

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: P1047894

Luminaire Tested: **GALN-SA5B-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047894
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19108.8 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

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

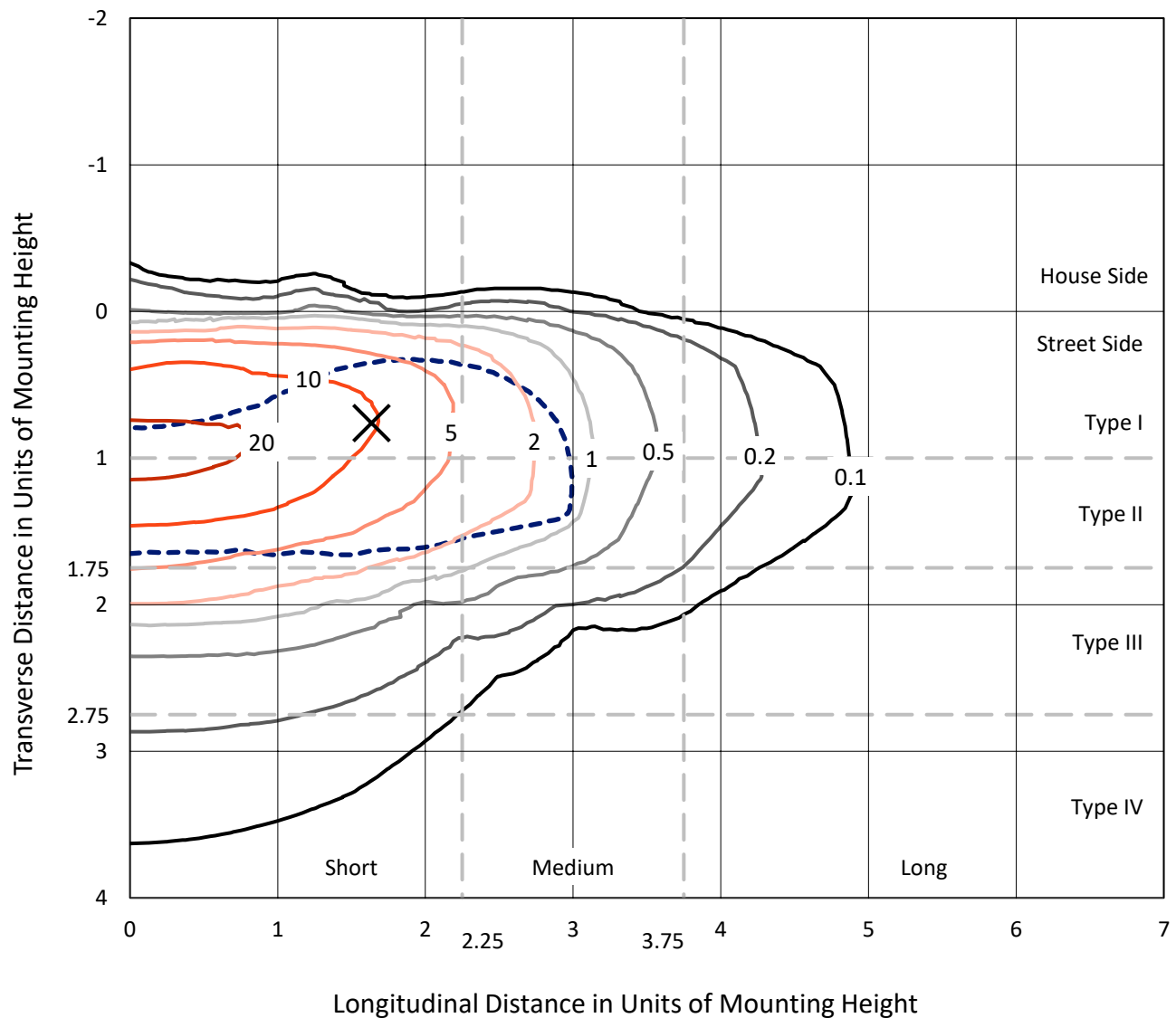


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

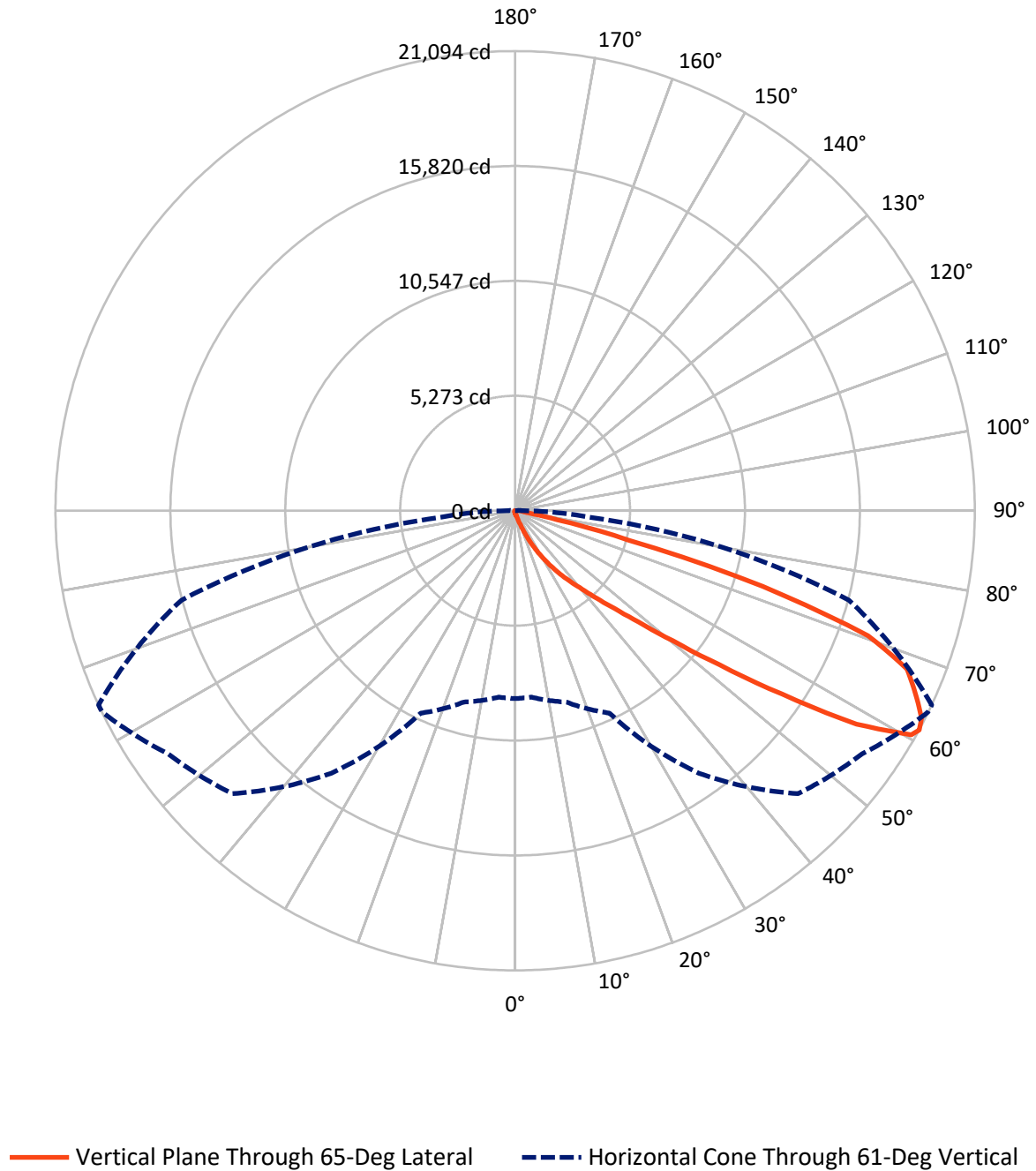


Based on 15 foot mounting height. Maximum calculated value = 25.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.6	0.0	81.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19027.3	0.0	19027.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	19108.8	0.0	19108.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.9	0.1
10°-20°	157.1	0.8
20°-30°	563.9	3.0
30°-40°	1501.4	7.9
40°-50°	3944.2	20.6
50°-60°	6110.3	32.0
60°-70°	5123.4	26.8
70°-80°	1507.7	7.9
80°-90°	186.0	1.0
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°	19108.8	100.0
0°-180°	19108.8	100.0



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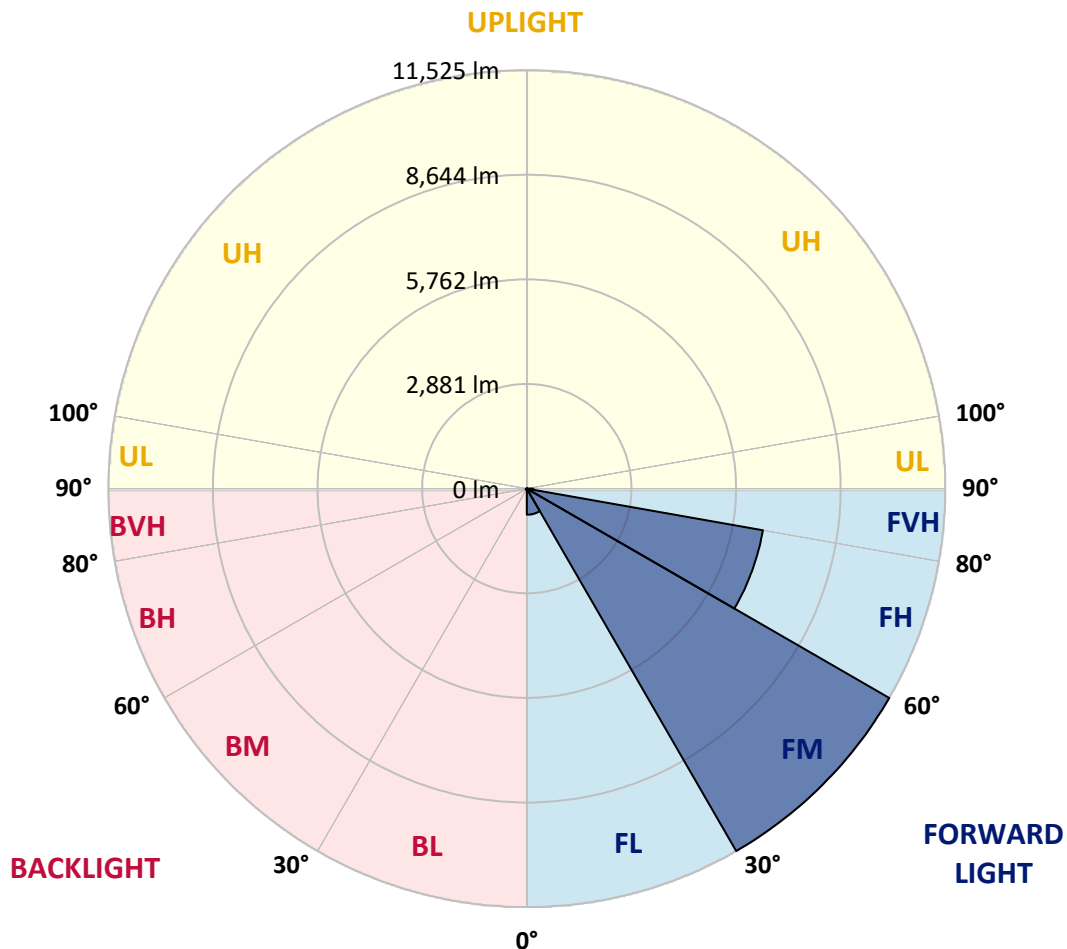
CATALOG NUMBER: GALN-SA5B-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	717.6	3.8			
FM	(30°-60°)	11524.8	60.3			
FH	(60°-80°)	6602.3	34.6			G3/7500
FVH	(80°-90°)	182.5	1.0			G2/225
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	31.0	0.2	B0/220		
BH	(60°-80°)	28.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
2.5°	142.0	143.3	140.6	135.4	131.4	131.4	130.1	126.2	126.2	122.2	119.6
5°	198.5	195.9	190.6	180.1	170.9	161.7	152.5	143.3	142.0	130.1	122.2
7.5°	324.7	327.3	310.2	277.4	249.8	214.3	181.4	161.7	159.1	139.3	123.6
10°	712.4	692.7	653.3	525.8	432.5	326.0	241.9	188.0	185.3	149.9	126.2
12.5°	1298.7	1282.9	1210.6	1079.2	838.6	583.6	353.6	232.7	224.8	159.1	127.5
15°	1871.8	1846.8	1807.4	1674.6	1393.3	1046.3	578.4	318.1	297.1	172.2	126.2
17.5°	2237.2	2241.2	2205.7	2149.2	1967.8	1548.5	999.0	474.5	433.8	195.9	123.6
20°	2556.7	2547.5	2567.2	2536.9	2409.4	2104.5	1453.8	751.9	682.2	234.0	124.9
22.5°	2924.7	2947.1	2961.5	2955.0	2814.3	2554.0	1970.4	1125.2	1037.1	303.6	128.8
25°	3417.7	3415.0	3416.3	3399.2	3262.5	2973.4	2488.3	1589.2	1499.8	416.7	138.0
27.5°	3934.2	3950.0	3956.6	3894.8	3716.0	3432.1	2968.1	2096.6	1991.4	598.1	149.9
30°	4640.1	4627.0	4596.7	4470.6	4253.7	3901.4	3441.3	2629.0	2518.5	851.8	168.3
32.5°	5591.8	5577.3	5424.9	5146.2	4821.5	4390.4	3917.2	3162.6	3028.6	1168.6	193.2
35°	7160.0	7182.3	6807.7	6086.0	5503.7	4977.9	4444.3	3693.7	3575.4	1559.0	227.4
37.5°	9561.5	9439.3	8930.6	7655.5	6401.5	5711.4	4947.7	4230.0	4127.5	2040.1	272.1
40°	11894.7	11773.8	11626.6	10418.6	7961.8	6519.8	5652.3	4859.6	4726.9	2583.0	337.8
42.5°	14347.6	14280.5	14274.0	13363.0	10809.0	7790.9	6500.1	5597.1	5484.0	3178.4	445.6
45°	16085.3	16018.3	16158.9	16318.0	14686.7	10514.5	7976.3	6555.3	6391.0	3901.4	617.8
47.5°	16319.3	16321.9	16697.9	17196.0	17568.0	14727.4	9942.7	7825.1	7625.3	4935.9	907.0
50°	15541.1	15571.3	16169.4	17060.7	18062.3	18262.1	13410.3	9668.0	9372.3	6162.3	1317.1
52.5°	14059.7	14093.9	14927.2	16392.9	17607.5	19111.2	17493.1	12078.8	11738.3	7692.3	1895.5
55°	12725.5	12746.5	13702.2	15554.3	17059.3	18649.9	19917.0	15297.9	14851.0	9574.7	2466.0
57.5°	11404.4	11355.8	11977.6	14097.8	16966.0	18083.3	20274.6	18966.6	18473.7	11631.8	2910.3
60°	9637.8	9556.3	10055.8	11404.4	15738.3	18455.3	19605.5	20996.2	20884.5	14496.1	3253.3
61°	8621.7	8587.5	9089.6	10246.4	14705.1	18360.7	19445.1	21081.6	21093.5	15851.3	3407.1
62.5°	6157.0	6254.3	7022.0	8525.7	12316.7	17746.8	19466.2	20817.4	20934.4	17652.2	3805.4
65°	2736.7	2893.2	3489.9	4713.7	7162.6	14762.9	19279.5	20237.8	20179.9	18146.4	5177.7
67.5°	1623.4	1647.0	1944.1	2671.0	3793.6	7940.8	17013.3	19471.4	19393.9	15797.4	6442.3
70°	1279.0	1290.8	1385.5	1676.0	2201.8	3041.7	9710.1	16846.4	17184.2	12809.6	6306.9
72.5°	1213.3	1210.6	1223.8	1275.0	1386.8	1509.0	3759.4	11198.1	11885.5	9225.0	5288.2
75°	1197.5	1192.2	1179.1	1159.4	1004.3	888.6	1164.6	4953.0	5351.3	6302.9	3981.6
77.5°	1162.0	1163.3	1165.9	1112.1	861.0	628.3	563.9	1589.2	1954.6	4000.0	2830.1
80°	786.1	797.9	817.6	796.6	774.2	454.8	398.3	565.2	573.1	2245.1	1869.2
82.5°	398.3	398.3	389.1	347.0	299.7	295.8	316.8	410.1	415.4	1135.7	879.4
85°	240.6	253.7	259.0	235.3	215.6	198.5	241.9	326.0	337.8	440.4	205.1
87.5°	53.9	55.2	60.5	80.2	117.0	159.1	224.8	298.4	303.6	282.6	25.0
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-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
2.5°	118.3	115.7	114.4	110.4	106.5	102.5	99.9	98.6	99.9	101.2	101.2
5°	117.0	113.0	106.5	99.9	94.6	89.4	84.1	82.8	82.8	84.1	84.1
7.5°	117.0	110.4	101.2	93.3	85.4	77.6	73.6	71.0	72.3	72.3	72.3
10°	117.0	109.1	97.3	85.4	76.2	67.0	60.5	57.8	57.8	57.8	57.8
12.5°	115.7	107.8	93.3	78.9	65.7	55.2	47.3	43.4	44.7	44.7	44.7
15°	113.0	103.8	88.1	67.0	52.6	42.1	34.2	30.2	31.5	34.2	35.5
17.5°	109.1	99.9	78.9	56.5	42.1	31.5	23.7	21.0	22.3	26.3	26.3
20°	107.8	96.0	69.7	46.0	31.5	22.3	15.8	13.1	14.5	19.7	21.0
22.5°	107.8	93.3	63.1	38.1	23.7	14.5	9.2	5.3	5.3	9.2	9.2
25°	109.1	92.0	57.8	31.5	17.1	10.5	5.3	2.6	5.3	14.5	17.1
27.5°	111.7	90.7	55.2	26.3	13.1	9.2	3.9	9.2	15.8	15.8	15.8
30°	114.4	88.1	51.3	22.3	11.8	6.6	6.6	13.1	13.1	15.8	17.1
32.5°	118.3	86.8	48.6	19.7	9.2	5.3	9.2	7.9	7.9	9.2	10.5
35°	126.2	88.1	46.0	19.7	9.2	6.6	7.9	3.9	2.6	2.6	2.6
37.5°	136.7	89.4	42.1	17.1	7.9	7.9	3.9	0.0	0.0	0.0	0.0
40°	153.8	93.3	39.4	15.8	6.6	6.6	1.3	0.0	0.0	0.0	0.0
42.5°	182.7	101.2	38.1	14.5	6.6	5.3	0.0	0.0	0.0	0.0	0.0
45°	240.6	119.6	35.5	13.1	6.6	2.6	0.0	0.0	0.0	0.0	0.0
47.5°	345.7	163.0	34.2	10.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	504.8	220.8	32.9	9.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	644.1	232.7	22.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	659.9	160.4	17.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	525.8	103.8	14.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	398.3	78.9	13.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	382.5	71.0	13.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	421.9	61.8	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	686.2	51.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1192.2	44.7	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1506.4	42.1	7.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1313.2	38.1	7.9	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	790.0	32.9	7.9	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	414.1	25.0	7.9	6.6	3.9	1.3	0.0	0.0	0.0	0.0	0.0
80°	201.1	22.3	9.2	6.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0
82.5°	78.9	18.4	10.5	9.2	6.6	3.9	1.3	0.0	0.0	0.0	0.0
85°	35.5	15.8	11.8	10.5	9.2	5.3	1.3	0.0	0.0	0.0	0.0
87.5°	18.4	14.5	13.1	11.8	9.2	6.6	2.6	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

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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

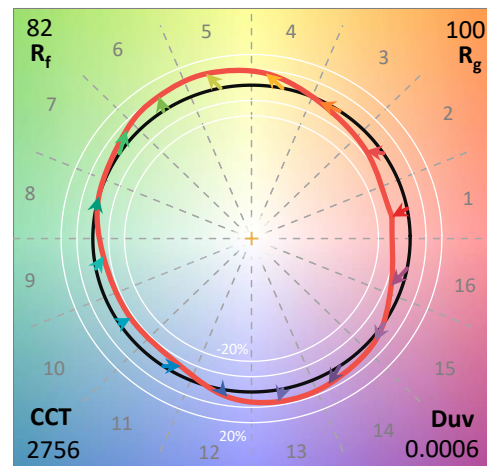
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

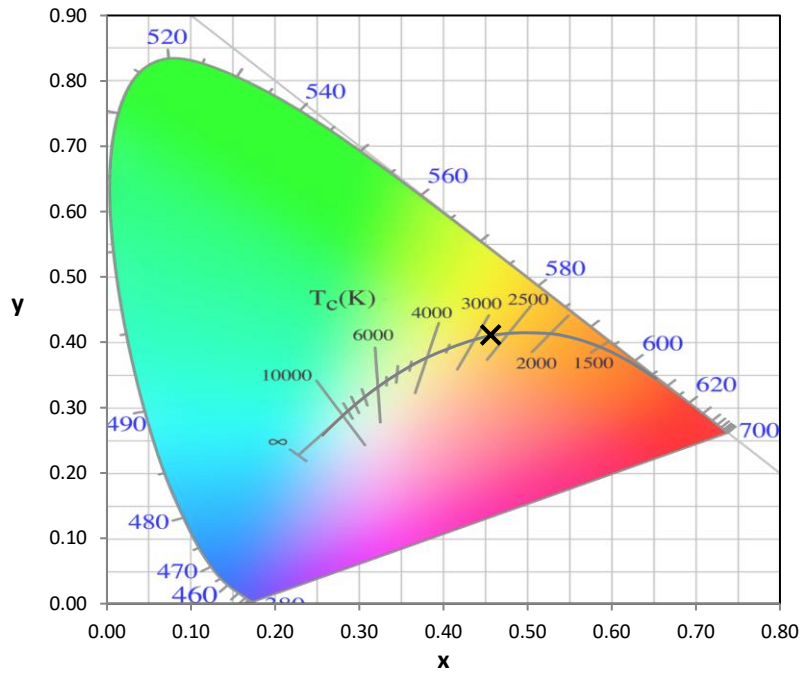
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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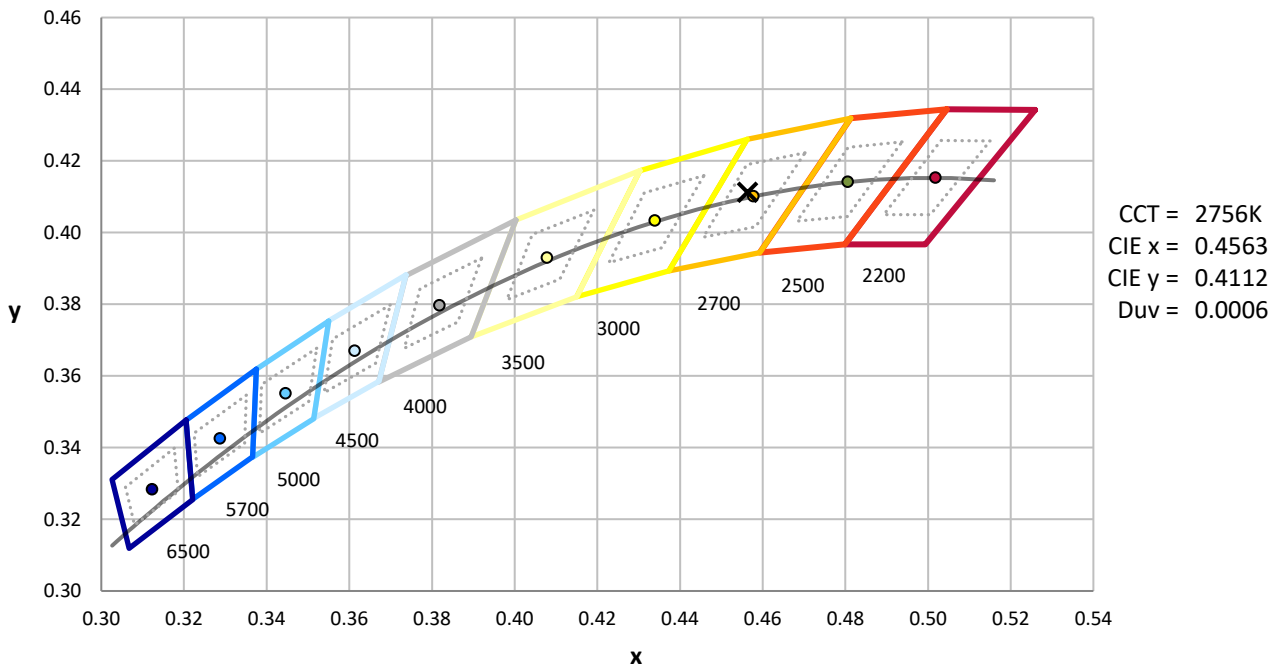
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



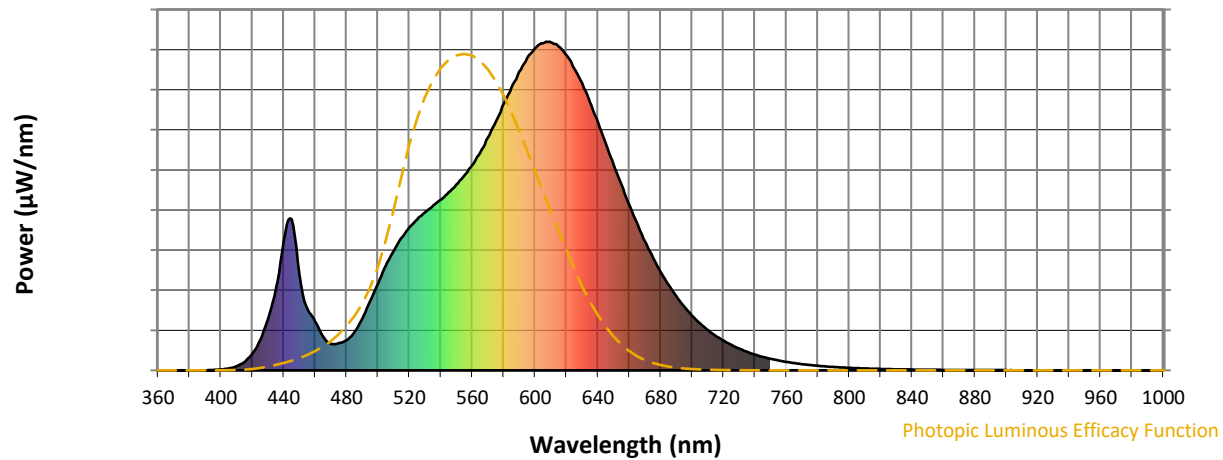
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

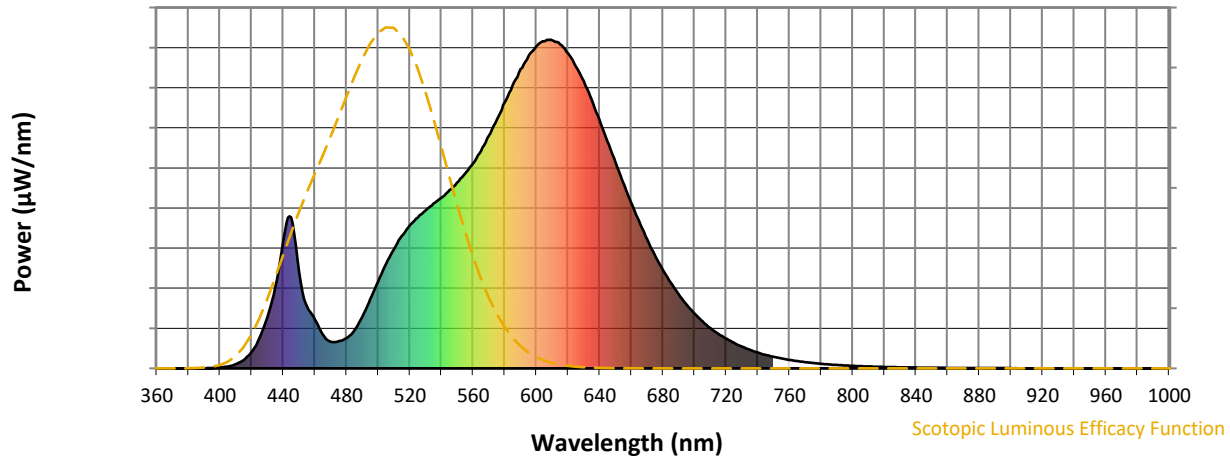


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



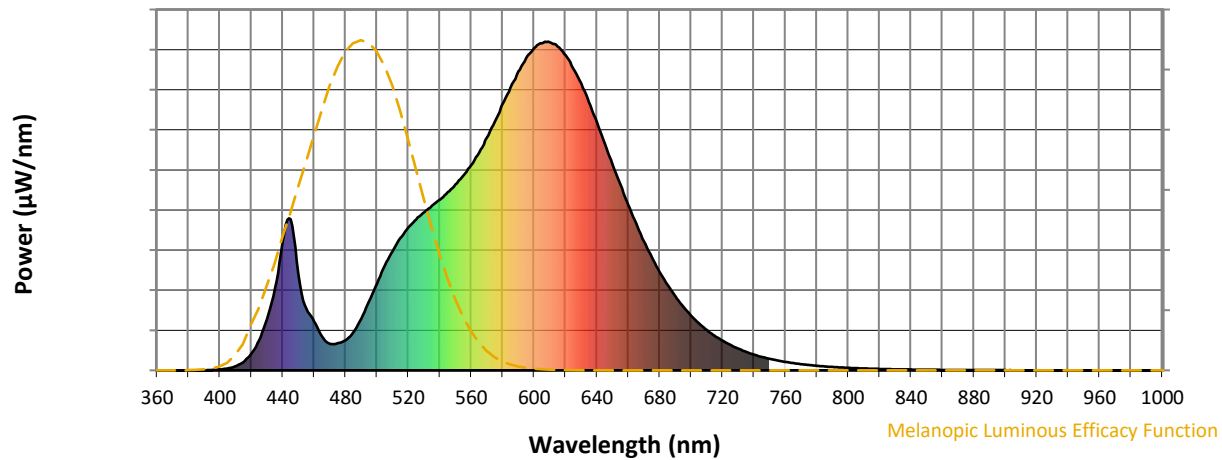
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

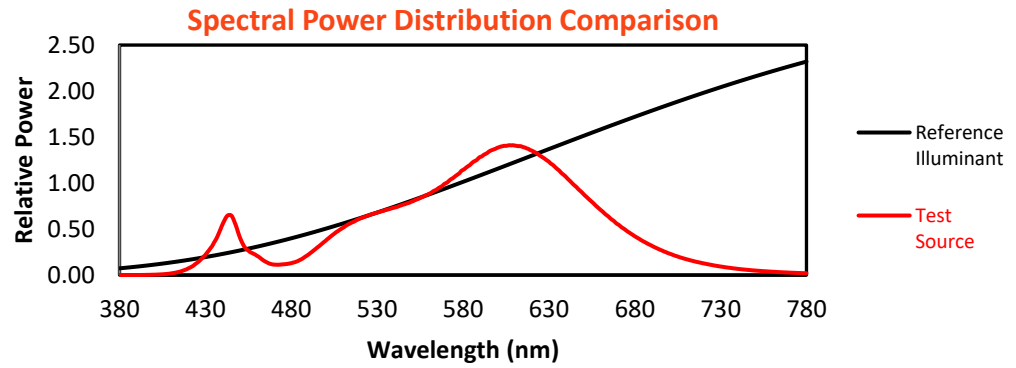
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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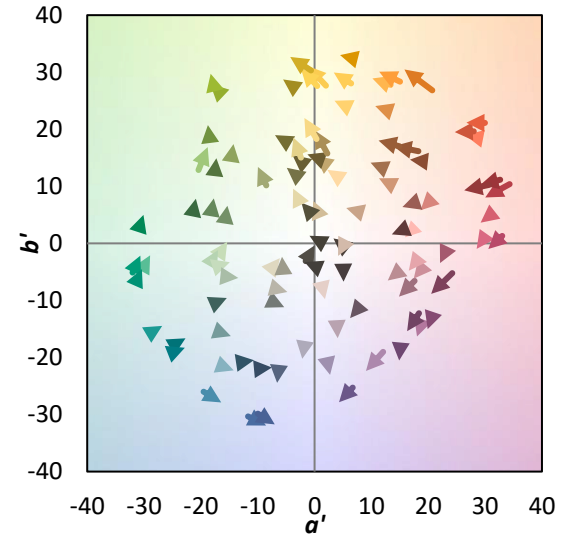
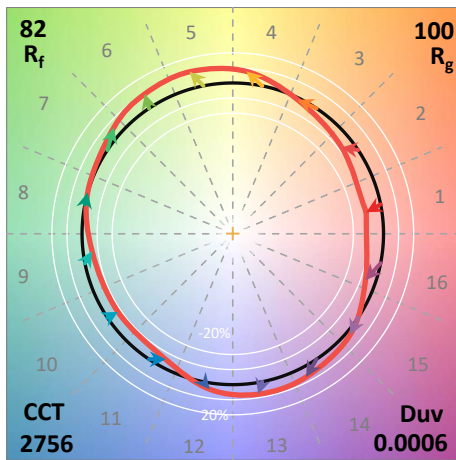
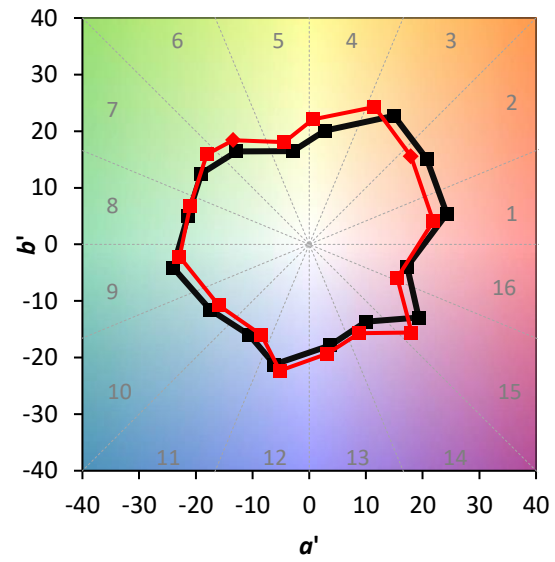
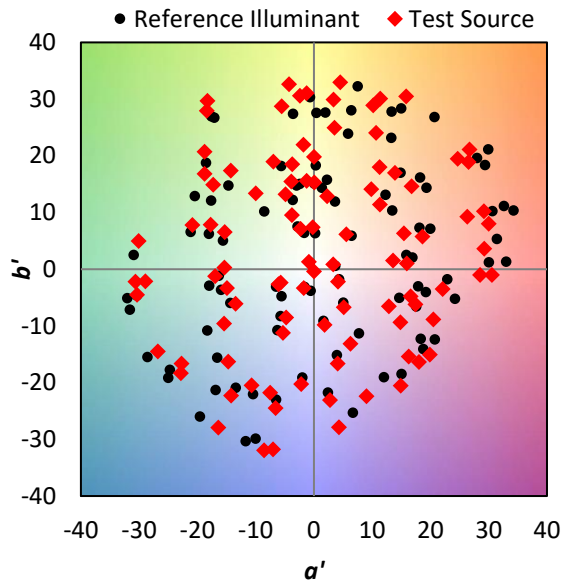
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

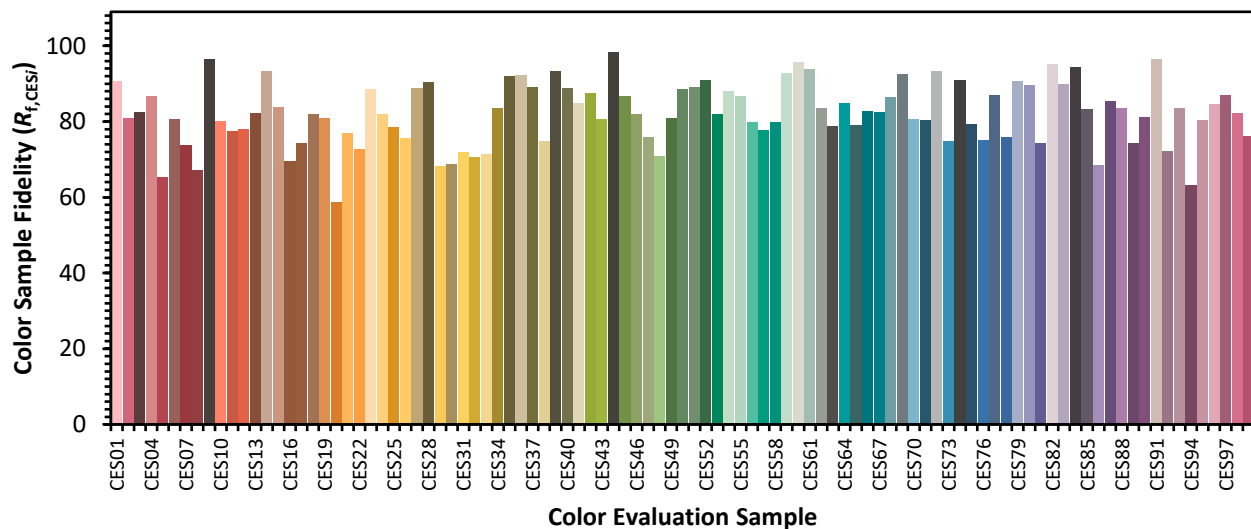


Color Vector Graphics

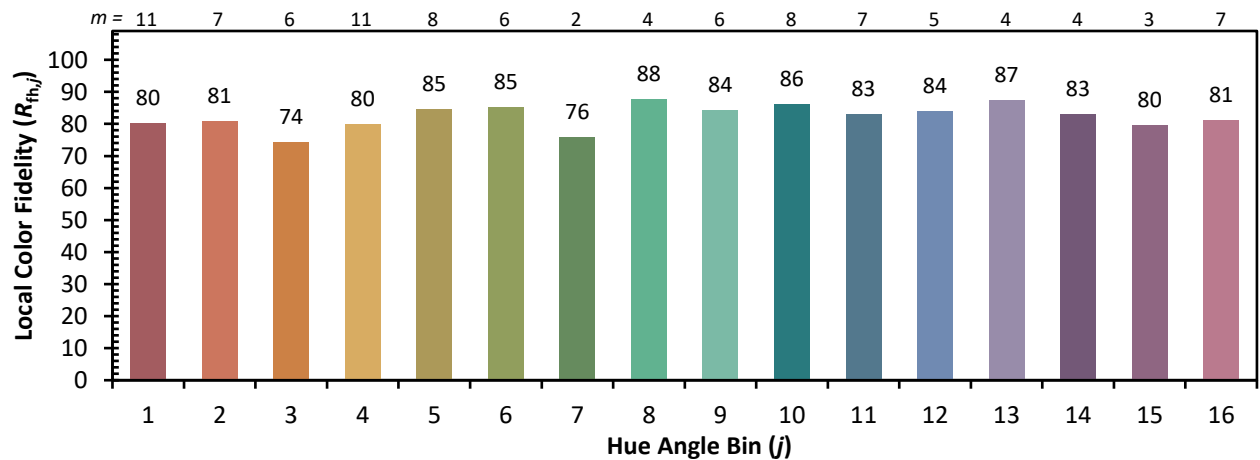
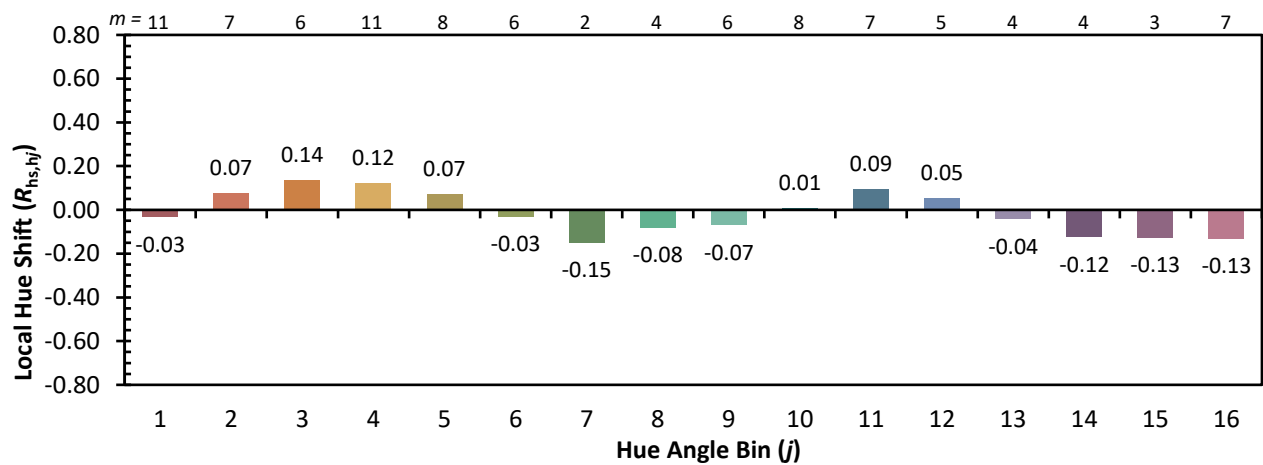
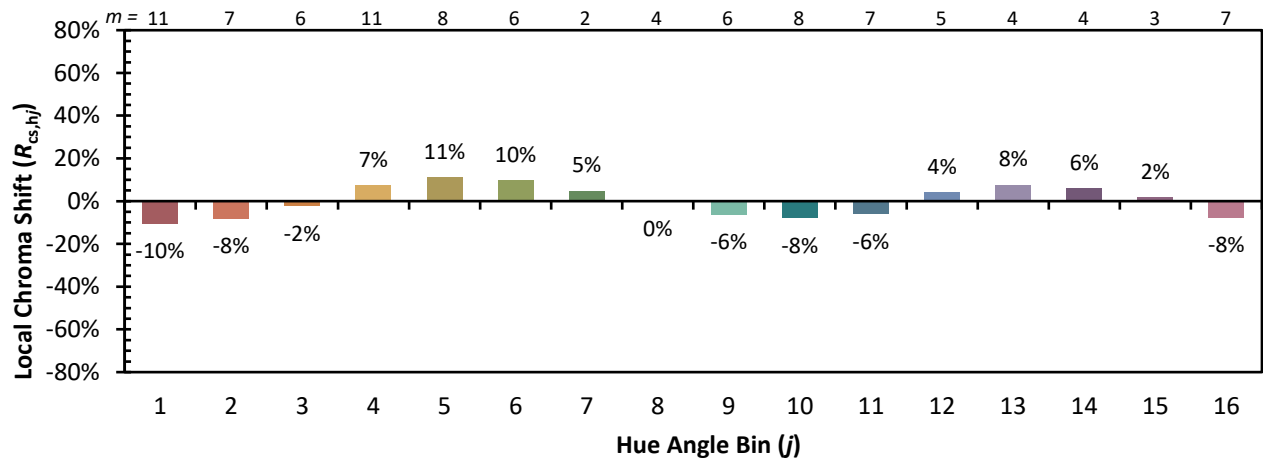


Individual Sample Fidelity Index ($R_{f,i}$)

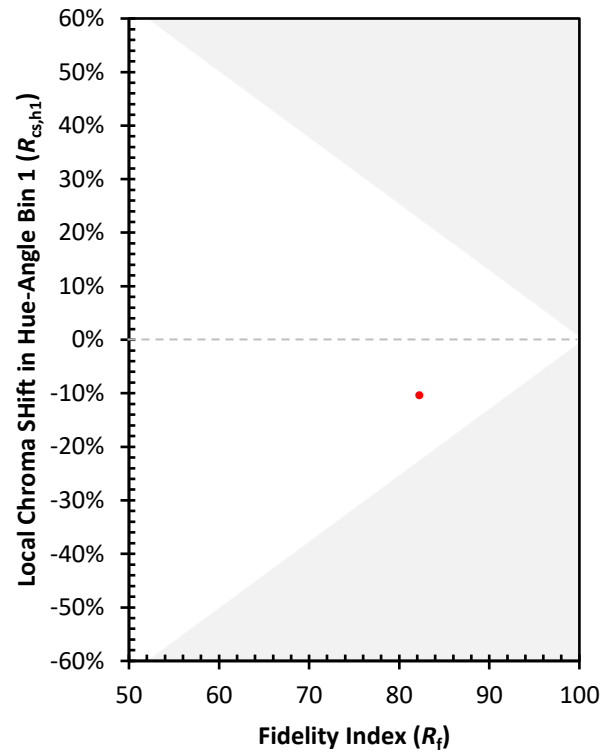
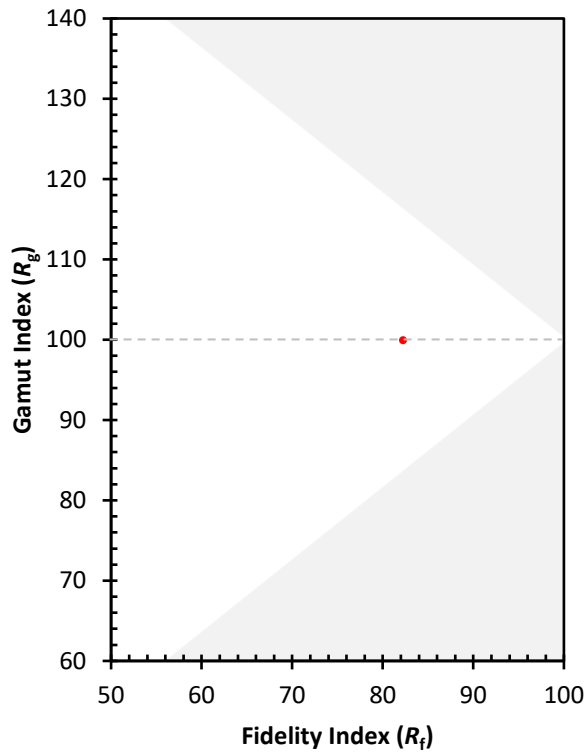
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)