

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: P1047327

Luminaire Tested: **GALN-SA7C-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047327
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36422.9 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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

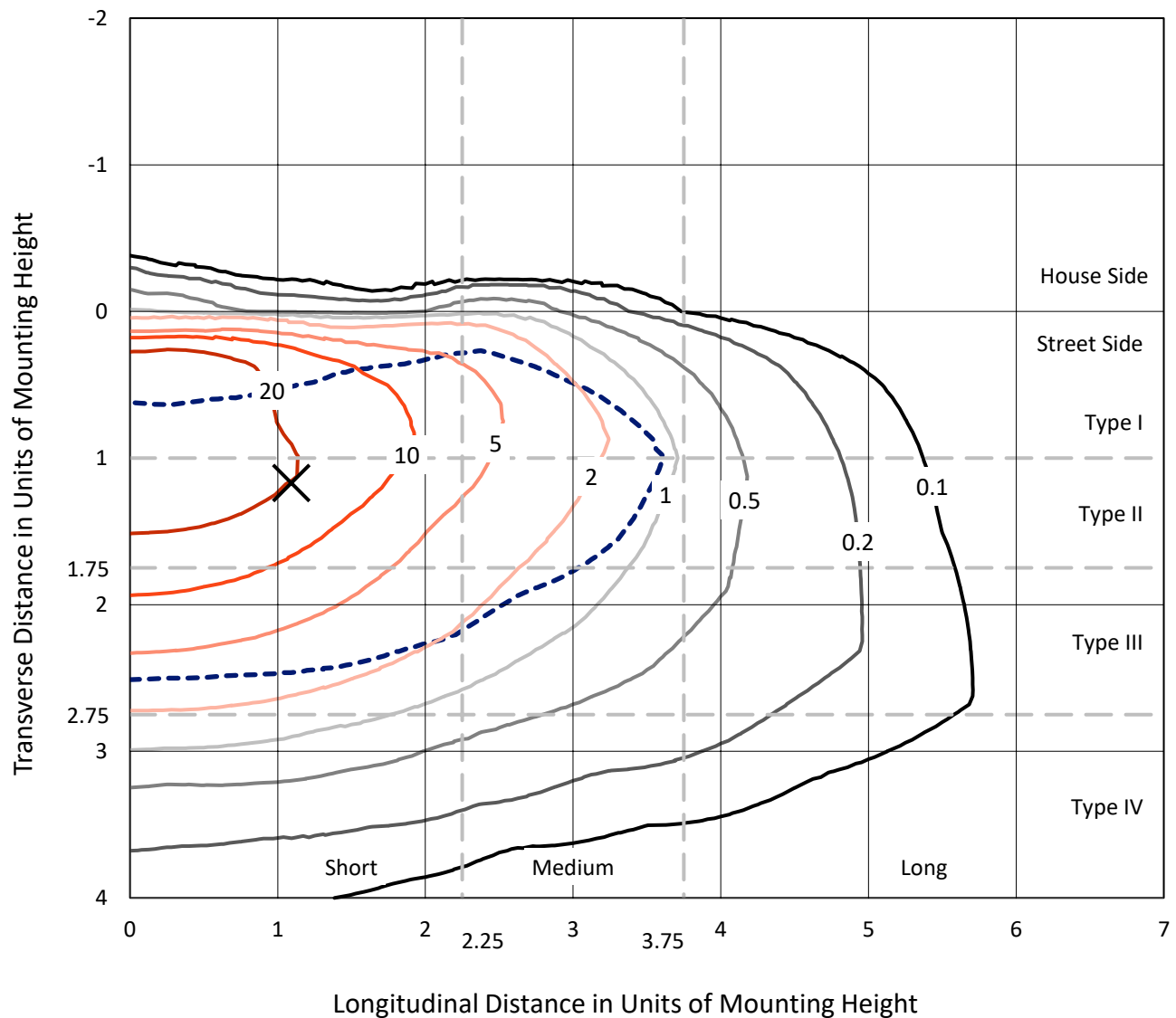


REPORT NUMBER: P1047327

CATALOG NUMBER: GALN-SA7C-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

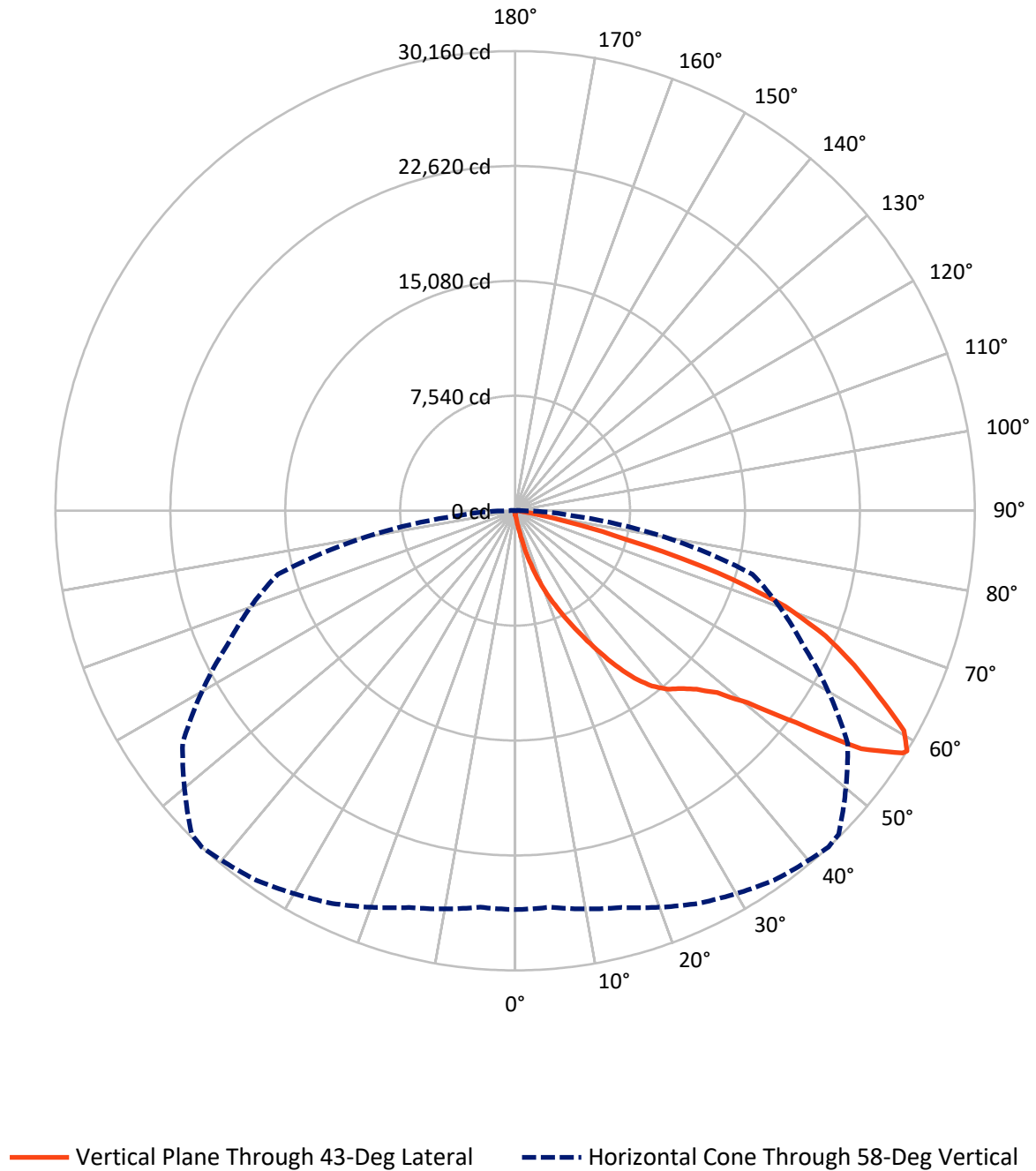


Based on 15 foot mounting height. Maximum calculated value = 40.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047327

CATALOG NUMBER: GALN-SA7C-830-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047327

CATALOG NUMBER: GALN-SA7C-830-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	133.0	0.0	133.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36289.9	0.0	36289.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	36422.9	0.0	36422.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.9	0.1
10°-20°	418.7	1.1
20°-30°	1509.0	4.1
30°-40°	3452.7	9.5
40°-50°	5823.3	16.0
50°-60°	9609.8	26.4
60°-70°	10740.3	29.5
70°-80°	4434.5	12.2
80°-90°	399.8	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°	36422.9	100.0
0°-180°	36422.9	100.0



REPORT NUMBER: P1047327

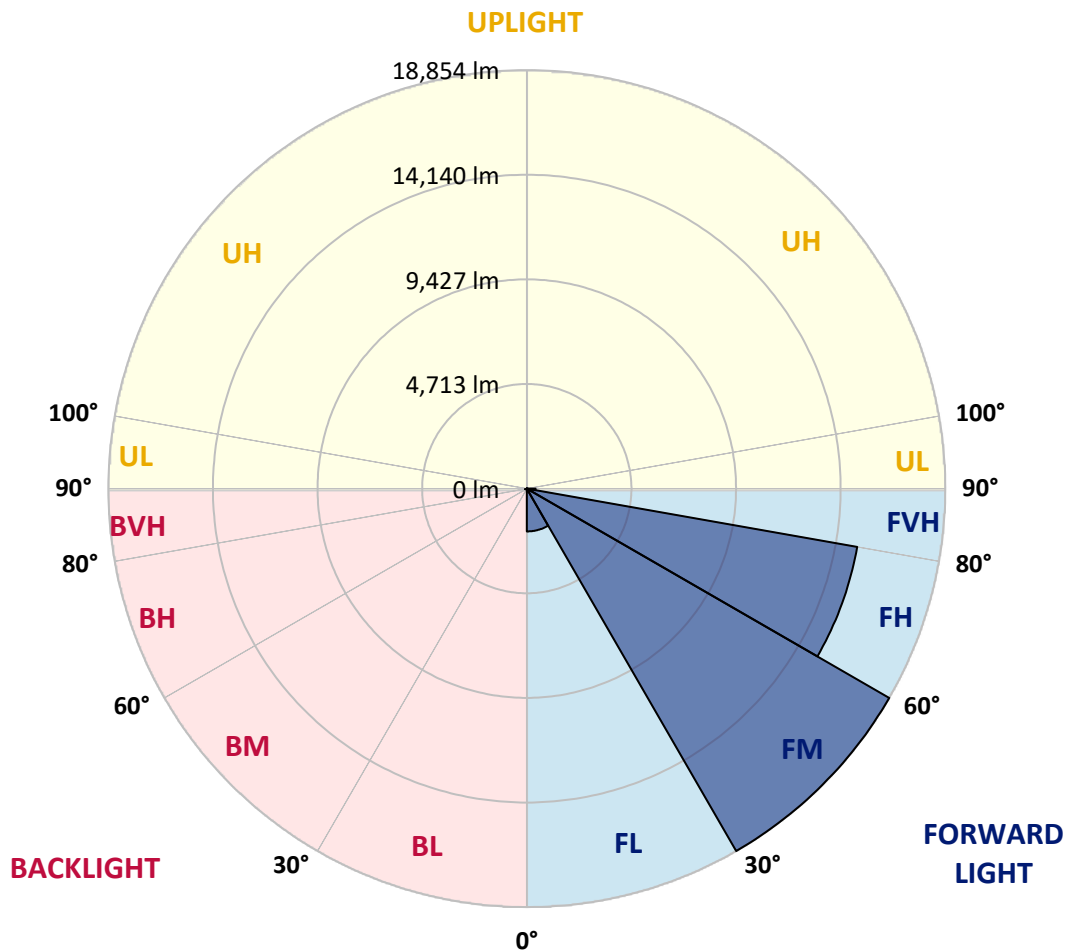
CATALOG NUMBER: GALN-SA7C-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1927.9	5.3			
FM	(30°-60°)	18853.9	51.8			
FH	(60°-80°)	15113.8	41.5			G5
FVH	(80°-90°)	394.3	1.1			G3/500
BL	(0°-30°)	34.7	0.1	B0/110		
BM	(30°-60°)	31.9	0.1	B0/220		
BH	(60°-80°)	60.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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 III Short



REPORT NUMBER: P1047327

CATALOG NUMBER: GALN-SA7C-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
2.5°	285.8	295.3	285.8	285.8	285.8	276.3	276.3	266.7	266.7	257.2	247.7
5°	419.1	419.1	390.6	371.5	352.5	342.9	333.4	314.4	295.3	276.3	257.2
7.5°	933.6	933.6	847.8	733.5	581.1	495.4	476.3	390.6	333.4	295.3	257.2
10°	2229.1	2229.1	2038.6	1724.2	1333.7	990.7	885.9	562.0	400.1	314.4	266.7
12.5°	3705.6	3753.3	3515.1	3115.0	2533.9	1933.8	1724.2	1028.8	533.5	342.9	266.7
15°	5029.8	4915.5	4848.8	4467.7	3915.2	3200.8	2934.0	1733.7	771.6	390.6	266.7
17.5°	5925.2	5925.2	5830.0	5572.8	5067.9	4439.2	4220.1	2800.7	1247.9	447.7	276.3
20°	6973.1	6973.1	6801.6	6620.6	6172.9	5639.4	5429.9	3981.9	1933.8	571.6	276.3
22.5°	8240.1	8259.1	8068.6	7744.7	7316.0	6725.4	6544.4	5077.4	2800.7	762.1	285.8
25°	9783.3	9802.3	9526.1	9221.2	8563.9	7925.7	7649.4	6334.8	3858.1	1066.9	285.8
27.5°	11488.5	11621.8	11212.2	10688.3	9992.9	9192.7	8983.1	7468.4	4905.9	1505.1	304.8
30°	13612.8	13612.8	13069.8	12336.3	11583.7	10593.0	10326.3	8659.2	6020.5	2086.2	323.9
32.5°	15441.8	15298.9	14603.5	13831.9	13031.7	12107.6	11821.9	9907.1	7163.6	2810.2	362.0
35°	16842.1	16718.3	15860.9	15032.2	14336.8	13488.9	13146.0	11259.8	8373.4	3629.4	419.1
37.5°	18042.4	17994.8	16832.6	15794.2	15337.0	14594.0	14289.1	12536.3	9564.2	4515.4	485.8
40°	19357.0	19204.6	17966.2	16680.2	15994.3	15394.1	15117.9	13565.1	10707.3	5553.7	581.1
42.5°	20481.1	20300.1	19185.5	17928.1	16756.4	15946.7	15679.9	14432.0	11821.9	6592.0	704.9
45°	21729.0	21633.7	20509.7	19557.0	17994.8	16699.2	16346.8	15127.4	12841.2	7830.4	866.9
47.5°	23605.6	23434.2	22386.3	21605.2	19795.2	17842.3	17337.5	15841.9	13822.3	9049.8	1114.6
50°	25787.1	25672.8	25053.6	24434.4	22634.0	19795.2	19195.1	16870.7	14917.8	10497.7	1438.4
52.5°	27568.5	27549.4	27625.6	27635.2	26272.9	23081.7	22186.2	18528.2	16175.3	11926.7	1895.7
55°	27530.4	27616.1	28454.4	29416.5	29521.3	27568.5	26701.6	21319.4	17813.8	13689.0	2533.9
57.5°	26501.6	26434.9	27320.8	28768.8	29788.1	29997.6	29854.7	25653.7	20281.0	15813.3	3515.1
58°	26168.1	26111.0	26949.3	28425.8	29597.5	30159.6	30016.7	26634.9	20833.5	16118.1	3781.9
60°	24958.3	24967.9	25463.2	26806.4	27978.1	29311.8	29445.1	29435.6	23586.6	18156.7	5125.0
62.5°	23358.0	23281.7	23739.0	24834.5	25863.3	26758.8	26987.4	29626.1	27616.1	20747.8	7687.5
65°	21147.9	21033.6	21519.4	22757.8	23862.8	24443.9	24453.5	27073.1	29511.8	23529.4	11345.6
67.5°	17042.2	16946.9	17918.6	19509.4	21214.6	21976.7	22319.6	23491.3	27911.4	25415.6	13441.3
70°	10440.6	10640.6	11993.3	14489.2	17404.2	18804.5	19318.9	19680.9	23767.6	25129.8	11240.8
72.5°	4820.2	4582.0	5734.7	7478.0	10802.6	13917.6	14451.1	15870.5	18842.6	21814.7	8383.0
75°	2248.2	2162.4	2429.2	3267.4	4896.4	7516.1	8487.7	12669.7	14451.1	15175.0	6049.1
77.5°	1152.7	1162.2	1381.3	1486.1	2019.5	3477.0	3991.4	8335.3	10593.0	8468.7	4058.1
80°	504.9	523.9	533.5	581.1	819.2	1343.2	1514.6	3867.6	7239.8	4315.3	2219.6
82.5°	323.9	333.4	333.4	333.4	390.6	533.5	609.7	1552.8	3610.4	2143.4	685.9
85°	171.5	171.5	190.5	238.2	276.3	323.9	342.9	495.4	1190.8	638.2	161.9
87.5°	95.3	104.8	114.3	142.9	181.0	219.1	238.2	342.9	457.3	438.2	38.1
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: P1047327

CATALOG NUMBER: GALN-SA7C-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
2.5°	247.7	238.2	228.6	219.1	209.6	200.0	200.0	200.0	200.0	200.0	200.0
5°	238.2	228.6	219.1	200.0	181.0	171.5	161.9	152.4	152.4	152.4	152.4
7.5°	238.2	228.6	200.0	181.0	161.9	142.9	123.8	123.8	123.8	123.8	123.8
10°	238.2	219.1	190.5	161.9	133.4	114.3	104.8	95.3	95.3	95.3	95.3
12.5°	238.2	209.6	181.0	142.9	114.3	95.3	85.7	76.2	76.2	76.2	76.2
15°	238.2	209.6	171.5	133.4	104.8	76.2	66.7	57.2	57.2	57.2	57.2
17.5°	228.6	200.0	161.9	114.3	85.7	57.2	47.6	38.1	38.1	47.6	47.6
20°	219.1	190.5	142.9	95.3	66.7	47.6	28.6	28.6	28.6	28.6	28.6
22.5°	219.1	190.5	133.4	85.7	57.2	28.6	19.1	19.1	19.1	19.1	28.6
25°	219.1	181.0	114.3	66.7	38.1	19.1	9.5	9.5	9.5	9.5	9.5
27.5°	219.1	181.0	104.8	57.2	28.6	19.1	9.5	0.0	0.0	0.0	0.0
30°	209.6	171.5	95.3	47.6	19.1	9.5	0.0	0.0	0.0	0.0	0.0
32.5°	209.6	161.9	76.2	38.1	19.1	9.5	0.0	0.0	0.0	0.0	0.0
35°	219.1	152.4	66.7	28.6	9.5	0.0	0.0	0.0	0.0	0.0	9.5
37.5°	228.6	142.9	57.2	19.1	9.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	238.2	133.4	57.2	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	257.2	133.4	47.6	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	276.3	133.4	38.1	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	314.4	142.9	38.1	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	342.9	152.4	28.6	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	381.0	142.9	28.6	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	428.7	142.9	28.6	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	466.8	133.4	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	485.8	123.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	581.1	114.3	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	905.0	95.3	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1838.5	85.7	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3429.4	76.2	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3839.0	85.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2419.6	66.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1276.5	66.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	638.2	66.7	9.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	295.3	47.6	9.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	123.8	28.6	19.1	9.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	57.2	28.6	19.1	19.1	9.5	9.5	0.0	0.0	0.0	0.0	0.0
87.5°	28.6	28.6	28.6	19.1	19.1	9.5	9.5	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

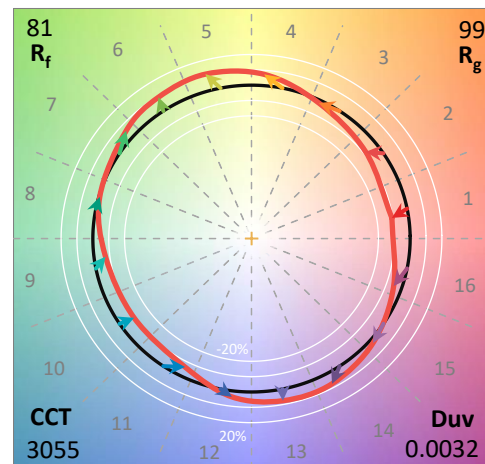
Test Information

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

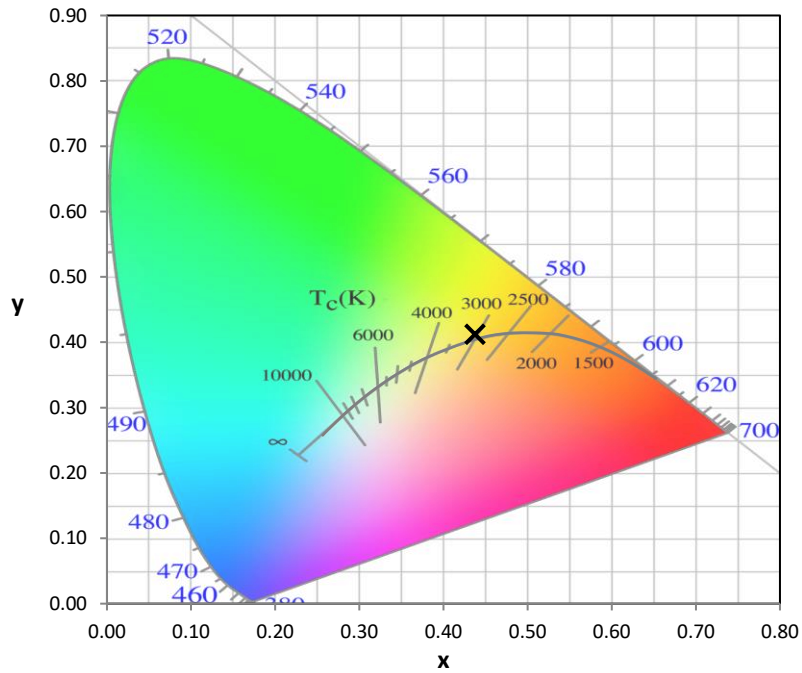
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

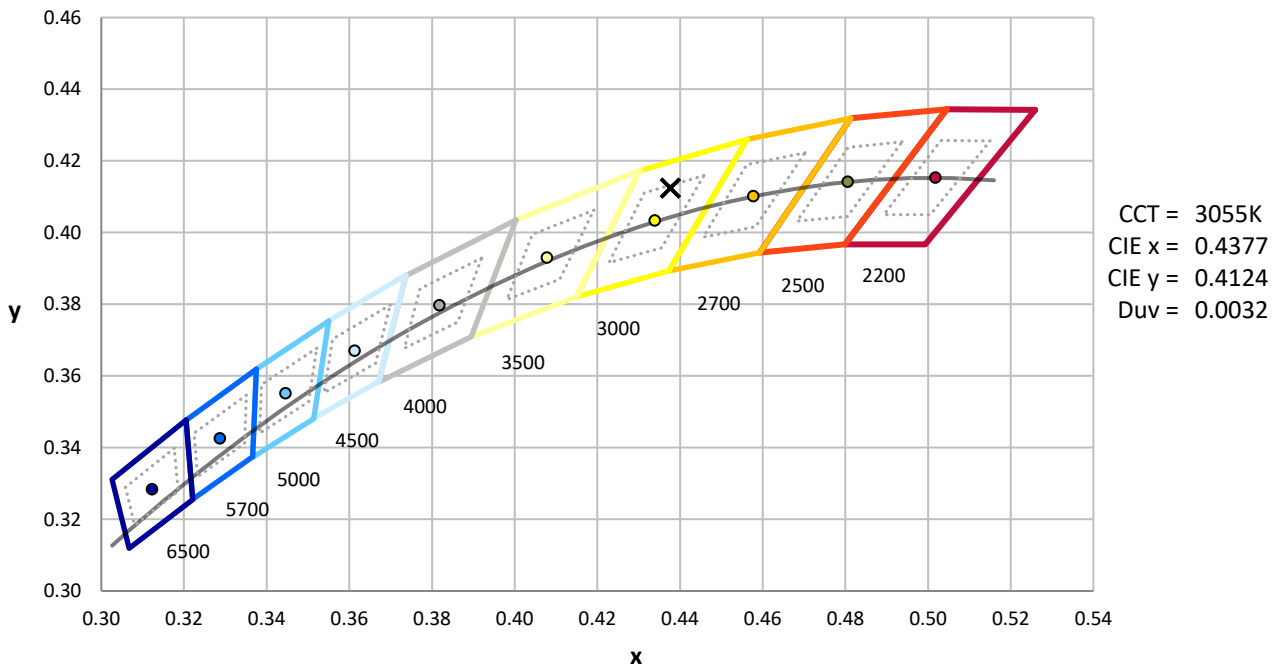
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



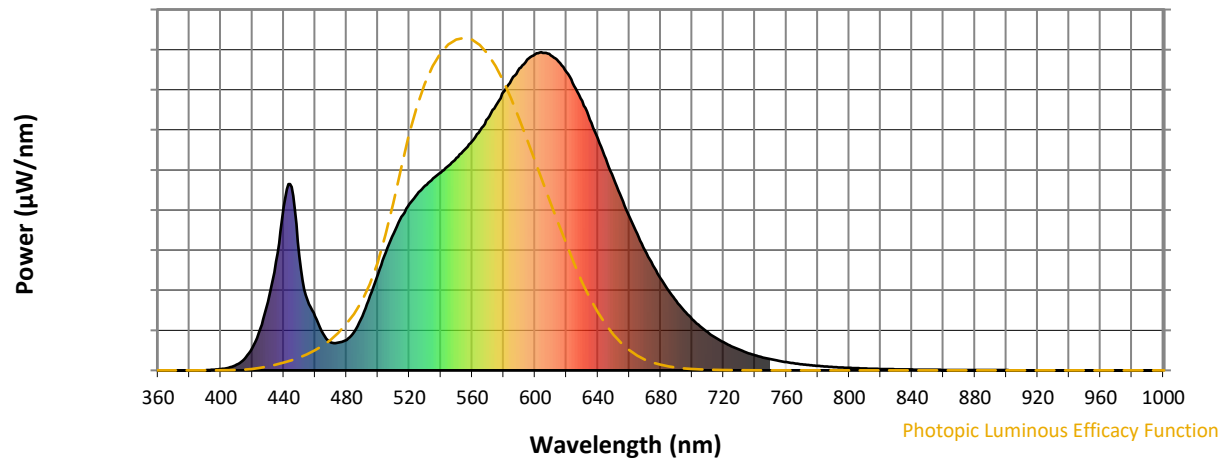
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

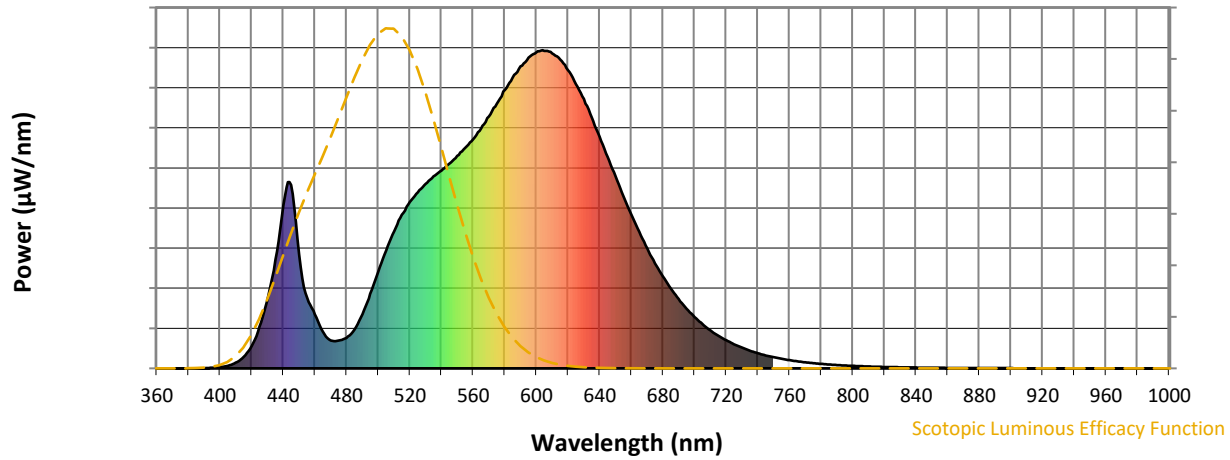


Photopic Lumens: NR

λ (nm)	Power W/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

Scotopic Flux vs. Wavelength



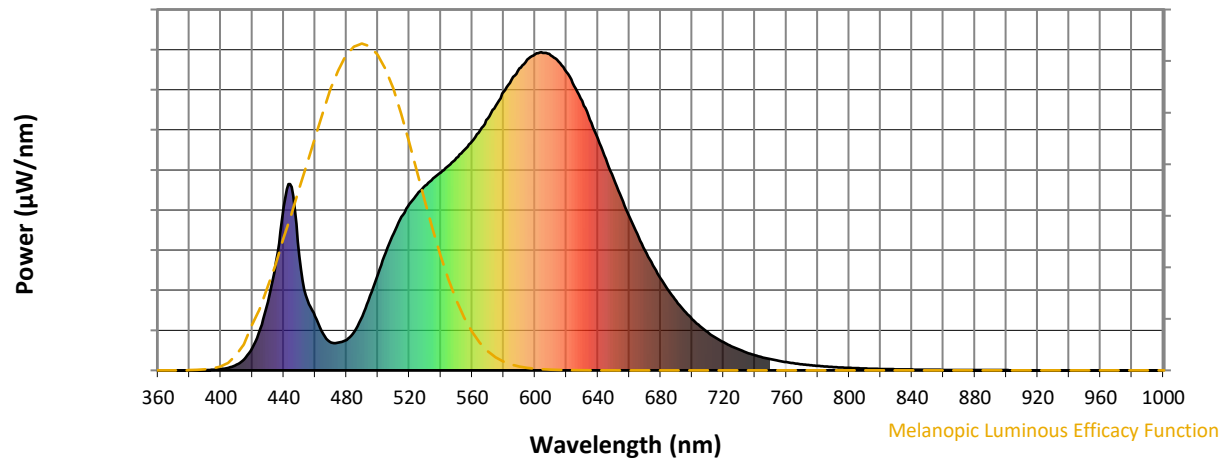
Scotopic Lumens: NR

S/P: 1.28

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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

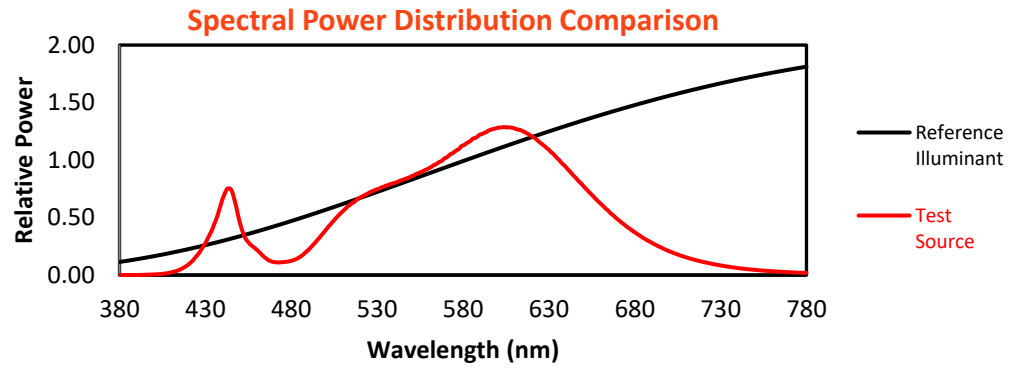
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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

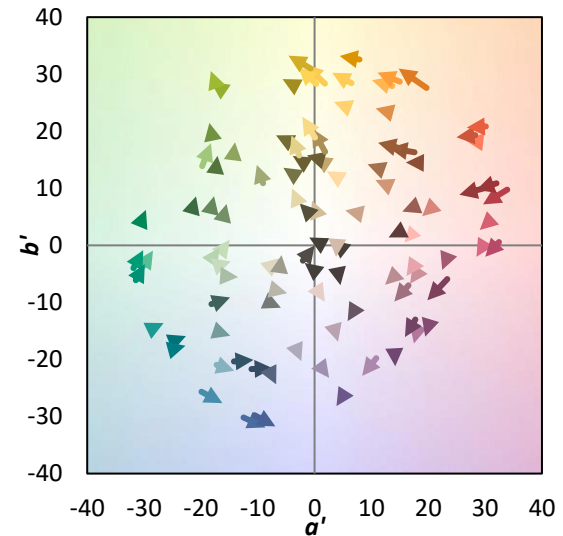
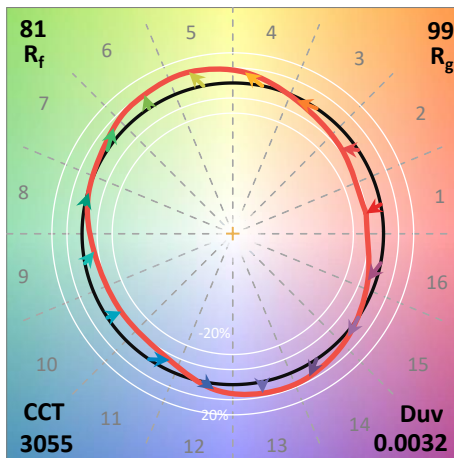
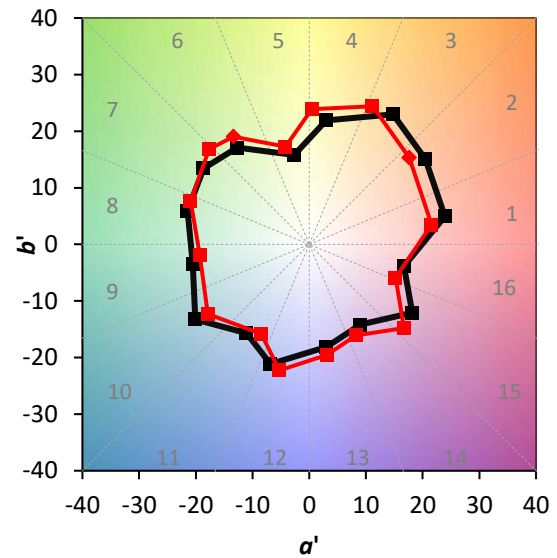
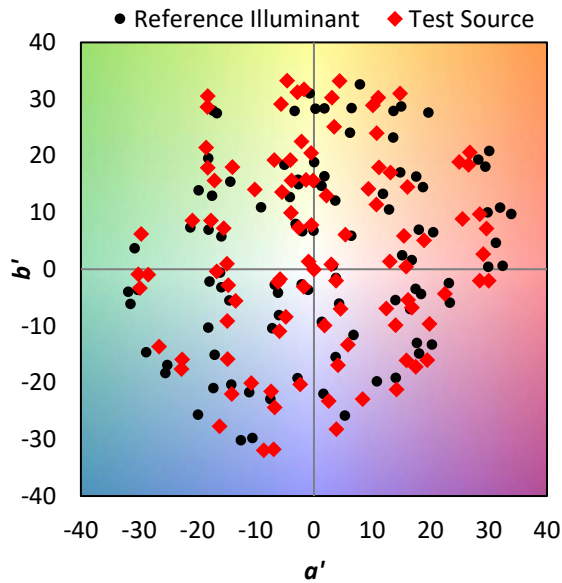
TM-30-18

Summary

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

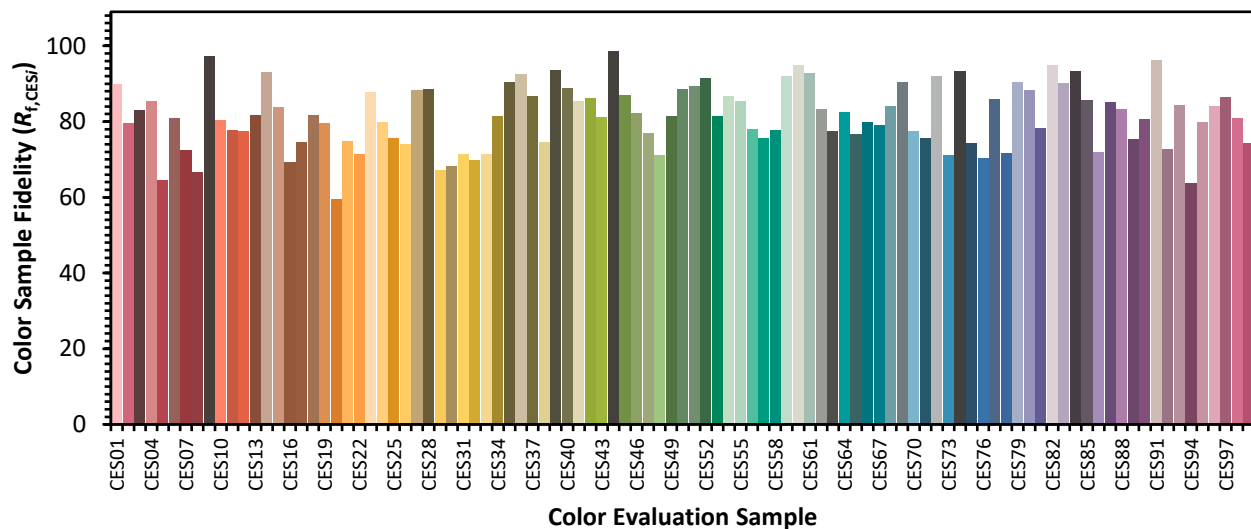


Color Vector Graphics

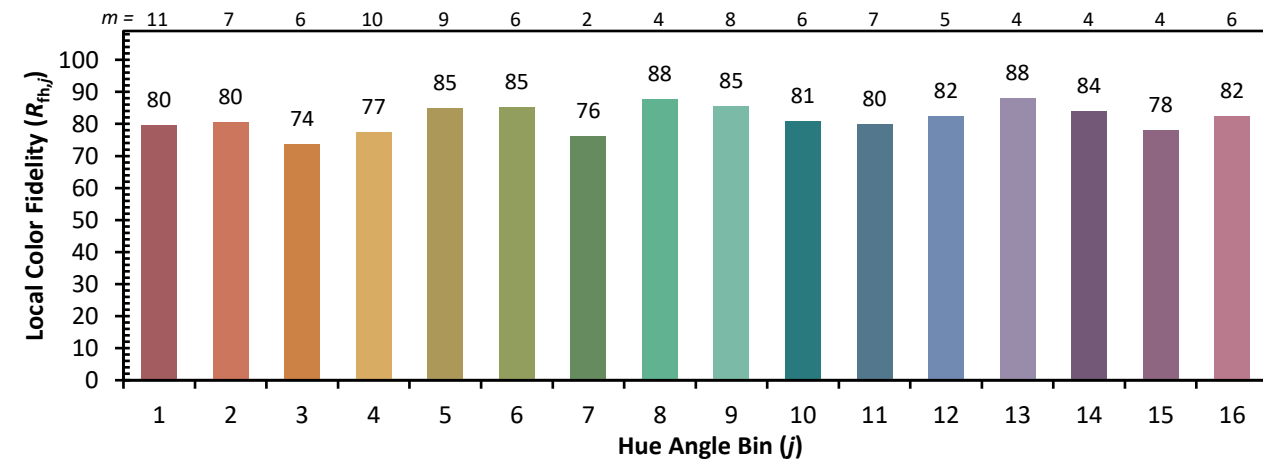
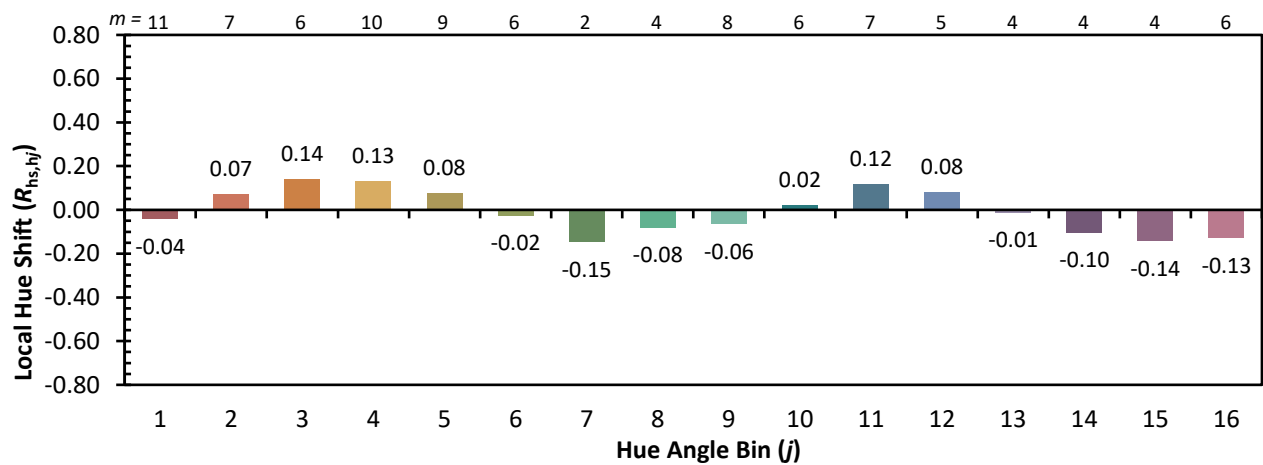
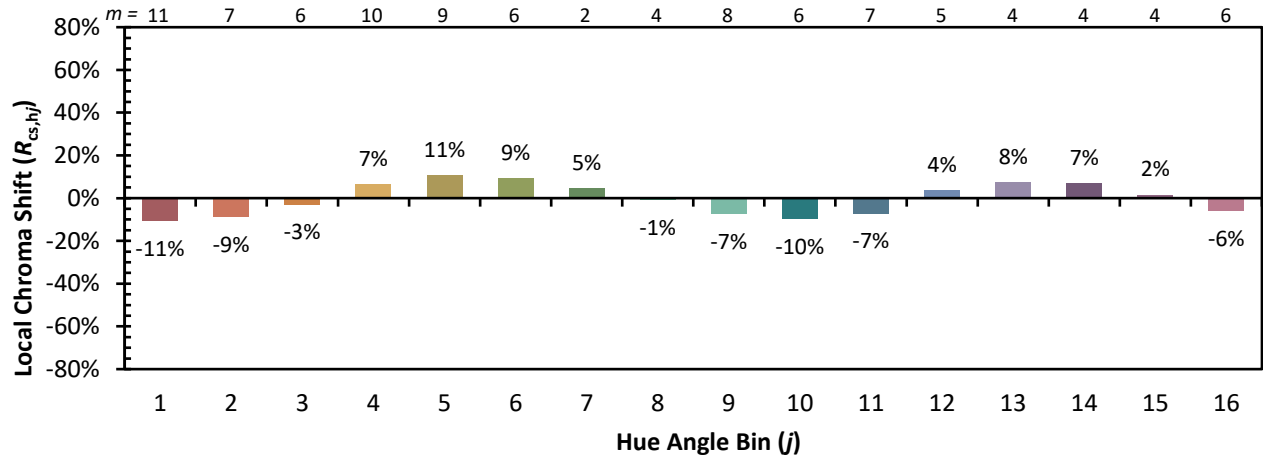


Individual Sample Fidelity Index ($R_{f,i}$)

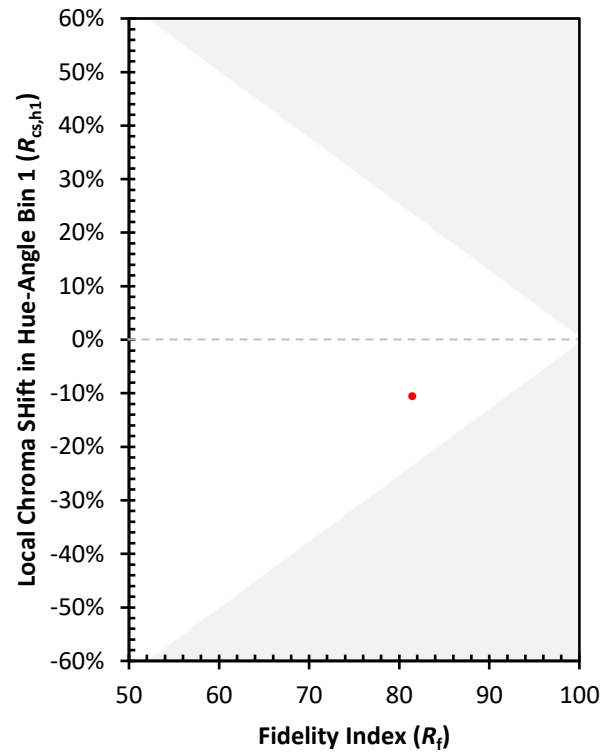
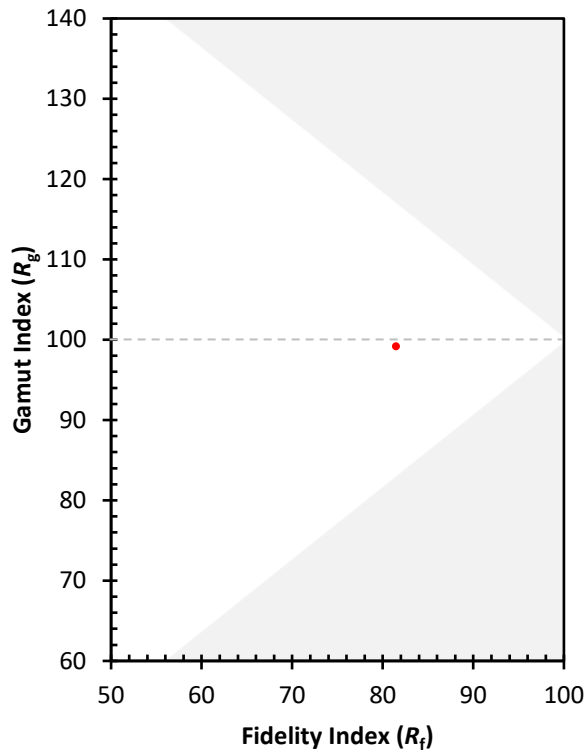
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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