

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: P1047766

Luminaire Tested: **GALN-SA9B-730-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047766
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38401.2 lumens
Efficiency: N/A
Efficacy: 122.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

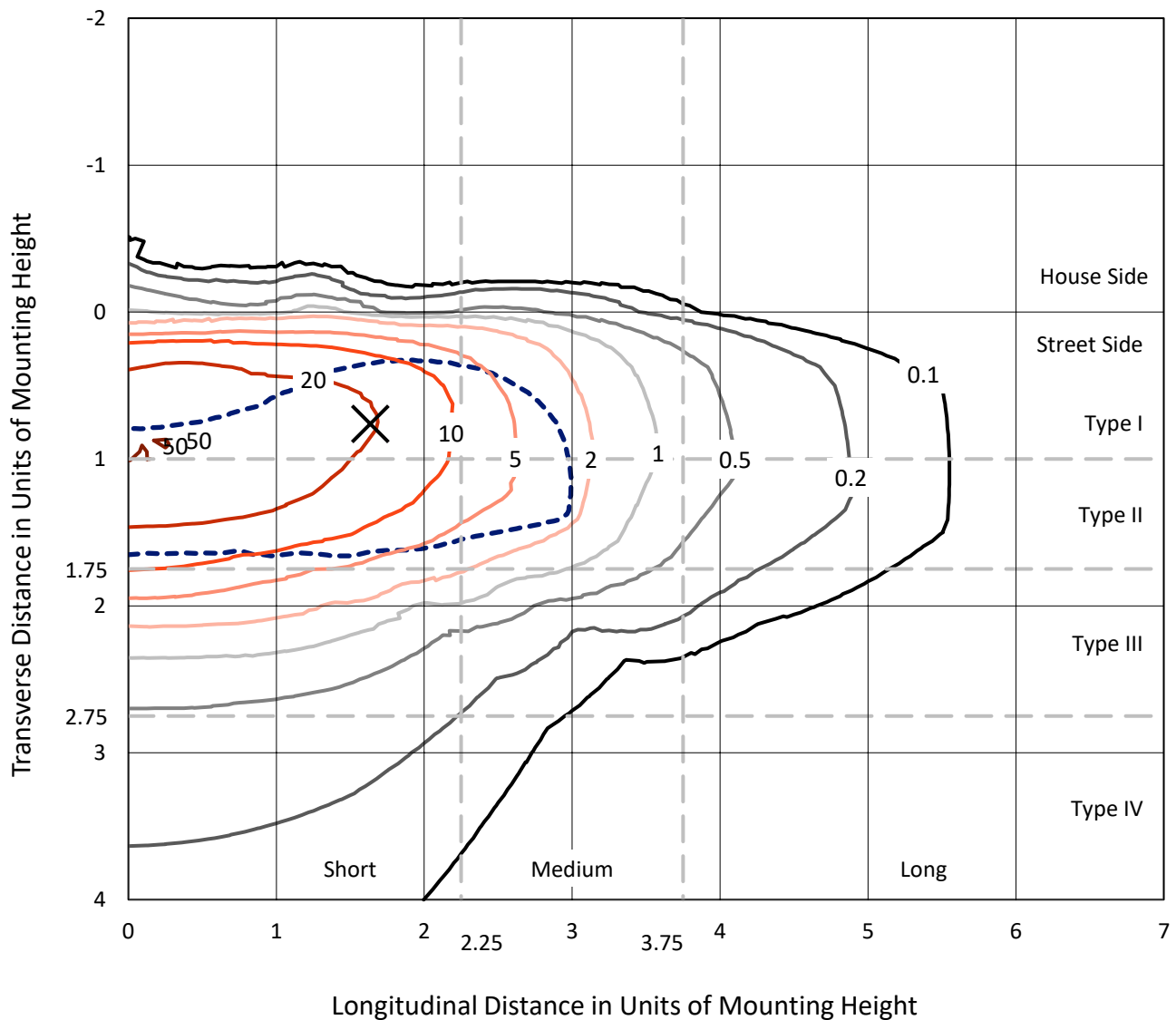


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CATALOG NUMBER: GALN-SA9B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

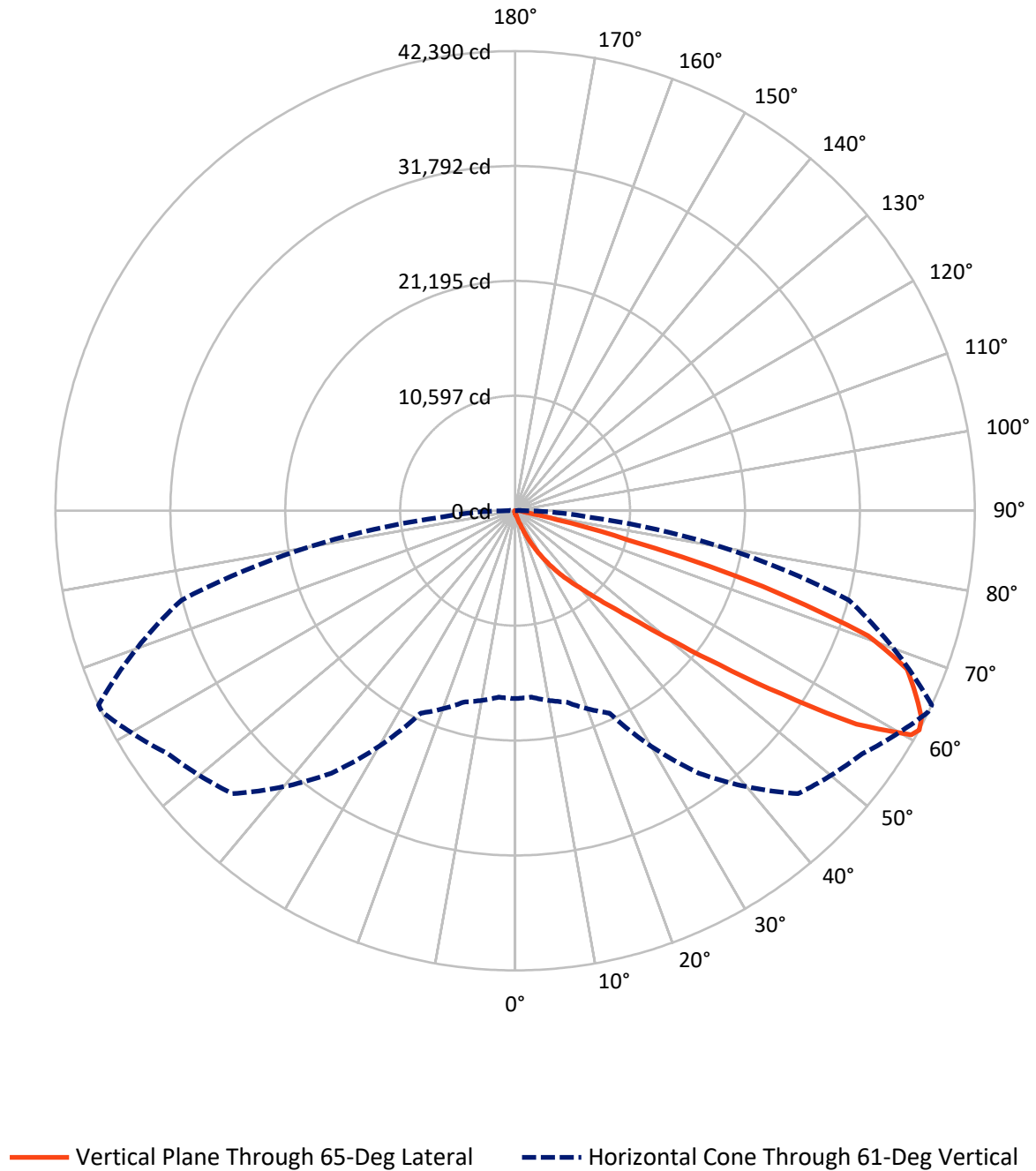


Based on 15 foot mounting height. Maximum calculated value = 50.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	163.9	0.0	163.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	38237.3	0.0	38237.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	38401.2	0.0	38401.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	0.1
10°-20°	315.8	0.8
20°-30°	1133.3	3.0
30°-40°	3017.2	7.9
40°-50°	7926.2	20.6
50°-60°	12279.2	32.0
60°-70°	10295.9	26.8
70°-80°	3029.9	7.9
80°-90°	373.8	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°	38401.2	100.0
0°-180°	38401.2	100.0



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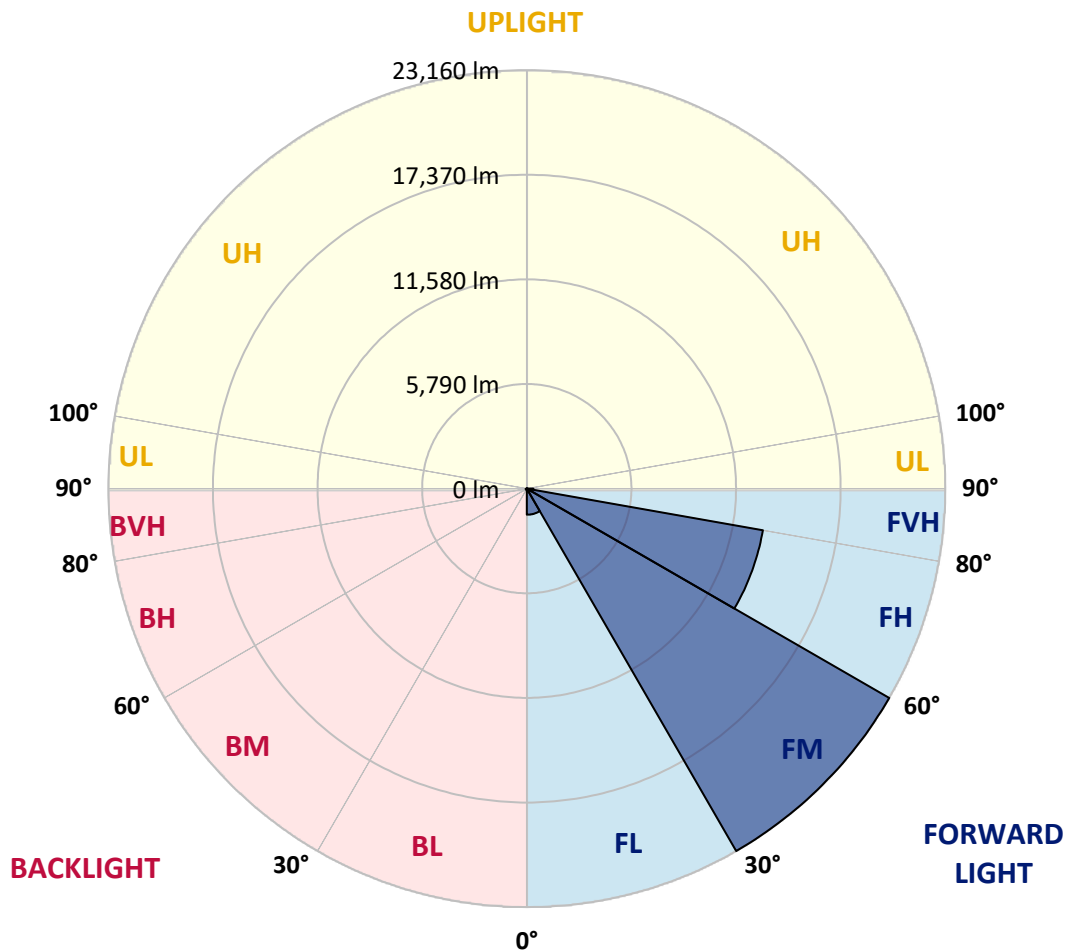
CATALOG NUMBER: GALN-SA9B-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1442.2	3.8			
FM	(30°-60°)	23160.3	60.3			
FH	(60°-80°)	13268.0	34.6			G5
FVH	(80°-90°)	366.8	1.0			G3/500
BL	(0°-30°)	36.8	0.1	B0/110		
BM	(30°-60°)	62.4	0.2	B0/220		
BH	(60°-80°)	57.8	0.2	B0/110		G0/110
BVH	(80°-90°)	6.9	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1
2.5°	285.3	287.9	282.6	272.1	264.2	264.2	261.5	253.6	253.6	245.7	240.4
5°	398.9	393.6	383.0	361.9	343.4	324.9	306.4	287.9	285.3	261.5	245.7
7.5°	652.5	657.8	623.4	557.4	501.9	430.6	364.5	324.9	319.6	280.0	248.3
10°	1431.7	1392.1	1312.9	1056.6	869.1	655.1	486.1	377.7	372.5	301.1	253.6
12.5°	2609.9	2578.2	2432.9	2168.7	1685.3	1172.9	710.6	467.6	451.7	319.6	256.2
15°	3761.6	3711.4	3632.2	3365.4	2800.1	2102.7	1162.3	639.3	597.0	346.0	253.6
17.5°	4496.0	4503.9	4432.6	4319.0	3954.5	3111.8	2007.6	953.6	871.7	393.6	248.3
20°	5137.9	5119.4	5159.0	5098.3	4842.0	4229.2	2921.6	1511.0	1371.0	470.2	251.0
22.5°	5877.5	5922.4	5951.5	5938.3	5655.6	5132.6	3959.7	2261.2	2084.2	610.2	258.9
25°	6868.1	6862.8	6865.5	6831.1	6556.4	5975.3	5000.5	3193.7	3014.1	837.4	277.4
27.5°	7906.3	7938.0	7951.2	7827.0	7467.8	6897.2	5964.7	4213.3	4002.0	1201.9	301.1
30°	9324.8	9298.4	9237.6	8984.0	8548.2	7840.2	6915.7	5283.2	5061.3	1711.7	338.1
32.5°	11237.3	11208.3	10901.8	10341.8	9689.3	8822.9	7871.9	6355.7	6086.2	2348.4	388.3
35°	14388.7	14433.6	13680.8	12230.6	11060.3	10003.7	8931.2	7422.9	7185.1	3132.9	457.0
37.5°	19214.9	18969.2	17947.0	15384.6	12864.5	11477.7	9942.9	8500.6	8294.6	4099.7	546.8
40°	23903.7	23660.7	23364.8	20937.2	16000.1	13102.3	11358.8	9766.0	9499.2	5190.7	678.9
42.5°	28832.9	28698.2	28685.0	26854.4	21721.8	15656.7	13062.7	11247.9	11020.7	6387.4	895.5
45°	32325.1	32190.4	32473.0	32792.7	29514.5	21130.1	16029.2	13173.6	12843.4	7840.2	1241.5
47.5°	32795.3	32800.6	33556.1	34557.3	35304.8	29596.4	19981.0	15725.4	15323.9	9919.2	1822.7
50°	31231.5	31292.3	32494.2	34285.2	36298.1	36699.6	26949.5	19428.9	18834.5	12383.8	2646.9
52.5°	28254.4	28323.1	29997.9	32943.2	35384.1	38406.1	35154.3	24273.6	23589.4	15458.6	3809.2
55°	25573.2	25615.5	27535.9	31257.9	34282.5	37478.9	40025.3	30742.8	29844.7	19241.3	4955.6
57.5°	22918.4	22820.7	24070.2	28331.0	34095.0	36340.3	40743.9	38115.5	37124.9	23375.4	5848.5
60°	19368.1	19204.3	20208.2	22918.4	31627.7	37087.9	39399.3	42194.1	41969.6	29131.4	6537.9
61°	17326.2	17257.5	18266.6	20591.2	29551.4	36897.7	39077.0	42365.8	42389.6	31854.9	6847.0
62.5°	12373.2	12568.7	14111.4	17133.3	24751.7	35664.1	39119.3	41834.8	42069.9	35473.9	7647.4
65°	5499.8	5814.1	7013.4	9472.7	14394.0	29667.7	38744.2	40669.9	40553.7	36467.1	10405.2
67.5°	3262.4	3309.9	3906.9	5367.7	7623.6	15957.8	34190.1	39129.8	38974.0	31746.6	12946.4
70°	2570.3	2594.0	2784.2	3368.0	4424.7	6112.6	19513.4	33854.6	34533.5	25742.3	12674.3
72.5°	2438.2	2432.9	2459.3	2562.3	2786.9	3032.5	7554.9	22503.7	23885.2	18538.7	10627.1
75°	2406.5	2395.9	2369.5	2329.9	2018.2	1785.7	2340.4	9953.5	10753.9	12666.4	8001.4
77.5°	2335.2	2337.8	2343.1	2234.8	1730.2	1262.7	1133.2	3193.7	3928.0	8038.4	5687.3
80°	1579.7	1603.4	1643.1	1600.8	1555.9	914.0	800.4	1135.9	1151.7	4511.8	3756.3
82.5°	800.4	800.4	781.9	697.4	602.3	594.4	636.6	824.2	834.7	2282.3	1767.2
85°	483.4	509.8	520.4	472.8	433.2	398.9	486.1	655.1	678.9	884.9	412.1
87.5°	108.3	110.9	121.5	161.1	235.1	319.6	451.7	599.6	610.2	567.9	50.2
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: P1047766

CATALOG NUMBER: GALN-SA9B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1	235.1
2.5°	237.7	232.5	229.8	221.9	214.0	206.0	200.8	198.1	200.8	203.4	203.4
5°	235.1	227.2	214.0	200.8	190.2	179.6	169.1	166.4	166.4	169.1	169.1
7.5°	235.1	221.9	203.4	187.6	171.7	155.9	147.9	142.6	145.3	145.3	145.3
10°	235.1	219.3	195.5	171.7	153.2	134.7	121.5	116.2	116.2	116.2	116.2
12.5°	232.5	216.6	187.6	158.5	132.1	110.9	95.1	87.2	89.8	89.8	89.8
15°	227.2	208.7	177.0	134.7	105.7	84.5	68.7	60.8	63.4	68.7	71.3
17.5°	219.3	200.8	158.5	113.6	84.5	63.4	47.5	42.3	44.9	52.8	52.8
20°	216.6	192.8	140.0	92.5	63.4	44.9	31.7	26.4	29.1	39.6	42.3
22.5°	216.6	187.6	126.8	76.6	47.5	29.1	18.5	10.6	10.6	18.5	18.5
25°	219.3	184.9	116.2	63.4	34.3	21.1	10.6	5.3	10.6	29.1	34.3
27.5°	224.5	182.3	110.9	52.8	26.4	18.5	7.9	18.5	31.7	31.7	31.7
30°	229.8	177.0	103.0	44.9	23.8	13.2	13.2	26.4	26.4	31.7	34.3
32.5°	237.7	174.3	97.7	39.6	18.5	10.6	18.5	15.8	15.8	18.5	21.1
35°	253.6	177.0	92.5	39.6	18.5	13.2	15.8	7.9	5.3	5.3	5.3
37.5°	274.7	179.6	84.5	34.3	15.8	15.8	7.9	0.0	0.0	0.0	0.0
40°	309.1	187.6	79.2	31.7	13.2	13.2	2.6	0.0	0.0	0.0	0.0
42.5°	367.2	203.4	76.6	29.1	13.2	10.6	0.0	0.0	0.0	0.0	0.0
45°	483.4	240.4	71.3	26.4	13.2	5.3	0.0	0.0	0.0	0.0	0.0
47.5°	694.7	327.6	68.7	21.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	1014.4	443.8	66.0	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1294.4	467.6	44.9	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1326.1	322.3	34.3	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1056.6	208.7	29.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	800.4	158.5	26.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	768.7	142.6	26.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	847.9	124.2	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1378.9	103.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2395.9	89.8	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3027.3	84.5	15.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2638.9	76.6	15.8	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	1587.6	66.0	15.8	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	832.1	50.2	15.8	13.2	7.9	2.6	0.0	0.0	0.0	0.0	0.0
80°	404.2	44.9	18.5	13.2	10.6	5.3	0.0	0.0	0.0	0.0	0.0
82.5°	158.5	37.0	21.1	18.5	13.2	7.9	2.6	0.0	0.0	0.0	0.0
85°	71.3	31.7	23.8	21.1	18.5	10.6	2.6	0.0	0.0	0.0	0.0
87.5°	37.0	29.1	26.4	23.8	18.5	13.2	5.3	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

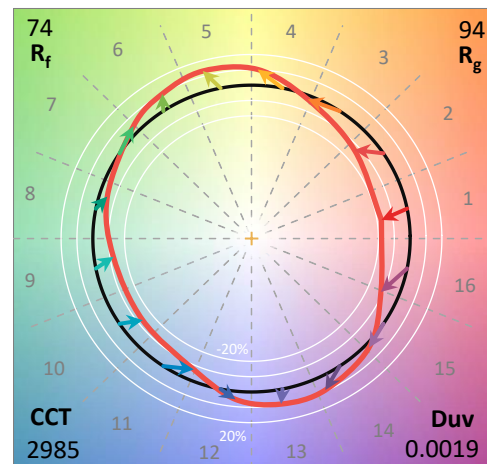
Test Information

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

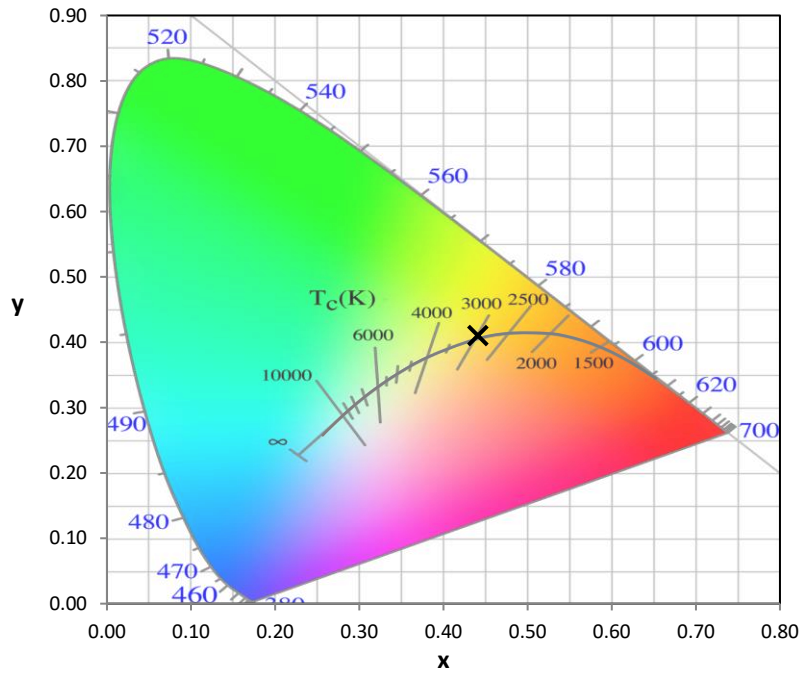
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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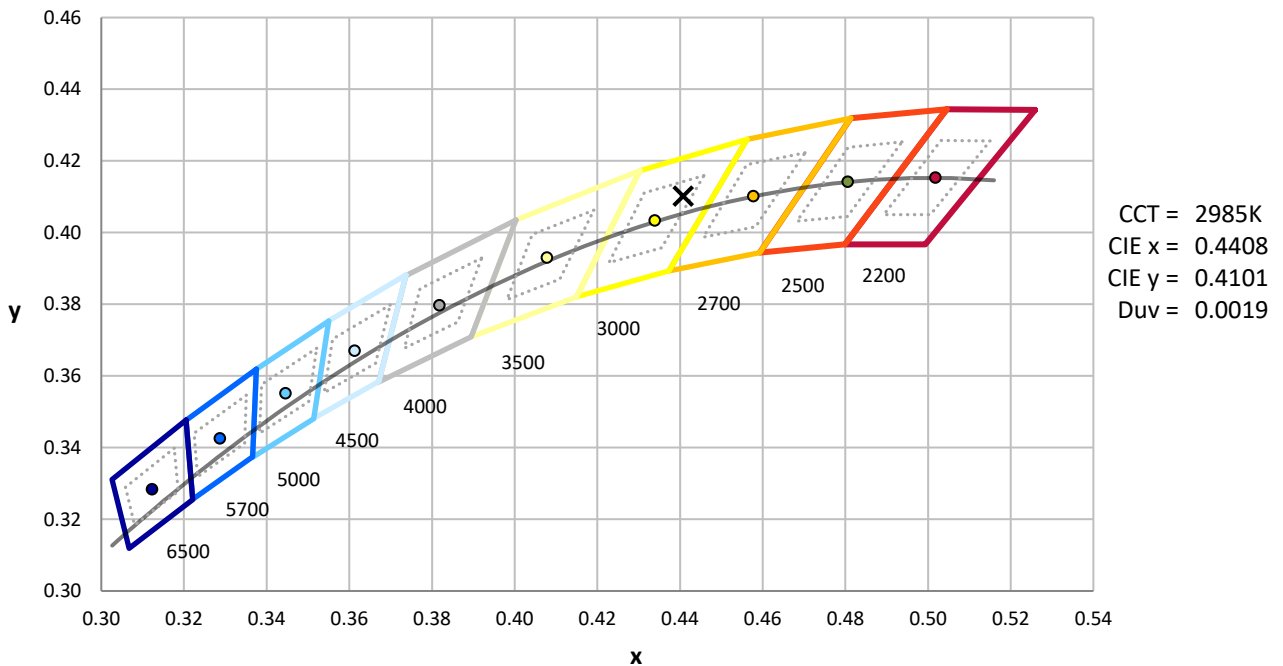
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



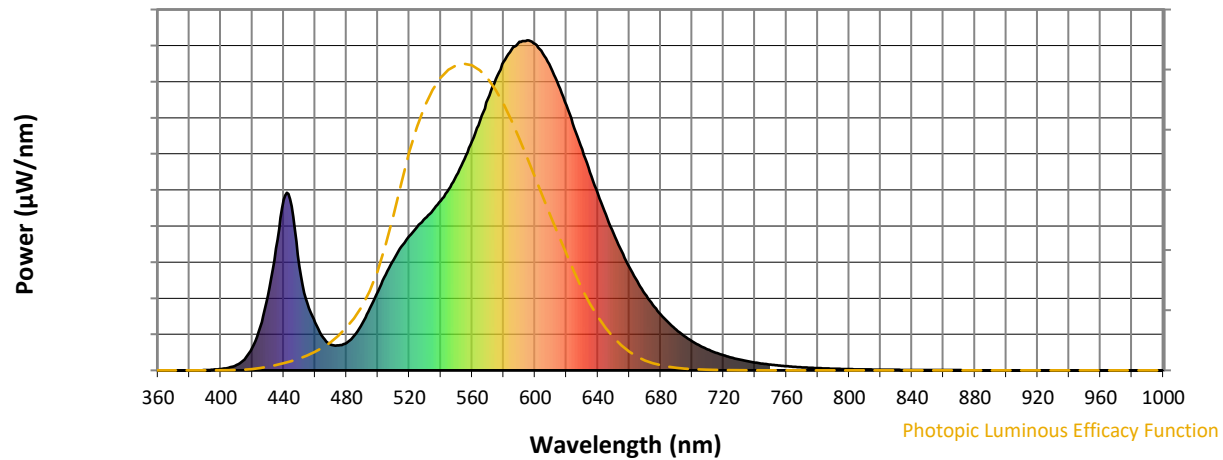
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

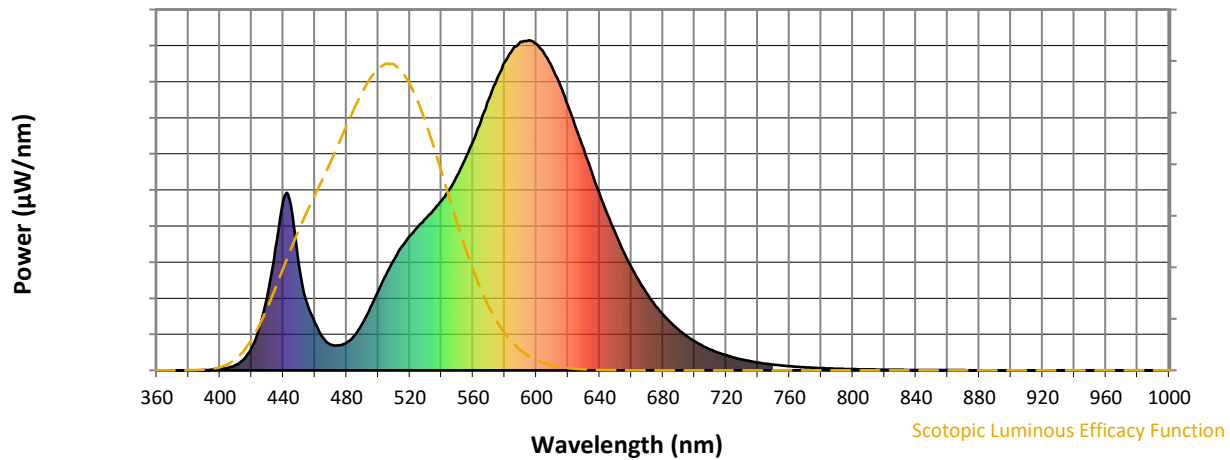


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



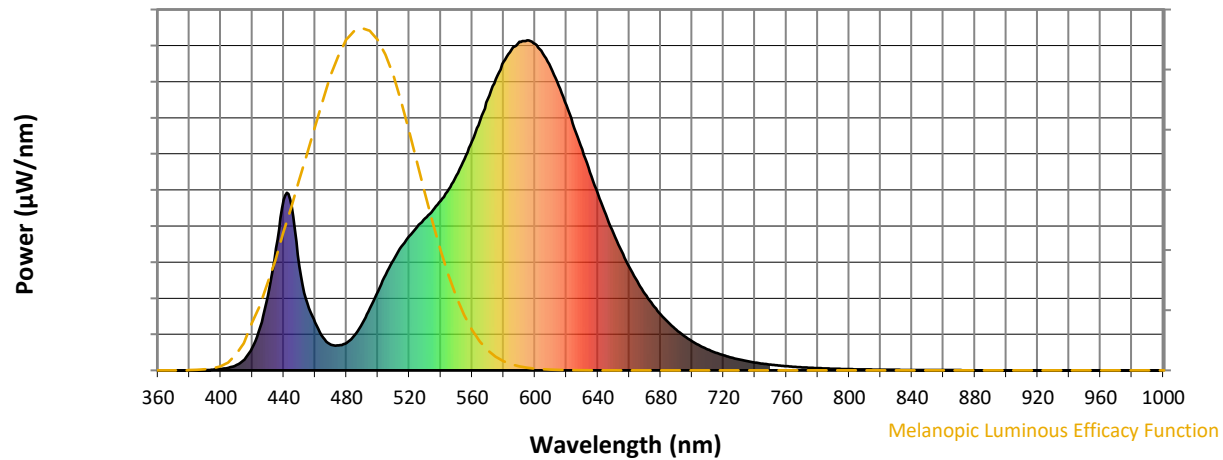
Scotopic Lumens: NR

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

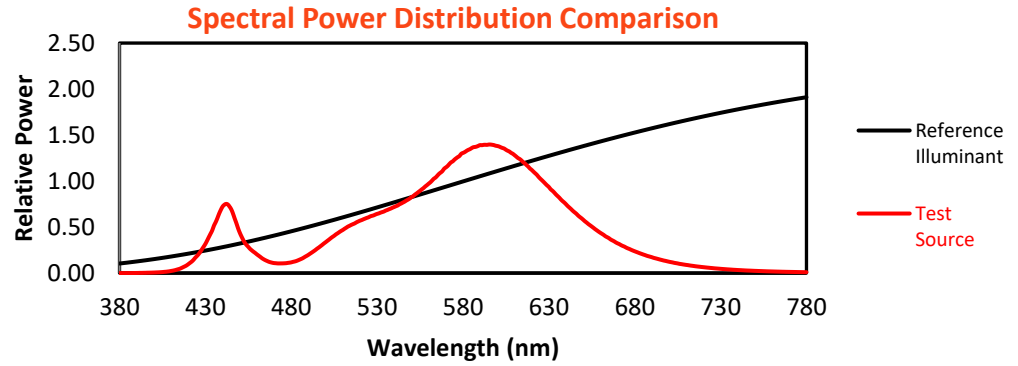
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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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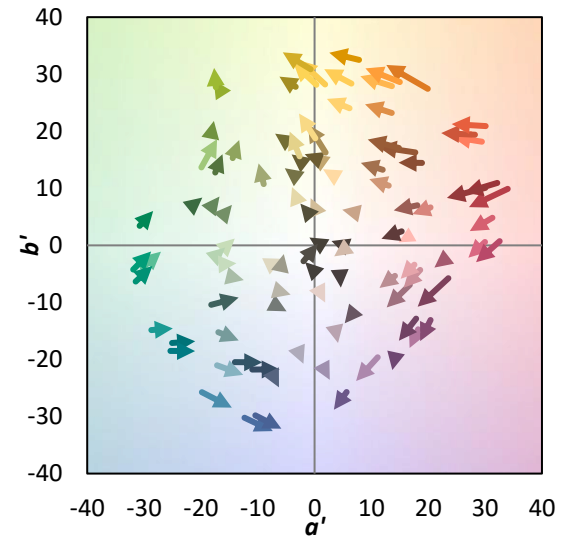
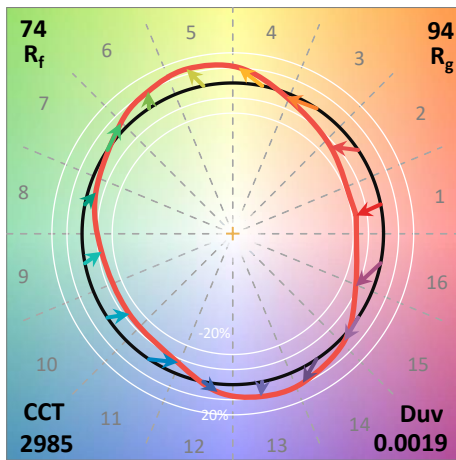
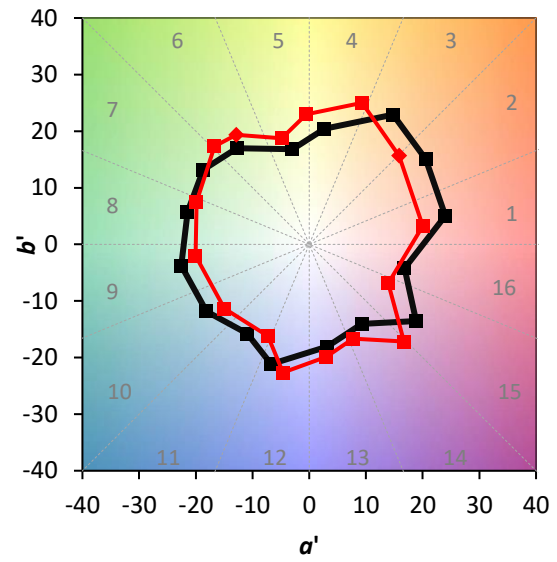
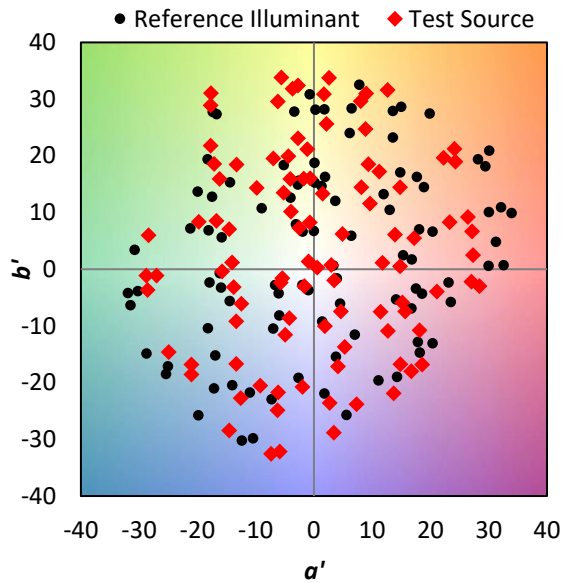
TM-30-18

Summary

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

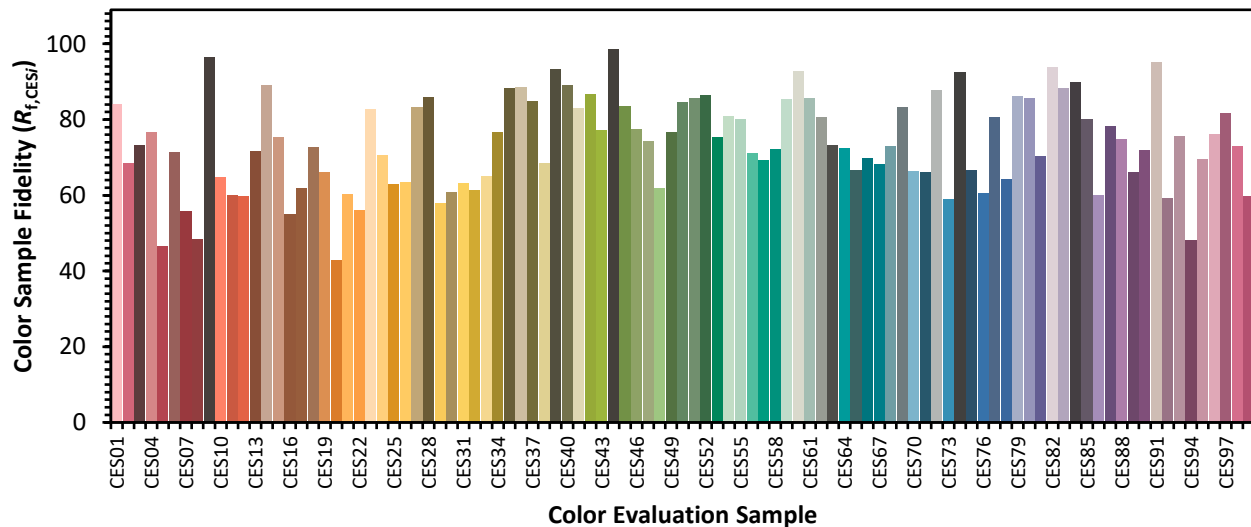


Color Vector Graphics

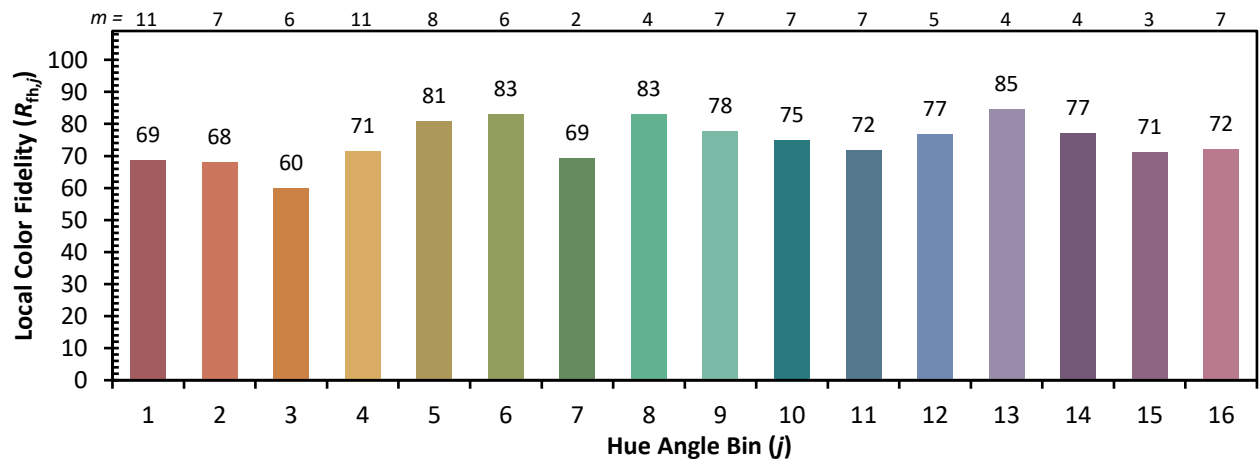
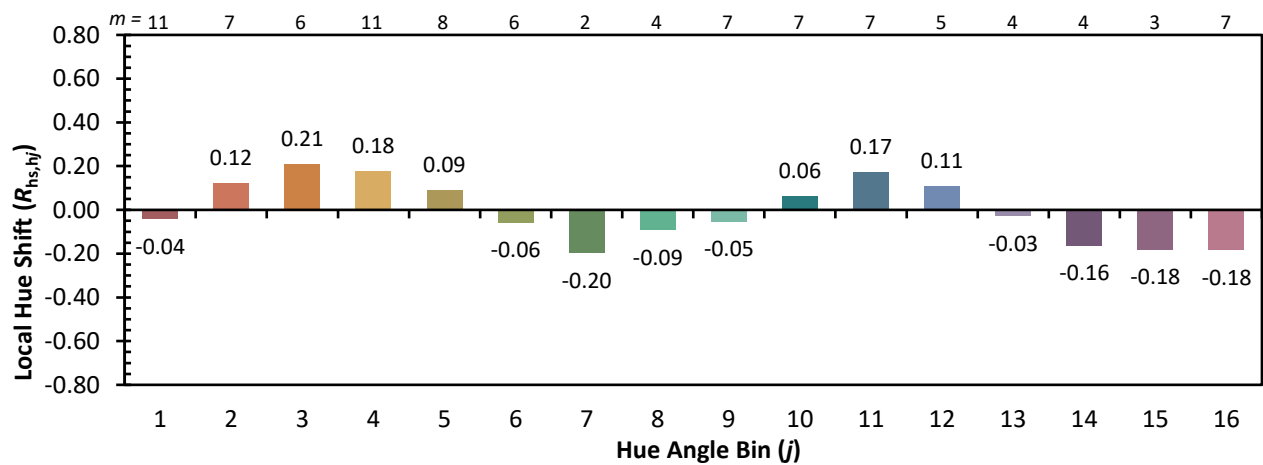
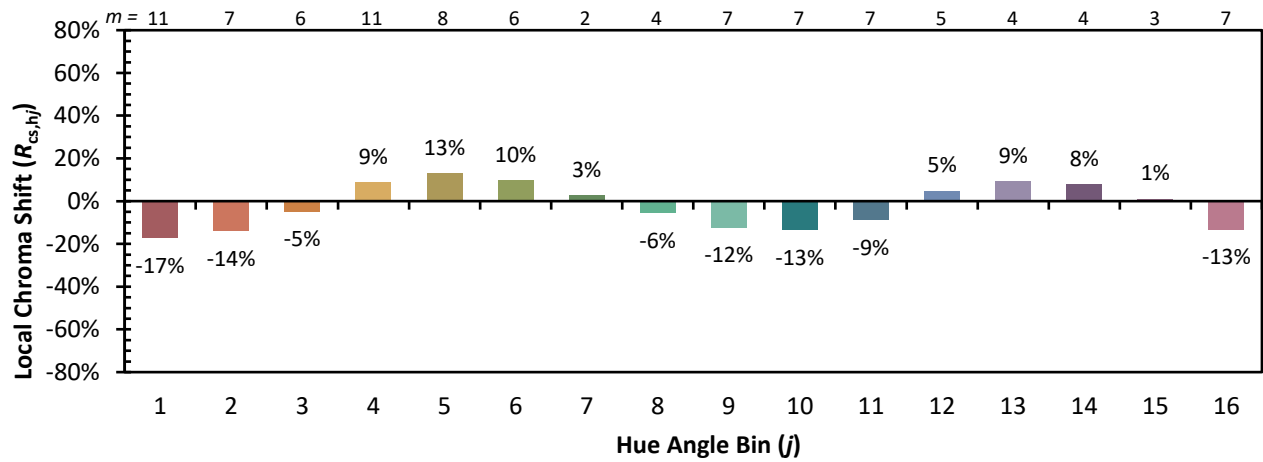


Individual Sample Fidelity Index ($R_{f,i}$)

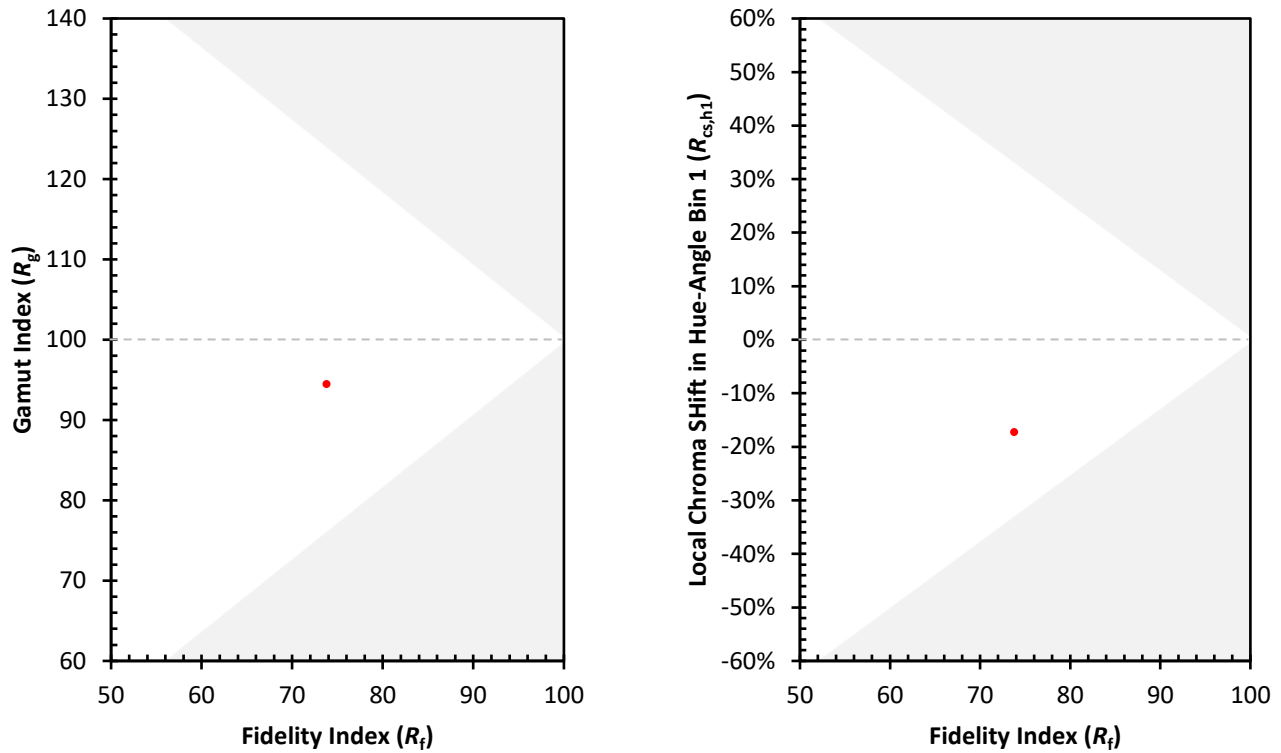
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)