

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: P1047311

Luminaire Tested: **GALN-SA3C-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047311
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15980.6 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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

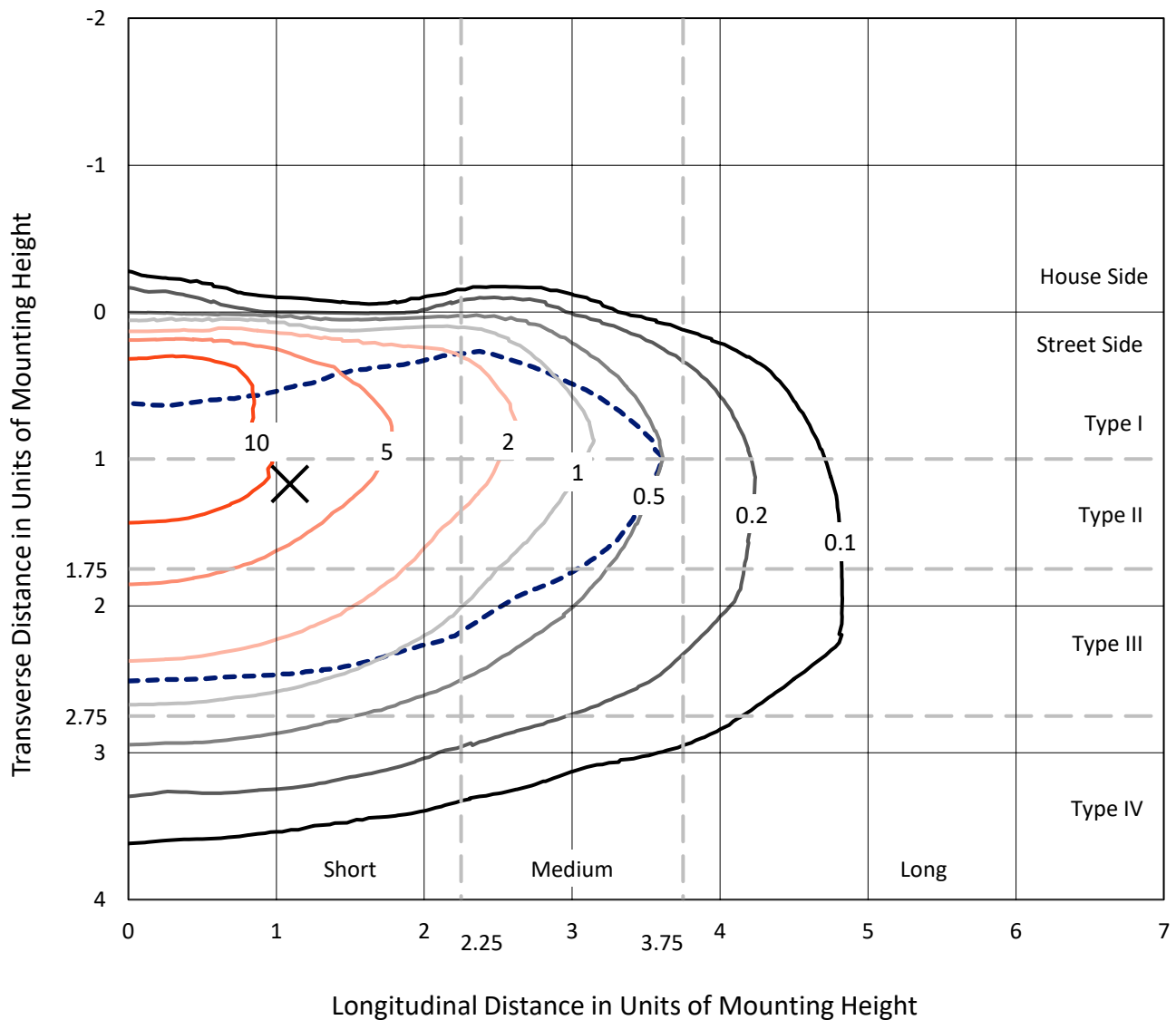


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

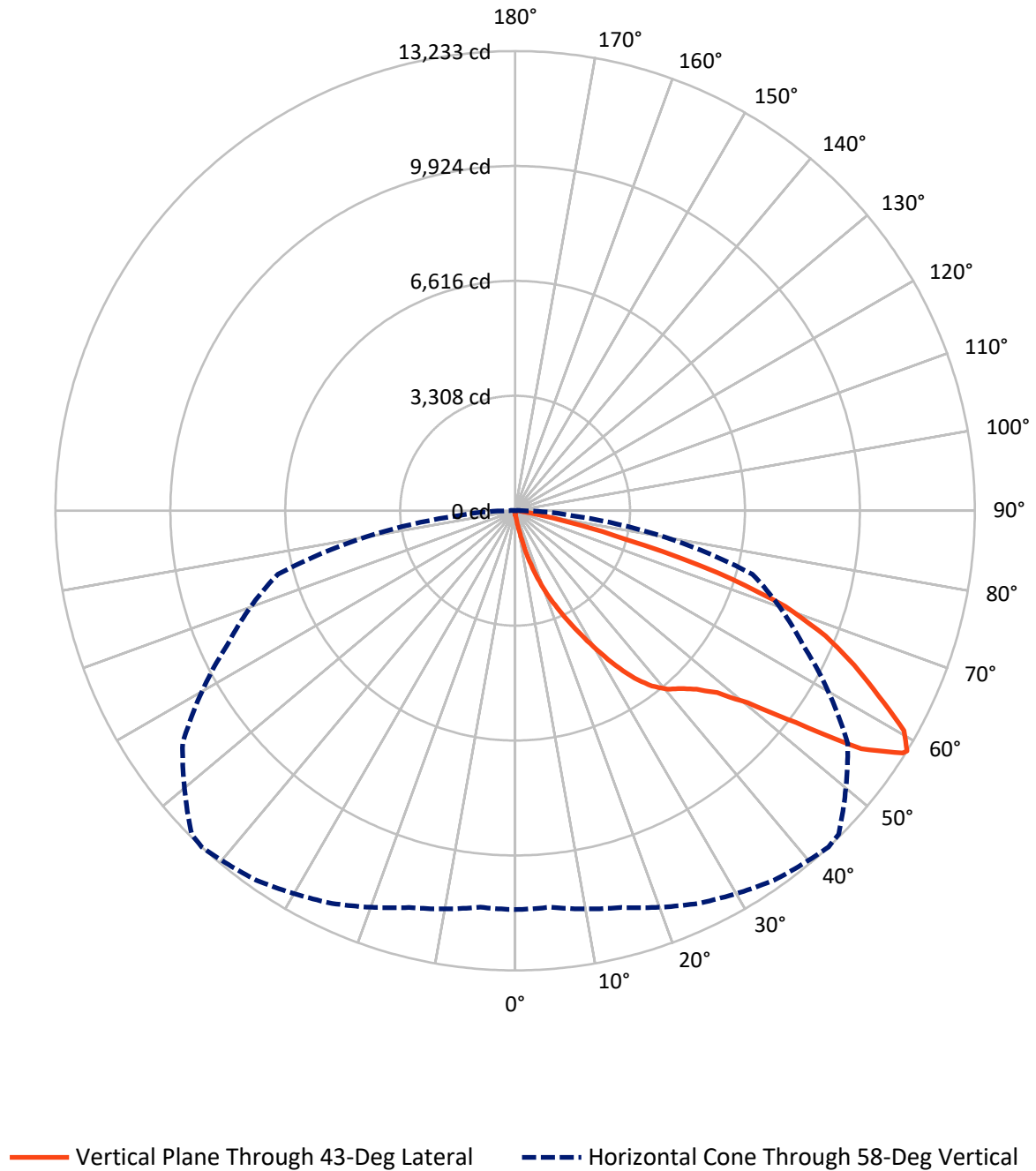


Based on 15 foot mounting height. Maximum calculated value = 17.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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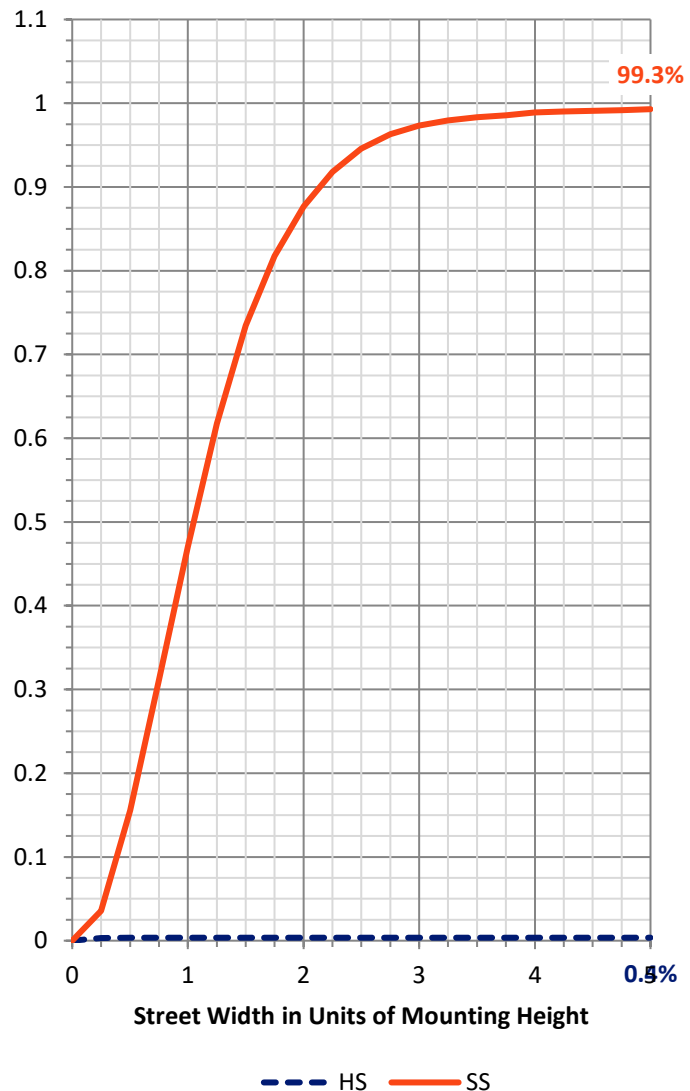
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	58.4	0.0	58.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15922.3	0.0	15922.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	15980.6	0.0	15980.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	0.1
10°-20°	183.7	1.1
20°-30°	662.1	4.1
30°-40°	1514.9	9.5
40°-50°	2555.0	16.0
50°-60°	4216.3	26.4
60°-70°	4712.3	29.5
70°-80°	1945.6	12.2
80°-90°	175.4	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°	15980.6	100.0
0°-180°	15980.6	100.0



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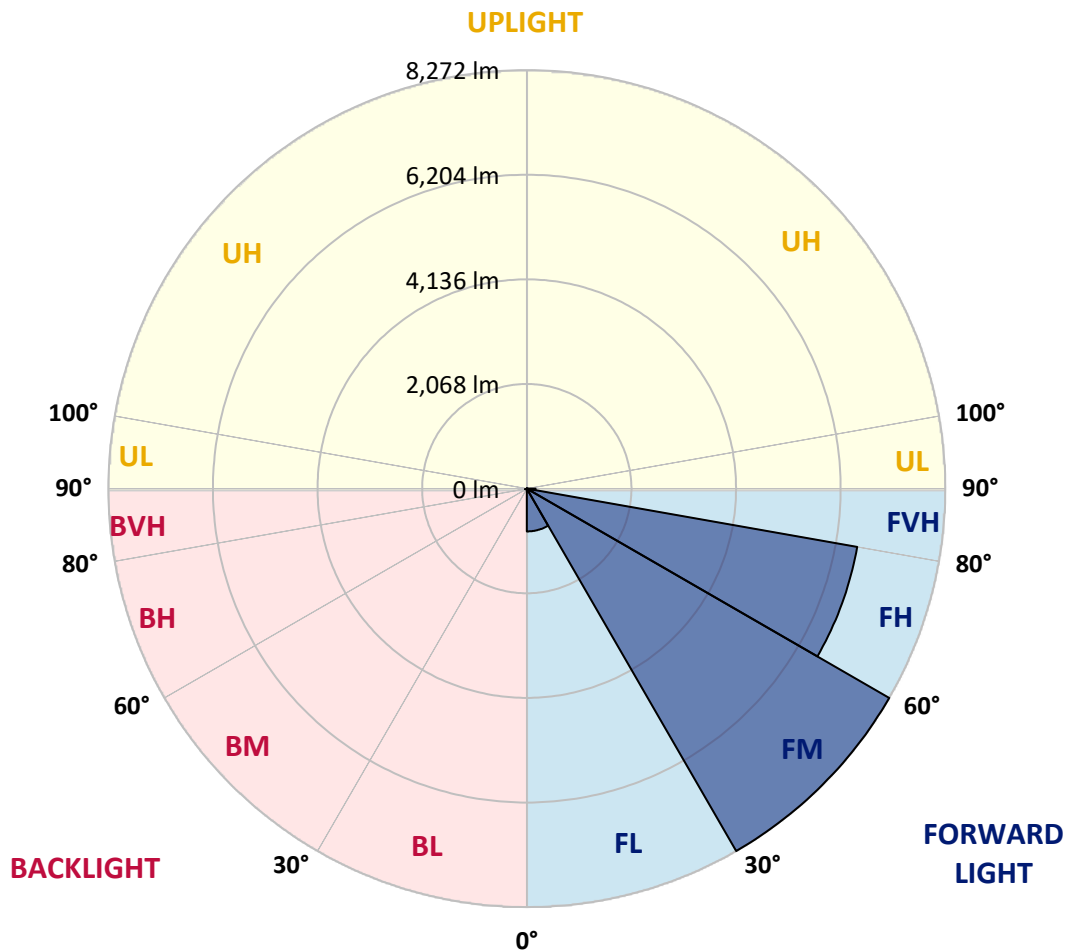
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	845.9	5.3			
FM	(30°-60°)	8272.2	51.8			
FH	(60°-80°)	6631.2	41.5			G3/7500
FVH	(80°-90°)	173.0	1.1			G2/225
BL	(0°-30°)	15.2	0.1	B0/110		
BM	(30°-60°)	14.0	0.1	B0/220		
BH	(60°-80°)	26.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
2.5°	125.4	129.6	125.4	125.4	125.4	121.2	121.2	117.0	117.0	112.8	108.7
5°	183.9	183.9	171.4	163.0	154.6	150.5	146.3	137.9	129.6	121.2	112.8
7.5°	409.6	409.6	372.0	321.8	255.0	217.3	209.0	171.4	146.3	129.6	112.8
10°	978.0	978.0	894.4	756.5	585.1	434.7	388.7	246.6	175.5	137.9	117.0
12.5°	1625.9	1646.8	1542.3	1366.7	1111.8	848.5	756.5	451.4	234.1	150.5	117.0
15°	2206.8	2156.7	2127.4	1960.2	1717.8	1404.3	1287.3	760.7	338.5	171.4	117.0
17.5°	2599.7	2599.7	2557.9	2445.1	2223.5	1947.7	1851.6	1228.8	547.5	196.4	121.2
20°	3059.5	3059.5	2984.2	2904.8	2708.4	2474.3	2382.4	1747.1	848.5	250.8	121.2
22.5°	3615.3	3623.7	3540.1	3398.0	3209.9	2950.8	2871.4	2227.7	1228.8	334.4	125.4
25°	4292.4	4300.8	4179.6	4045.8	3757.5	3477.4	3356.2	2779.4	1692.7	468.1	125.4
27.5°	5040.6	5099.1	4919.4	4689.5	4384.4	4033.3	3941.4	3276.8	2152.5	660.4	133.7
30°	5972.6	5972.6	5734.4	5412.6	5082.4	4647.7	4530.7	3799.2	2641.5	915.3	142.1
32.5°	6775.1	6712.4	6407.3	6068.8	5717.7	5312.3	5186.9	4346.8	3143.1	1233.0	158.8
35°	7389.5	7335.2	6959.0	6595.4	6290.3	5918.3	5767.8	4940.3	3673.9	1592.4	183.9
37.5°	7916.1	7895.2	7385.3	6929.8	6729.1	6403.1	6269.4	5500.3	4196.3	1981.1	213.2
40°	8492.9	8426.1	7882.7	7318.5	7017.5	6754.2	6633.0	5951.7	4697.9	2436.7	255.0
42.5°	8986.1	8906.7	8417.7	7866.0	7351.9	6996.6	6879.6	6332.1	5186.9	2892.3	309.3
45°	9533.6	9491.8	8998.7	8580.7	7895.2	7326.8	7172.2	6637.2	5634.1	3435.6	380.3
47.5°	10357.0	10281.8	9822.0	9479.3	8685.2	7828.4	7606.9	6950.7	6064.6	3970.6	489.0
50°	11314.2	11264.0	10992.3	10720.6	9930.7	8685.2	8421.9	7402.1	6545.2	4605.9	631.1
52.5°	12095.7	12087.4	12120.8	12125.0	11527.3	10127.1	9734.3	8129.3	7096.9	5232.8	831.7
55°	12079.0	12116.6	12484.4	12906.6	12952.6	12095.7	11715.4	9353.9	7815.8	6006.1	1111.8
57.5°	11627.6	11598.4	11987.1	12622.4	13069.6	13161.5	13098.8	11255.6	8898.3	6938.1	1542.3
58°	11481.3	11456.3	11824.1	12471.9	12986.0	13232.6	13169.9	11686.1	9140.8	7071.9	1659.3
60°	10950.5	10954.7	11172.0	11761.4	12275.5	12860.6	12919.1	12914.9	10348.7	7966.3	2248.6
62.5°	10248.4	10214.9	10415.5	10896.2	11347.6	11740.5	11840.8	12998.5	12116.6	9103.1	3372.9
65°	9278.7	9228.5	9441.7	9985.0	10469.9	10724.8	10729.0	11878.4	12948.4	10323.6	4977.9
67.5°	7477.3	7435.5	7861.8	8559.8	9307.9	9642.3	9792.8	10306.9	12246.2	11151.1	5897.4
70°	4580.8	4668.6	5262.1	6357.2	7636.1	8250.5	8476.2	8635.0	10428.1	11025.8	4931.9
72.5°	2114.9	2010.4	2516.1	3281.0	4739.7	6106.4	6340.4	6963.2	8267.2	9571.3	3678.0
75°	986.4	948.8	1065.8	1433.6	2148.3	3297.7	3724.0	5558.9	6340.4	6658.1	2654.0
77.5°	505.7	509.9	606.0	652.0	886.1	1525.6	1751.2	3657.1	4647.7	3715.7	1780.5
80°	221.5	229.9	234.1	255.0	359.4	589.3	664.6	1696.9	3176.5	1893.4	973.8
82.5°	142.1	146.3	146.3	146.3	171.4	234.1	267.5	681.3	1584.1	940.4	300.9
85°	75.2	75.2	83.6	104.5	121.2	142.1	150.5	217.3	522.4	280.0	71.1
87.5°	41.8	46.0	50.2	62.7	79.4	96.1	104.5	150.5	200.6	192.3	16.7
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-SA3C-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
2.5°	108.7	104.5	100.3	96.1	92.0	87.8	87.8	87.8	87.8	87.8	87.8
5°	104.5	100.3	96.1	87.8	79.4	75.2	71.1	66.9	66.9	66.9	66.9
7.5°	104.5	100.3	87.8	79.4	71.1	62.7	54.3	54.3	54.3	54.3	54.3
10°	104.5	96.1	83.6	71.1	58.5	50.2	46.0	41.8	41.8	41.8	41.8
12.5°	104.5	92.0	79.4	62.7	50.2	41.8	37.6	33.4	33.4	33.4	33.4
15°	104.5	92.0	75.2	58.5	46.0	33.4	29.3	25.1	25.1	25.1	25.1
17.5°	100.3	87.8	71.1	50.2	37.6	25.1	20.9	16.7	16.7	20.9	20.9
20°	96.1	83.6	62.7	41.8	29.3	20.9	12.5	12.5	12.5	12.5	12.5
22.5°	96.1	83.6	58.5	37.6	25.1	12.5	8.4	8.4	8.4	8.4	12.5
25°	96.1	79.4	50.2	29.3	16.7	8.4	4.2	4.2	4.2	4.2	4.2
27.5°	96.1	79.4	46.0	25.1	12.5	8.4	4.2	0.0	0.0	0.0	0.0
30°	92.0	75.2	41.8	20.9	8.4	4.2	0.0	0.0	0.0	0.0	0.0
32.5°	92.0	71.1	33.4	16.7	8.4	4.2	0.0	0.0	0.0	0.0	0.0
35°	96.1	66.9	29.3	12.5	4.2	0.0	0.0	0.0	0.0	0.0	4.2
37.5°	100.3	62.7	25.1	8.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	104.5	58.5	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	112.8	58.5	20.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	121.2	58.5	16.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	137.9	62.7	16.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	150.5	66.9	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	167.2	62.7	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	188.1	62.7	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	204.8	58.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	213.2	54.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	255.0	50.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	397.1	41.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	806.7	37.6	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1504.7	33.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1684.4	37.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1061.6	29.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	560.1	29.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	280.0	29.3	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	129.6	20.9	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	54.3	12.5	8.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.1	12.5	8.4	8.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0
87.5°	12.5	12.5	12.5	8.4	8.4	4.2	4.2	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

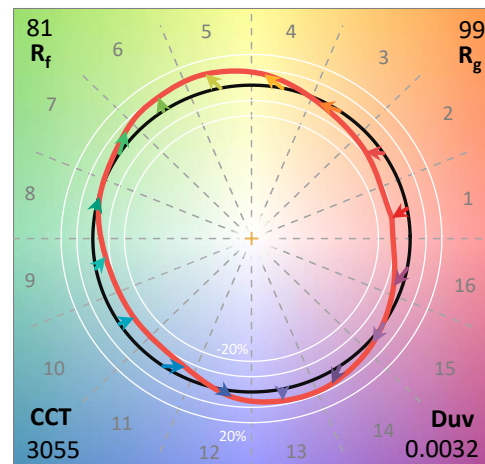
Test Information

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

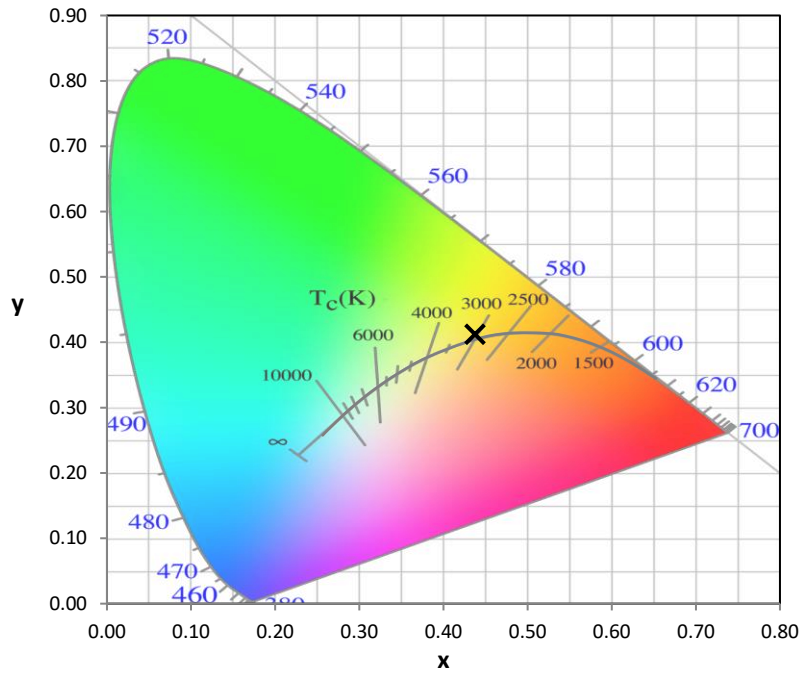
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

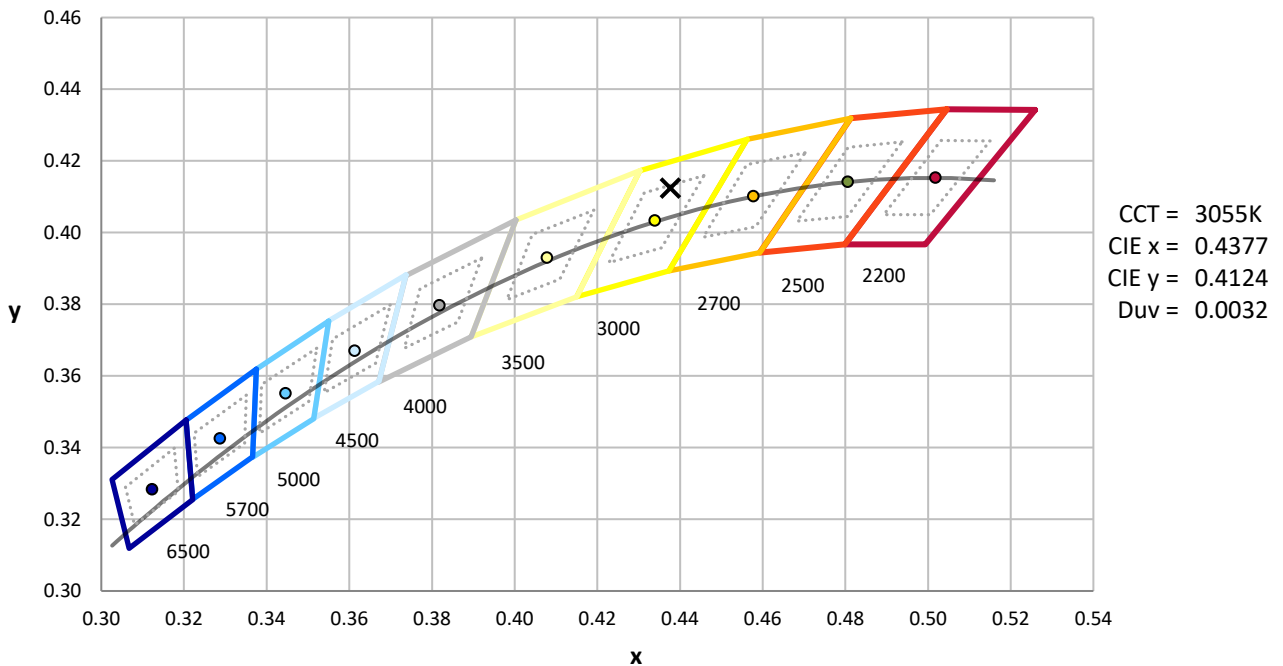
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



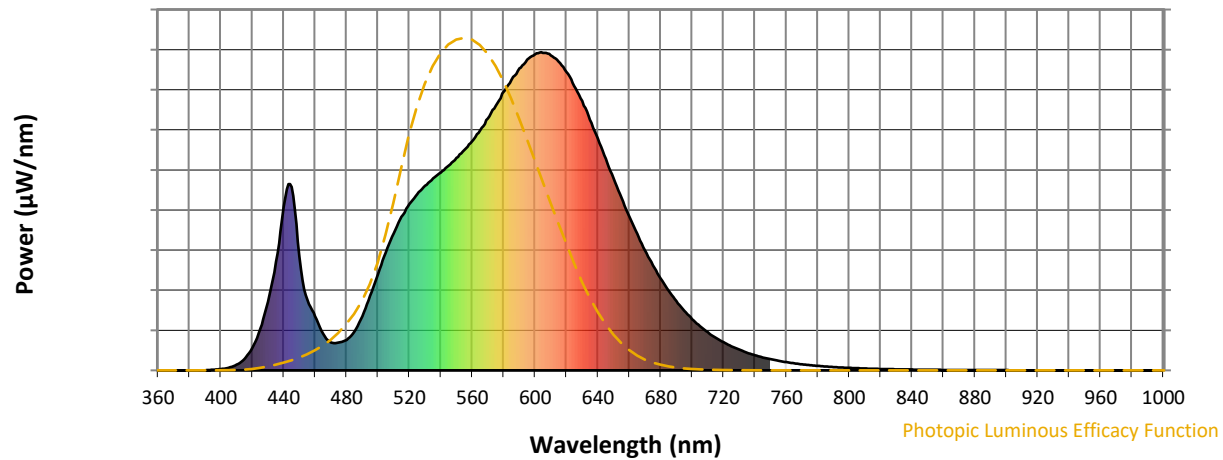
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

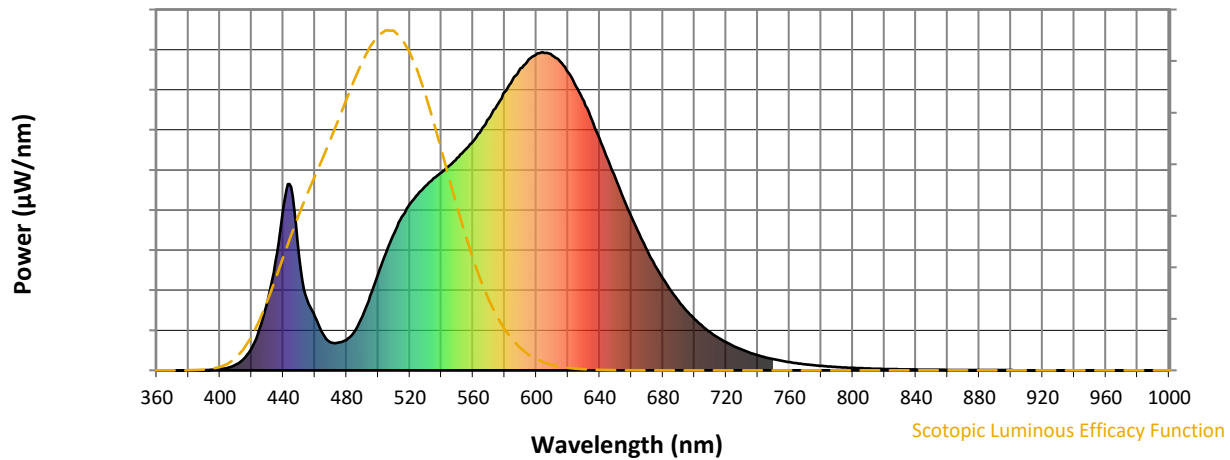


Photopic Lumens: NR

λ (nm)	Power W ^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			

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Scotopic Flux vs. Wavelength



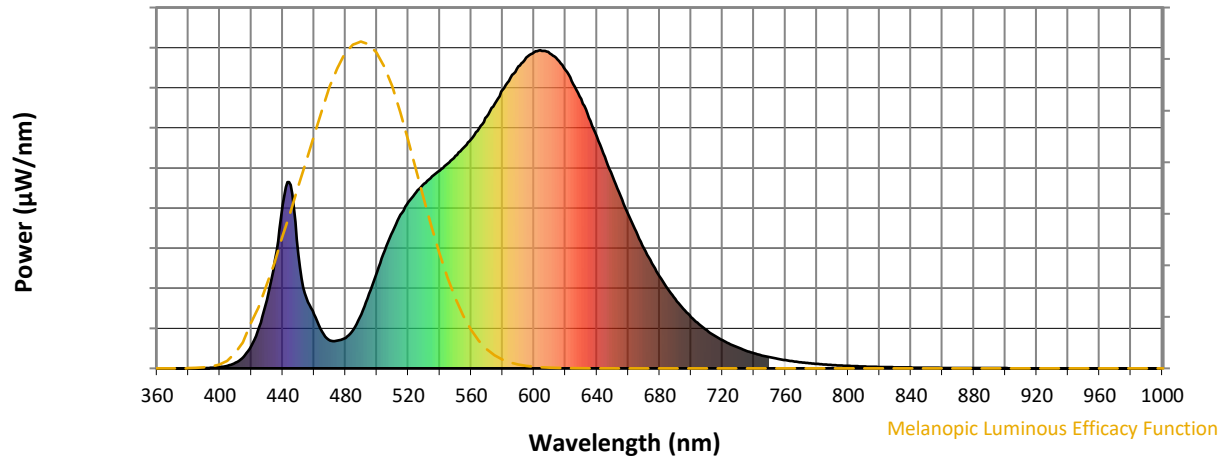
Scotopic Lumens: NR

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

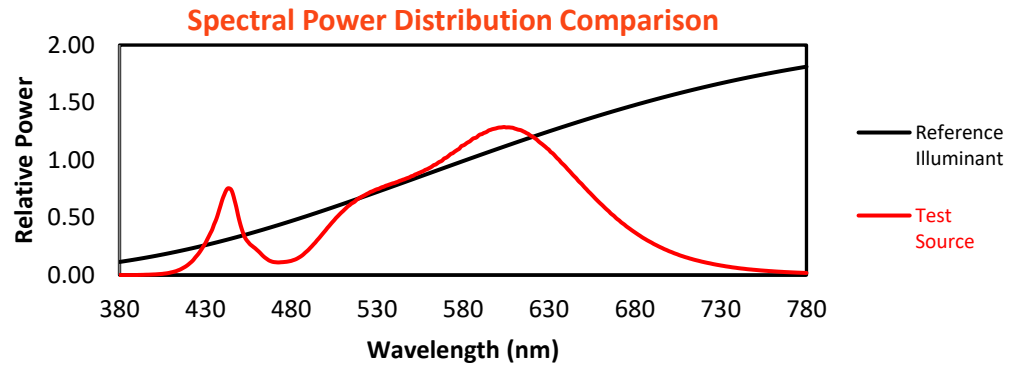
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	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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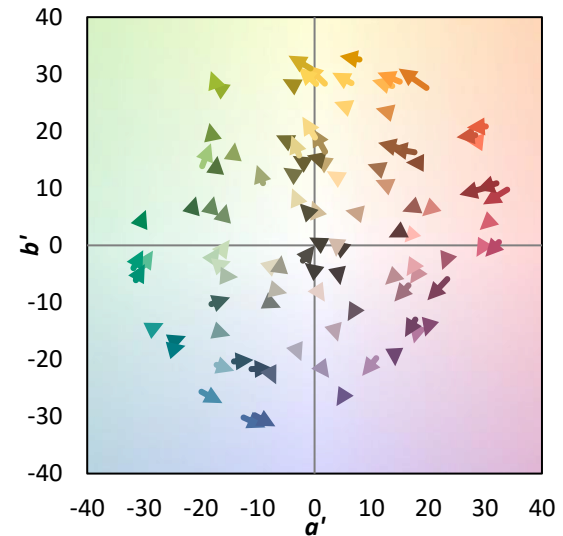
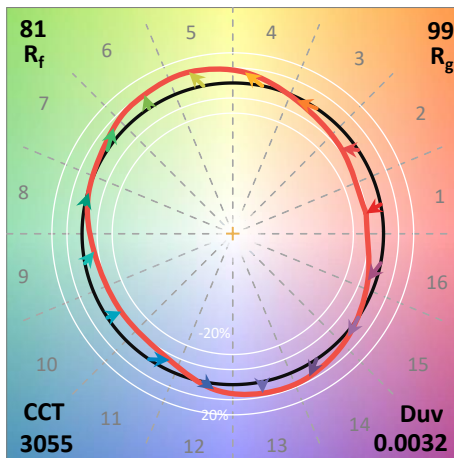
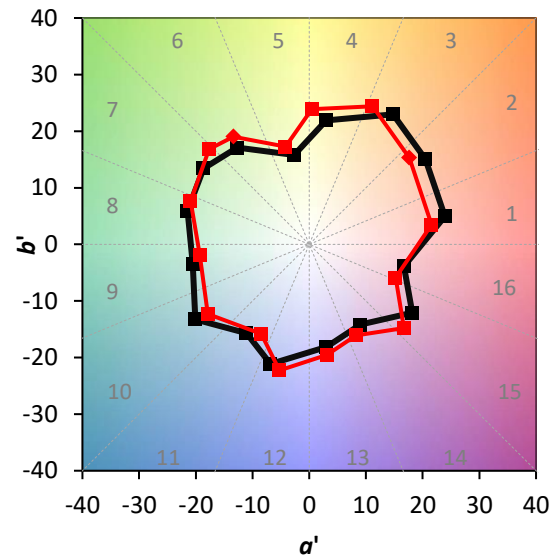
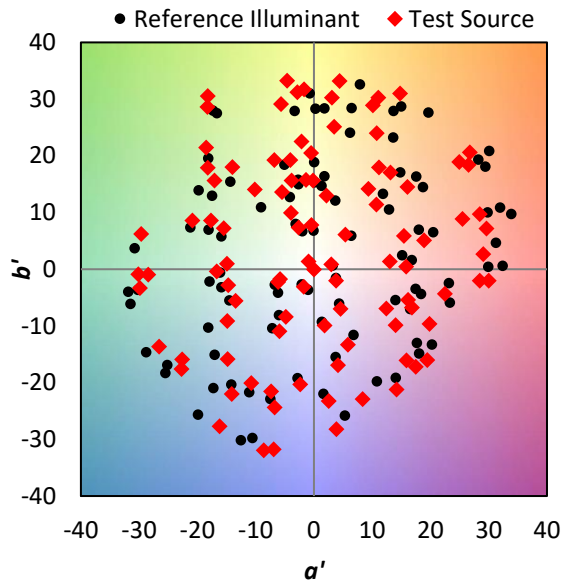
TM-30-18

Summary

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

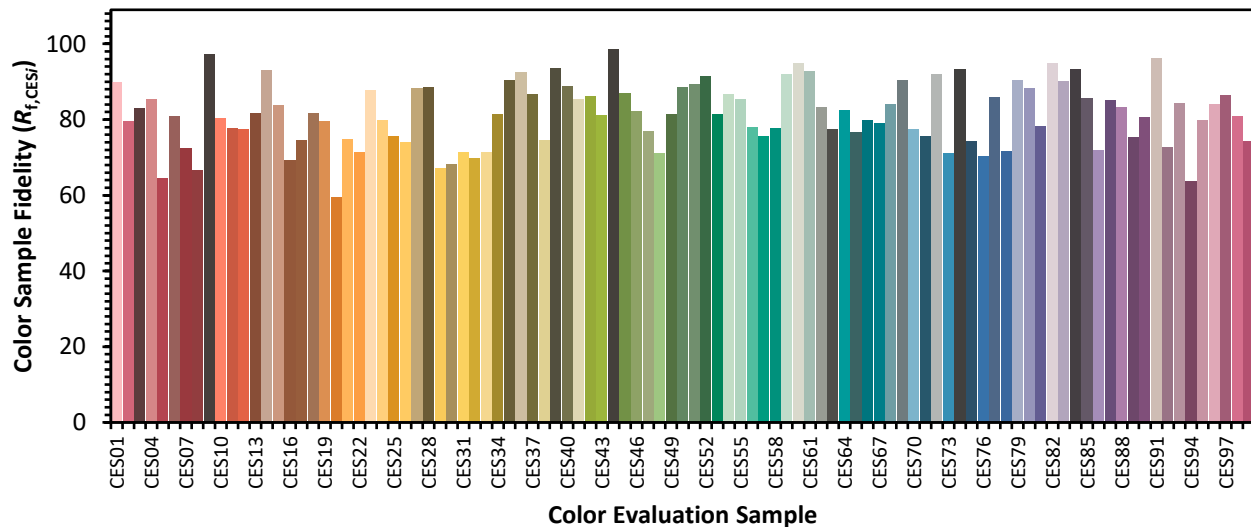


Color Vector Graphics

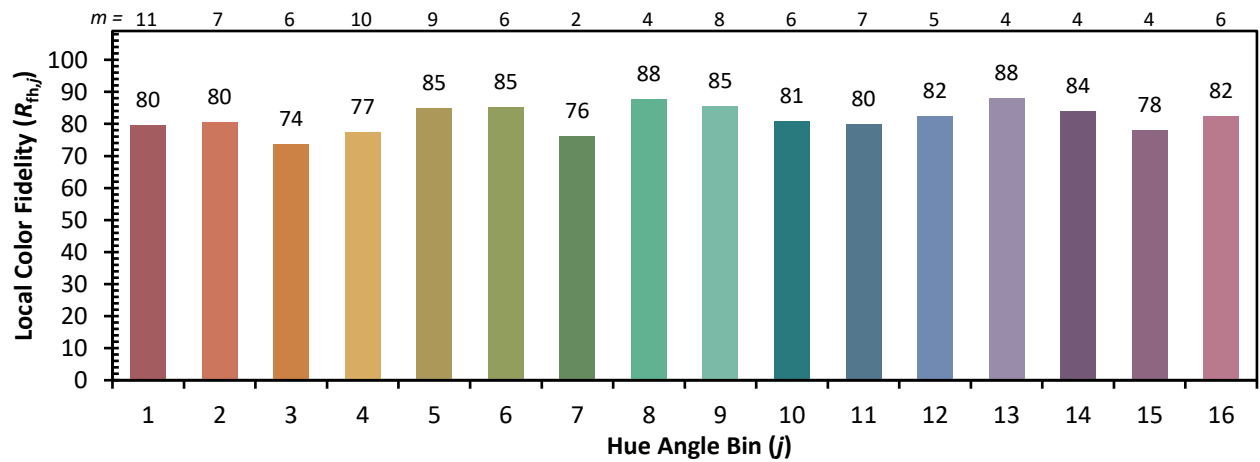
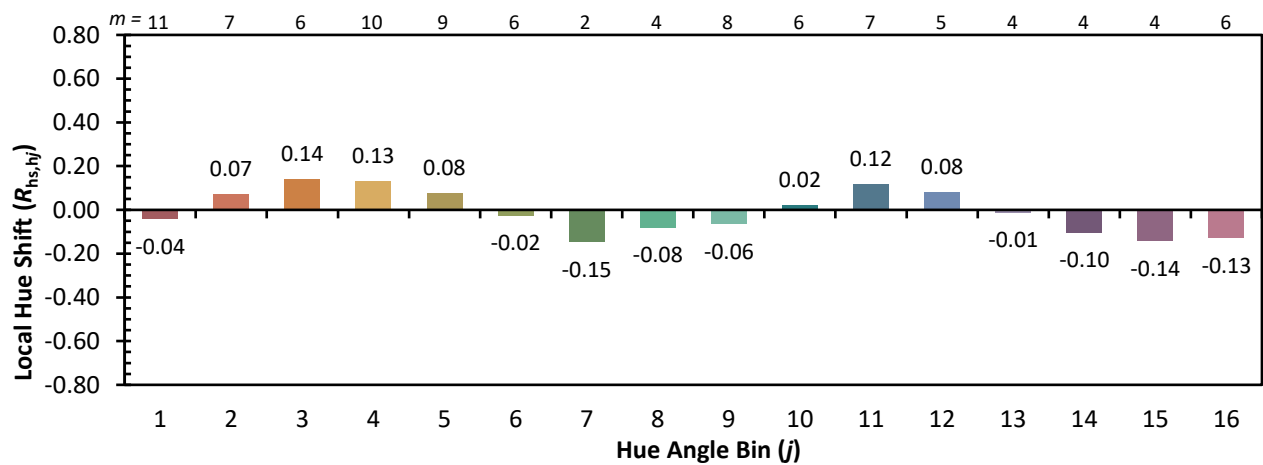
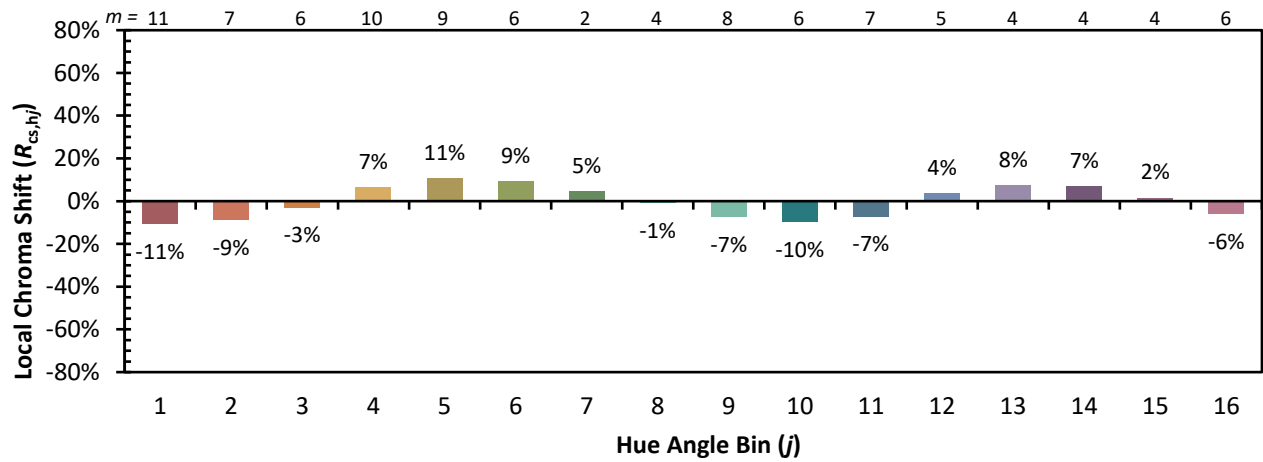


Individual Sample Fidelity Index ($R_{f,i}$)

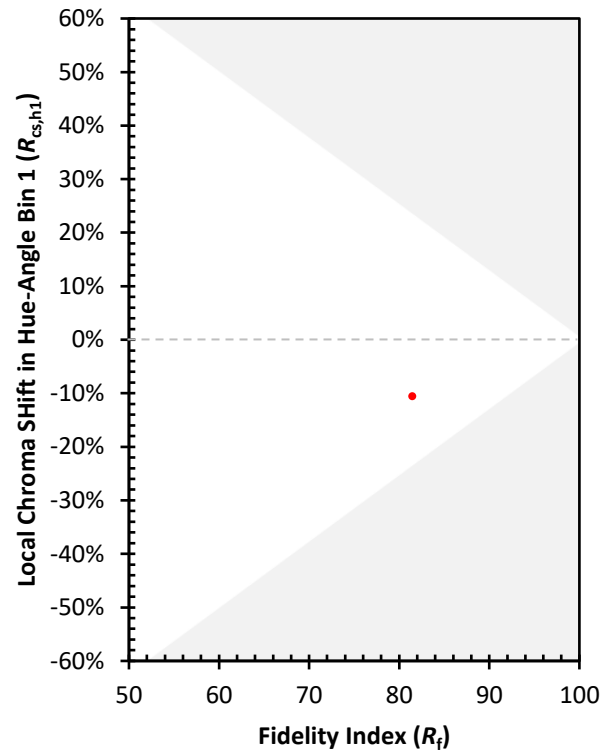
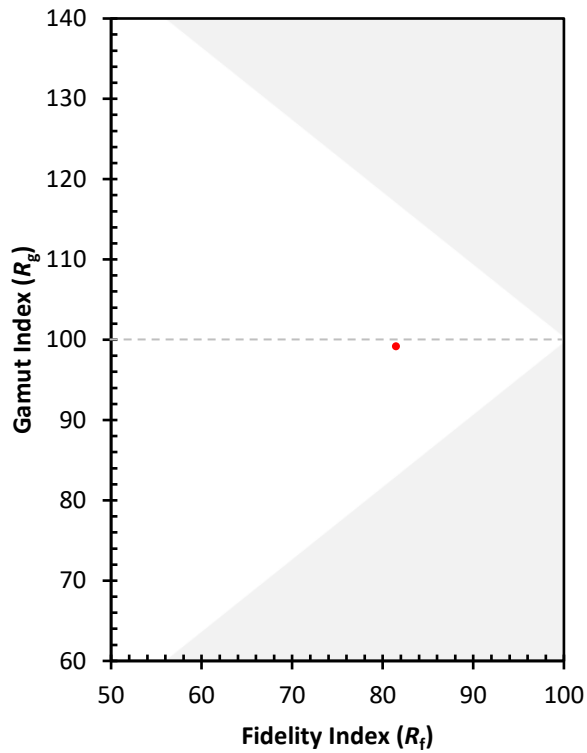
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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