

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: P1047929

Luminaire Tested: **GALN-SA5A-830-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047929
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-830-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 15947.2 lumens
Efficiency: N/A
Efficacy: 116.7 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): 136.6
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



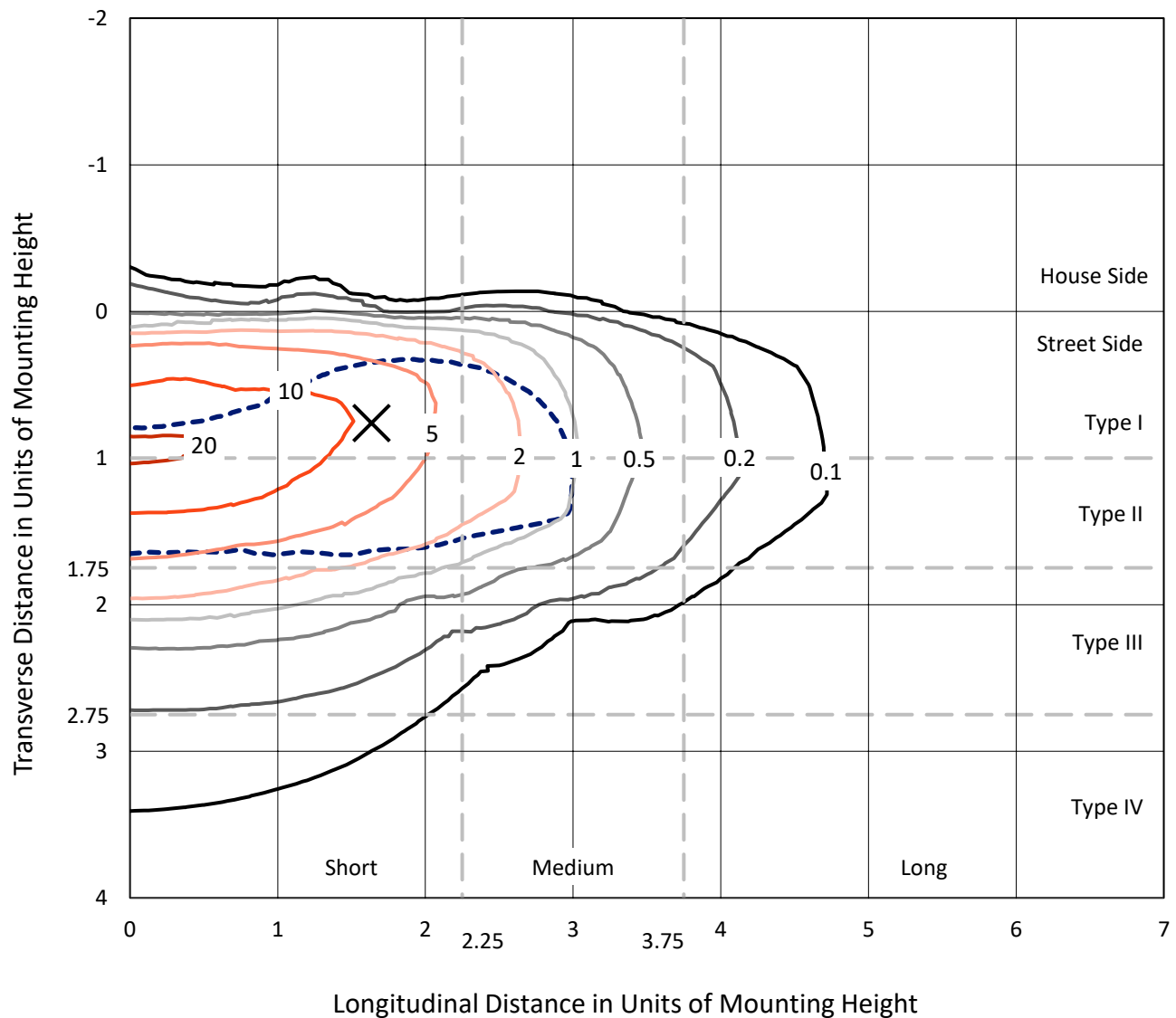
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

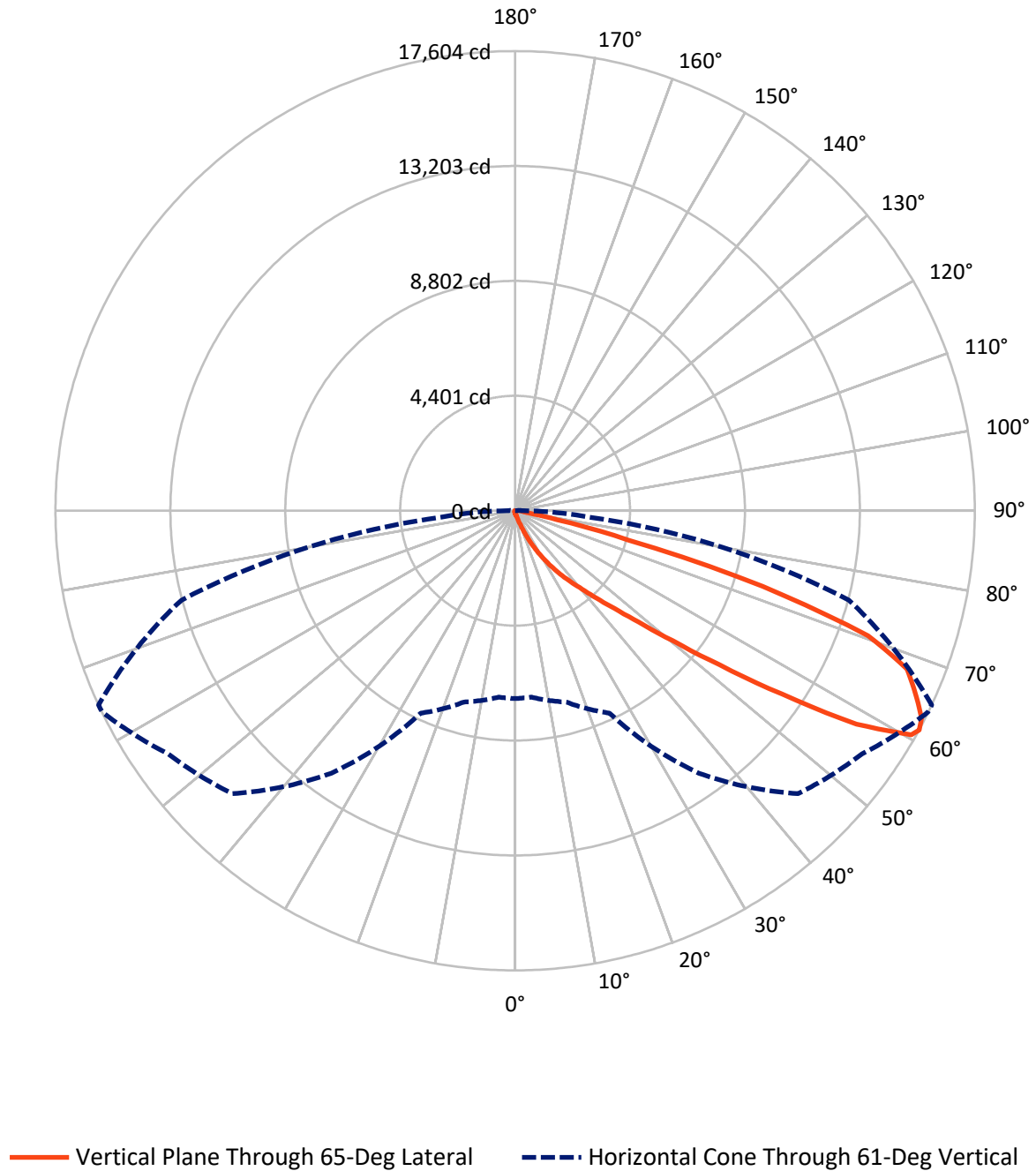


Based on 15 foot mounting height. Maximum calculated value = 21.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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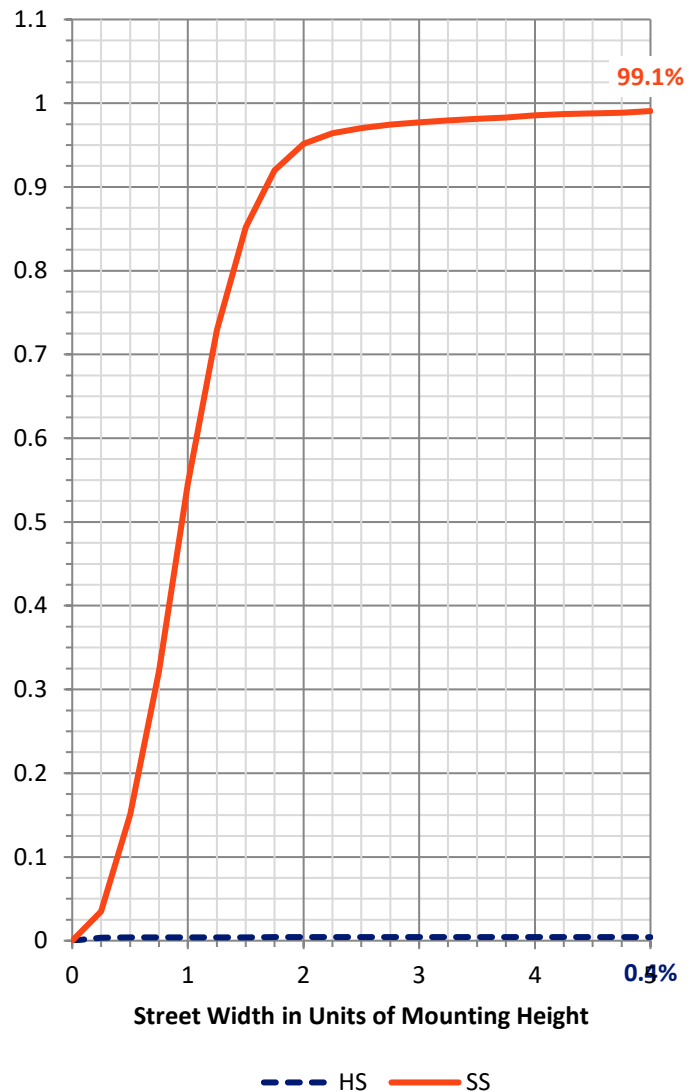
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.1	0.0	68.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15879.1	0.0	15879.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	15947.2	0.0	15947.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.4	0.1
10°-20°	131.1	0.8
20°-30°	470.6	3.0
30°-40°	1253.0	7.9
40°-50°	3291.6	20.6
50°-60°	5099.3	32.0
60°-70°	4275.7	26.8
70°-80°	1258.3	7.9
80°-90°	155.2	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°	15947.2	100.0
0°-180°	15947.2	100.0



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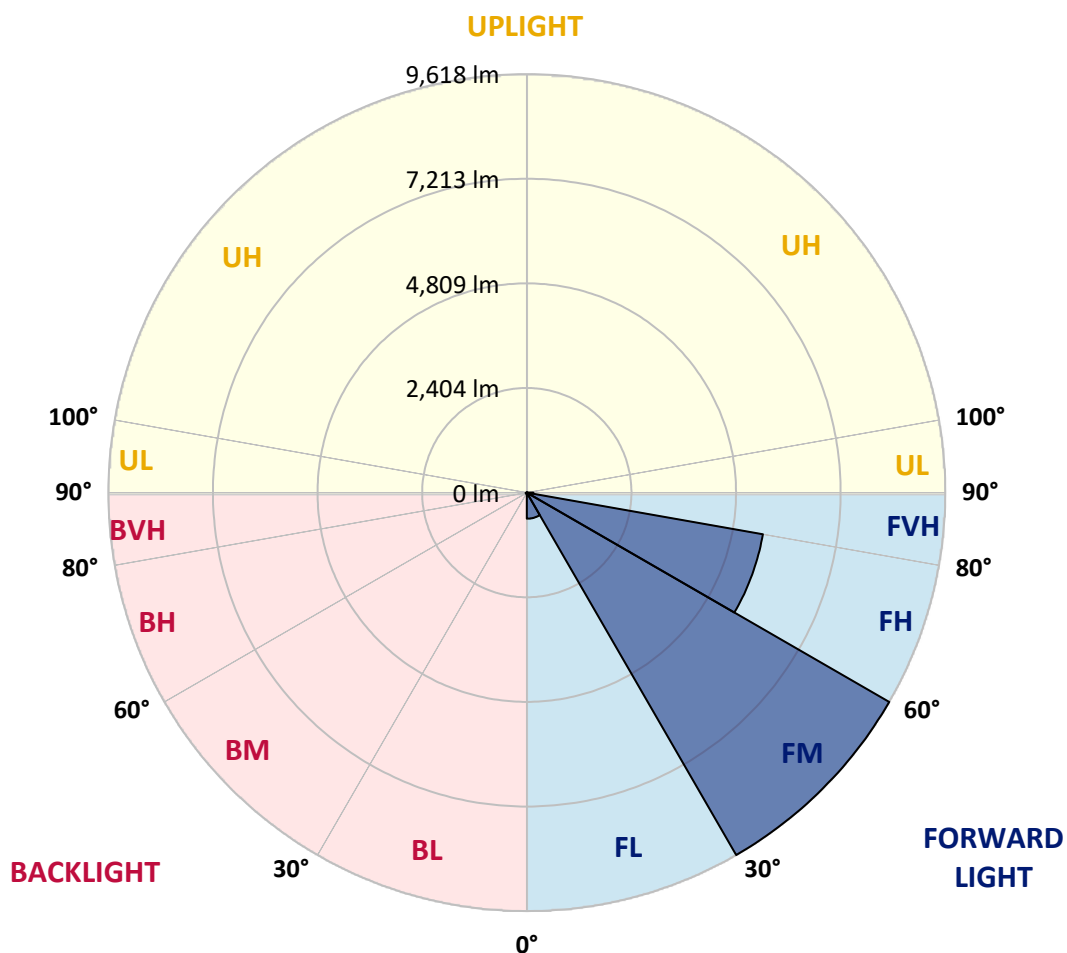
CATALOG NUMBER: GALN-SA5A-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	598.9	3.8			
FM	(30°-60°)	9618.0	60.3			
FH	(60°-80°)	5509.9	34.6			G3/7500
FVH	(80°-90°)	152.3	1.0			G2/225
BL	(0°-30°)	15.3	0.1	B0/110		
BM	(30°-60°)	25.9	0.2	B0/220		
BH	(60°-80°)	24.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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-G3

Type II Short





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CATALOG NUMBER: GALN-SA5A-830-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2.5°	118.5	119.6	117.4	113.0	109.7	109.7	108.6	105.3	105.3	102.0	99.8
5°	165.6	163.5	159.1	150.3	142.6	134.9	127.3	119.6	118.5	108.6	102.0
7.5°	271.0	273.2	258.9	231.5	208.4	178.8	151.4	134.9	132.7	116.3	103.1
10°	594.6	578.1	545.2	438.8	360.9	272.1	201.8	156.9	154.7	125.1	105.3
12.5°	1083.8	1070.7	1010.3	900.6	699.9	487.1	295.1	194.2	187.6	132.7	106.4
15°	1562.1	1541.3	1508.4	1397.6	1162.8	873.2	482.7	265.5	247.9	143.7	105.3
17.5°	1867.1	1870.4	1840.8	1793.6	1642.2	1292.3	833.7	396.0	362.0	163.5	103.1
20°	2133.7	2126.0	2142.4	2117.2	2010.8	1756.3	1213.3	627.5	569.3	195.3	104.2
22.5°	2440.8	2459.5	2471.5	2466.0	2348.7	2131.5	1644.4	939.0	865.5	253.4	107.5
25°	2852.2	2850.0	2851.1	2836.8	2722.7	2481.4	2076.6	1326.3	1251.7	347.7	115.2
27.5°	3283.3	3296.5	3302.0	3250.4	3101.2	2864.3	2477.0	1749.7	1661.9	499.1	125.1
30°	3872.4	3861.4	3836.2	3730.9	3549.9	3255.9	2871.9	2194.0	2101.8	710.9	140.4
32.5°	4666.6	4654.6	4527.3	4294.7	4023.8	3664.0	3269.0	2639.4	2527.5	975.2	161.3
35°	5975.3	5994.0	5681.3	5079.1	4593.1	4154.3	3708.9	3082.6	2983.8	1301.0	189.8
37.5°	7979.5	7877.5	7453.0	6388.9	5342.4	4766.4	4129.1	3530.1	3444.6	1702.5	227.1
40°	9926.7	9825.8	9702.9	8694.8	6644.5	5441.1	4717.1	4055.6	3944.8	2155.6	281.9
42.5°	11973.7	11917.8	11912.3	11152.1	9020.6	6501.9	5424.6	4671.0	4576.7	2652.5	371.9
45°	13423.9	13368.0	13485.4	13618.1	12256.7	8774.9	6656.6	5470.7	5333.6	3255.9	515.6
47.5°	13619.2	13621.4	13935.1	14350.9	14661.4	12290.7	8297.7	6530.4	6363.7	4119.2	756.9
50°	12969.8	12995.0	13494.1	14237.9	15073.8	15240.6	11191.6	8068.4	7821.6	5142.7	1099.2
52.5°	11733.5	11762.0	12457.5	13680.6	14694.3	15949.2	14598.8	10080.3	9796.2	6419.6	1581.9
55°	10620.0	10637.6	11435.1	12980.8	14236.8	15564.2	16621.7	12766.8	12393.9	7990.5	2058.0
57.5°	9517.5	9476.9	9995.8	11765.3	14158.9	15091.4	16920.1	15828.6	15417.2	9707.3	2428.7
60°	8043.2	7975.2	8392.0	9517.5	13134.3	15401.8	16361.7	17522.3	17429.1	12097.7	2715.1
61°	7195.2	7166.7	7585.7	8551.1	12272.1	15322.8	16227.9	17593.6	17603.5	13228.7	2843.4
62.5°	5138.3	5219.5	5860.2	7115.1	10278.9	14810.5	16245.4	17373.1	17470.8	14731.6	3175.8
65°	2283.9	2414.5	2912.5	3933.8	5977.5	12320.4	16089.6	16889.4	16841.1	15144.0	4321.1
67.5°	1354.8	1374.5	1622.5	2229.1	3165.9	6627.0	14198.4	16249.8	16185.1	13183.7	5376.4
70°	1067.4	1077.3	1156.2	1398.7	1837.5	2538.4	8103.5	14059.1	14341.0	10690.2	5263.4
72.5°	1012.5	1010.3	1021.3	1064.1	1157.3	1259.4	3137.4	9345.3	9919.0	7698.7	4413.2
75°	999.4	995.0	984.0	967.6	838.1	741.6	971.9	4133.5	4465.9	5260.1	3322.8
77.5°	969.7	970.8	973.0	928.1	718.5	524.4	470.6	1326.3	1631.2	3338.2	2361.8
80°	656.0	665.9	682.3	664.8	646.1	379.6	332.4	471.7	478.3	1873.7	1559.9
82.5°	332.4	332.4	324.7	289.6	250.1	246.8	264.4	342.3	346.7	947.8	733.9
85°	200.8	211.7	216.1	196.4	179.9	165.6	201.8	272.1	281.9	367.5	171.1
87.5°	45.0	46.1	50.5	66.9	97.6	132.7	187.6	249.0	253.4	235.9	20.8
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-SA5A-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2.5°	98.7	96.5	95.4	92.1	88.9	85.6	83.4	82.3	83.4	84.5	84.5
5°	97.6	94.3	88.9	83.4	79.0	74.6	70.2	69.1	69.1	70.2	70.2
7.5°	97.6	92.1	84.5	77.9	71.3	64.7	61.4	59.2	60.3	60.3	60.3
10°	97.6	91.1	81.2	71.3	63.6	55.9	50.5	48.3	48.3	48.3	48.3
12.5°	96.5	90.0	77.9	65.8	54.8	46.1	39.5	36.2	37.3	37.3	37.3
15°	94.3	86.7	73.5	55.9	43.9	35.1	28.5	25.2	26.3	28.5	29.6
17.5°	91.1	83.4	65.8	47.2	35.1	26.3	19.7	17.6	18.6	21.9	21.9
20°	90.0	80.1	58.1	38.4	26.3	18.6	13.2	11.0	12.1	16.5	17.6
22.5°	90.0	77.9	52.7	31.8	19.7	12.1	7.7	4.4	4.4	7.7	7.7
25°	91.1	76.8	48.3	26.3	14.3	8.8	4.4	2.2	4.4	12.1	14.3
27.5°	93.2	75.7	46.1	21.9	11.0	7.7	3.3	7.7	13.2	13.2	13.2
30°	95.4	73.5	42.8	18.6	9.9	5.5	5.5	11.0	11.0	13.2	14.3
32.5°	98.7	72.4	40.6	16.5	7.7	4.4	7.7	6.6	6.6	7.7	8.8
35°	105.3	73.5	38.4	16.5	7.7	5.5	6.6	3.3	2.2	2.2	2.2
37.5°	114.1	74.6	35.1	14.3	6.6	6.6	3.3	0.0	0.0	0.0	0.0
40°	128.3	77.9	32.9	13.2	5.5	5.5	1.1	0.0	0.0	0.0	0.0
42.5°	152.5	84.5	31.8	12.1	5.5	4.4	0.0	0.0	0.0	0.0	0.0
45°	200.8	99.8	29.6	11.0	5.5	2.2	0.0	0.0	0.0	0.0	0.0
47.5°	288.5	136.0	28.5	8.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	421.2	184.3	27.4	7.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	537.5	194.2	18.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	550.7	133.8	14.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	438.8	86.7	12.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	332.4	65.8	11.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	319.2	59.2	11.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	352.1	51.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	572.6	42.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	995.0	37.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1257.2	35.1	6.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1095.9	31.8	6.6	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	659.3	27.4	6.6	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	345.6	20.8	6.6	5.5	3.3	1.1	0.0	0.0	0.0	0.0	0.0
80°	167.8	18.6	7.7	5.5	4.4	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	65.8	15.4	8.8	7.7	5.5	3.3	1.1	0.0	0.0	0.0	0.0
85°	29.6	13.2	9.9	8.8	7.7	4.4	1.1	0.0	0.0	0.0	0.0
87.5°	15.4	12.1	11.0	9.9	7.7	5.5	2.2	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

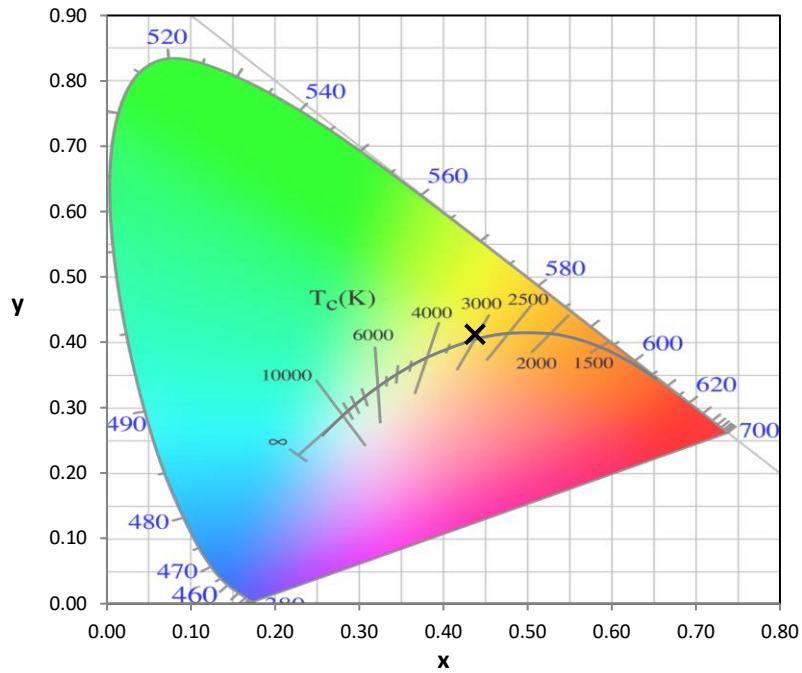
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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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

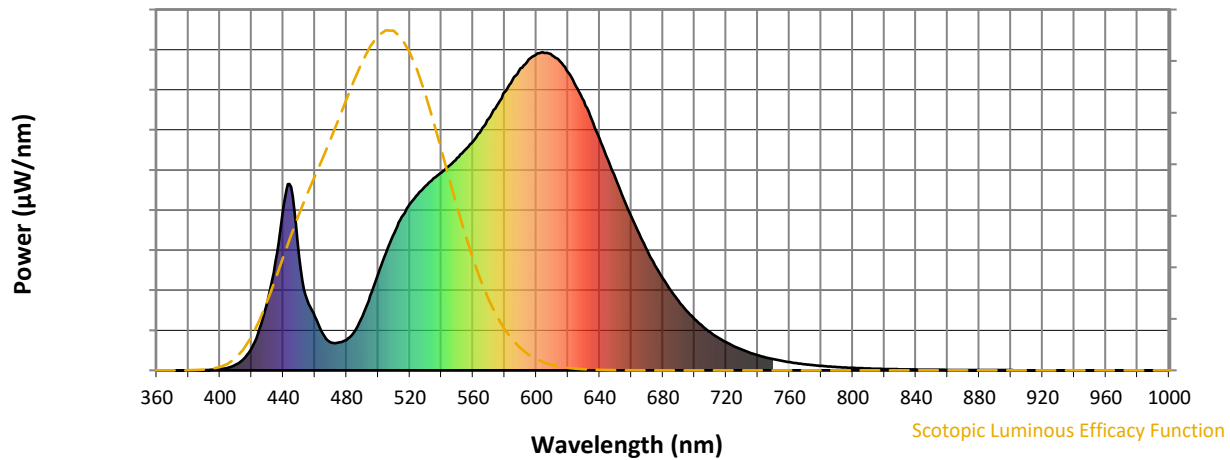


Photopic Lumens: NR

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



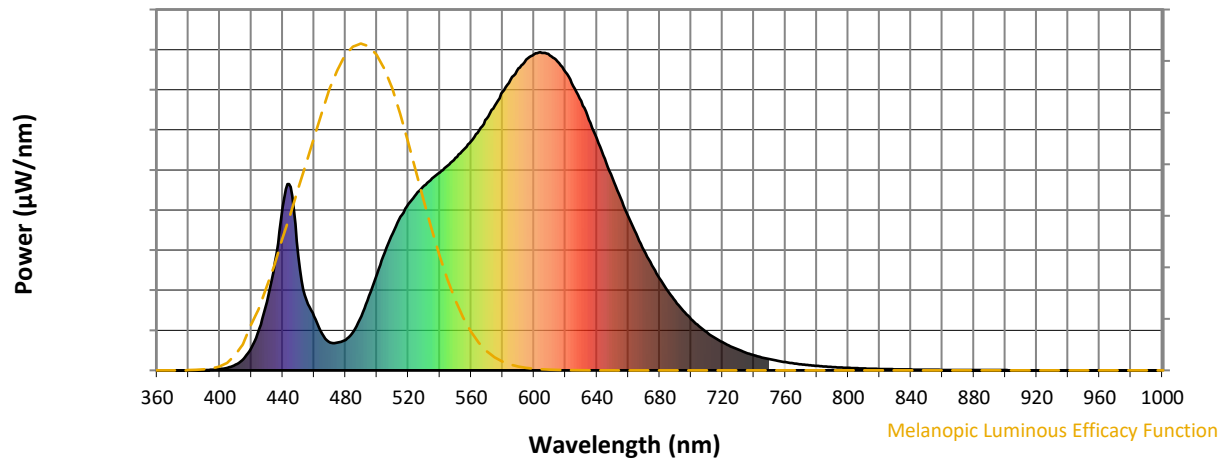
Scotopic Lumens: NR

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

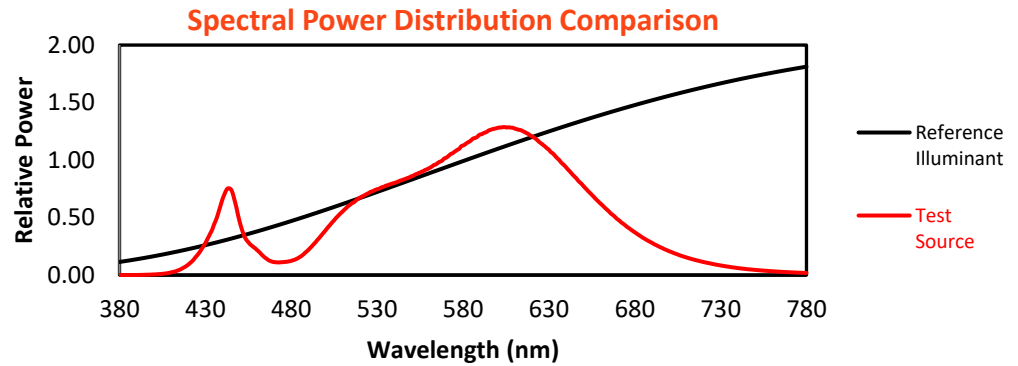
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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

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



Color Vector Graphics

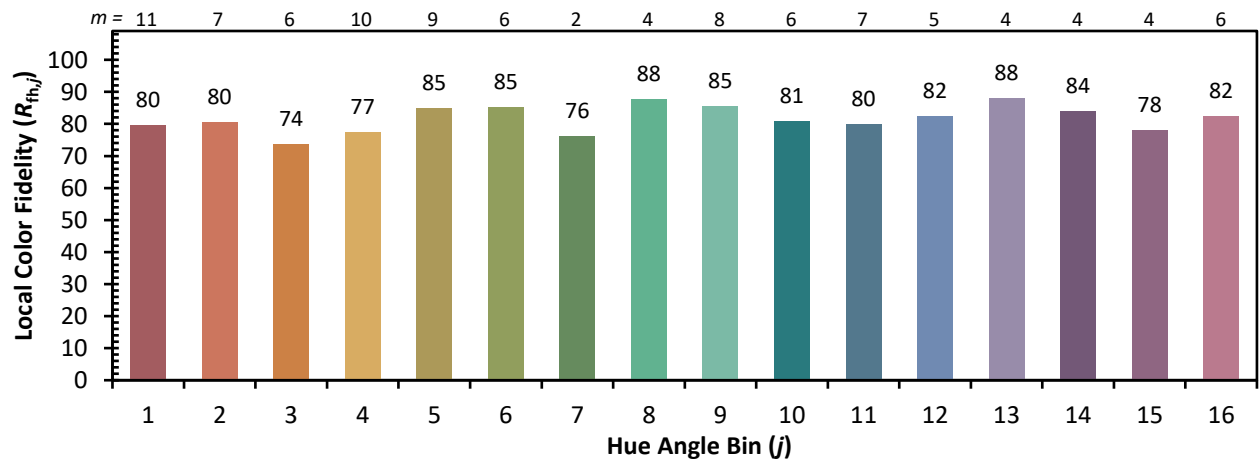
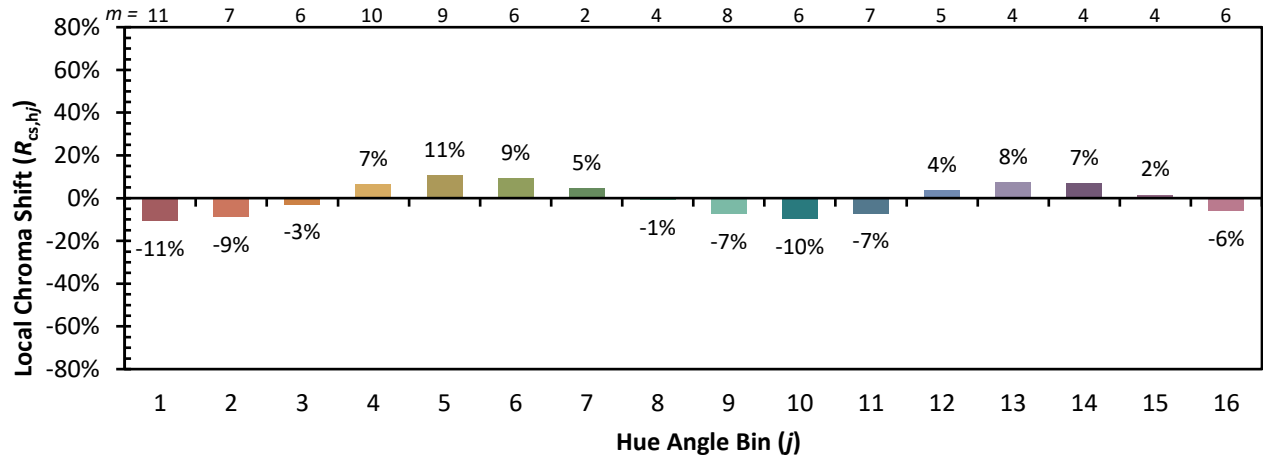


Individual Sample Fidelity Index ($R_{f,i}$)

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)