

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: P1047322

Luminaire Tested: **GALN-SA6B-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047322
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25143.9 lumens
Efficiency: N/A
Efficacy: 117.6 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): 213.8
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

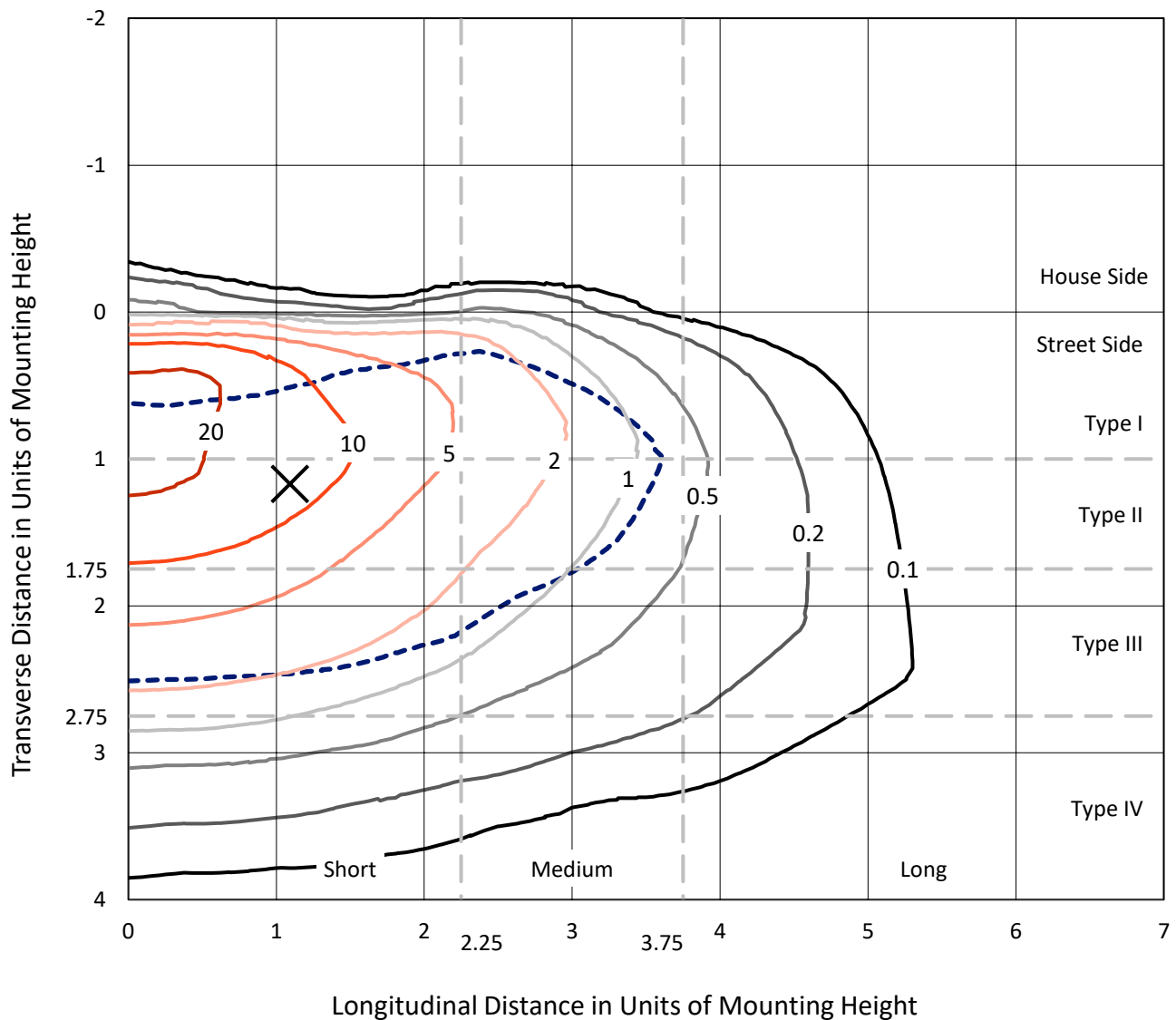


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CATALOG NUMBER: GALN-SA6B-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

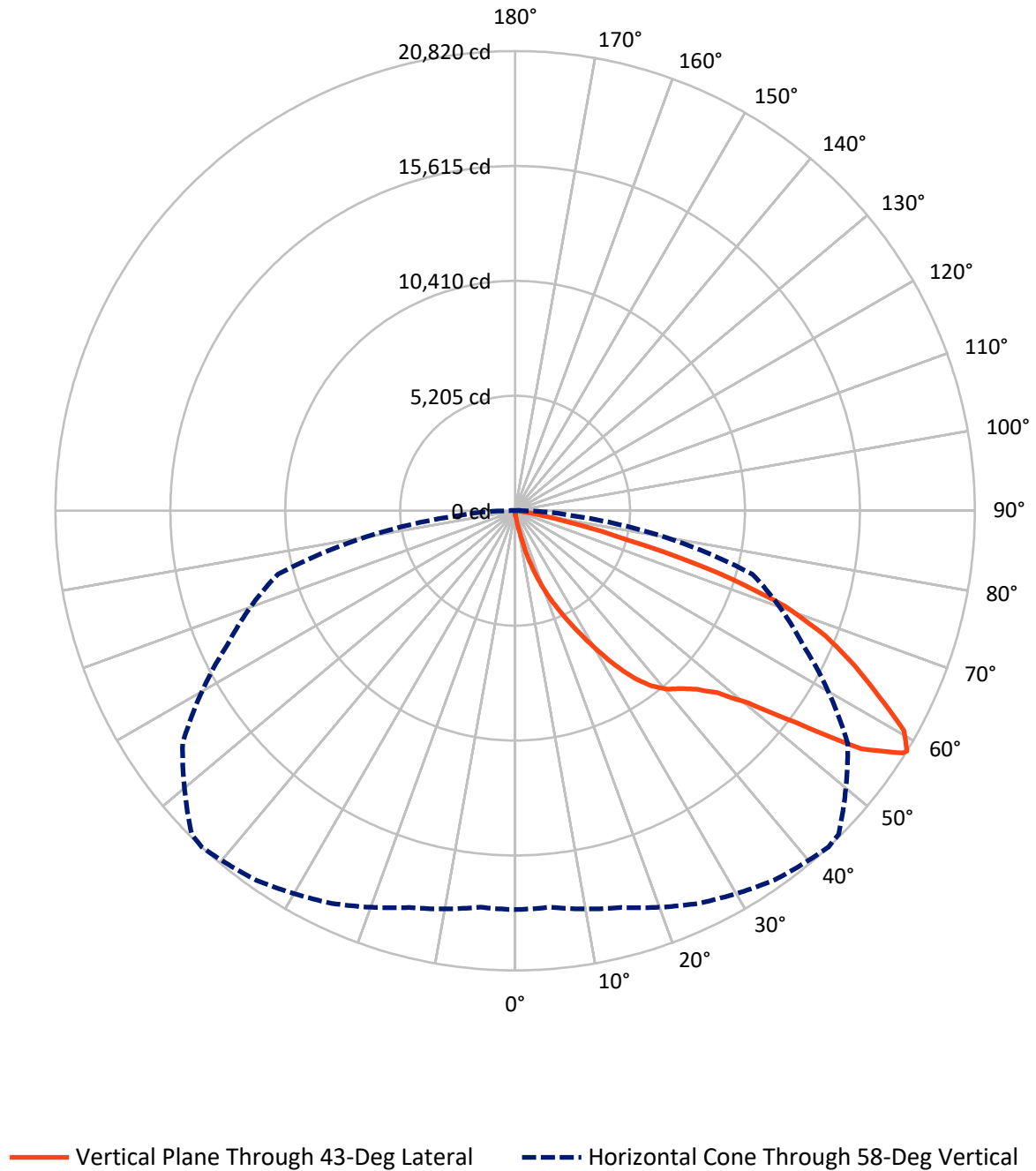


Based on 15 foot mounting height. Maximum calculated value = 28.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	91.8	0.0	91.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25052.1	0.0	25052.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	25143.9	0.0	25143.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	0.1
10°-20°	289.0	1.1
20°-30°	1041.7	4.1
30°-40°	2383.5	9.5
40°-50°	4020.0	16.0
50°-60°	6634.0	26.4
60°-70°	7414.3	29.5
70°-80°	3061.3	12.2
80°-90°	276.0	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°	25143.9	100.0
0°-180°	25143.9	100.0



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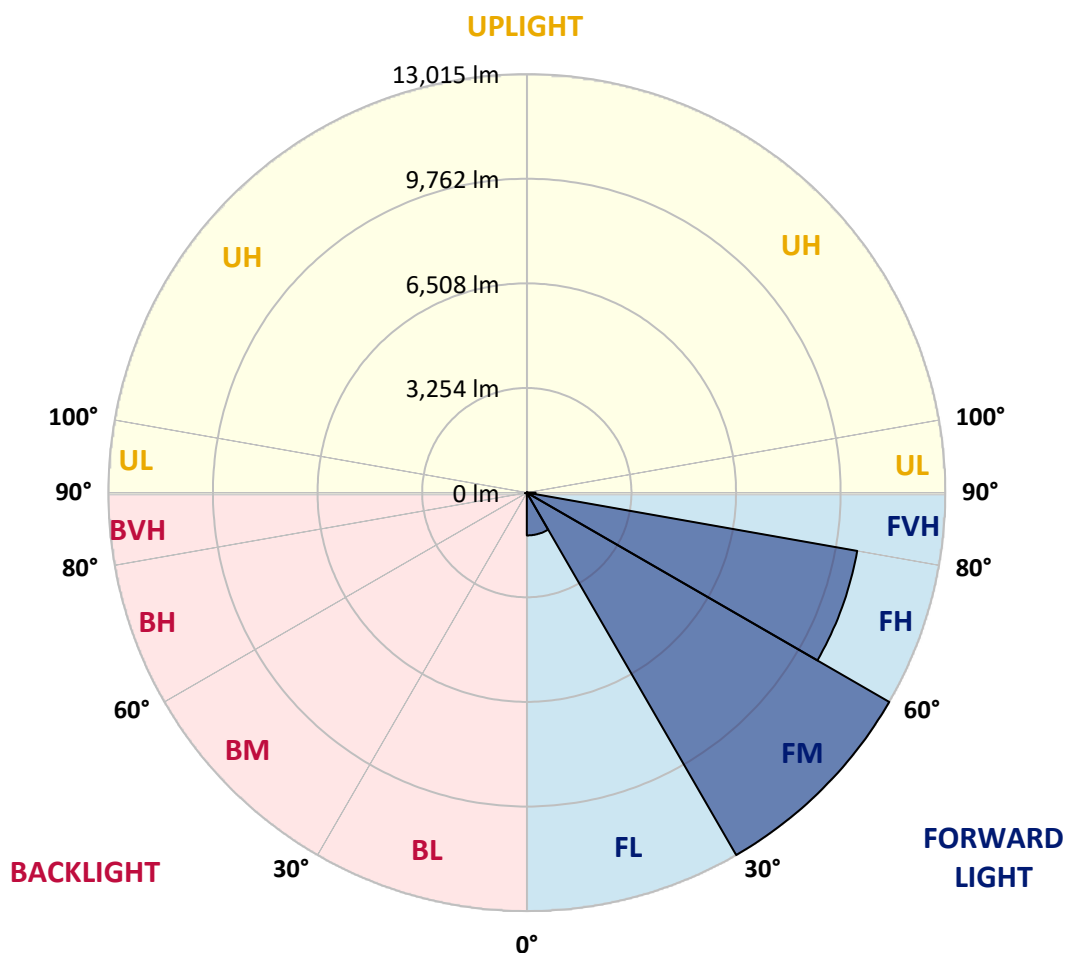
CATALOG NUMBER: GALN-SA6B-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1330.9	5.3			
FM	(30°-60°)	13015.4	51.8			
FH	(60°-80°)	10433.5	41.5			G4/12000
FVH	(80°-90°)	272.2	1.1			G3/500
BL	(0°-30°)	23.9	0.1	B0/110		
BM	(30°-60°)	22.0	0.1	B0/220		
BH	(60°-80°)	42.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	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°	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4
2.5°	197.3	203.9	197.3	197.3	197.3	190.7	190.7	184.1	184.1	177.6	171.0
5°	289.4	289.4	269.6	256.5	243.3	236.7	230.2	217.0	203.9	190.7	177.6
7.5°	644.5	644.5	585.3	506.4	401.1	342.0	328.8	269.6	230.2	203.9	177.6
10°	1538.8	1538.8	1407.3	1190.3	920.7	683.9	611.6	388.0	276.2	217.0	184.1
12.5°	2558.1	2591.0	2426.6	2150.4	1749.3	1335.0	1190.3	710.2	368.3	236.7	184.1
15°	3472.2	3393.3	3347.3	3084.2	2702.8	2209.6	2025.5	1196.9	532.7	269.6	184.1
17.5°	4090.4	4090.4	4024.6	3847.1	3498.5	3064.5	2913.2	1933.4	861.5	309.1	190.7
20°	4813.7	4813.7	4695.4	4570.4	4261.3	3893.1	3748.4	2748.8	1335.0	394.6	190.7
22.5°	5688.4	5701.5	5570.0	5346.4	5050.5	4642.8	4517.8	3505.1	1933.4	526.1	197.3
25°	6753.7	6766.9	6576.2	6365.7	5912.0	5471.4	5280.7	4373.1	2663.3	736.5	197.3
27.5°	7930.8	8022.9	7740.1	7378.4	6898.4	6346.0	6201.3	5155.7	3386.7	1039.0	210.4
30°	9397.3	9397.3	9022.5	8516.1	7996.6	7312.7	7128.6	5977.7	4156.1	1440.2	223.6
32.5°	10659.9	10561.3	10081.2	9548.6	8996.2	8358.3	8161.0	6839.2	4945.3	1940.0	249.9
35°	11626.6	11541.2	10949.3	10377.2	9897.1	9311.8	9075.1	7773.0	5780.4	2505.5	289.4
37.5°	12455.2	12422.4	11620.1	10903.3	10587.6	10074.7	9864.2	8654.2	6602.5	3117.1	335.4
40°	13362.7	13257.5	12402.6	11514.8	11041.4	10627.1	10436.4	9364.4	7391.6	3833.9	401.1
42.5°	14138.7	14013.8	13244.4	12376.3	11567.5	11008.5	10824.4	9962.9	8161.0	4550.7	486.6
45°	15000.2	14934.4	14158.5	13500.8	12422.4	11528.0	11284.7	10442.9	8864.7	5405.6	598.4
47.5°	16295.7	16177.3	15454.0	14914.7	13665.3	12317.1	11968.6	10936.1	9542.0	6247.3	769.4
50°	17801.7	17722.7	17295.3	16867.8	15624.9	13665.3	13251.0	11646.4	10298.3	7246.9	993.0
52.5°	19031.4	19018.2	19070.9	19077.4	18137.0	15934.0	15315.9	12790.6	11166.3	8233.3	1308.7
55°	19005.1	19064.3	19643.0	20307.2	20379.5	19031.4	18433.0	14717.4	12297.4	9449.9	1749.3
57.5°	18294.9	18248.8	18860.4	19860.0	20563.6	20708.3	20609.7	17709.6	14000.6	10916.4	2426.6
58°	18064.7	18025.2	18603.9	19623.2	20432.1	20820.1	20721.5	18386.9	14382.1	11126.9	2610.7
60°	17229.5	17236.1	17578.1	18505.3	19314.2	20234.8	20326.9	20320.3	16282.6	12534.2	3538.0
62.5°	16124.7	16072.1	16387.8	17144.0	17854.3	18472.4	18630.2	20451.8	19064.3	14322.9	5307.0
65°	14599.1	14520.2	14855.5	15710.4	16473.3	16874.4	16881.0	18689.4	20372.9	16243.1	7832.2
67.5°	11764.7	11699.0	12369.7	13468.0	14645.1	15171.2	15407.9	16216.8	19268.1	17545.2	9279.0
70°	7207.5	7345.6	8279.4	10002.3	12014.6	12981.3	13336.4	13586.3	16407.5	17347.9	7759.9
72.5°	3327.5	3163.1	3958.8	5162.3	7457.4	9607.8	9976.0	10955.9	13007.6	15059.4	5787.0
75°	1552.0	1492.8	1676.9	2255.6	3380.1	5188.6	5859.4	8746.3	9976.0	10475.8	4175.9
77.5°	795.7	802.3	953.5	1025.9	1394.1	2400.3	2755.4	5754.1	7312.7	5846.2	2801.4
80°	348.5	361.7	368.3	401.1	565.5	927.2	1045.6	2669.9	4997.9	2979.0	1532.2
82.5°	223.6	230.2	230.2	230.2	269.6	368.3	420.9	1071.9	2492.4	1479.6	473.5
85°	118.4	118.4	131.5	164.4	190.7	223.6	236.7	342.0	822.0	440.6	111.8
87.5°	65.8	72.3	78.9	98.6	124.9	151.3	164.4	236.7	315.7	302.5	26.3
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: P1047322

CATALOG NUMBER: GALN-SA6B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4
2.5°	171.0	164.4	157.8	151.3	144.7	138.1	138.1	138.1	138.1	138.1	138.1
5°	164.4	157.8	151.3	138.1	124.9	118.4	111.8	105.2	105.2	105.2	105.2
7.5°	164.4	157.8	138.1	124.9	111.8	98.6	85.5	85.5	85.5	85.5	85.5
10°	164.4	151.3	131.5	111.8	92.1	78.9	72.3	65.8	65.8	65.8	65.8
12.5°	164.4	144.7	124.9	98.6	78.9	65.8	59.2	52.6	52.6	52.6	52.6
15°	164.4	144.7	118.4	92.1	72.3	52.6	46.0	39.5	39.5	39.5	39.5
17.5°	157.8	138.1	111.8	78.9	59.2	39.5	32.9	26.3	26.3	32.9	32.9
20°	151.3	131.5	98.6	65.8	46.0	32.9	19.7	19.7	19.7	19.7	19.7
22.5°	151.3	131.5	92.1	59.2	39.5	19.7	13.2	13.2	13.2	13.2	19.7
25°	151.3	124.9	78.9	46.0	26.3	13.2	6.6	6.6	6.6	6.6	6.6
27.5°	151.3	124.9	72.3	39.5	19.7	13.2	6.6	0.0	0.0	0.0	0.0
30°	144.7	118.4	65.8	32.9	13.2	6.6	0.0	0.0	0.0	0.0	0.0
32.5°	144.7	111.8	52.6	26.3	13.2	6.6	0.0	0.0	0.0	0.0	0.0
35°	151.3	105.2	46.0	19.7	6.6	0.0	0.0	0.0	0.0	0.0	6.6
37.5°	157.8	98.6	39.5	13.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	164.4	92.1	39.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	177.6	92.1	32.9	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	190.7	92.1	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	217.0	98.6	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	236.7	105.2	19.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	263.0	98.6	19.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	295.9	98.6	19.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	322.2	92.1	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	335.4	85.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	401.1	78.9	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	624.7	65.8	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1269.2	59.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2367.4	52.6	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2650.2	59.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1670.3	46.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	881.2	46.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	440.6	46.0	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	203.9	32.9	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	85.5	19.7	13.2	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	39.5	19.7	13.2	13.2	6.6	6.6	0.0	0.0	0.0	0.0	0.0
87.5°	19.7	19.7	19.7	13.2	13.2	6.6	6.6	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

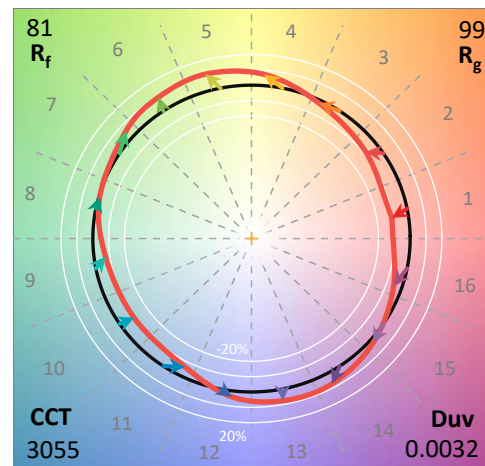
Test Information

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

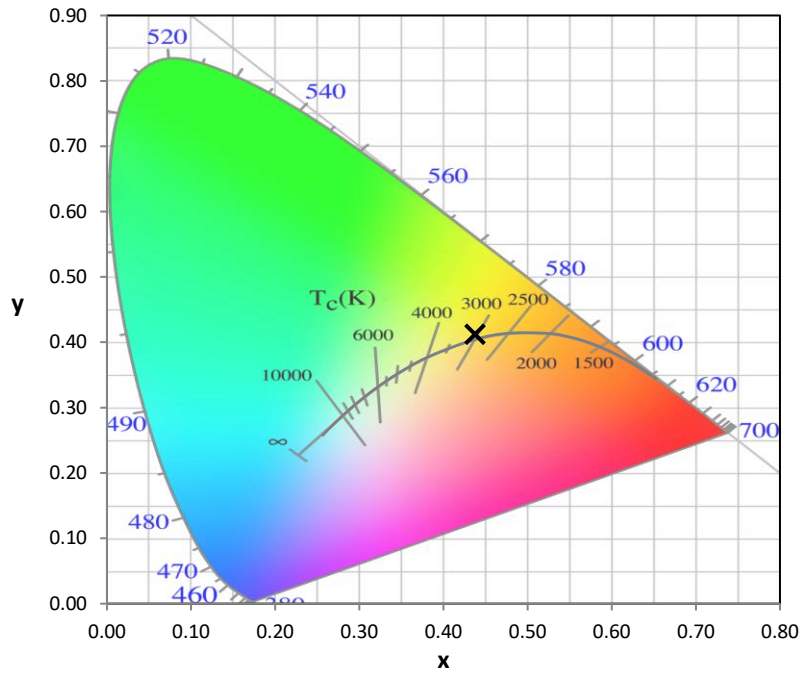
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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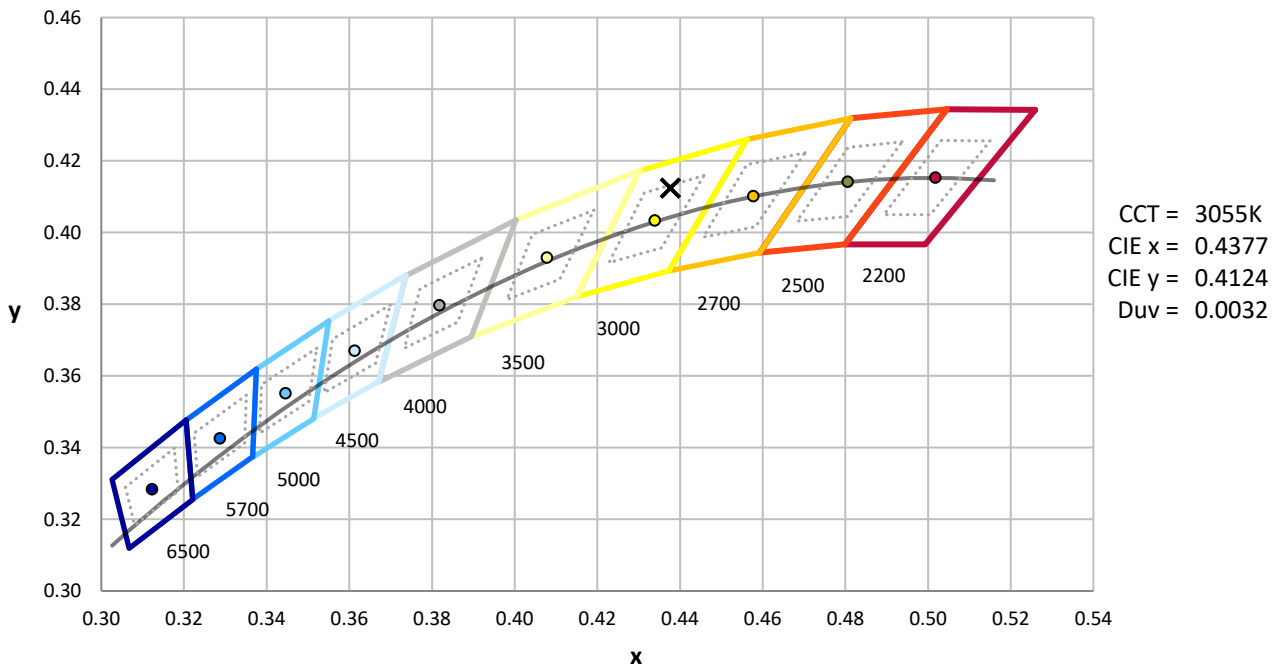
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



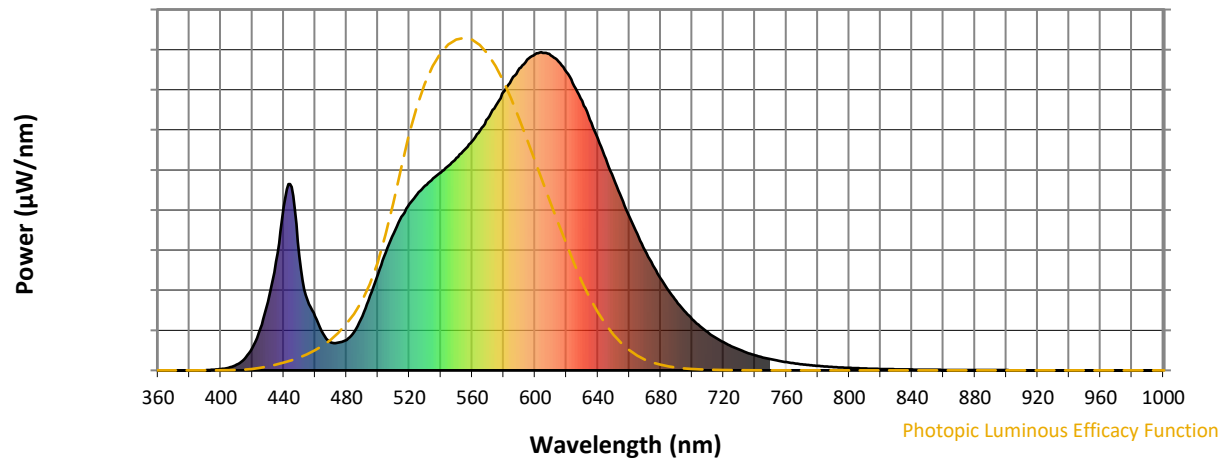
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

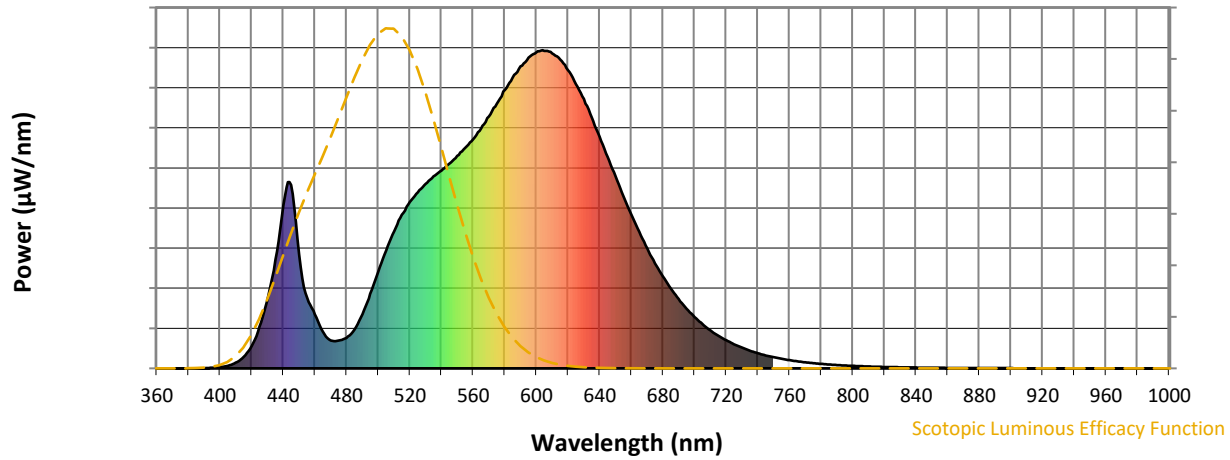


Photopic Lumens: NR

λ (nm)	Power W ^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



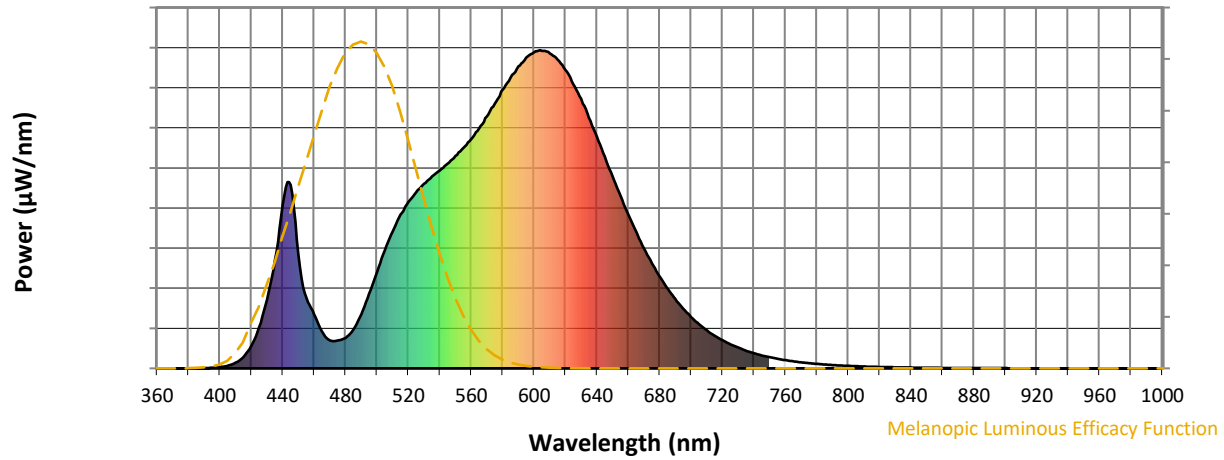
Scotopic Lumens: NR

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

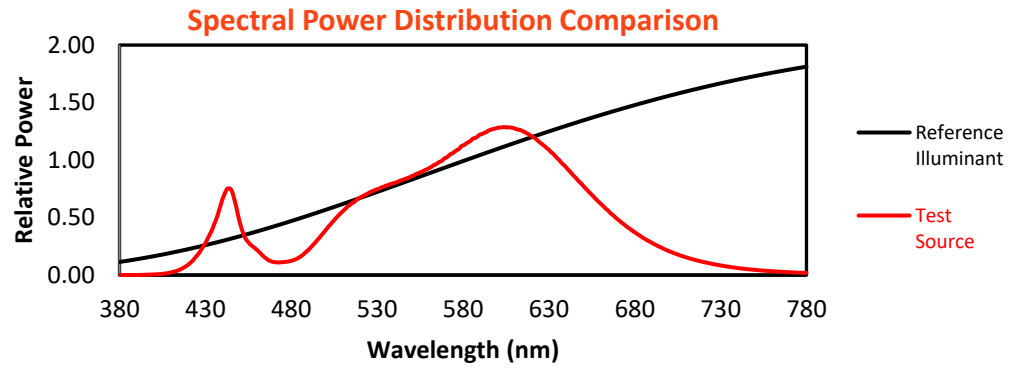
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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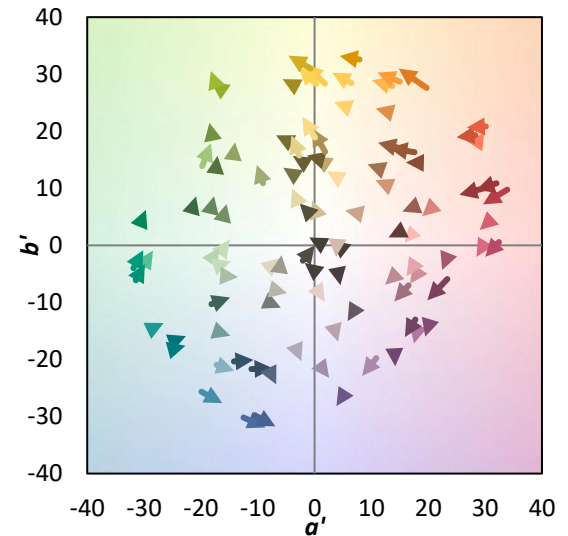
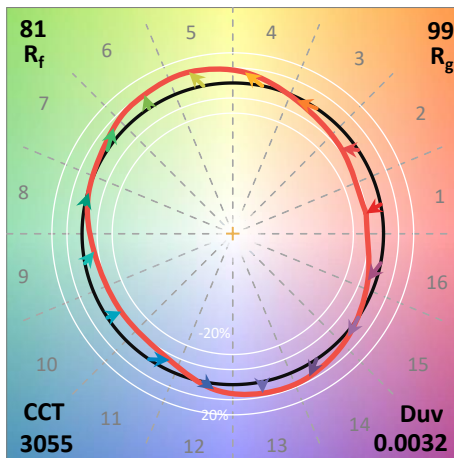
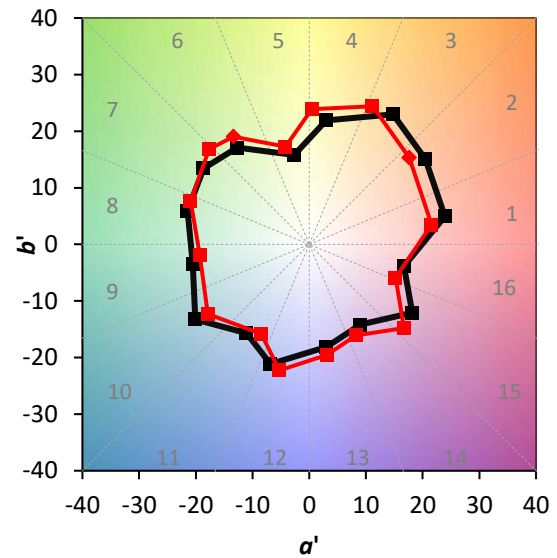
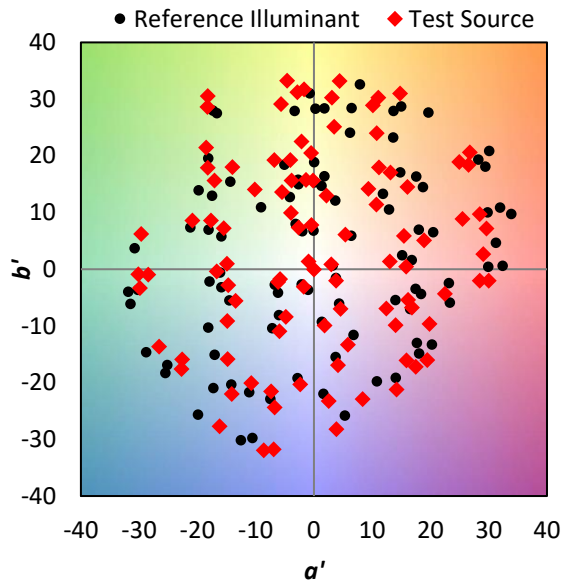
TM-30-18

Summary

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

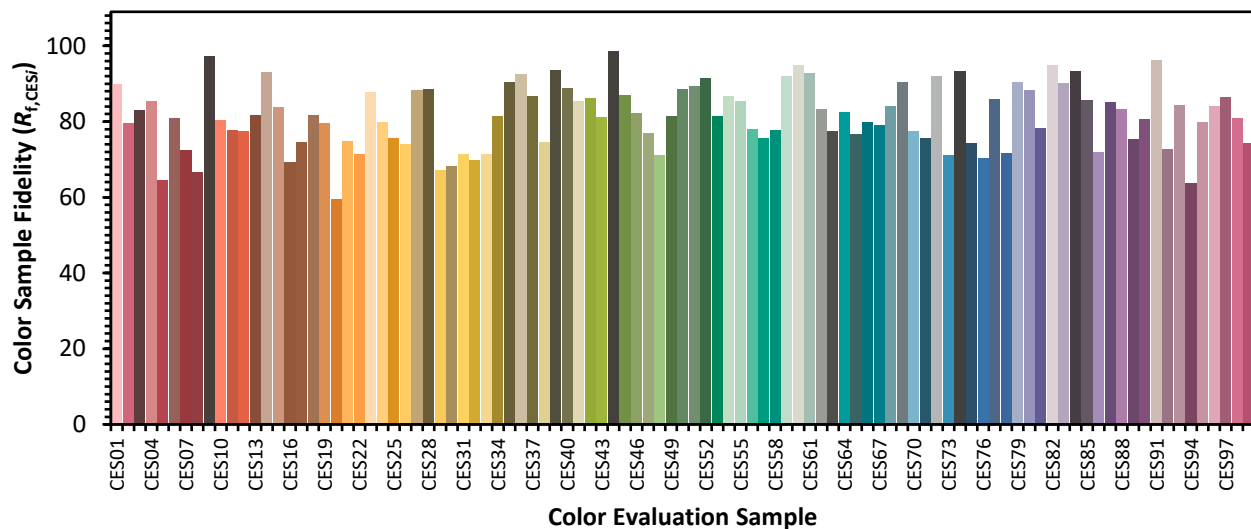


Color Vector Graphics

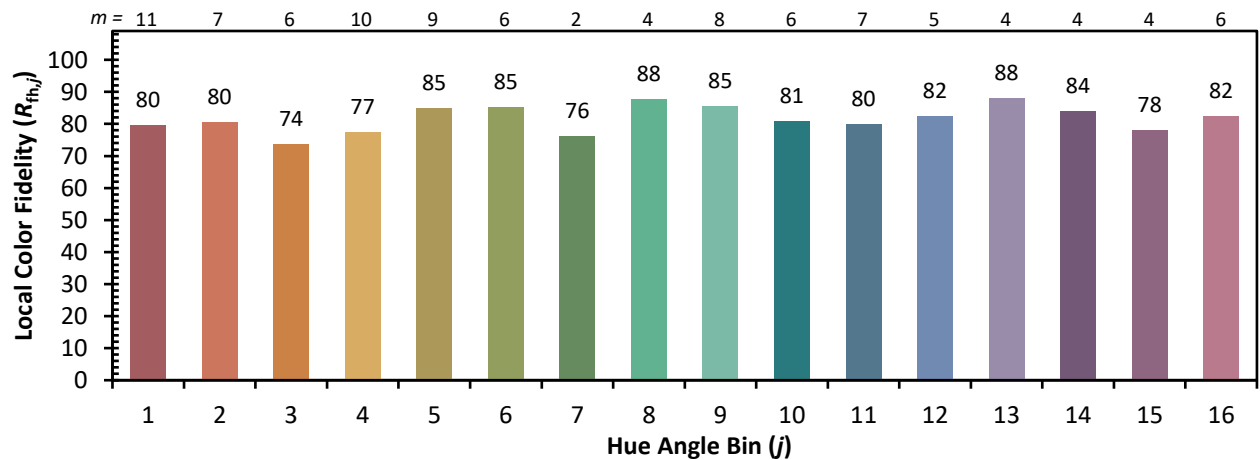
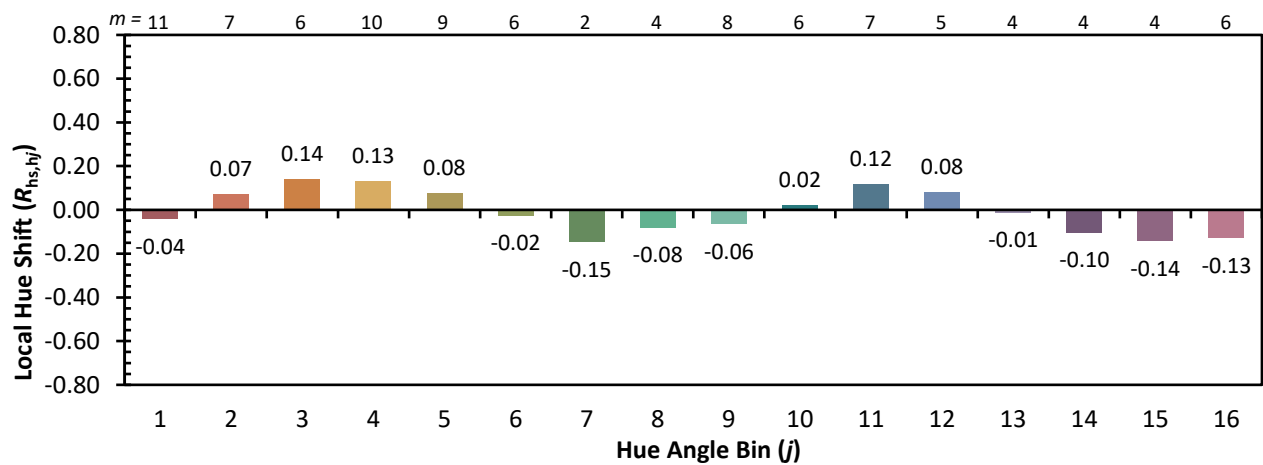
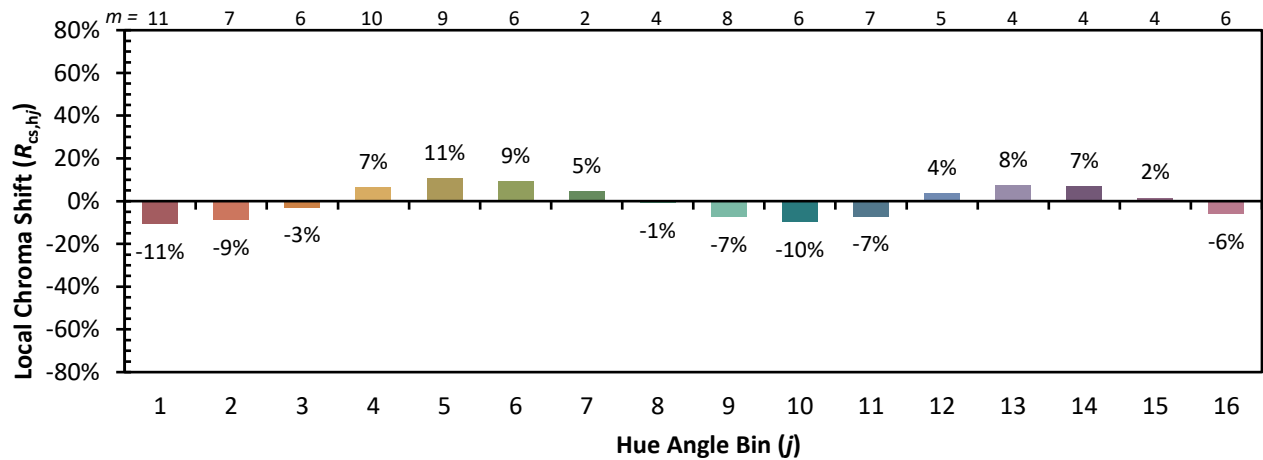


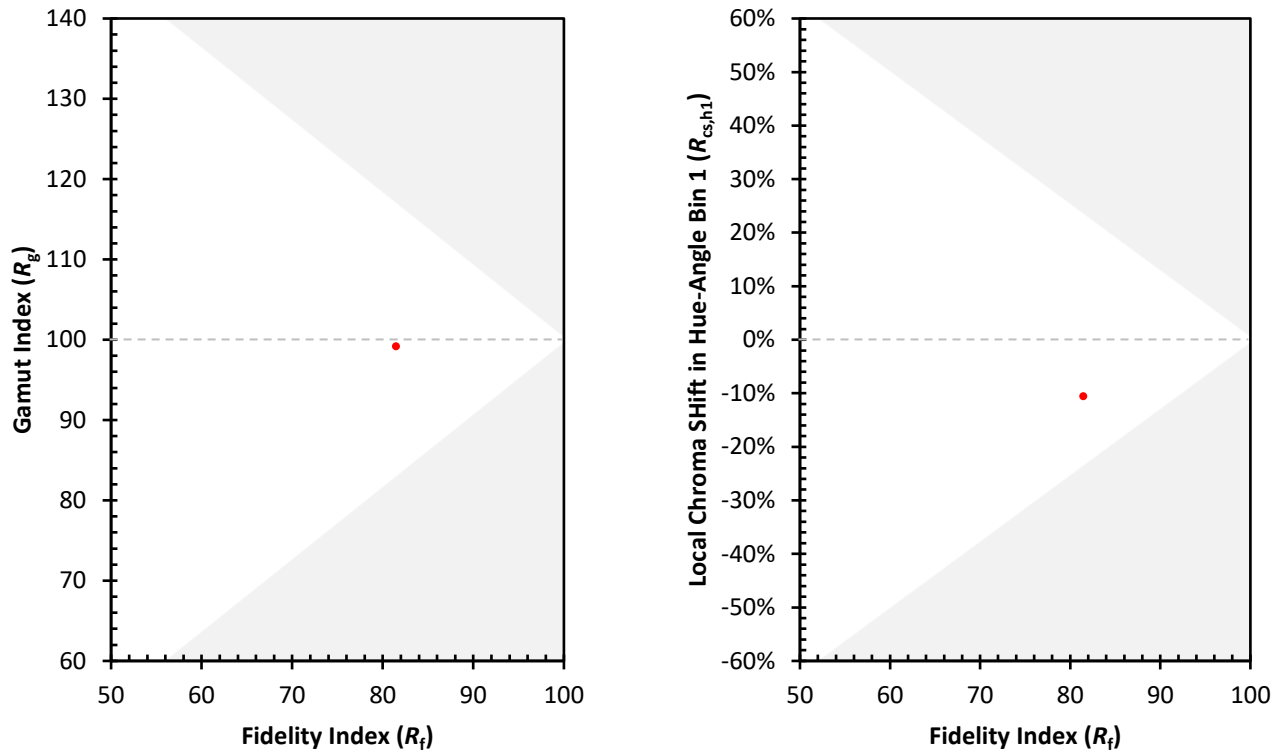
Individual Sample Fidelity Index ($R_{f,i}$)

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)