

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: P1047318

Luminaire Tested: **GALN-SA5B-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047318
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20981.5 lumens
Efficiency: N/A
Efficacy: 117.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

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

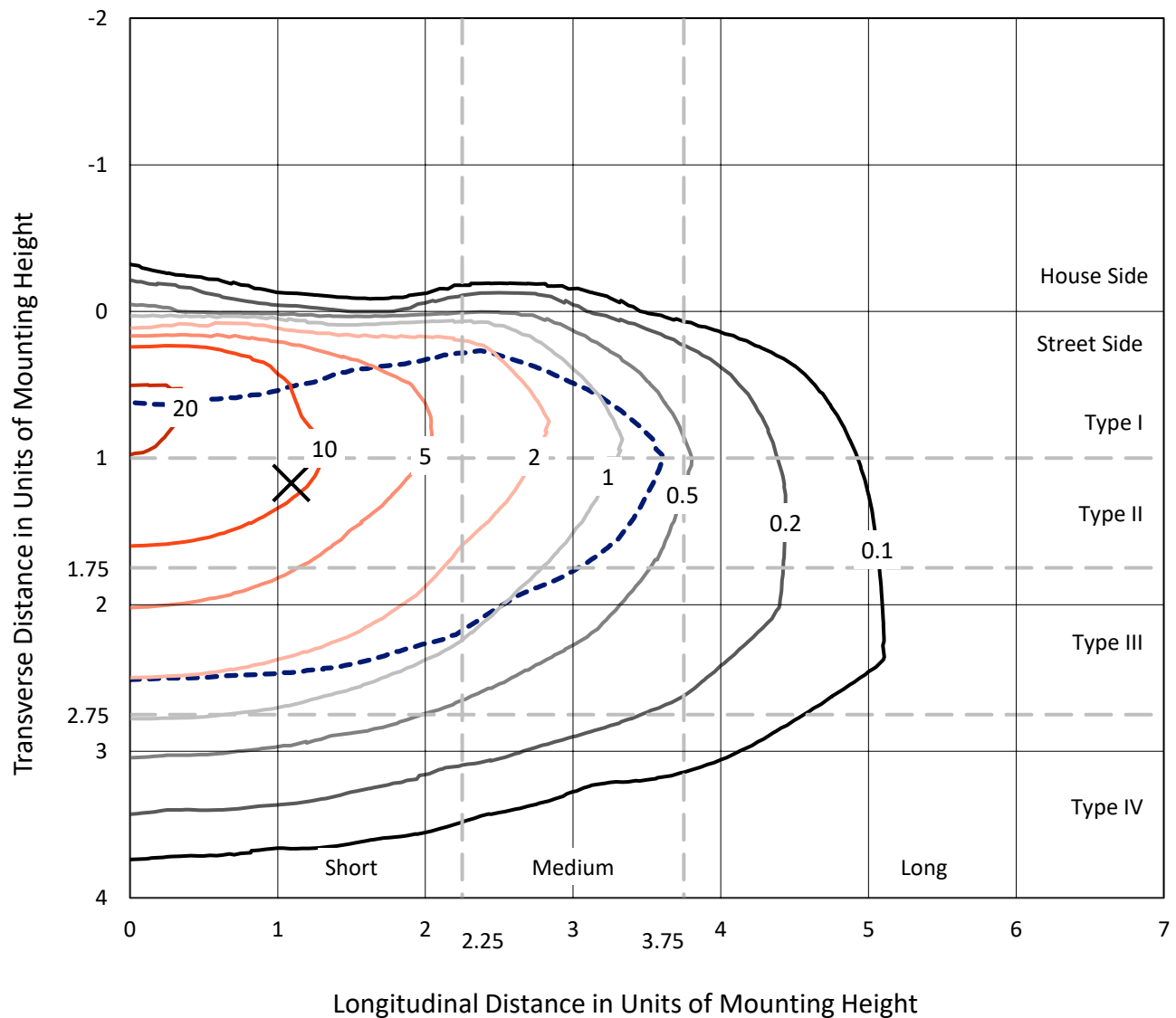


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CATALOG NUMBER: GALN-SA5B-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

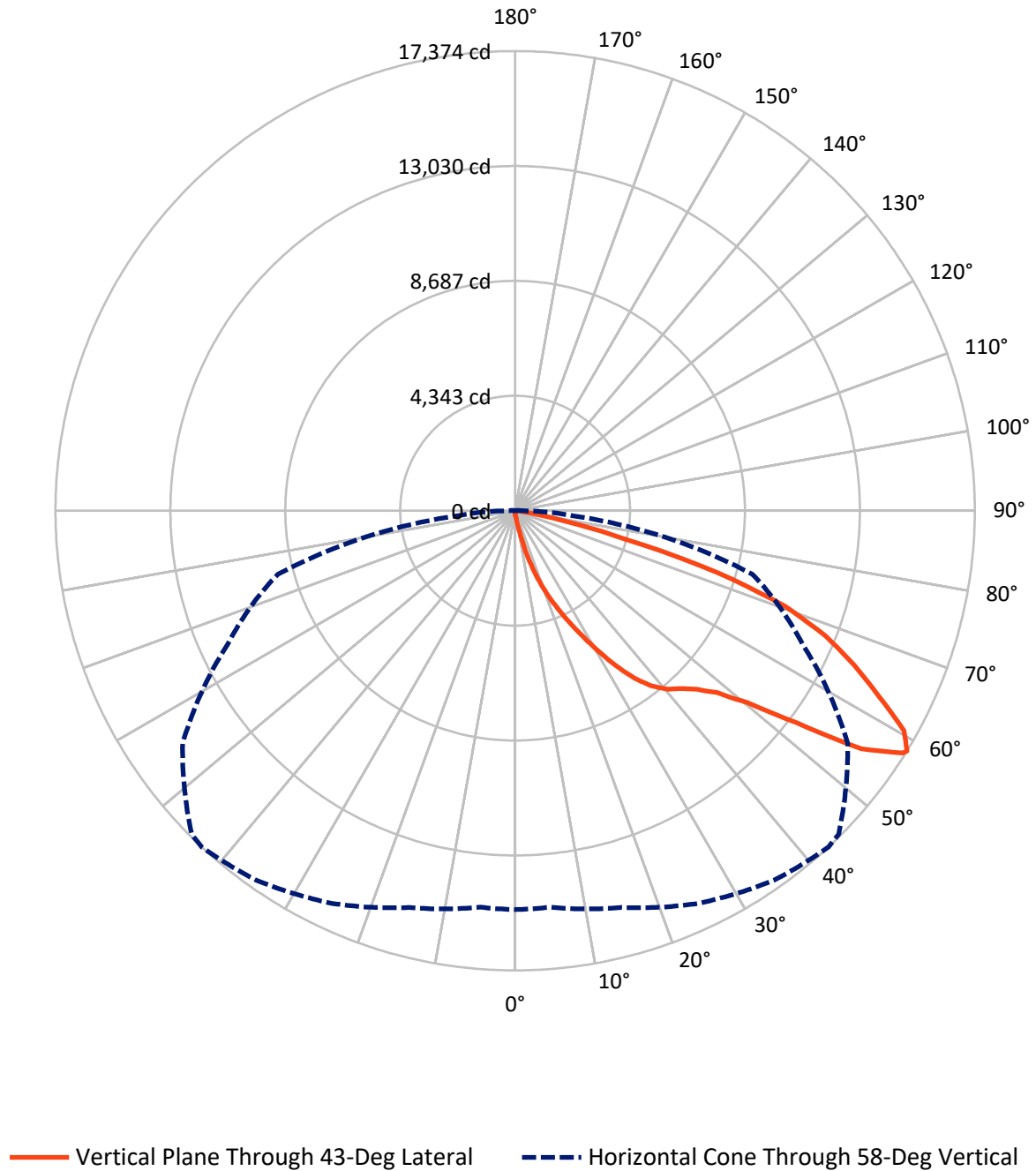


Based on 15 foot mounting height. Maximum calculated value = 23.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



REPORT NUMBER: P1047318

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	76.6	0.0	76.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20904.9	0.0	20904.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	20981.5	0.0	20981.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.1	0.1
10°-20°	241.2	1.1
20°-30°	869.3	4.1
30°-40°	1988.9	9.5
40°-50°	3354.5	16.0
50°-60°	5535.8	26.4
60°-70°	6187.0	29.5
70°-80°	2554.5	12.2
80°-90°	230.3	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°	20981.5	100.0
0°-180°	20981.5	100.0



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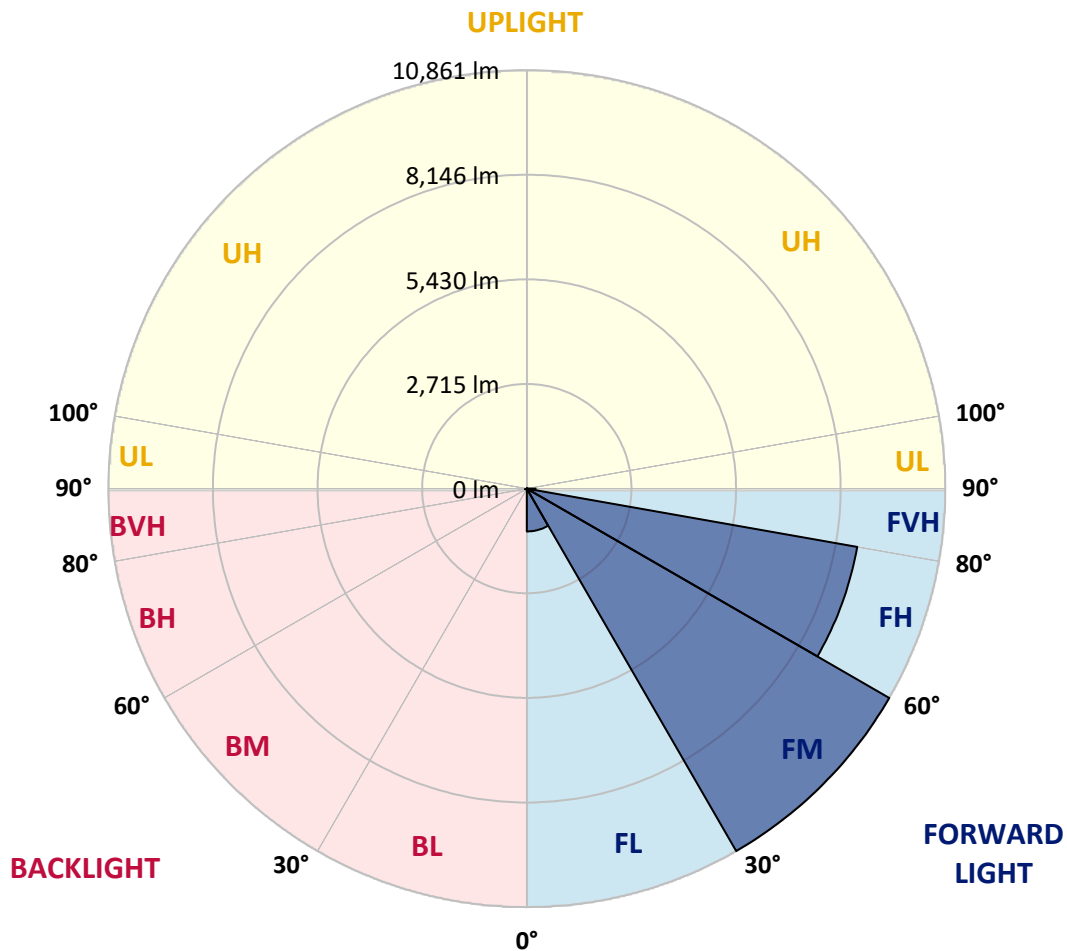
CATALOG NUMBER: GALN-SA5B-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1110.6	5.3			
FM	(30°-60°)	10860.8	51.8			
FH	(60°-80°)	8706.4	41.5			G4/12000
FVH	(80°-90°)	227.1	1.1			G3/500
BL	(0°-30°)	20.0	0.1	B0/110		
BM	(30°-60°)	18.4	0.1	B0/220		
BH	(60°-80°)	35.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2
2.5°	164.6	170.1	164.6	164.6	164.6	159.1	159.1	153.7	153.7	148.2	142.7
5°	241.5	241.5	225.0	214.0	203.0	197.6	192.1	181.1	170.1	159.1	148.2
7.5°	537.8	537.8	488.4	422.5	334.7	285.4	274.4	225.0	192.1	170.1	148.2
10°	1284.1	1284.1	1174.3	993.2	768.3	570.7	510.3	323.8	230.5	181.1	153.7
12.5°	2134.7	2162.1	2024.9	1794.4	1459.7	1114.0	993.2	592.7	307.3	197.6	153.7
15°	2897.4	2831.6	2793.2	2573.7	2255.4	1843.8	1690.2	998.7	444.5	225.0	153.7
17.5°	3413.2	3413.2	3358.4	3210.2	2919.4	2557.2	2431.0	1613.3	718.9	257.9	159.1
20°	4016.9	4016.9	3918.1	3813.8	3555.9	3248.6	3127.9	2293.8	1114.0	329.3	159.1
22.5°	4746.7	4757.7	4647.9	4461.4	4214.4	3874.2	3769.9	2924.9	1613.3	439.0	164.6
25°	5635.7	5646.7	5487.5	5311.9	4933.3	4565.6	4406.5	3649.2	2222.5	614.6	164.6
27.5°	6618.0	6694.8	6458.8	6157.0	5756.4	5295.5	5174.7	4302.2	2826.1	867.0	175.6
30°	7841.7	7841.7	7528.9	7106.4	6672.8	6102.1	5948.5	4988.2	3468.1	1201.8	186.6
32.5°	8895.3	8813.0	8412.4	7967.9	7506.9	6974.7	6810.0	5707.0	4126.6	1618.8	208.5
35°	9702.0	9630.6	9136.7	8659.3	8258.7	7770.3	7572.8	6486.3	4823.5	2090.8	241.5
37.5°	10393.4	10366.0	9696.5	9098.3	8834.9	8406.9	8231.3	7221.6	5509.5	2601.1	279.9
40°	11150.7	11062.9	10349.5	9608.7	9213.6	8867.9	8708.7	7814.2	6168.0	3199.2	334.7
42.5°	11798.2	11693.9	11051.9	10327.5	9652.6	9186.1	9032.5	8313.6	6810.0	3797.4	406.1
45°	12517.1	12462.2	11814.7	11265.9	10366.0	9619.6	9416.6	8714.2	7397.2	4510.8	499.4
47.5°	13598.1	13499.3	12895.7	12445.7	11403.1	10278.2	9987.3	9125.8	7962.4	5213.2	642.0
50°	14854.8	14788.9	14432.2	14075.5	13038.4	11403.1	11057.4	9718.4	8593.5	6047.3	828.6
52.5°	15880.9	15869.9	15913.8	15919.3	15134.6	13296.3	12780.5	10673.3	9317.8	6870.4	1092.0
55°	15859.0	15908.4	16391.3	16945.5	17005.9	15880.9	15381.6	12281.1	10261.7	7885.6	1459.7
57.5°	15266.3	15227.9	15738.2	16572.4	17159.5	17280.2	17197.9	14777.9	11683.0	9109.3	2024.9
58°	15074.3	15041.3	15524.2	16374.8	17049.8	17373.5	17291.2	15343.1	12001.2	9284.9	2178.6
60°	14377.3	14382.8	14668.2	15441.9	16116.9	16885.1	16962.0	16956.5	13587.1	10459.2	2952.3
62.5°	13455.4	13411.5	13674.9	14306.0	14898.7	15414.5	15546.2	17066.2	15908.4	11951.8	4428.4
65°	12182.3	12116.5	12396.3	13109.7	13746.3	14081.0	14086.5	15595.6	17000.4	13554.2	6535.7
67.5°	9817.2	9762.3	10322.1	11238.5	12220.7	12659.7	12857.3	13532.3	16078.5	14640.7	7742.9
70°	6014.3	6129.6	6908.8	8346.5	10025.7	10832.4	11128.7	11337.2	13691.4	14476.1	6475.3
72.5°	2776.7	2639.5	3303.5	4307.7	6222.9	8017.3	8324.6	9142.2	10854.3	12566.5	4829.0
75°	1295.1	1245.7	1399.3	1882.2	2820.6	4329.7	4889.4	7298.4	8324.6	8741.6	3484.6
77.5°	664.0	669.5	795.7	856.1	1163.4	2003.0	2299.3	4801.6	6102.1	4878.4	2337.7
80°	290.8	301.8	307.3	334.7	471.9	773.7	872.5	2227.9	4170.5	2485.9	1278.6
82.5°	186.6	192.1	192.1	192.1	225.0	307.3	351.2	894.5	2079.8	1234.7	395.1
85°	98.8	98.8	109.8	137.2	159.1	186.6	197.6	285.4	685.9	367.7	93.3
87.5°	54.9	60.4	65.9	82.3	104.3	126.2	137.2	197.6	263.4	252.4	22.0
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-SA5B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2
2.5°	142.7	137.2	131.7	126.2	120.7	115.2	115.2	115.2	115.2	115.2	115.2
5°	137.2	131.7	126.2	115.2	104.3	98.8	93.3	87.8	87.8	87.8	87.8
7.5°	137.2	131.7	115.2	104.3	93.3	82.3	71.3	71.3	71.3	71.3	71.3
10°	137.2	126.2	109.8	93.3	76.8	65.9	60.4	54.9	54.9	54.9	54.9
12.5°	137.2	120.7	104.3	82.3	65.9	54.9	49.4	43.9	43.9	43.9	43.9
15°	137.2	120.7	98.8	76.8	60.4	43.9	38.4	32.9	32.9	32.9	32.9
17.5°	131.7	115.2	93.3	65.9	49.4	32.9	27.4	22.0	22.0	27.4	27.4
20°	126.2	109.8	82.3	54.9	38.4	27.4	16.5	16.5	16.5	16.5	16.5
22.5°	126.2	109.8	76.8	49.4	32.9	16.5	11.0	11.0	11.0	11.0	16.5
25°	126.2	104.3	65.9	38.4	22.0	11.0	5.5	5.5	5.5	5.5	5.5
27.5°	126.2	104.3	60.4	32.9	16.5	11.0	5.5	0.0	0.0	0.0	0.0
30°	120.7	98.8	54.9	27.4	11.0	5.5	0.0	0.0	0.0	0.0	0.0
32.5°	120.7	93.3	43.9	22.0	11.0	5.5	0.0	0.0	0.0	0.0	0.0
35°	126.2	87.8	38.4	16.5	5.5	0.0	0.0	0.0	0.0	0.0	5.5
37.5°	131.7	82.3	32.9	11.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	137.2	76.8	32.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.2	76.8	27.4	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	159.1	76.8	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	181.1	82.3	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	197.6	87.8	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	219.5	82.3	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	246.9	82.3	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	268.9	76.8	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	279.9	71.3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	334.7	65.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	521.3	54.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1059.1	49.4	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1975.5	43.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2211.5	49.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1393.8	38.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	735.3	38.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	367.7	38.4	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	170.1	27.4	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	71.3	16.5	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.9	16.5	11.0	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0
87.5°	16.5	16.5	16.5	11.0	11.0	5.5	5.5	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: SP1-2407-184-9

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

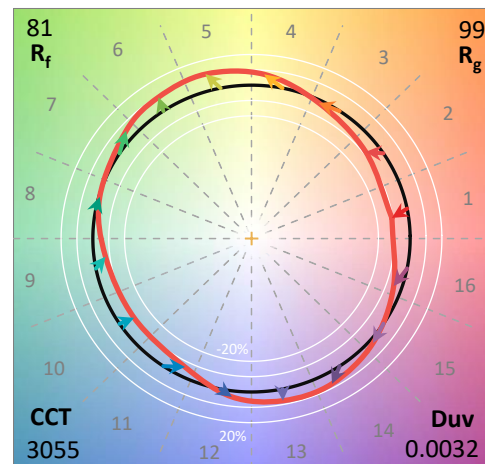
Test Information

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

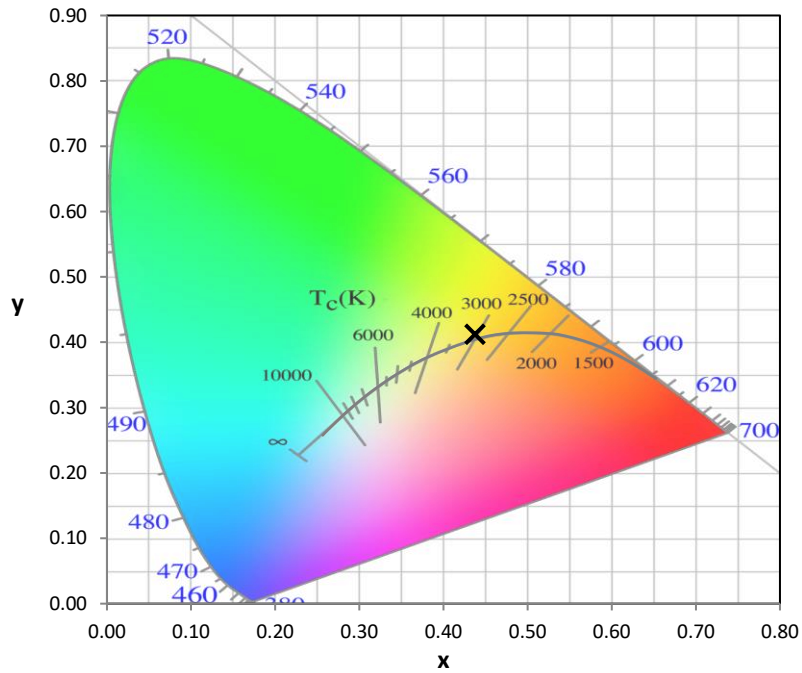
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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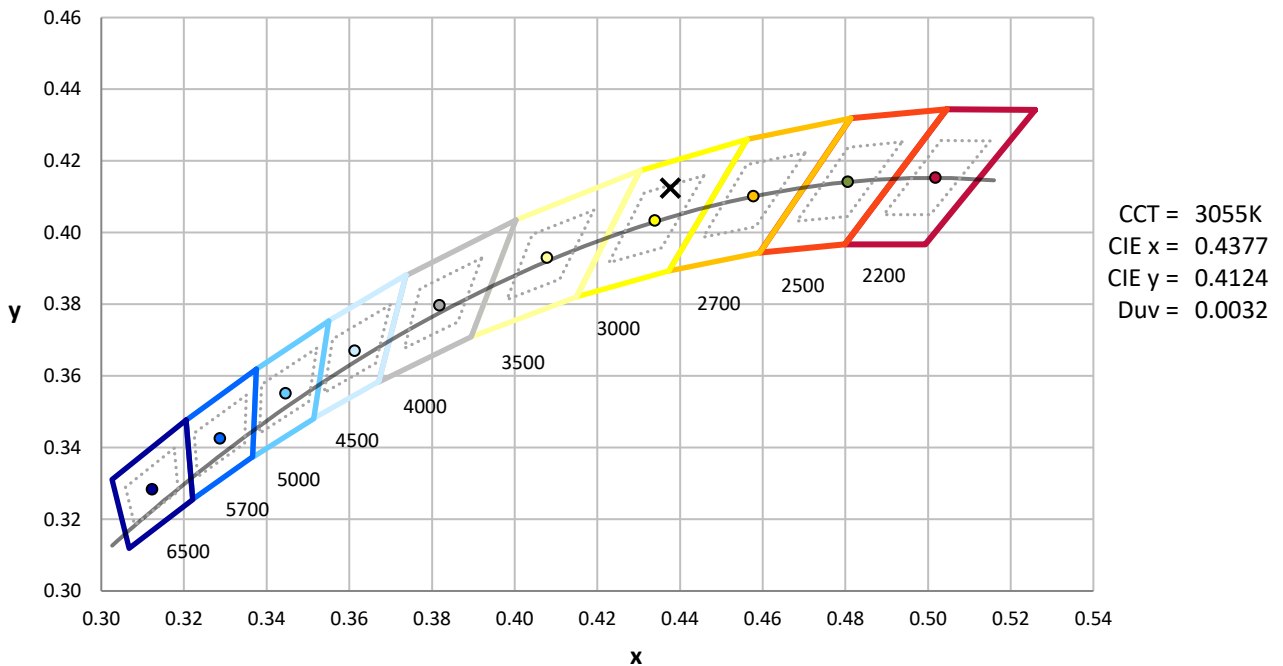
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

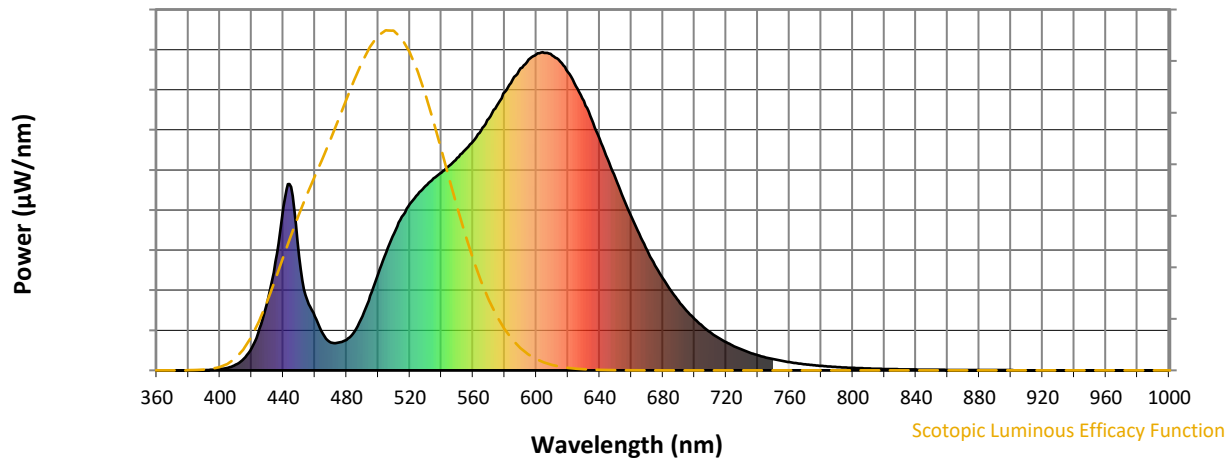


Photopic Lumens: NR

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



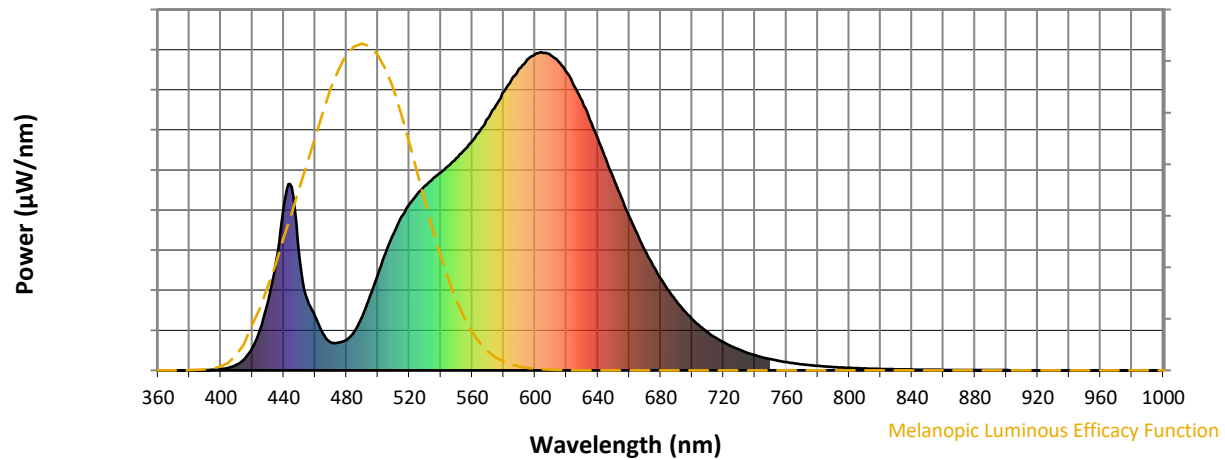
Scotopic Lumens: NR

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

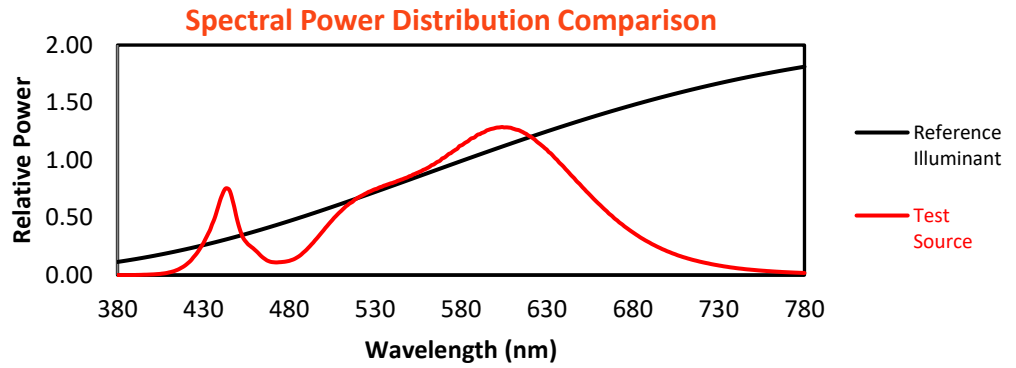
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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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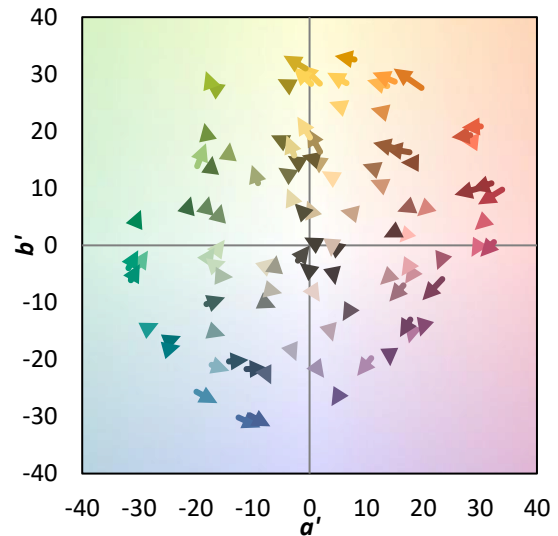
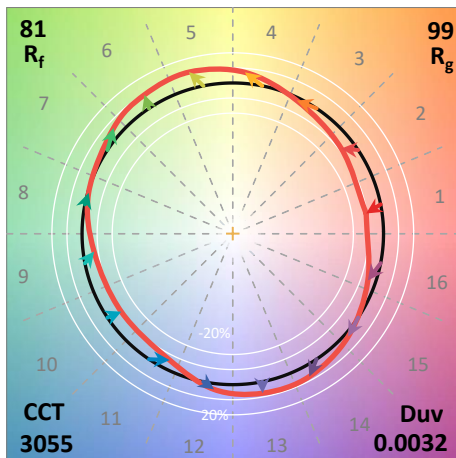
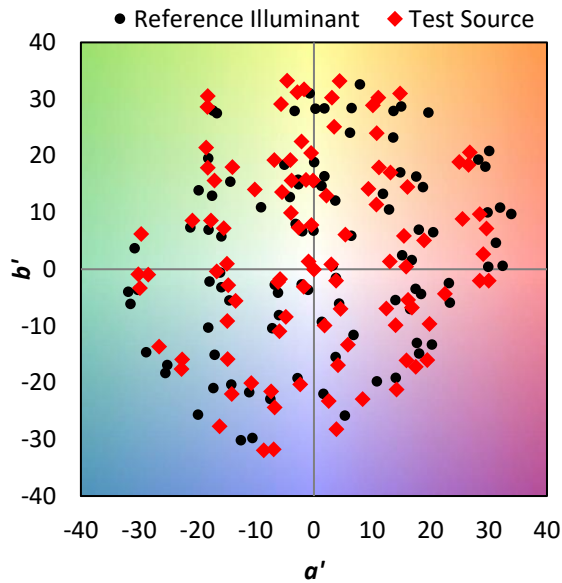
TM-30-18

Summary

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



Color Vector Graphics

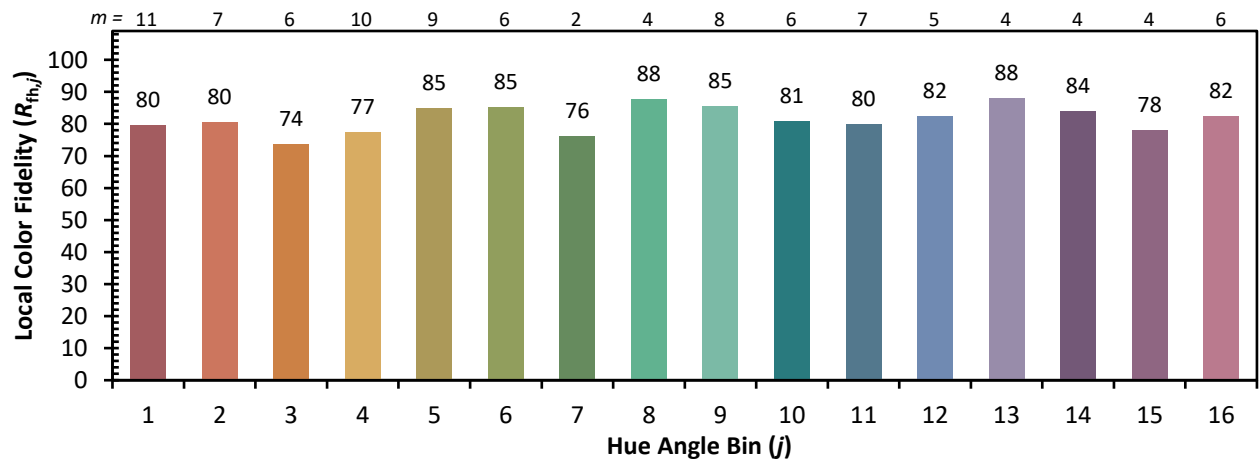
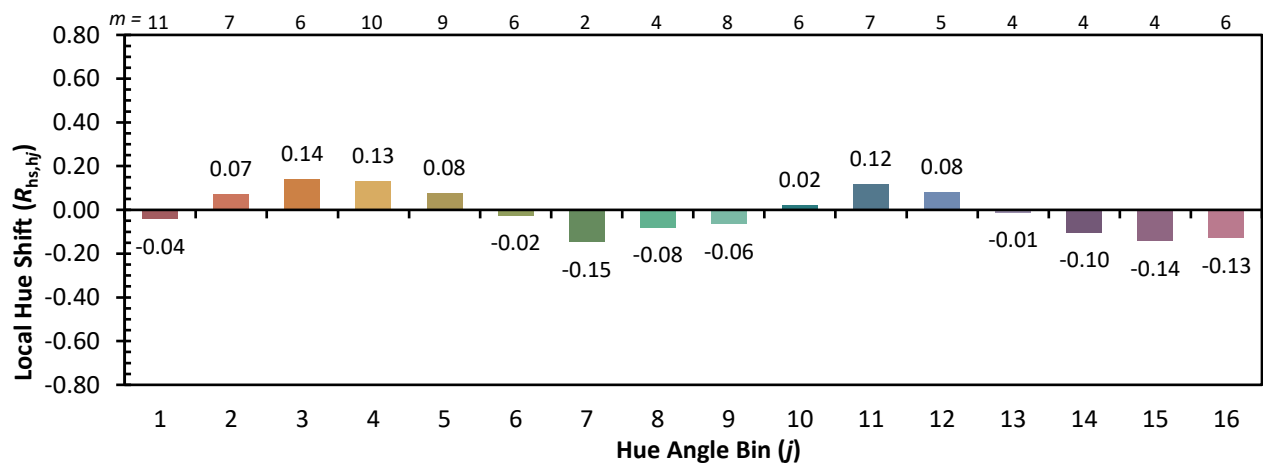
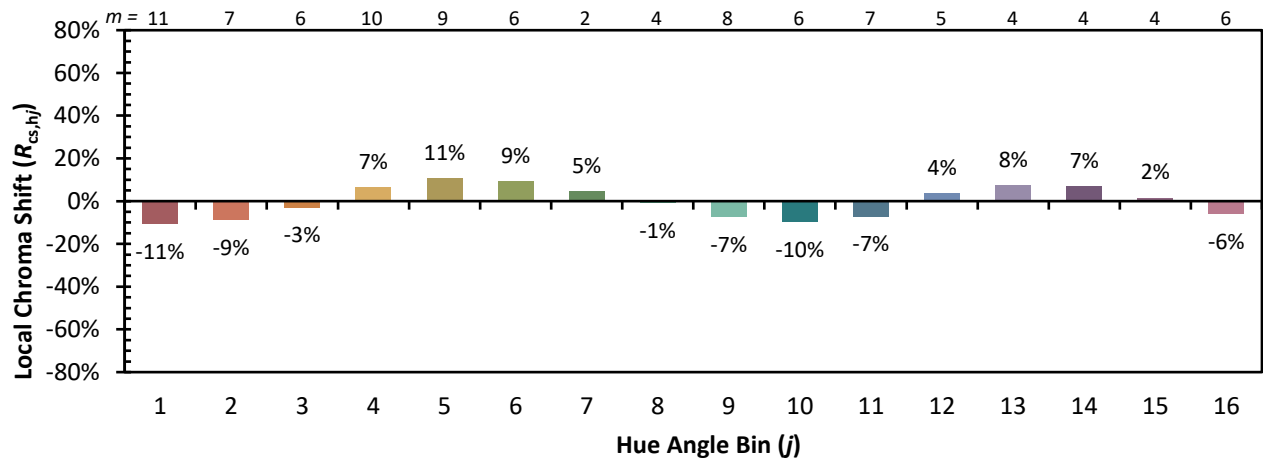


Individual Sample Fidelity Index ($R_{f,i}$)

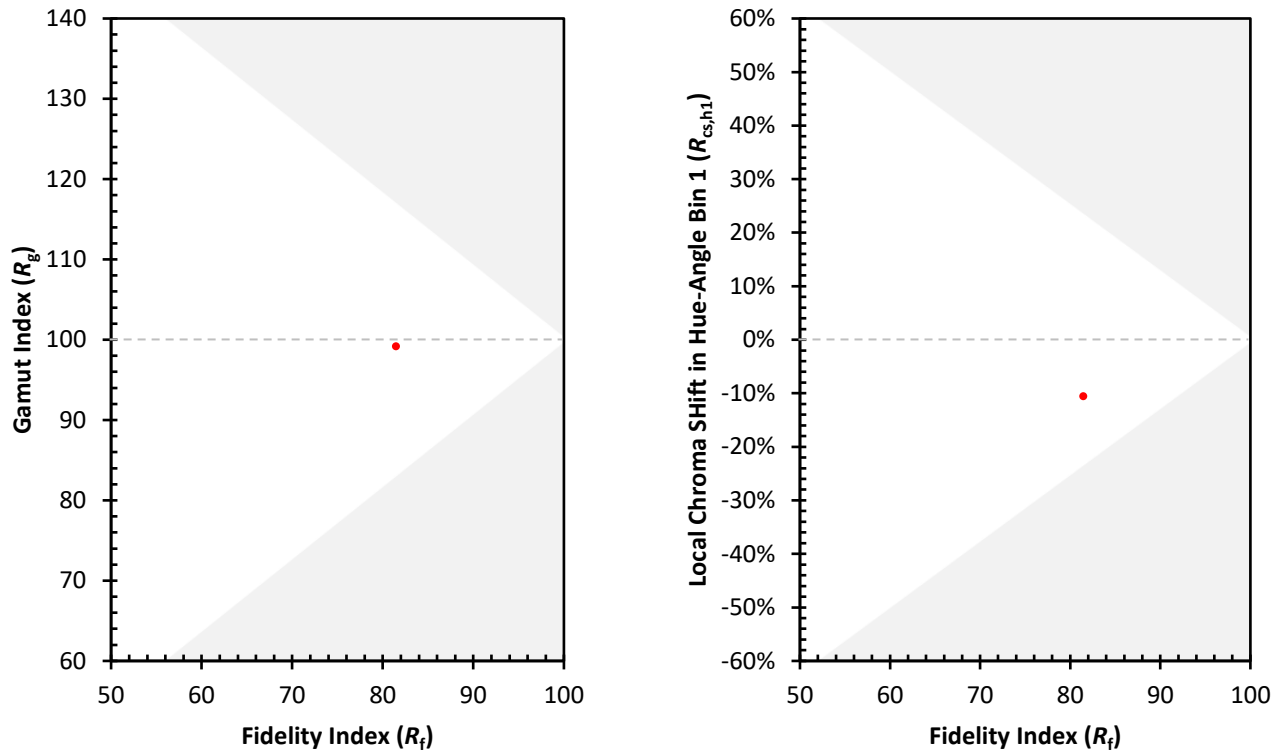
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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)