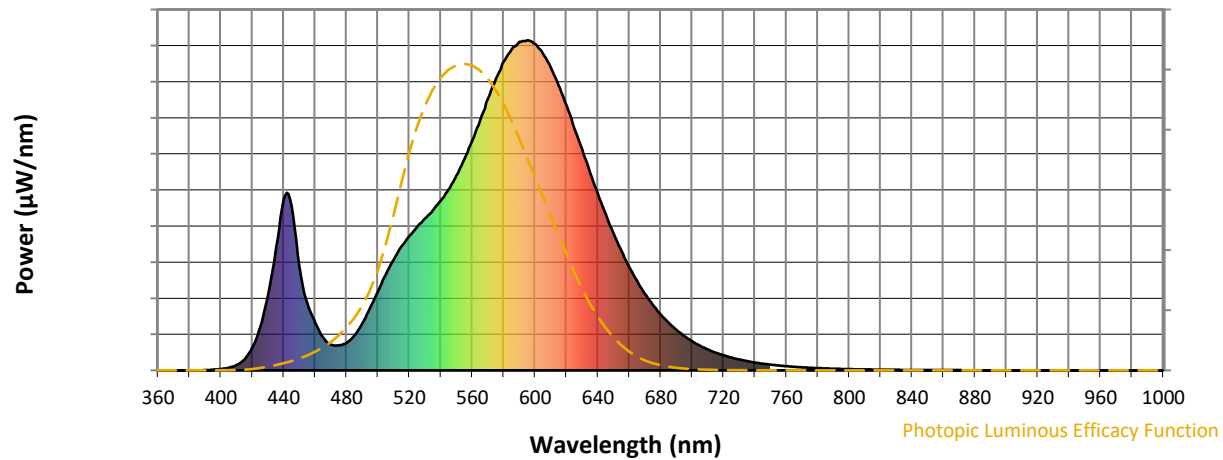
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

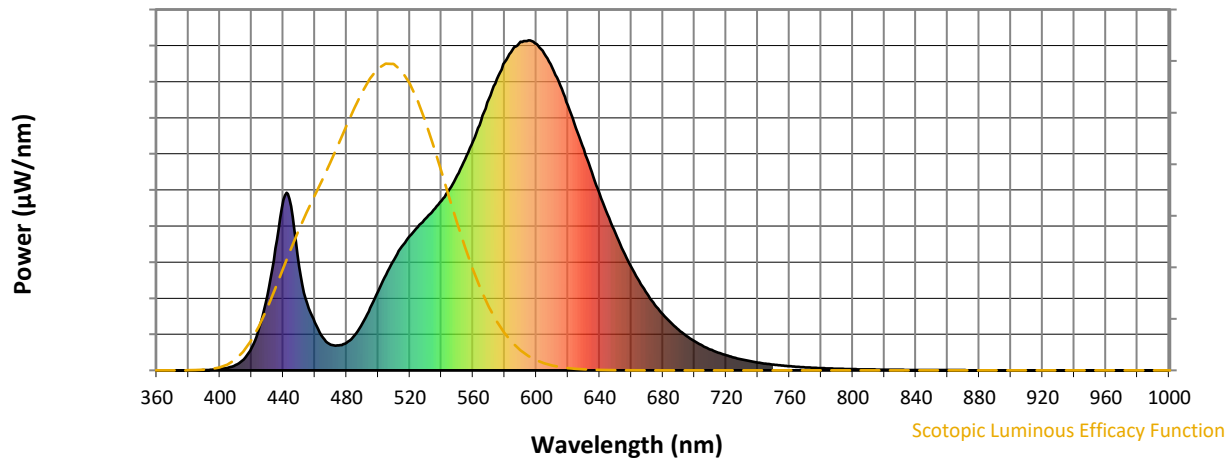


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



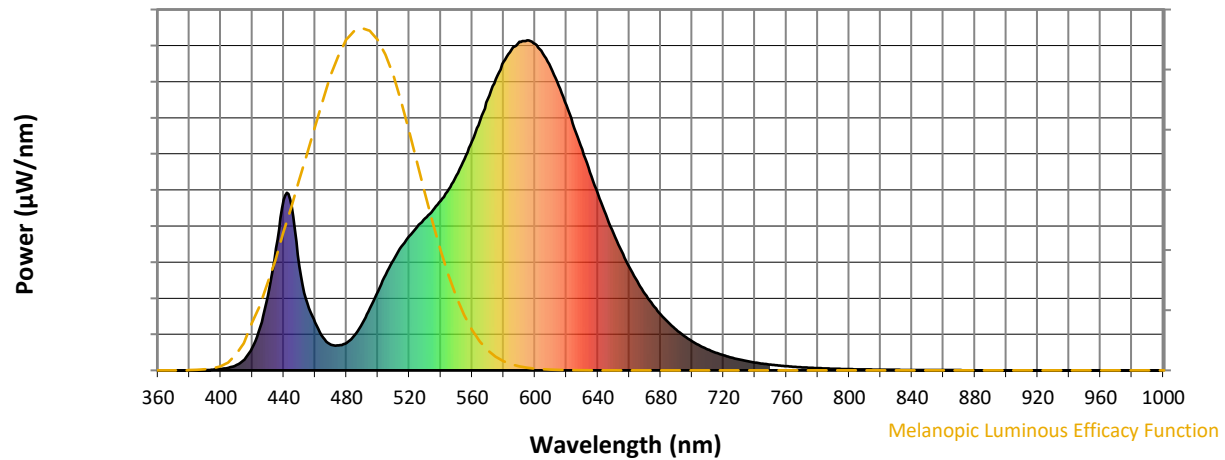
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

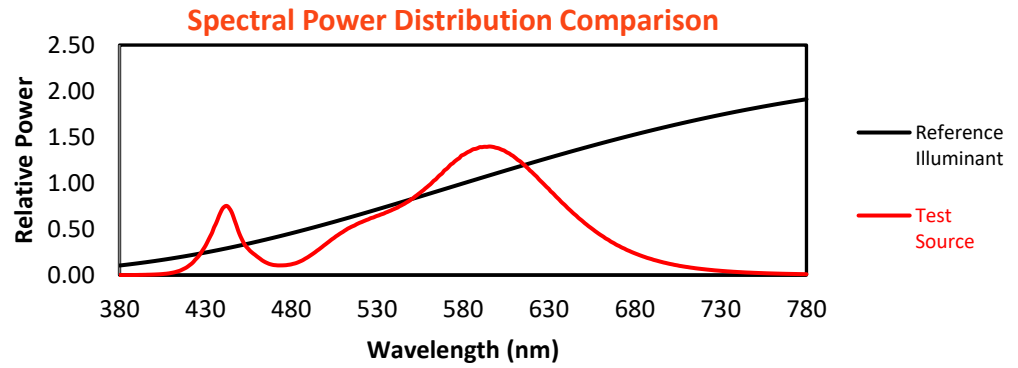
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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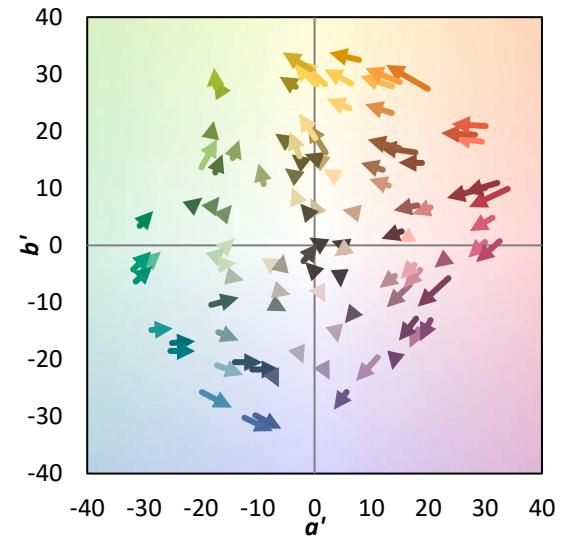
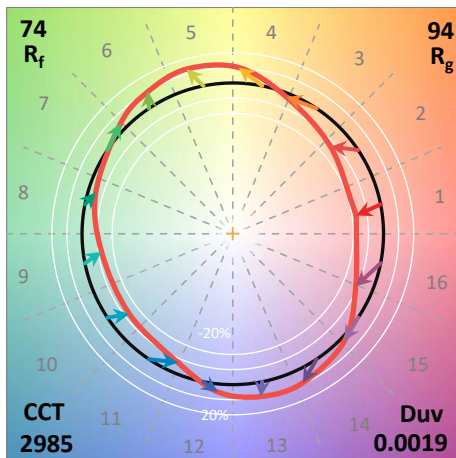
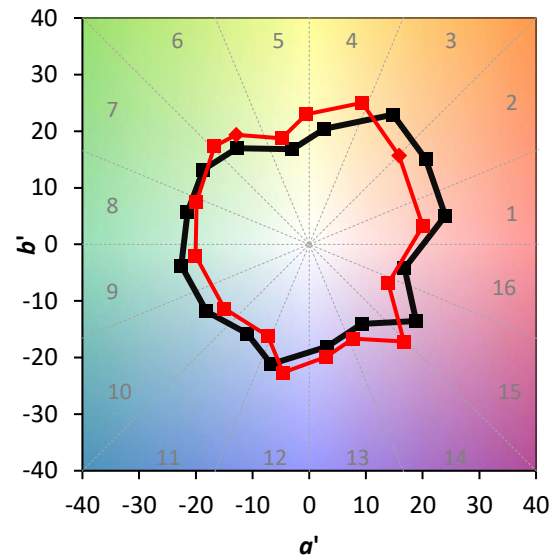
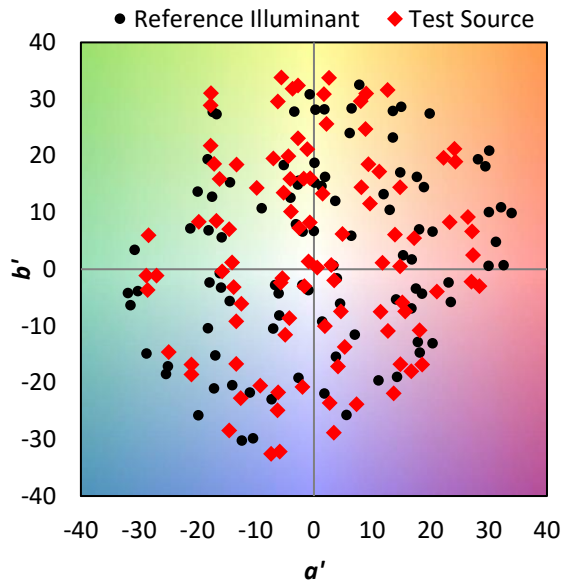
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$

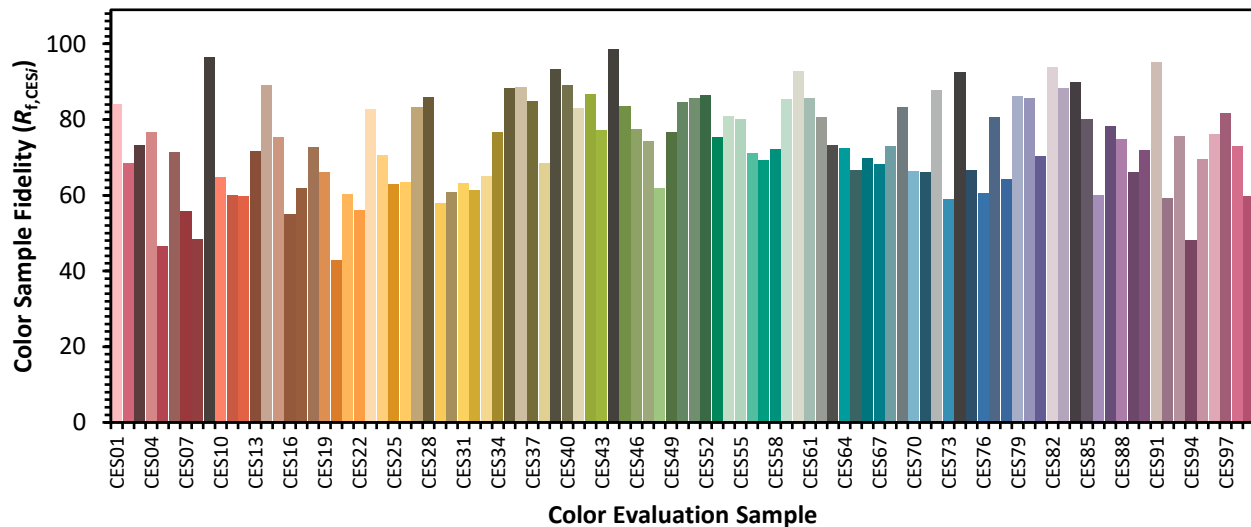


Color Vector Graphics

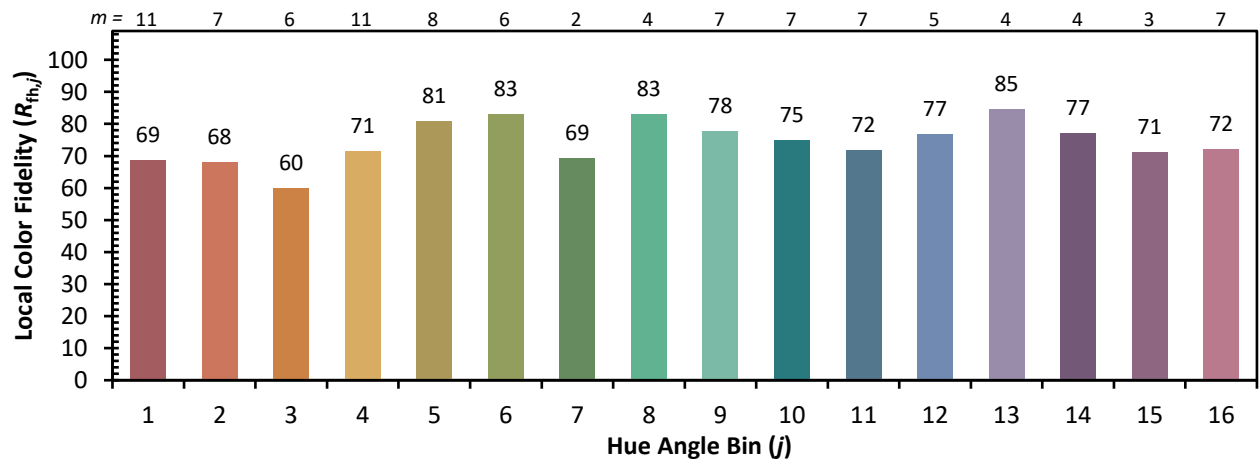
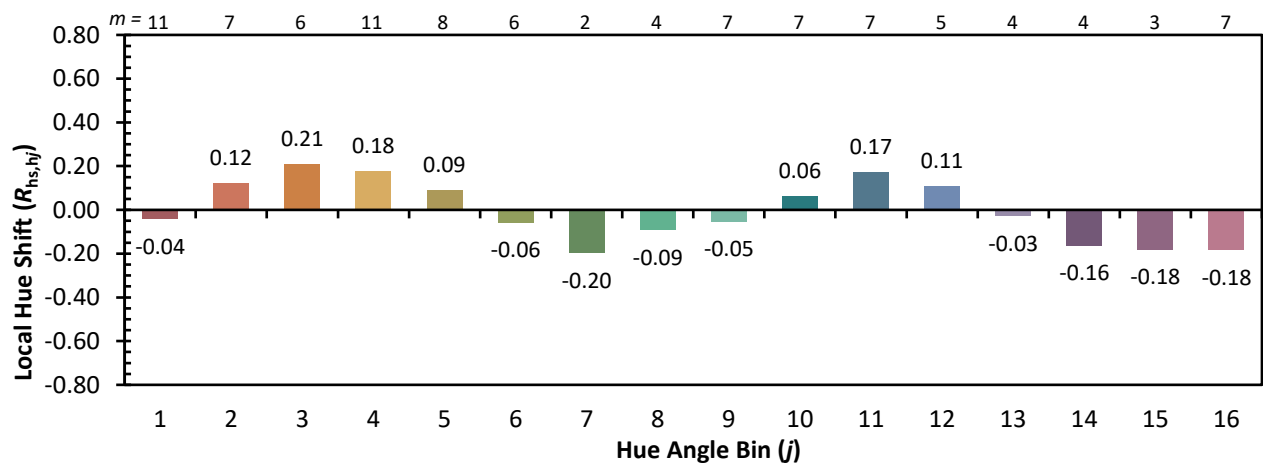
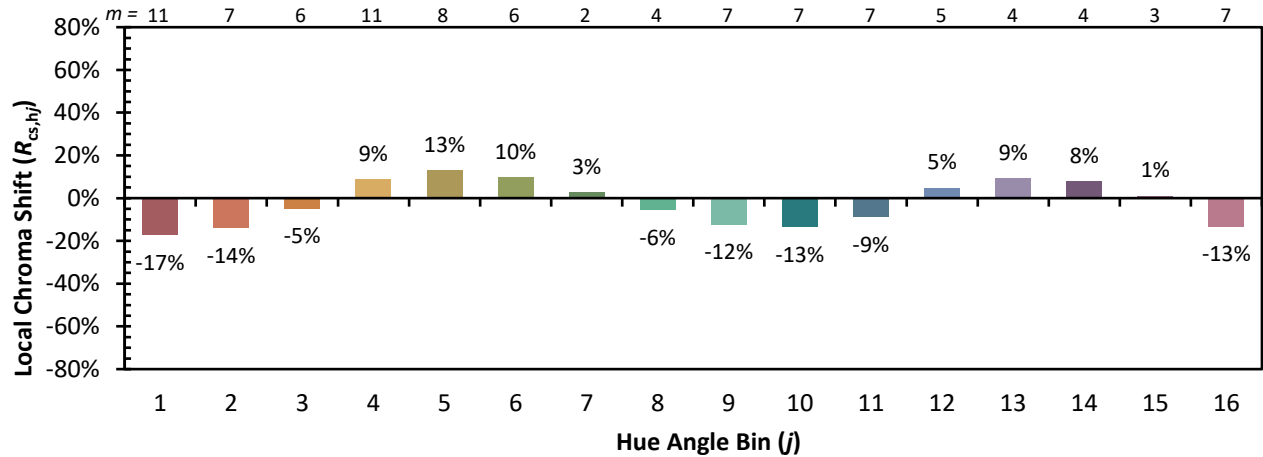


Individual Sample Fidelity Index ($R_{f,i}$)

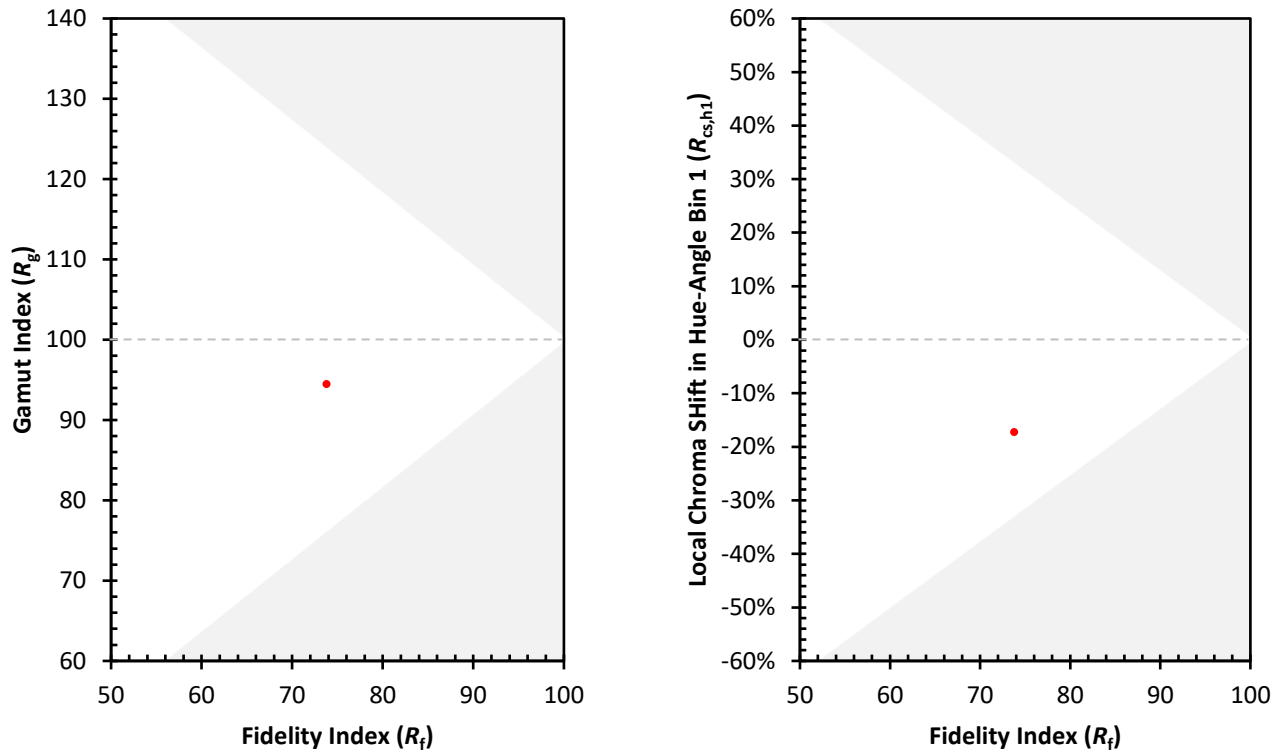
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)