

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: P1047930

Luminaire Tested: **GALN-SA5B-830-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047930
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-830-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19966.3 lumens
Efficiency: N/A
Efficacy: 111.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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



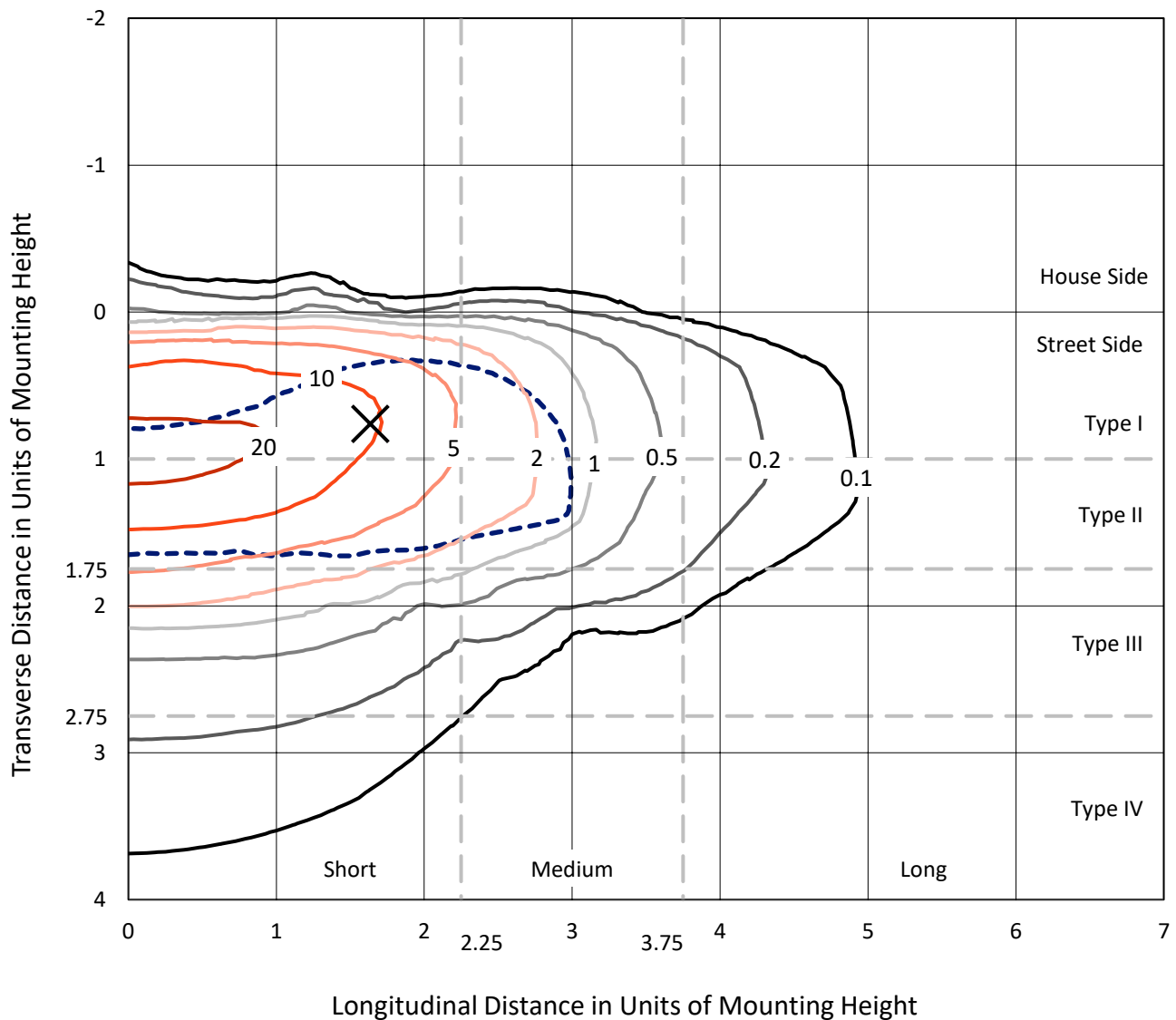
REPORT NUMBER: P1047930

CATALOG NUMBER: GALN-SA5B-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

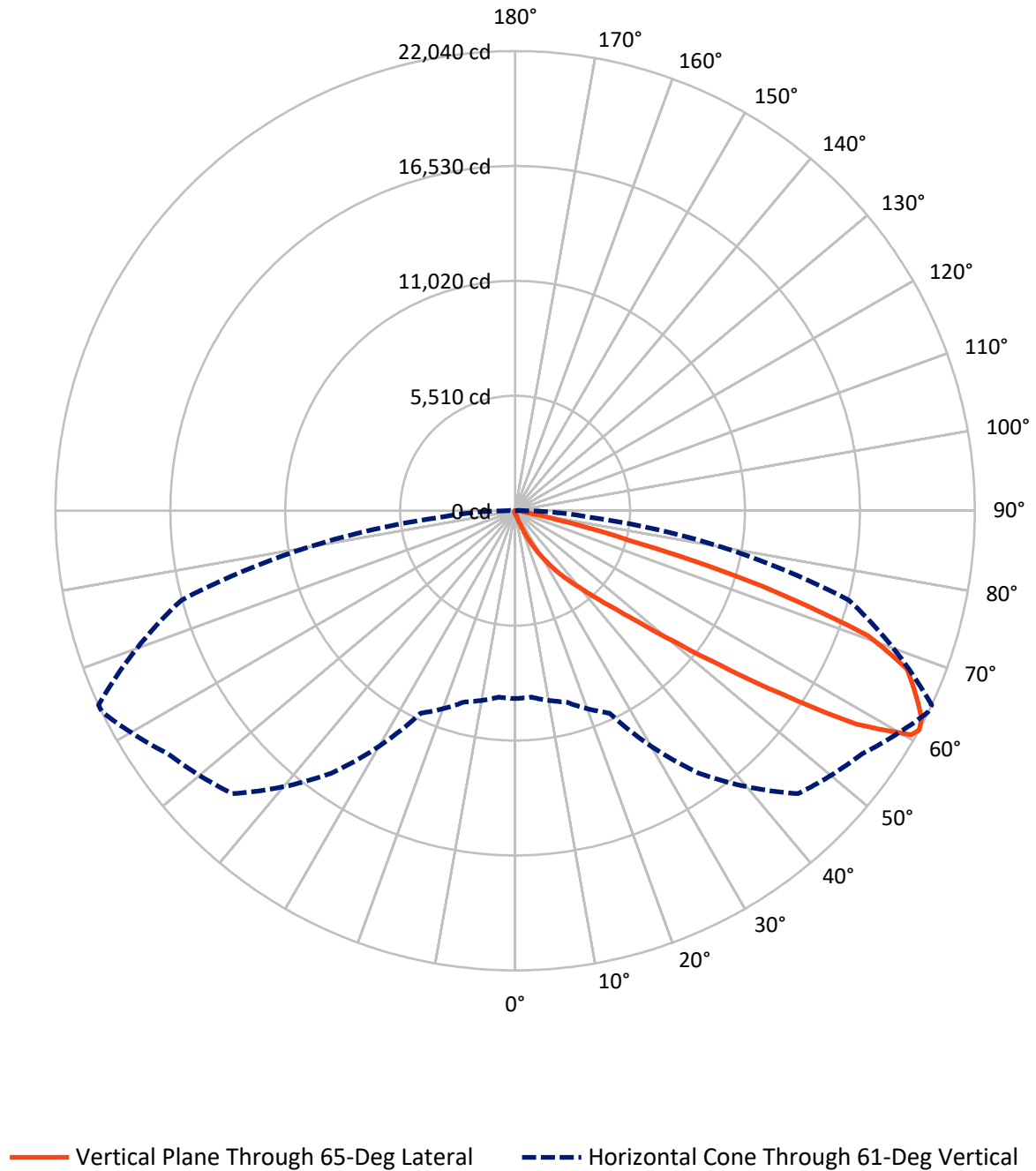


Based on 15 foot mounting height. Maximum calculated value = 26.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



REPORT NUMBER: P1047930

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	85.2	0.0	85.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19881.1	0.0	19881.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	19966.3	0.0	19966.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.5	0.1
10°-20°	164.2	0.8
20°-30°	589.2	3.0
30°-40°	1568.8	7.9
40°-50°	4121.1	20.6
50°-60°	6384.4	32.0
60°-70°	5353.3	26.8
70°-80°	1575.4	7.9
80°-90°	194.3	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°	19966.3	100.0
0°-180°	19966.3	100.0



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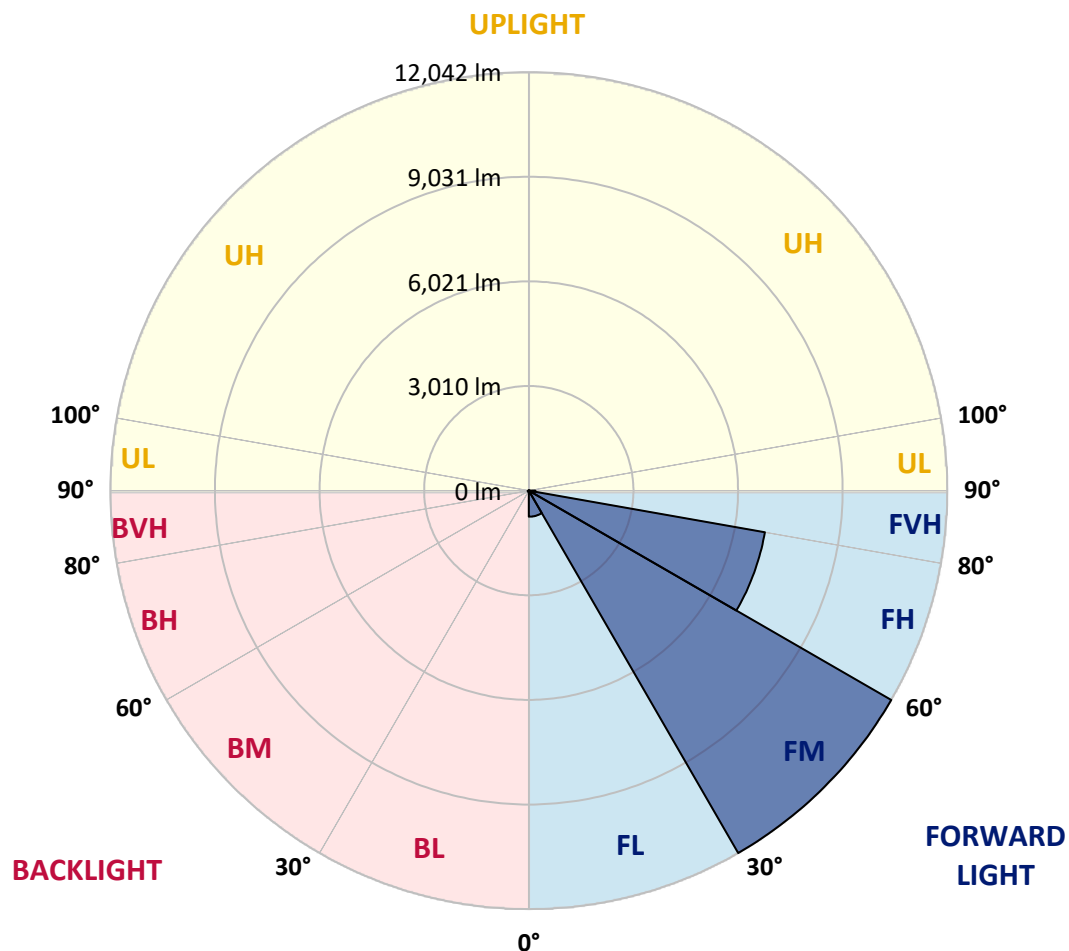
CATALOG NUMBER: GALN-SA5B-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	749.8	3.8			
FM	(30°-60°)	12041.9	60.3			
FH	(60°-80°)	6898.6	34.6			G3/7500
FVH	(80°-90°)	190.7	1.0			G2/225
BL	(0°-30°)	19.1	0.1	B0/110		
BM	(30°-60°)	32.4	0.2	B0/220		
BH	(60°-80°)	30.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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°	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2
2.5°	148.3	149.7	147.0	141.5	137.3	137.3	136.0	131.9	131.9	127.7	125.0
5°	207.4	204.6	199.2	188.2	178.6	168.9	159.3	149.7	148.3	136.0	127.7
7.5°	339.2	342.0	324.1	289.8	261.0	223.9	189.5	168.9	166.2	145.6	129.1
10°	744.4	723.8	682.6	549.4	451.9	340.6	252.7	196.4	193.7	156.6	131.9
12.5°	1357.0	1340.5	1265.0	1127.6	876.3	609.8	369.5	243.1	234.9	166.2	133.2
15°	1955.8	1929.7	1888.5	1749.8	1455.9	1093.3	604.3	332.4	310.4	179.9	131.9
17.5°	2337.6	2341.8	2304.7	2245.6	2056.1	1617.9	1043.8	495.8	453.2	204.6	129.1
20°	2671.4	2661.8	2682.4	2650.8	2517.6	2198.9	1519.1	785.6	712.8	244.5	130.5
22.5°	3056.0	3079.3	3094.4	3087.6	2940.6	2668.6	2058.8	1175.7	1083.7	317.3	134.6
25°	3571.0	3568.3	3569.6	3551.8	3408.9	3106.8	2600.0	1660.5	1567.1	435.4	144.2
27.5°	4110.8	4127.3	4134.1	4069.6	3882.8	3586.1	3101.3	2190.7	2080.8	624.9	156.6
30°	4848.3	4834.6	4803.0	4671.2	4444.5	4076.4	3595.7	2746.9	2631.6	890.0	175.8
32.5°	5842.7	5827.6	5668.3	5377.1	5037.9	4587.4	4092.9	3304.6	3164.5	1221.0	201.9
35°	7481.3	7504.6	7113.2	6359.1	5750.7	5201.3	4643.7	3859.4	3735.8	1628.9	237.6
37.5°	9990.6	9862.9	9331.3	7999.1	6688.8	5967.7	5169.7	4419.8	4312.7	2131.6	284.3
40°	12428.5	12302.1	12148.3	10886.1	8319.1	6812.4	5905.9	5077.7	4939.0	2698.9	353.0
42.5°	14991.4	14921.3	14914.5	13962.7	11294.0	8140.5	6791.8	5848.2	5730.1	3321.0	465.6
45°	16807.1	16737.1	16884.0	17050.2	15345.7	10986.4	8334.2	6849.5	6677.8	4076.4	645.5
47.5°	17051.6	17054.3	17447.1	17967.7	18356.4	15388.3	10388.9	8176.2	7967.5	5157.4	947.7
50°	16238.5	16270.1	16895.0	17826.2	18872.8	19081.6	14012.1	10101.8	9792.8	6438.8	1376.2
52.5°	14690.6	14726.3	15597.1	17128.5	18397.6	19968.8	18278.1	12620.8	12265.1	8037.5	1980.5
55°	13296.5	13318.5	14317.0	16252.2	17824.8	19486.7	20810.8	15984.4	15517.4	10004.3	2576.6
57.5°	11916.2	11865.4	12515.0	14730.4	17727.3	18894.8	21184.3	19817.7	19302.7	12153.8	3040.9
60°	10070.3	9985.1	10507.0	11916.2	16444.5	19283.5	20485.2	21938.4	21821.6	15146.6	3399.3
61°	9008.6	8972.9	9497.5	10706.2	15365.0	19184.6	20317.7	22027.7	22040.0	16562.6	3560.0
62.5°	6433.3	6535.0	7337.1	8908.3	12869.4	18543.2	20339.7	21751.6	21873.8	18444.3	3976.2
65°	2859.6	3023.0	3646.6	4925.2	7484.0	15425.4	20144.6	21145.9	21085.5	18960.7	5410.1
67.5°	1696.2	1721.0	2031.4	2790.9	3963.8	8297.1	17776.8	20345.2	20264.1	16506.3	6731.4
70°	1336.4	1348.7	1447.6	1751.2	2300.6	3178.2	10145.8	17602.3	17955.3	13384.4	6589.9
72.5°	1267.7	1265.0	1278.7	1332.3	1449.0	1576.7	3928.1	11700.6	12418.9	9639.0	5525.5
75°	1251.2	1245.7	1232.0	1211.4	1049.3	928.5	1216.9	5175.2	5591.4	6585.8	4160.2
77.5°	1214.1	1215.5	1218.3	1162.0	899.6	656.5	589.2	1660.5	2042.3	4179.5	2957.1
80°	821.3	833.7	854.3	832.3	809.0	475.2	416.2	590.6	598.8	2345.9	1953.1
82.5°	416.2	416.2	406.5	362.6	313.2	309.0	331.0	428.5	434.0	1186.7	918.8
85°	251.3	265.1	270.6	245.9	225.2	207.4	252.7	340.6	353.0	460.1	214.3
87.5°	56.3	57.7	63.2	83.8	122.2	166.2	234.9	311.8	317.3	295.3	26.1
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2
2.5°	123.6	120.9	119.5	115.4	111.3	107.1	104.4	103.0	104.4	105.8	105.8
5°	122.2	118.1	111.3	104.4	98.9	93.4	87.9	86.5	86.5	87.9	87.9
7.5°	122.2	115.4	105.8	97.5	89.3	81.0	76.9	74.2	75.5	75.5	75.5
10°	122.2	114.0	101.6	89.3	79.7	70.0	63.2	60.4	60.4	60.4	60.4
12.5°	120.9	112.6	97.5	82.4	68.7	57.7	49.4	45.3	46.7	46.7	46.7
15°	118.1	108.5	92.0	70.0	54.9	44.0	35.7	31.6	33.0	35.7	37.1
17.5°	114.0	104.4	82.4	59.1	44.0	33.0	24.7	22.0	23.3	27.5	27.5
20°	112.6	100.3	72.8	48.1	33.0	23.3	16.5	13.7	15.1	20.6	22.0
22.5°	112.6	97.5	65.9	39.8	24.7	15.1	9.6	5.5	5.5	9.6	9.6
25°	114.0	96.1	60.4	33.0	17.9	11.0	5.5	2.7	5.5	15.1	17.9
27.5°	116.7	94.8	57.7	27.5	13.7	9.6	4.1	9.6	16.5	16.5	16.5
30°	119.5	92.0	53.6	23.3	12.4	6.9	6.9	13.7	13.7	16.5	17.9
32.5°	123.6	90.6	50.8	20.6	9.6	5.5	9.6	8.2	8.2	9.6	11.0
35°	131.9	92.0	48.1	20.6	9.6	6.9	8.2	4.1	2.7	2.7	2.7
37.5°	142.8	93.4	44.0	17.9	8.2	8.2	4.1	0.0	0.0	0.0	0.0
40°	160.7	97.5	41.2	16.5	6.9	6.9	1.4	0.0	0.0	0.0	0.0
42.5°	190.9	105.8	39.8	15.1	6.9	5.5	0.0	0.0	0.0	0.0	0.0
45°	251.3	125.0	37.1	13.7	6.9	2.7	0.0	0.0	0.0	0.0	0.0
47.5°	361.2	170.3	35.7	11.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	527.4	230.7	34.3	9.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	673.0	243.1	23.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	689.5	167.6	17.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	549.4	108.5	15.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	416.2	82.4	13.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	399.7	74.2	13.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	440.9	64.6	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	716.9	53.6	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1245.7	46.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1574.0	44.0	8.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1372.1	39.8	8.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	825.5	34.3	8.2	5.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	432.6	26.1	8.2	6.9	4.1	1.4	0.0	0.0	0.0	0.0	0.0
80°	210.1	23.3	9.6	6.9	5.5	2.7	0.0	0.0	0.0	0.0	0.0
82.5°	82.4	19.2	11.0	9.6	6.9	4.1	1.4	0.0	0.0	0.0	0.0
85°	37.1	16.5	12.4	11.0	9.6	5.5	1.4	0.0	0.0	0.0	0.0
87.5°	19.2	15.1	13.7	12.4	9.6	6.9	2.7	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

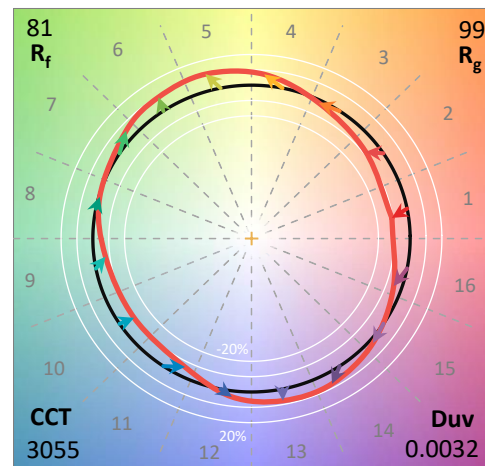
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

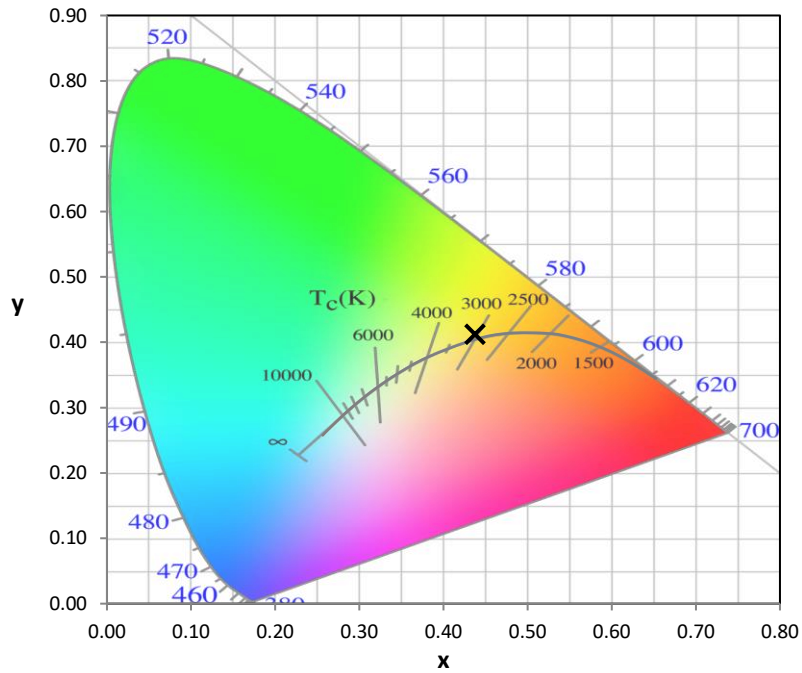
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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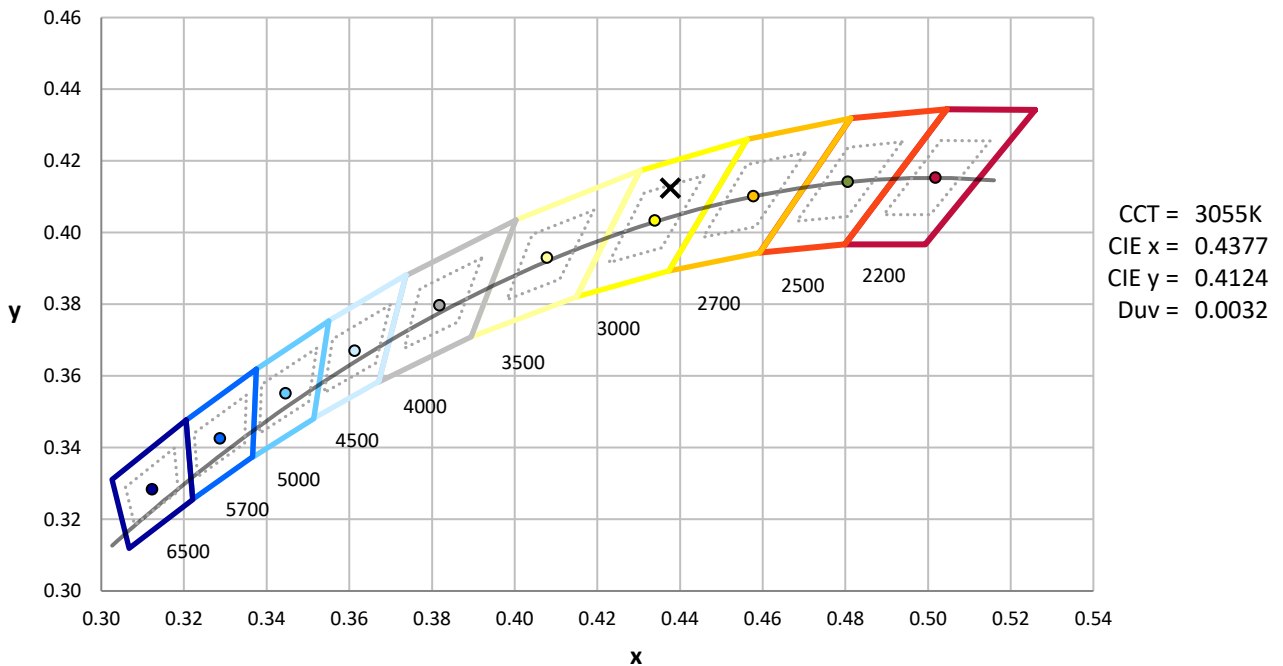
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



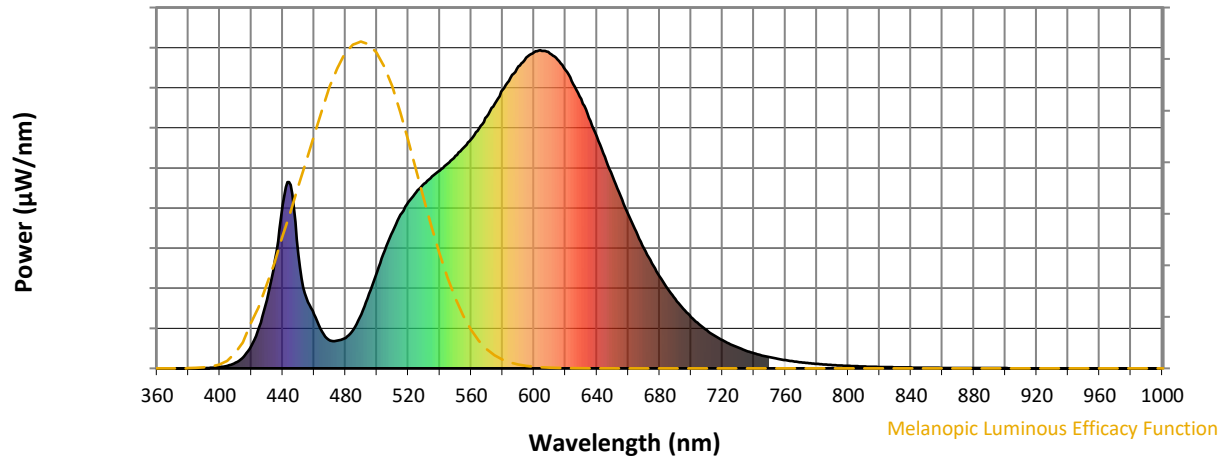
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

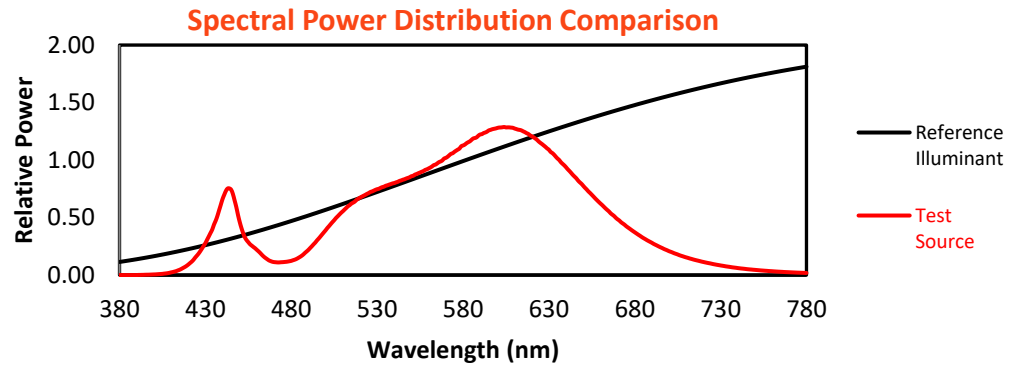
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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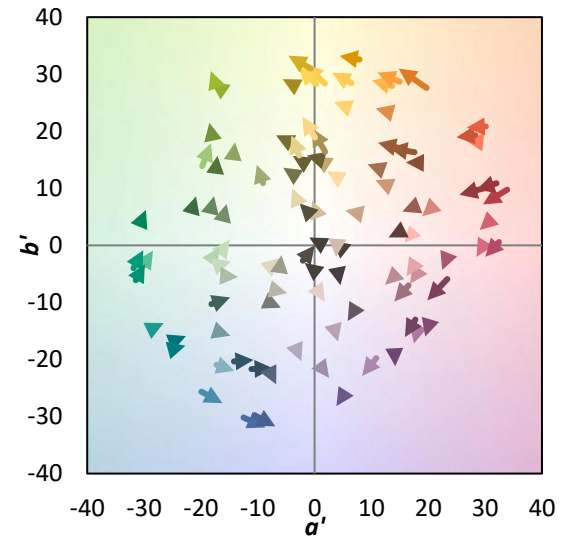
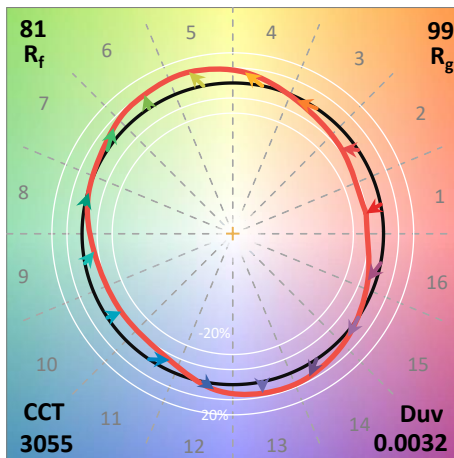
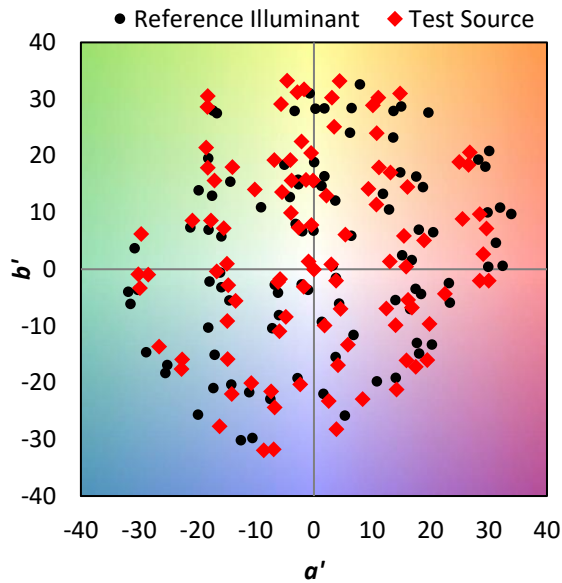
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics

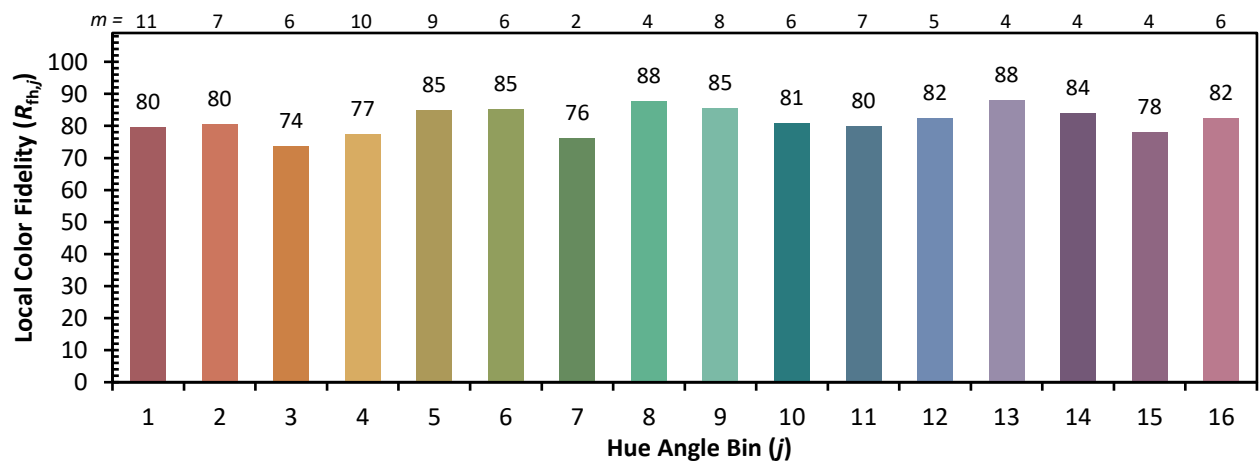
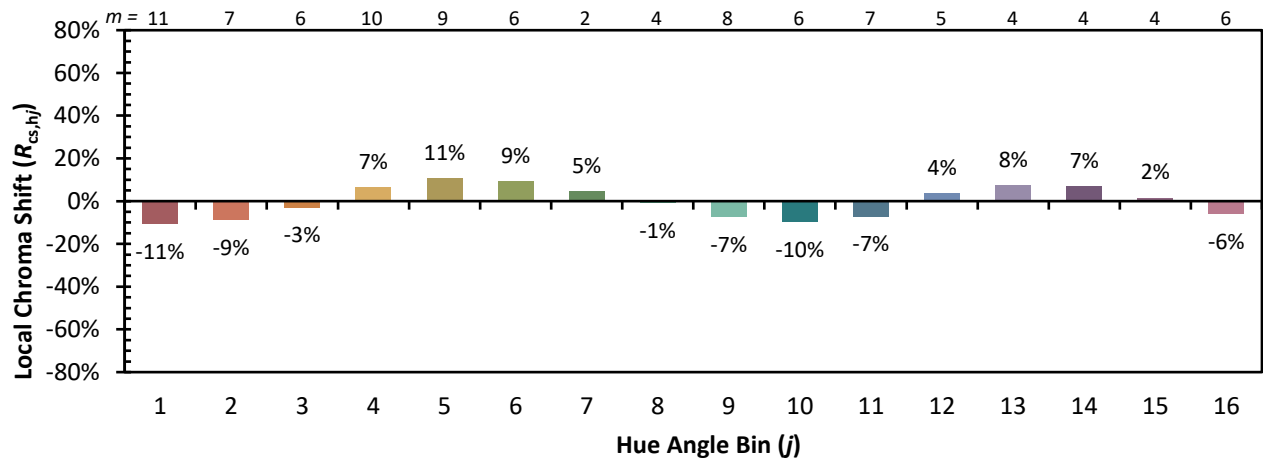


Individual Sample Fidelity Index ($R_{f,i}$)

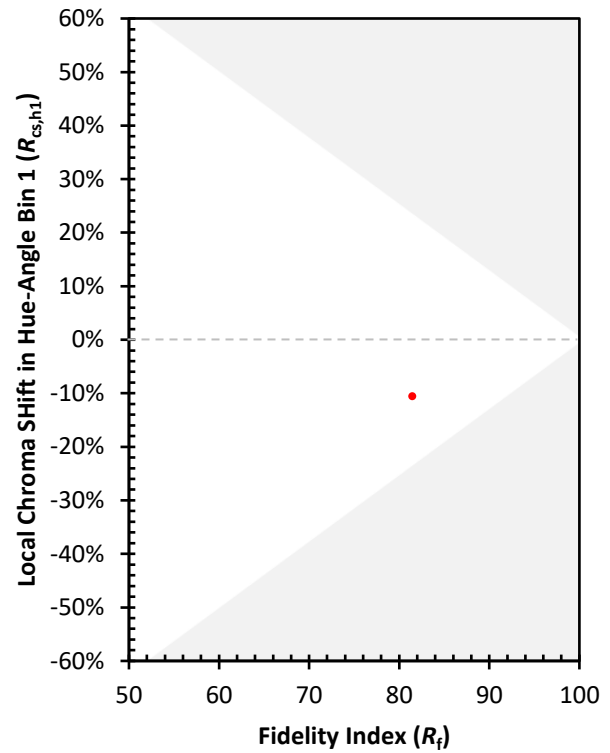
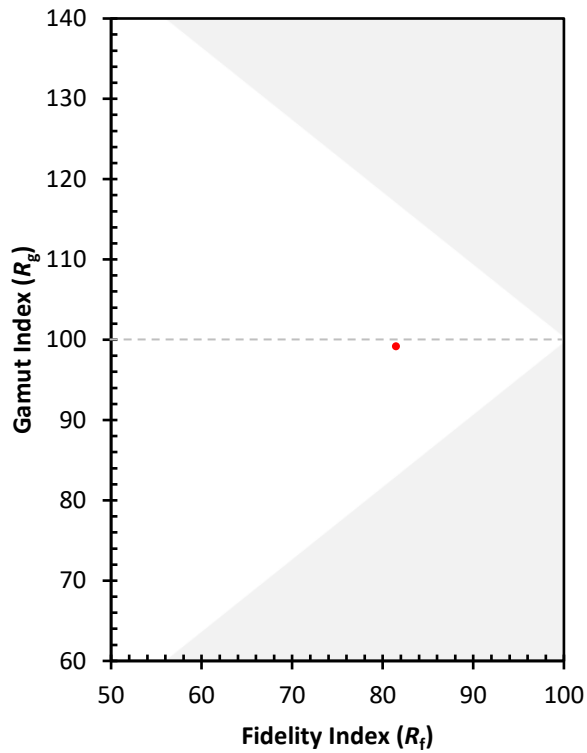
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)