

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: P1047306

Luminaire Tested: **GALN-SA2B-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047306
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8627.6 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

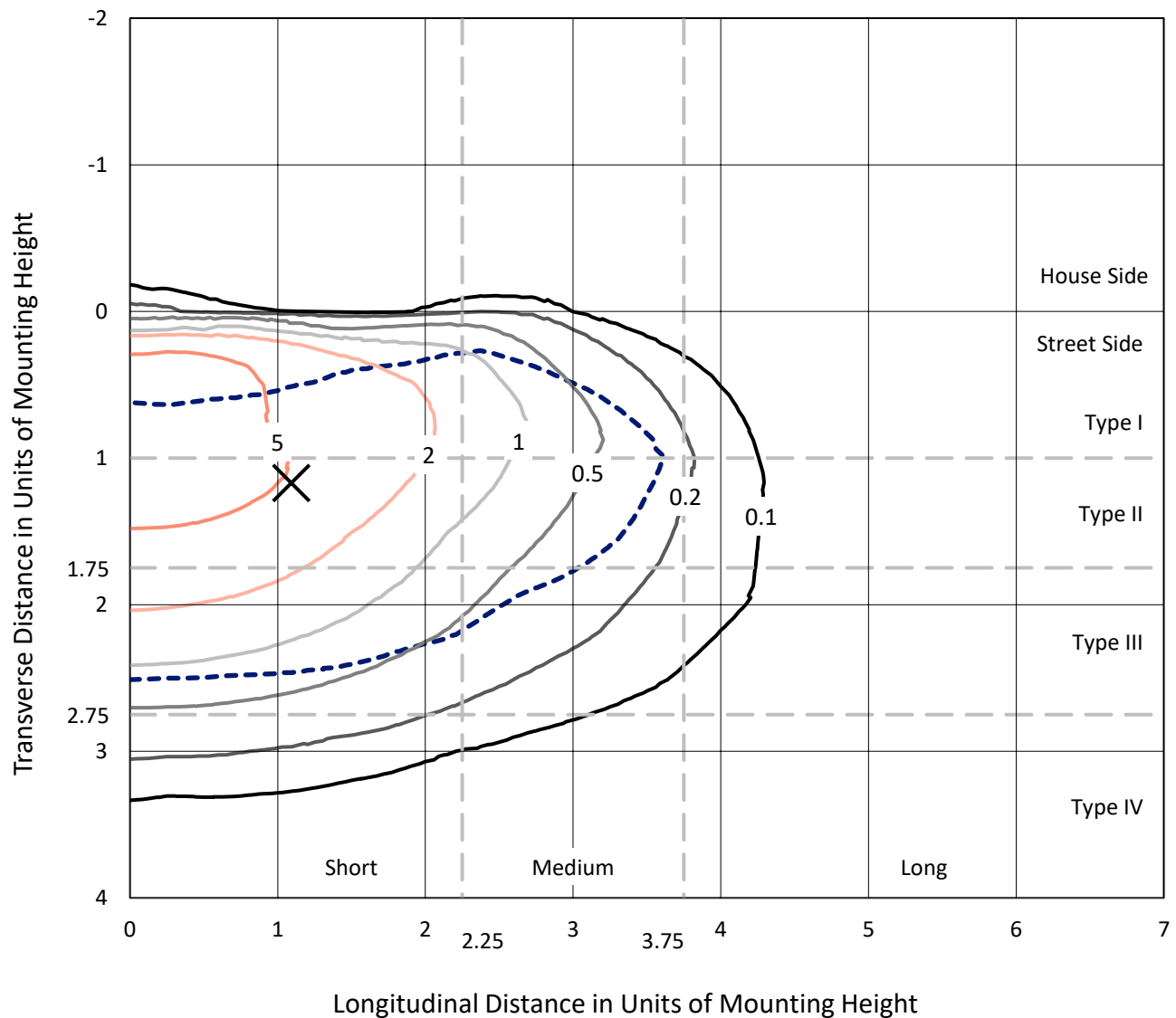


REPORT NUMBER: P1047306

CATALOG NUMBER: GALN-SA2B-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

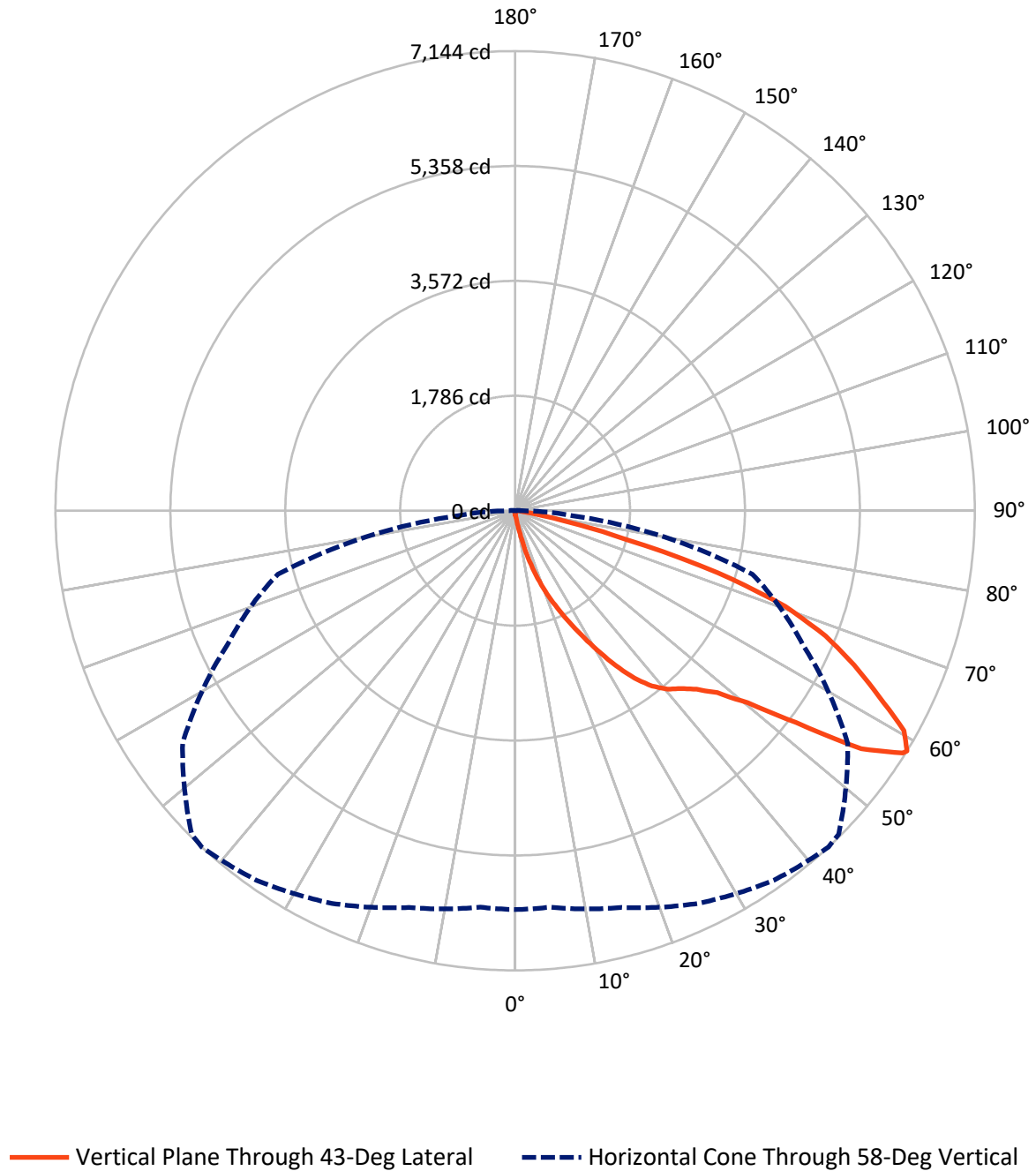


Based on 15 foot mounting height. Maximum calculated value = 9.7 fc
 Type III - Short - N/A

REPORT NUMBER: P1047306

CATALOG NUMBER: GALN-SA2B-830-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047306

CATALOG NUMBER: GALN-SA2B-830-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.5	0.0	31.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8596.1	0.0	8596.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	8627.6	0.0	8627.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	0.1
10°-20°	99.2	1.1
20°-30°	357.5	4.1
30°-40°	817.8	9.5
40°-50°	1379.4	16.0
50°-60°	2276.3	26.4
60°-70°	2544.1	29.5
70°-80°	1050.4	12.2
80°-90°	94.7	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°	8627.6	100.0
0°-180°	8627.6	100.0



REPORT NUMBER: P1047306

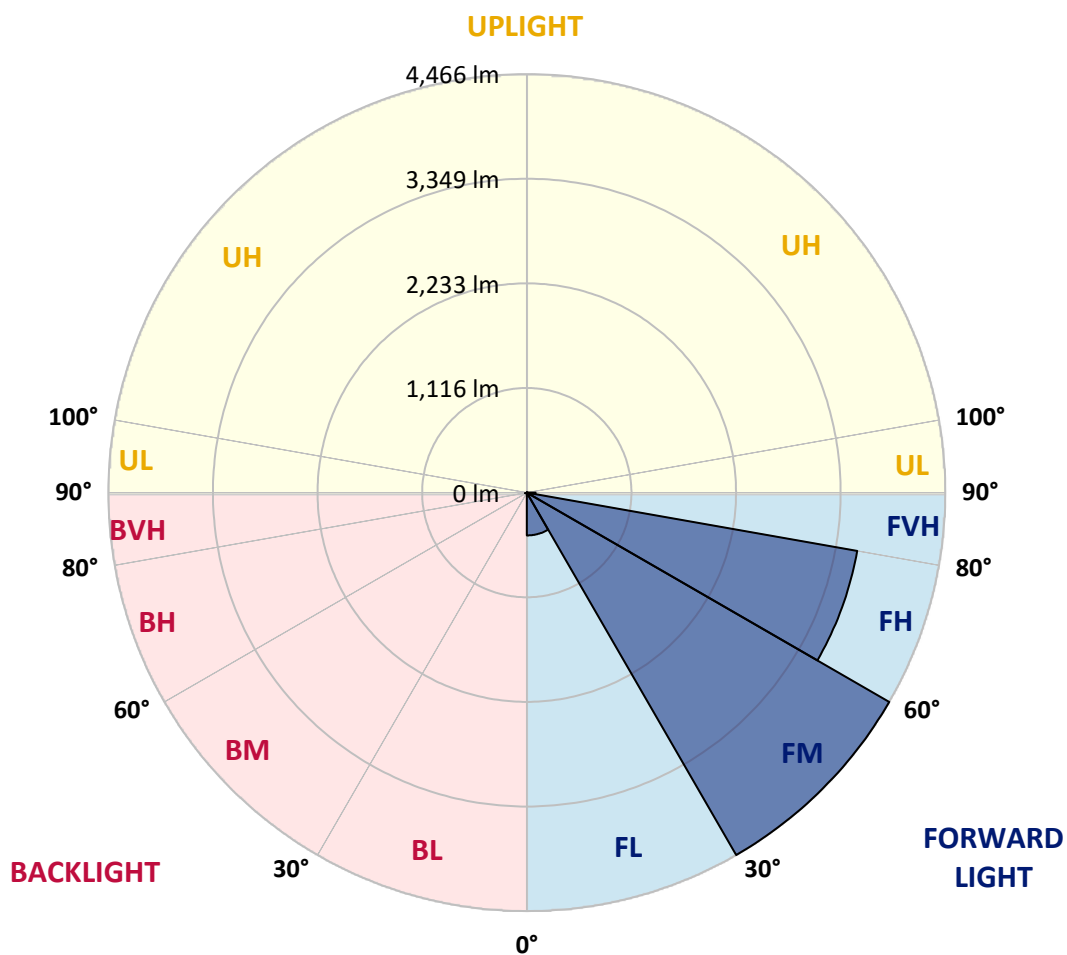
CATALOG NUMBER: GALN-SA2B-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	456.7	5.3			
FM	(30°-60°)	4466.0	51.8			
FH	(60°-80°)	3580.0	41.5			G2/5000
FVH	(80°-90°)	93.4	1.1			G1/100
BL	(0°-30°)	8.2	0.1	B0/110		
BM	(30°-60°)	7.6	0.1	B0/220		
BH	(60°-80°)	14.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G2

Type III Short





REPORT NUMBER: P1047306

CATALOG NUMBER: GALN-SA2B-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
2.5°	67.7	70.0	67.7	67.7	67.7	65.4	65.4	63.2	63.2	60.9	58.7
5°	99.3	99.3	92.5	88.0	83.5	81.2	79.0	74.5	70.0	65.4	60.9
7.5°	221.1	221.1	200.8	173.7	137.6	117.3	112.8	92.5	79.0	70.0	60.9
10°	528.0	528.0	482.9	408.4	315.9	234.7	209.9	133.1	94.8	74.5	63.2
12.5°	877.8	889.0	832.6	737.9	600.2	458.1	408.4	243.7	126.4	81.2	63.2
15°	1191.4	1164.3	1148.5	1058.3	927.4	758.2	695.0	410.7	182.8	92.5	63.2
17.5°	1403.5	1403.5	1381.0	1320.0	1200.4	1051.5	999.6	663.4	295.6	106.1	65.4
20°	1651.7	1651.7	1611.1	1568.2	1462.2	1335.8	1286.2	943.2	458.1	135.4	65.4
22.5°	1951.8	1956.4	1911.2	1834.5	1733.0	1593.1	1550.2	1202.7	663.4	180.5	67.7
25°	2317.4	2321.9	2256.5	2184.3	2028.6	1877.4	1811.9	1500.5	913.9	252.7	67.7
27.5°	2721.3	2752.9	2655.9	2531.7	2367.0	2177.5	2127.8	1769.1	1162.1	356.5	72.2
30°	3224.5	3224.5	3095.9	2922.1	2743.9	2509.2	2446.0	2051.1	1426.1	494.2	76.7
32.5°	3657.7	3623.9	3459.2	3276.4	3086.8	2868.0	2800.3	2346.7	1696.9	665.7	85.7
35°	3989.4	3960.1	3757.0	3560.7	3396.0	3195.1	3113.9	2667.1	1983.4	859.7	99.3
37.5°	4273.7	4262.5	3987.2	3741.2	3632.9	3456.9	3384.7	2969.5	2265.5	1069.6	115.1
40°	4585.1	4549.0	4255.7	3951.1	3788.6	3646.4	3581.0	3213.2	2536.3	1315.5	137.6
42.5°	4851.4	4808.5	4544.5	4246.7	3969.1	3777.3	3714.1	3418.5	2800.3	1561.5	167.0
45°	5147.0	5124.4	4858.2	4632.5	4262.5	3955.6	3872.1	3583.3	3041.7	1854.8	205.3
47.5°	5591.5	5550.9	5302.7	5117.7	4688.9	4226.4	4106.8	3752.5	3274.1	2143.6	264.0
50°	6108.2	6081.2	5934.5	5787.8	5361.4	4688.9	4546.8	3996.2	3533.6	2486.6	340.7
52.5°	6530.2	6525.7	6543.7	6546.0	6223.3	5467.4	5255.3	4388.8	3831.5	2825.1	449.0
55°	6521.2	6541.5	6740.1	6968.0	6992.8	6530.2	6324.9	5050.0	4219.6	3242.5	600.2
57.5°	6277.5	6261.7	6471.5	6814.5	7056.0	7105.6	7071.8	6076.7	4804.0	3745.7	832.6
58°	6198.5	6185.0	6383.5	6733.3	7010.8	7144.0	7110.1	6309.1	4934.9	3817.9	895.8
60°	5911.9	5914.2	6031.5	6349.7	6627.2	6943.1	6974.7	6972.5	5587.0	4300.8	1214.0
62.5°	5532.8	5514.8	5623.1	5882.6	6126.3	6338.4	6392.6	7017.6	6541.5	4914.6	1821.0
65°	5009.3	4982.3	5097.3	5390.7	5652.4	5790.1	5792.3	6412.9	6990.5	5573.5	2687.4
67.5°	4036.8	4014.2	4244.4	4621.2	5025.1	5205.7	5286.9	5564.4	6611.4	6020.2	3183.9
70°	2473.1	2520.5	2840.9	3432.1	4122.6	4454.3	4576.1	4661.8	5629.9	5952.5	2662.6
72.5°	1141.8	1085.4	1358.4	1771.3	2558.8	3296.7	3423.1	3759.3	4463.3	5167.3	1985.7
75°	532.5	512.2	575.4	774.0	1159.8	1780.3	2010.5	3001.1	3423.1	3594.5	1432.9
77.5°	273.0	275.3	327.2	352.0	478.4	823.6	945.5	1974.4	2509.2	2006.0	961.3
80°	119.6	124.1	126.4	137.6	194.1	318.2	358.8	916.1	1714.9	1022.2	525.8
82.5°	76.7	79.0	79.0	79.0	92.5	126.4	144.4	367.8	855.2	507.7	162.5
85°	40.6	40.6	45.1	56.4	65.4	76.7	81.2	117.3	282.1	151.2	38.4
87.5°	22.6	24.8	27.1	33.8	42.9	51.9	56.4	81.2	108.3	103.8	9.0
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: P1047306

CATALOG NUMBER: GALN-SA2B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
2.5°	58.7	56.4	54.2	51.9	49.6	47.4	47.4	47.4	47.4	47.4	47.4
5°	56.4	54.2	51.9	47.4	42.9	40.6	38.4	36.1	36.1	36.1	36.1
7.5°	56.4	54.2	47.4	42.9	38.4	33.8	29.3	29.3	29.3	29.3	29.3
10°	56.4	51.9	45.1	38.4	31.6	27.1	24.8	22.6	22.6	22.6	22.6
12.5°	56.4	49.6	42.9	33.8	27.1	22.6	20.3	18.1	18.1	18.1	18.1
15°	56.4	49.6	40.6	31.6	24.8	18.1	15.8	13.5	13.5	13.5	13.5
17.5°	54.2	47.4	38.4	27.1	20.3	13.5	11.3	9.0	9.0	11.3	11.3
20°	51.9	45.1	33.8	22.6	15.8	11.3	6.8	6.8	6.8	6.8	6.8
22.5°	51.9	45.1	31.6	20.3	13.5	6.8	4.5	4.5	4.5	4.5	6.8
25°	51.9	42.9	27.1	15.8	9.0	4.5	2.3	2.3	2.3	2.3	2.3
27.5°	51.9	42.9	24.8	13.5	6.8	4.5	2.3	0.0	0.0	0.0	0.0
30°	49.6	40.6	22.6	11.3	4.5	2.3	0.0	0.0	0.0	0.0	0.0
32.5°	49.6	38.4	18.1	9.0	4.5	2.3	0.0	0.0	0.0	0.0	0.0
35°	51.9	36.1	15.8	6.8	2.3	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	54.2	33.8	13.5	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	56.4	31.6	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	60.9	31.6	11.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	65.4	31.6	9.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	74.5	33.8	9.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	81.2	36.1	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	90.3	33.8	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	101.5	33.8	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	110.6	31.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	115.1	29.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	137.6	27.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	214.4	22.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	435.5	20.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	812.3	18.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	909.4	20.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	573.1	15.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	302.4	15.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	151.2	15.8	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.0	11.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.3	6.8	4.5	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.5	6.8	4.5	4.5	2.3	2.3	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	6.8	6.8	4.5	4.5	2.3	2.3	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: SP1-2407-184-9

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

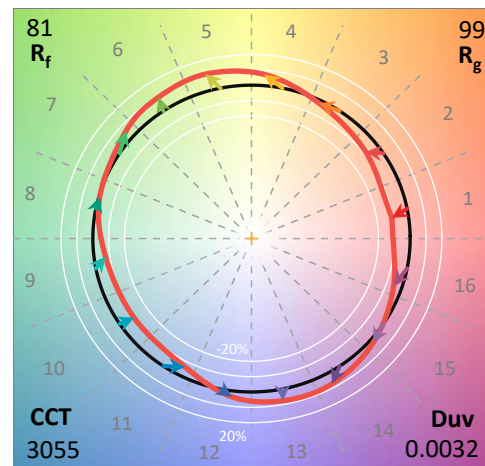
Test Information

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

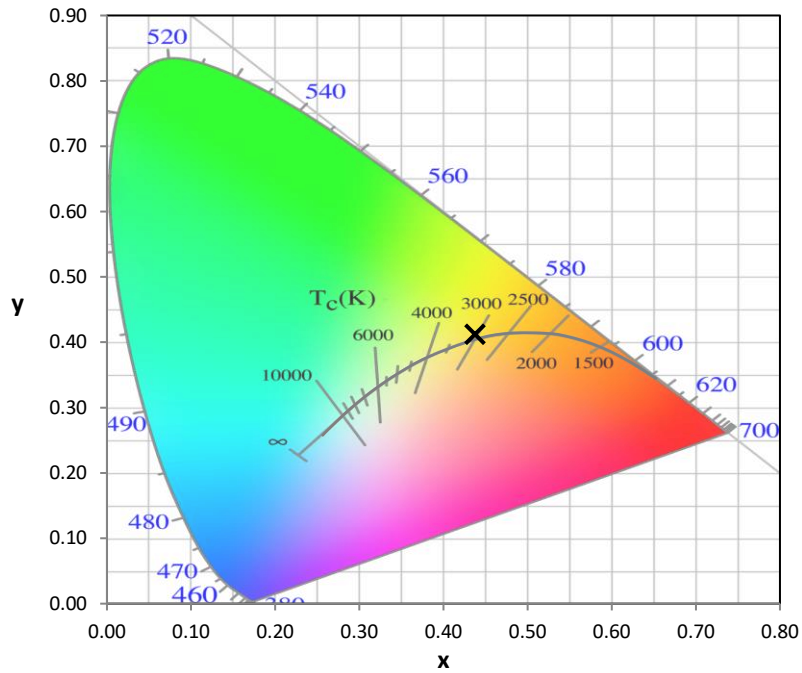
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

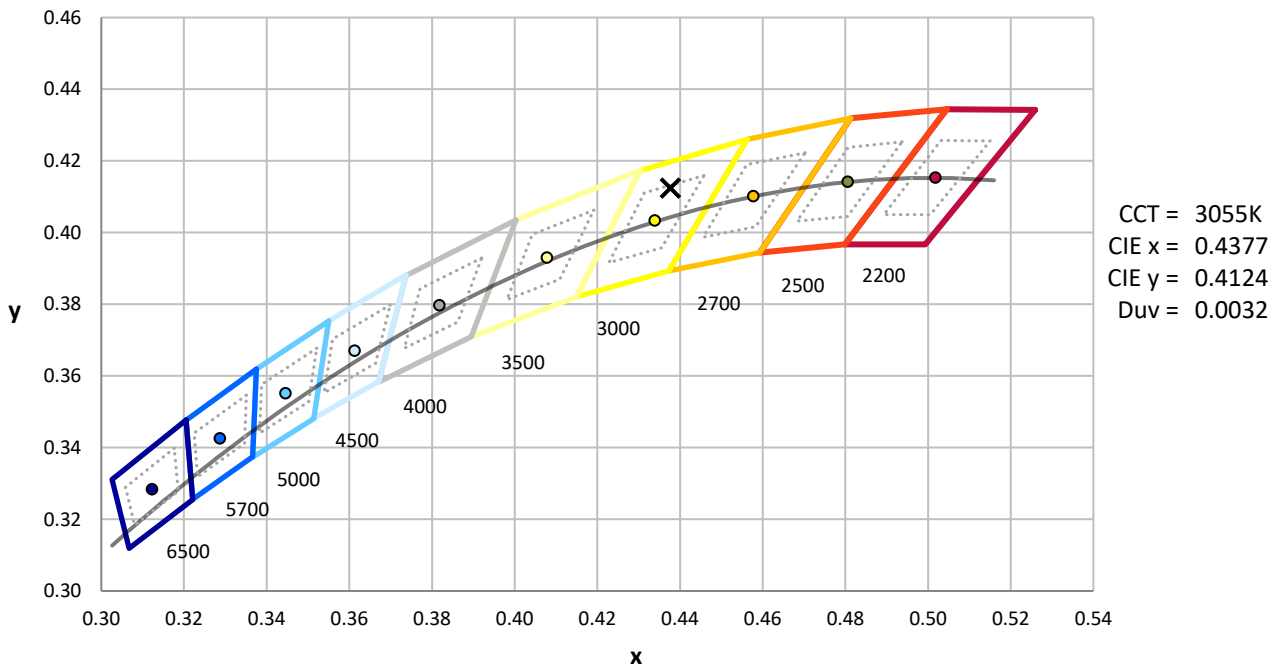
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



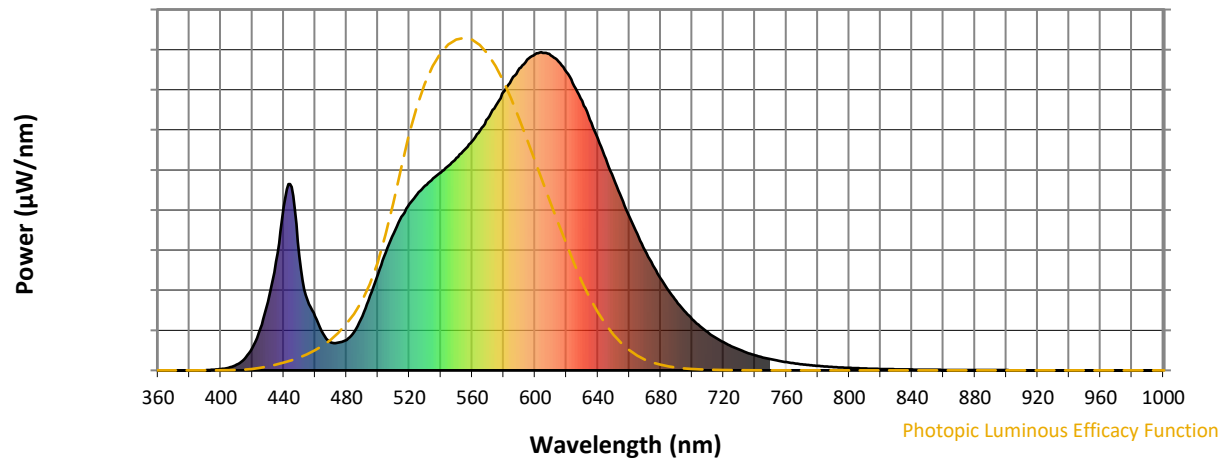
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

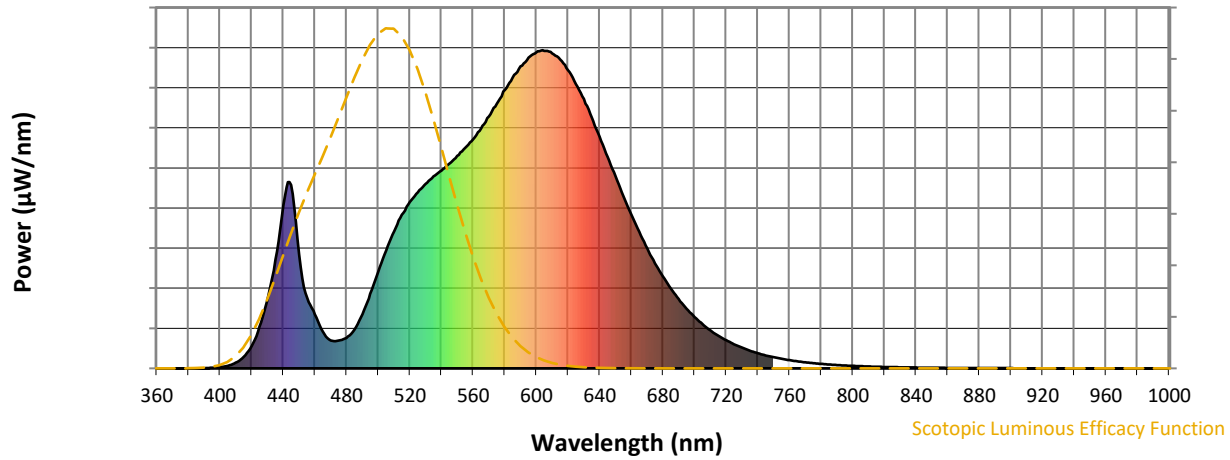


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



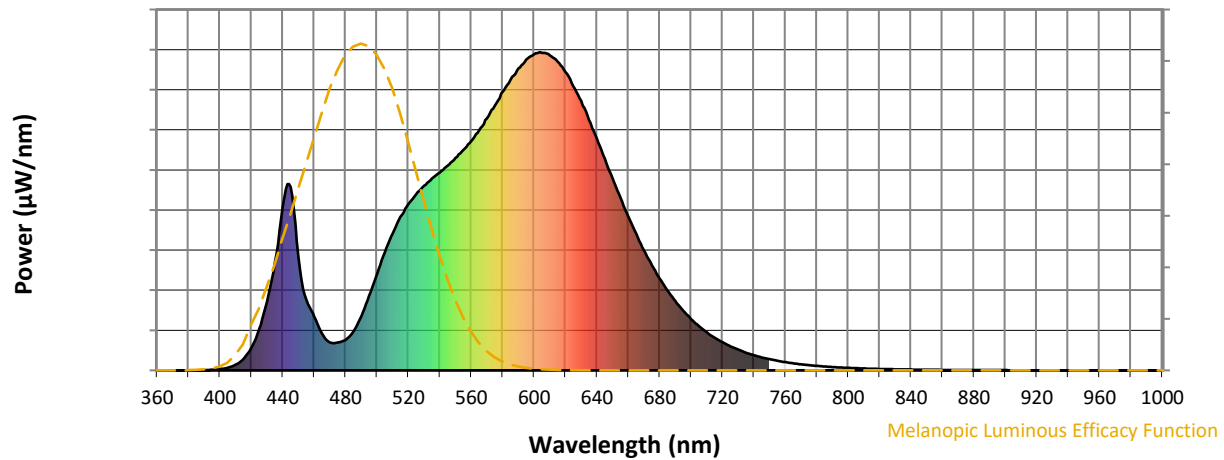
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

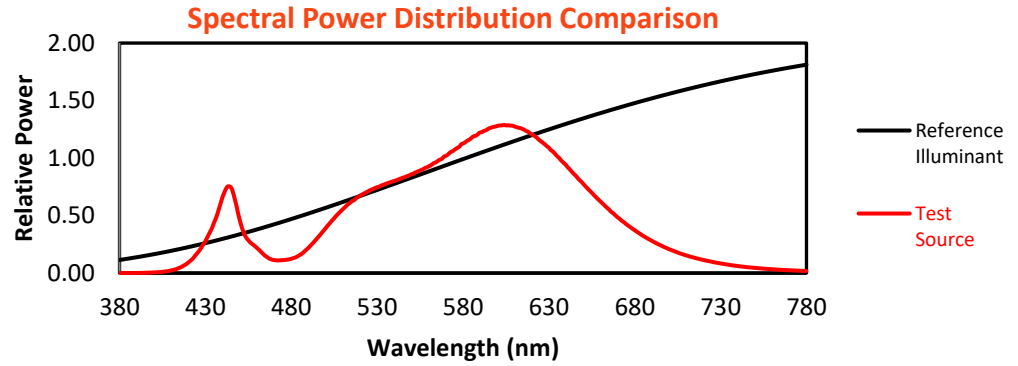
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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

REPORT NUMBER: SP1-2407-184-9

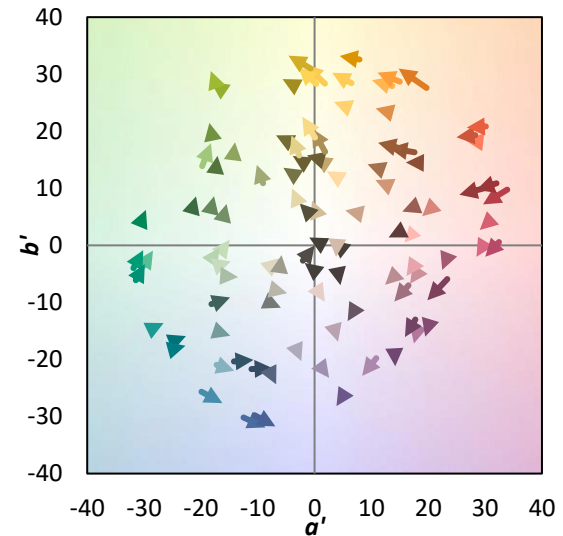
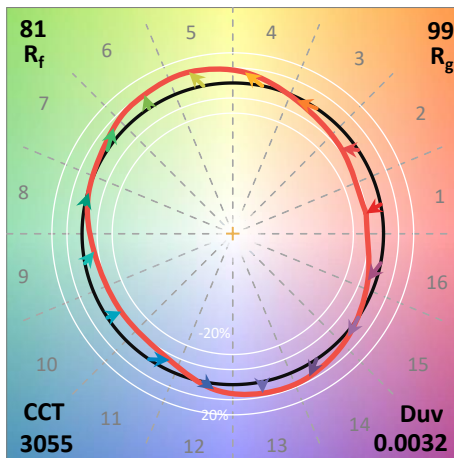
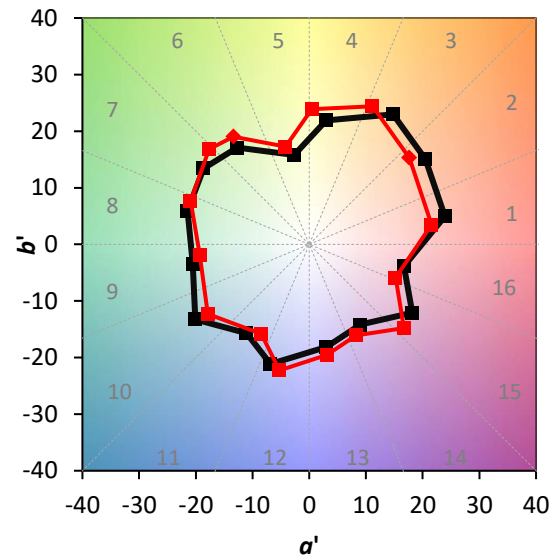
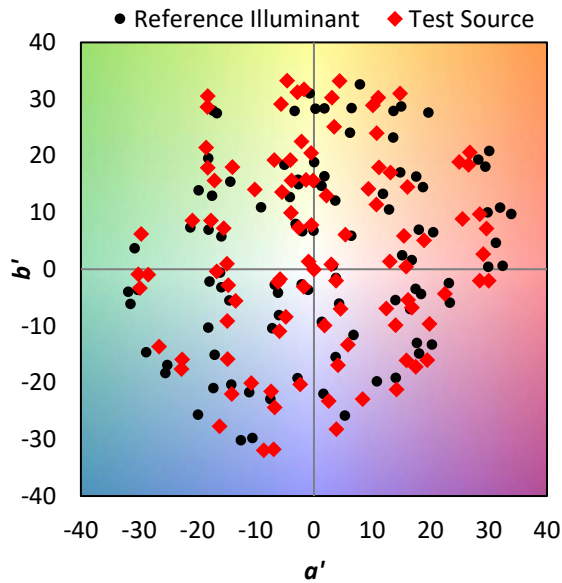
TM-30-18

Summary

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

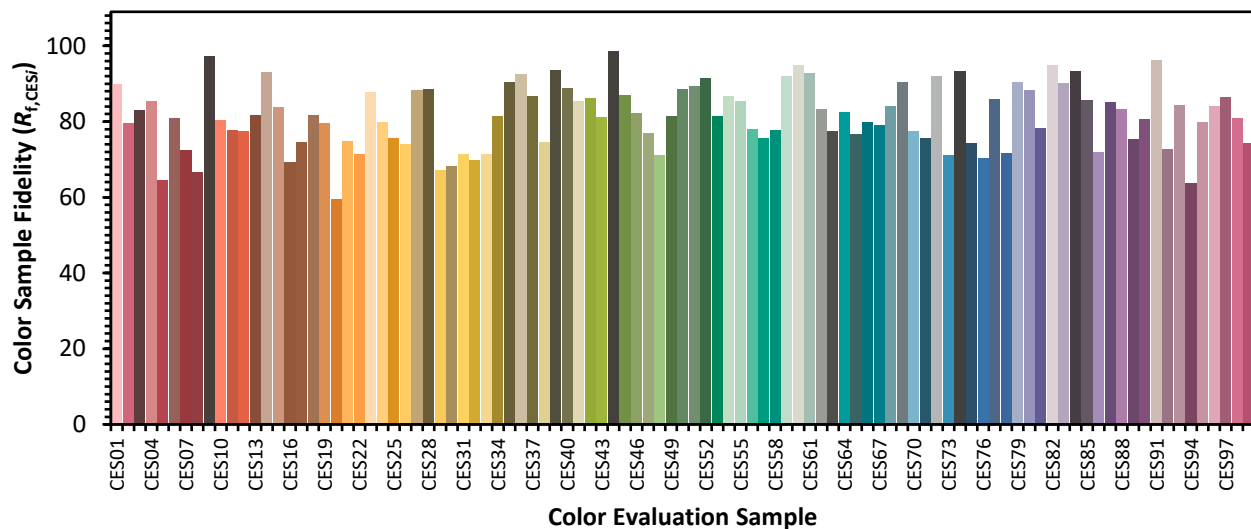


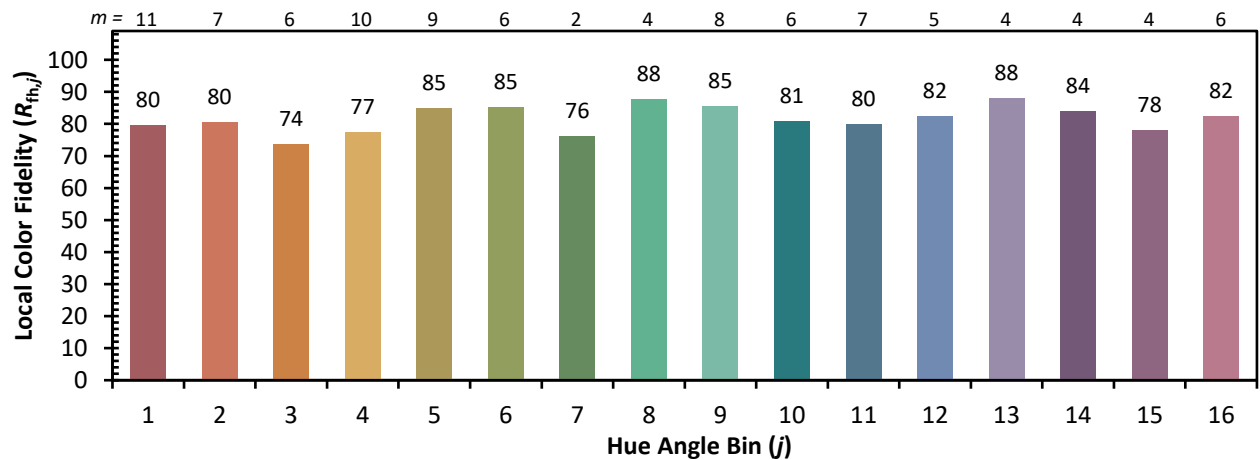
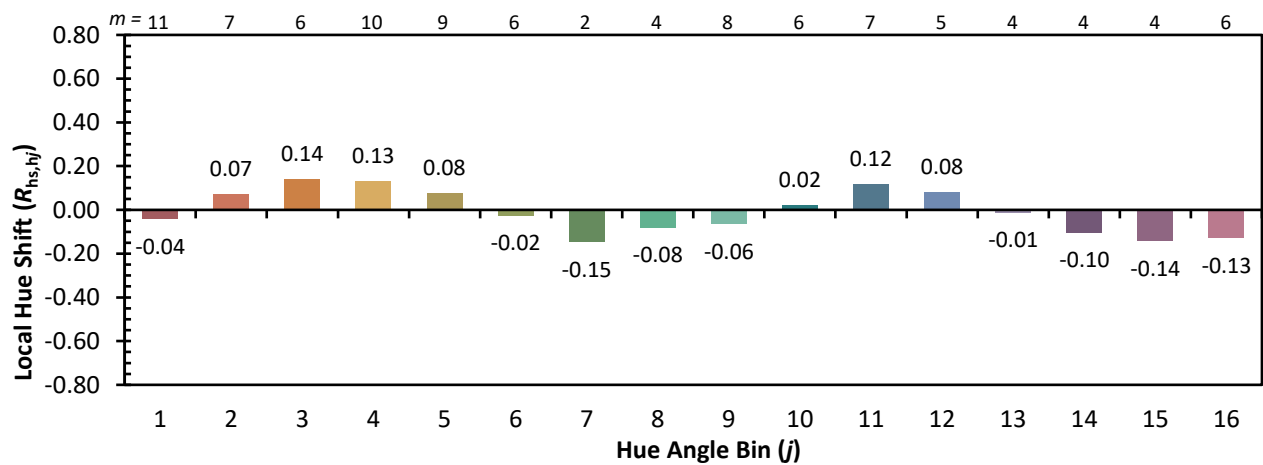
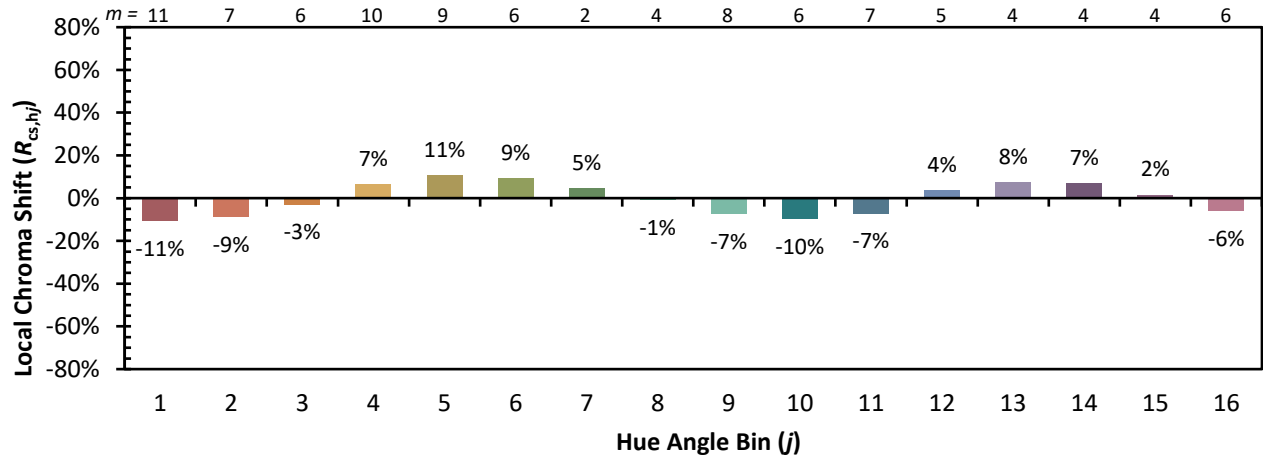
Color Vector Graphics

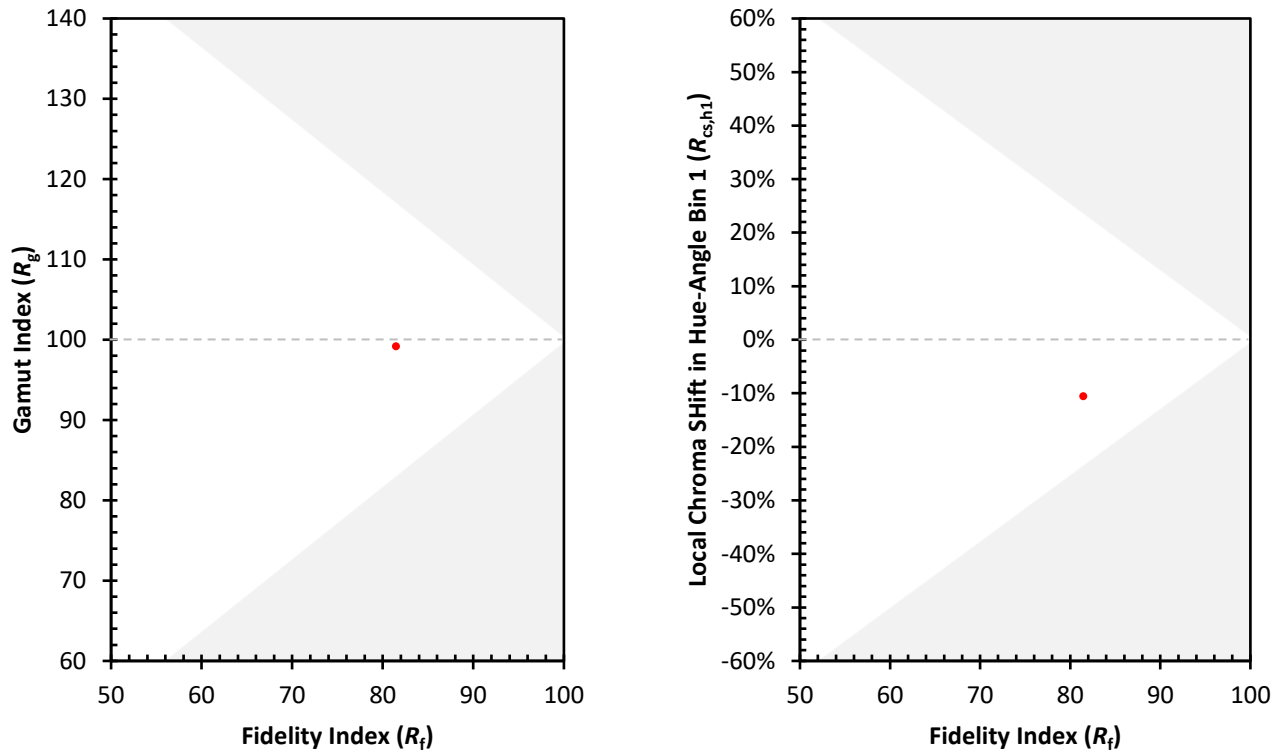


Individual Sample Fidelity Index ($R_{f,i}$)

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)