

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: P1047901

Luminaire Tested: **GALN-SA7A-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047901
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21367.3 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 193.1
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

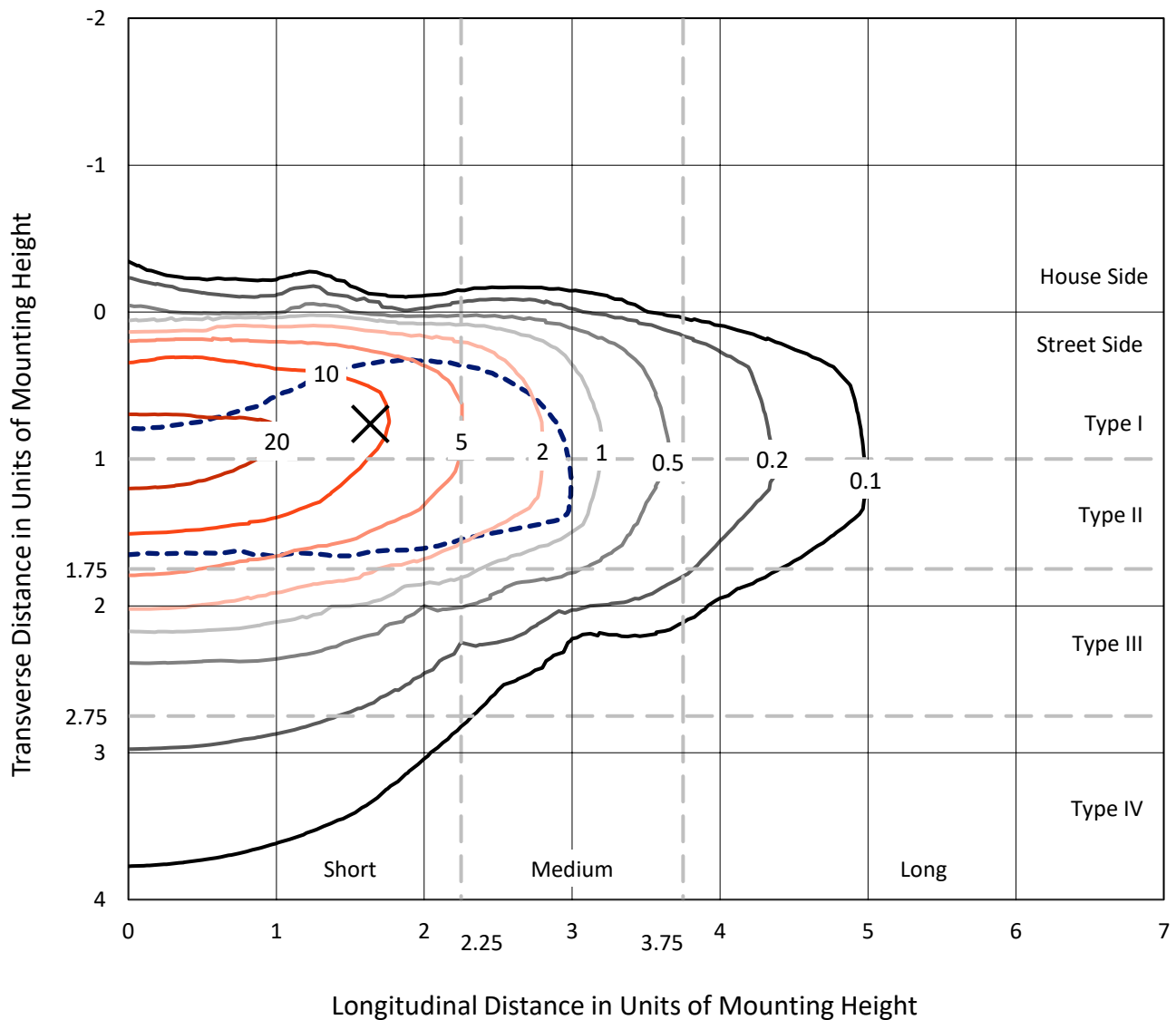


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

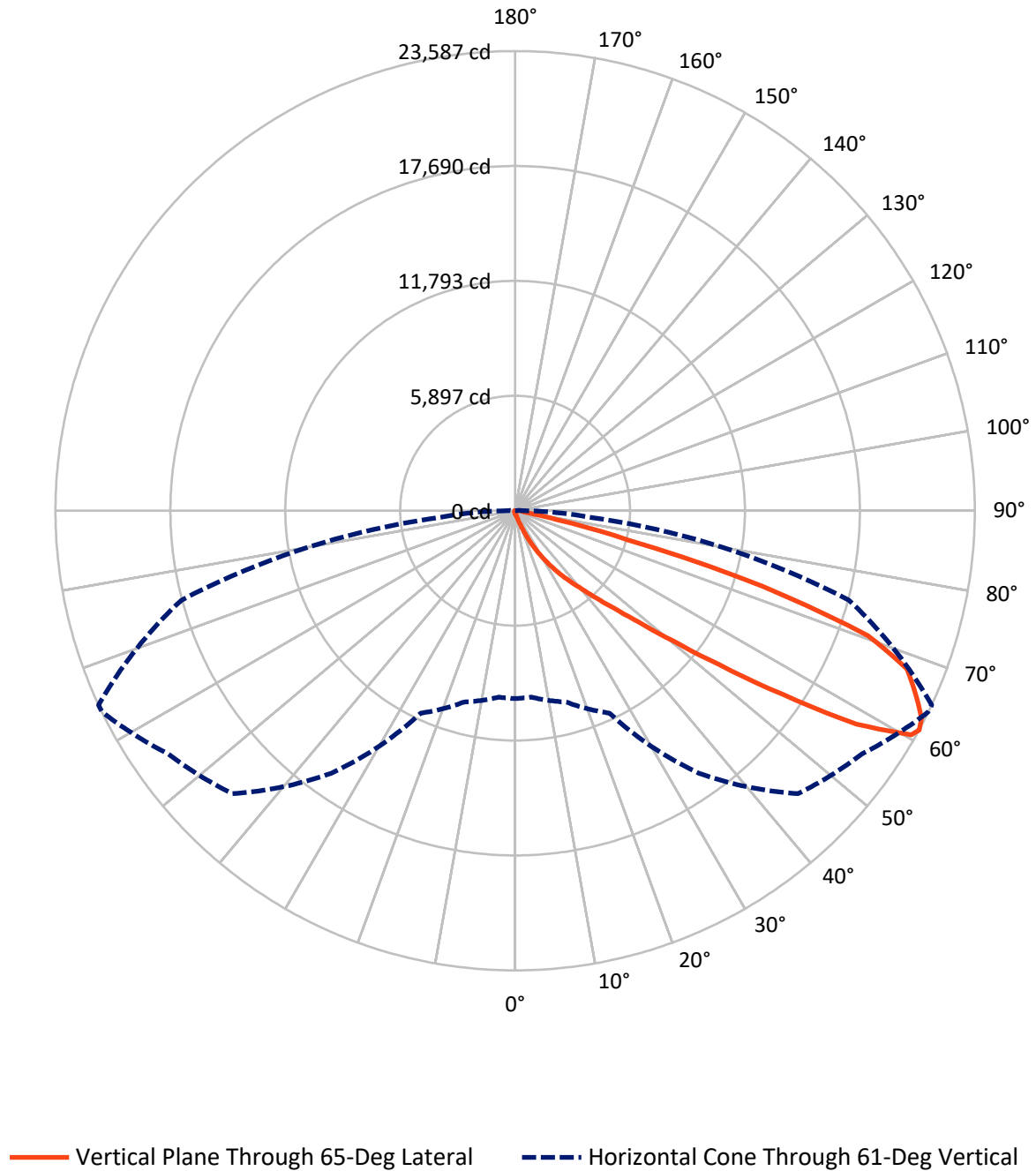


Based on 15 foot mounting height. Maximum calculated value = 28.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	91.2	0.0	91.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21276.1	0.0	21276.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	21367.3	0.0	21367.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	0.1
10°-20°	175.7	0.8
20°-30°	630.6	3.0
30°-40°	1678.8	7.9
40°-50°	4410.3	20.6
50°-60°	6832.4	32.0
60°-70°	5728.9	26.8
70°-80°	1685.9	7.9
80°-90°	208.0	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°	21367.3	100.0
0°-180°	21367.3	100.0



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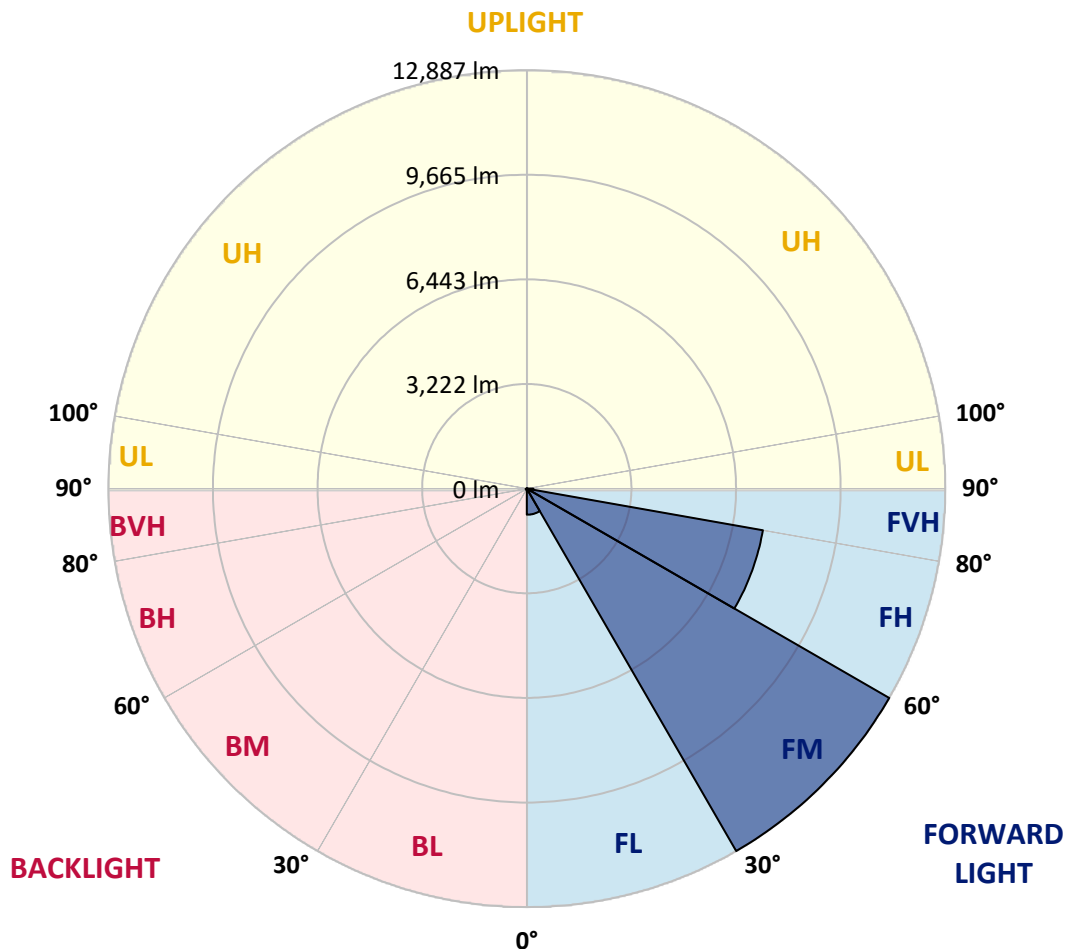
CATALOG NUMBER: GALN-SA7A-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	802.4	3.8			
FM	(30°-60°)	12886.9	60.3			
FH	(60°-80°)	7382.6	34.6			G3/7500
FVH	(80°-90°)	204.1	1.0			G2/225
BL	(0°-30°)	20.5	0.1	B0/110		
BM	(30°-60°)	34.7	0.2	B0/220		
BH	(60°-80°)	32.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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°	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8
2.5°	158.7	160.2	157.3	151.4	147.0	147.0	145.5	141.1	141.1	136.7	133.8
5°	221.9	219.0	213.1	201.4	191.1	180.8	170.5	160.2	158.7	145.5	136.7
7.5°	363.1	366.0	346.9	310.1	279.3	239.6	202.8	180.8	177.9	155.8	138.2
10°	796.7	774.6	730.5	587.9	483.6	364.5	270.5	210.2	207.2	167.6	141.1
12.5°	1452.2	1434.6	1353.7	1206.7	937.8	652.6	395.4	260.2	251.3	177.9	142.6
15°	2093.0	2065.1	2021.0	1872.6	1558.0	1170.0	646.7	355.7	332.2	192.5	141.1
17.5°	2501.7	2506.1	2466.4	2403.2	2200.3	1731.5	1117.1	530.6	485.0	219.0	138.2
20°	2858.8	2848.5	2870.6	2836.8	2694.2	2353.2	1625.6	840.7	762.8	261.6	139.6
22.5°	3270.4	3295.4	3311.5	3304.2	3146.9	2855.9	2203.3	1258.2	1159.7	339.5	144.0
25°	3821.6	3818.6	3820.1	3801.0	3648.1	3324.8	2782.4	1777.0	1677.1	465.9	154.3
27.5°	4399.2	4416.9	4424.2	4355.1	4155.2	3837.7	3318.9	2344.4	2226.8	668.8	167.6
30°	5188.5	5173.8	5140.0	4998.9	4756.4	4362.5	3848.0	2939.7	2816.2	952.5	188.1
32.5°	6252.7	6236.5	6066.0	5754.4	5391.4	4909.3	4380.1	3536.4	3386.5	1306.7	216.1
35°	8006.2	8031.2	7612.3	6805.4	6154.2	5566.3	4969.5	4130.2	3998.0	1743.2	254.3
37.5°	10691.6	10554.9	9986.1	8560.3	7158.1	6386.4	5532.5	4729.9	4615.3	2281.2	304.3
40°	13300.6	13165.3	13000.7	11649.9	8902.8	7290.4	6320.3	5434.0	5285.5	2888.2	377.7
42.5°	16043.3	15968.3	15961.0	14942.4	12086.5	8711.7	7268.3	6258.6	6132.2	3554.1	498.3
45°	17986.4	17911.4	18068.7	18246.6	16422.5	11757.2	8919.0	7330.1	7146.4	4362.5	690.8
47.5°	18248.0	18251.0	18671.4	19228.4	19644.4	16468.1	11117.9	8749.9	8526.5	5519.2	1014.2
50°	17377.9	17411.7	18080.5	19077.0	20197.0	20420.5	14995.3	10810.7	10479.9	6890.6	1472.8
52.5°	15721.4	15759.6	16691.5	18330.4	19688.5	21370.0	19560.6	13506.3	13125.7	8601.5	2119.5
55°	14229.5	14253.0	15321.6	17392.6	19075.6	20854.1	22271.0	17106.0	16606.2	10706.3	2757.4
57.5°	12752.3	12697.9	13393.2	15764.0	18971.2	20220.6	22670.8	21208.3	20657.1	13006.6	3254.2
60°	10776.9	10685.7	11244.3	12752.3	17598.4	20636.5	21922.6	23477.7	23352.8	16209.4	3637.8
61°	9640.7	9602.5	10163.9	11457.4	16443.1	20530.7	21743.3	23573.3	23586.5	17724.8	3809.8
62.5°	6884.7	6993.5	7851.9	9533.4	13772.4	19844.3	21766.8	23277.8	23408.6	19738.5	4255.2
65°	3060.2	3235.1	3902.4	5270.8	8009.1	16507.8	21558.1	22629.6	22565.0	20291.1	5789.7
67.5°	1815.3	1841.7	2173.9	2986.7	4242.0	8879.3	19024.1	21772.7	21686.0	17664.5	7203.7
70°	1430.2	1443.4	1549.2	1874.0	2462.0	3401.2	10857.7	18837.4	19215.2	14323.6	7052.3
72.5°	1356.7	1353.7	1368.4	1425.7	1550.7	1687.4	4203.7	12521.6	13290.3	10315.3	5913.2
75°	1339.0	1333.1	1318.4	1296.4	1123.0	993.6	1302.3	5538.4	5983.7	7047.9	4452.1
77.5°	1299.3	1300.8	1303.7	1243.5	962.7	702.6	630.6	1777.0	2185.6	4472.7	3164.6
80°	879.0	892.2	914.2	890.7	865.7	508.6	445.4	632.0	640.8	2510.5	2090.1
82.5°	445.4	445.4	435.1	388.0	335.1	330.7	354.2	458.6	464.5	1269.9	983.3
85°	269.0	283.7	289.6	263.1	241.1	221.9	270.5	364.5	377.7	492.4	229.3
87.5°	60.3	61.7	67.6	89.7	130.8	177.9	251.3	333.7	339.5	316.0	27.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8
2.5°	132.3	129.3	127.9	123.5	119.1	114.6	111.7	110.2	111.7	113.2	113.2
5°	130.8	126.4	119.1	111.7	105.8	99.9	94.1	92.6	92.6	94.1	94.1
7.5°	130.8	123.5	113.2	104.4	95.5	86.7	82.3	79.4	80.8	80.8	80.8
10°	130.8	122.0	108.8	95.5	85.3	75.0	67.6	64.7	64.7	64.7	64.7
12.5°	129.3	120.5	104.4	88.2	73.5	61.7	52.9	48.5	50.0	50.0	50.0
15°	126.4	116.1	98.5	75.0	58.8	47.0	38.2	33.8	35.3	38.2	39.7
17.5°	122.0	111.7	88.2	63.2	47.0	35.3	26.5	23.5	25.0	29.4	29.4
20°	120.5	107.3	77.9	51.4	35.3	25.0	17.6	14.7	16.2	22.0	23.5
22.5°	120.5	104.4	70.6	42.6	26.5	16.2	10.3	5.9	5.9	10.3	10.3
25°	122.0	102.9	64.7	35.3	19.1	11.8	5.9	2.9	5.9	16.2	19.1
27.5°	124.9	101.4	61.7	29.4	14.7	10.3	4.4	10.3	17.6	17.6	17.6
30°	127.9	98.5	57.3	25.0	13.2	7.3	7.3	14.7	14.7	17.6	19.1
32.5°	132.3	97.0	54.4	22.0	10.3	5.9	10.3	8.8	8.8	10.3	11.8
35°	141.1	98.5	51.4	22.0	10.3	7.3	8.8	4.4	2.9	2.9	2.9
37.5°	152.9	99.9	47.0	19.1	8.8	8.8	4.4	0.0	0.0	0.0	0.0
40°	172.0	104.4	44.1	17.6	7.3	7.3	1.5	0.0	0.0	0.0	0.0
42.5°	204.3	113.2	42.6	16.2	7.3	5.9	0.0	0.0	0.0	0.0	0.0
45°	269.0	133.8	39.7	14.7	7.3	2.9	0.0	0.0	0.0	0.0	0.0
47.5°	386.6	182.3	38.2	11.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	564.4	246.9	36.7	10.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	720.2	260.2	25.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	737.9	179.3	19.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	587.9	116.1	16.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	445.4	88.2	14.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	427.7	79.4	14.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	471.8	69.1	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	767.3	57.3	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1333.1	50.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1684.4	47.0	8.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1468.4	42.6	8.8	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	883.4	36.7	8.8	5.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	463.0	27.9	8.8	7.3	4.4	1.5	0.0	0.0	0.0	0.0	0.0
80°	224.9	25.0	10.3	7.3	5.9	2.9	0.0	0.0	0.0	0.0	0.0
82.5°	88.2	20.6	11.8	10.3	7.3	4.4	1.5	0.0	0.0	0.0	0.0
85°	39.7	17.6	13.2	11.8	10.3	5.9	1.5	0.0	0.0	0.0	0.0
87.5°	20.6	16.2	14.7	13.2	10.3	7.3	2.9	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: SP1-2407-184-8

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

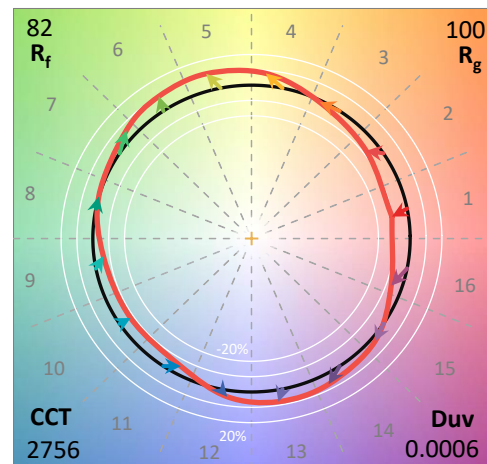
Test Information

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

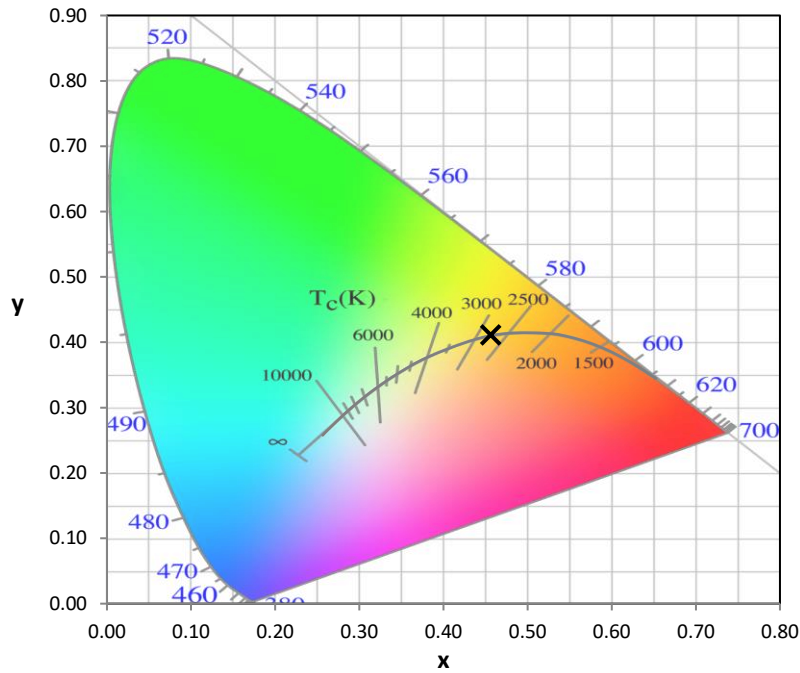
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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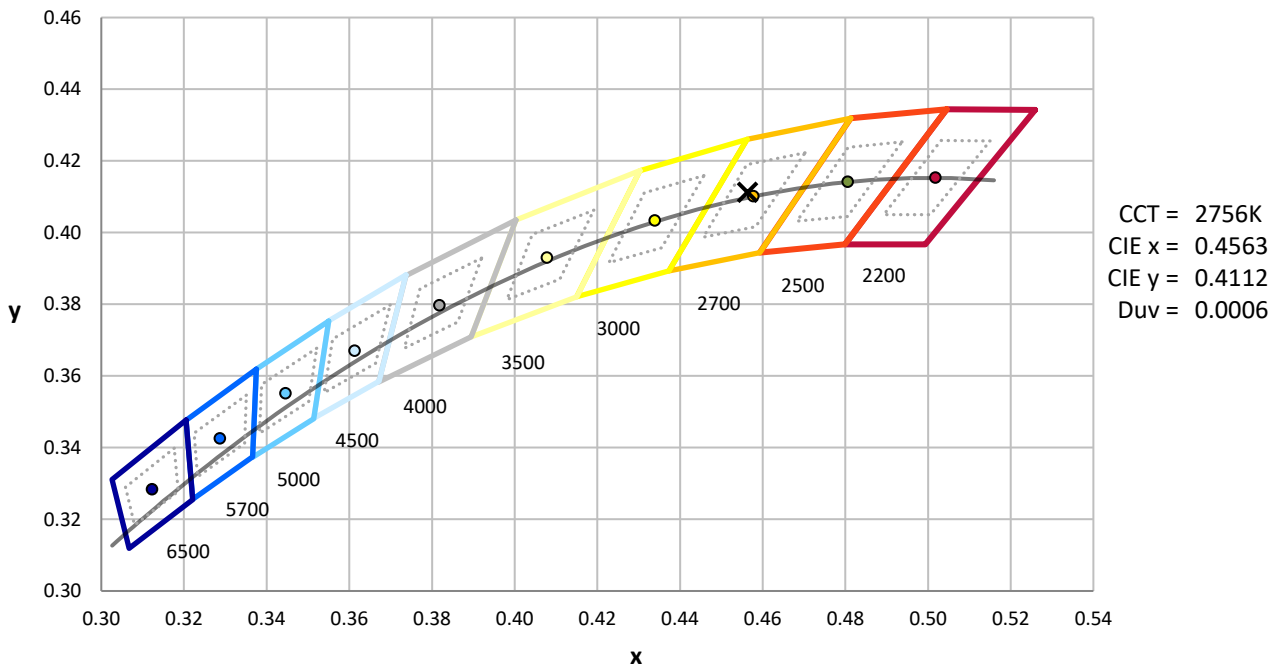
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



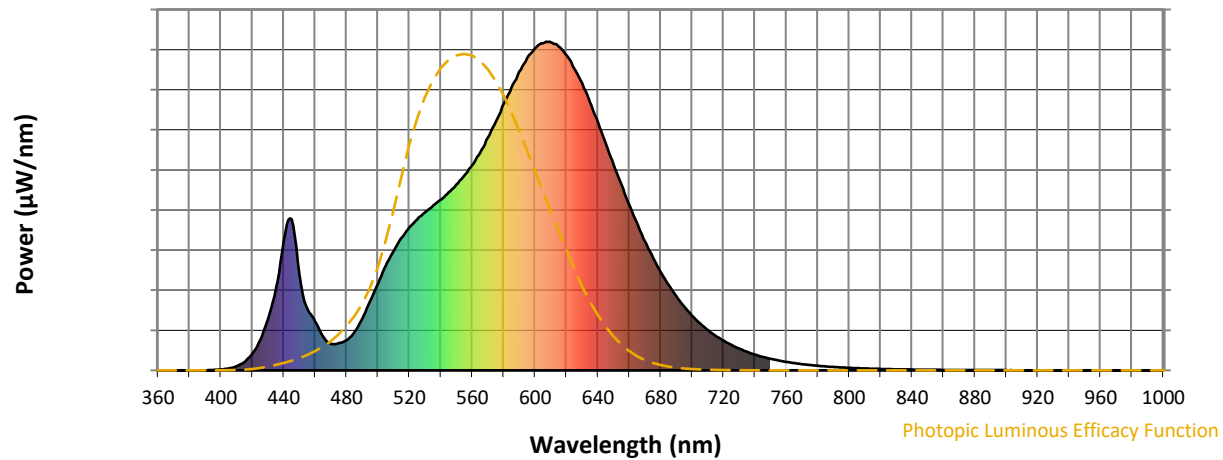
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

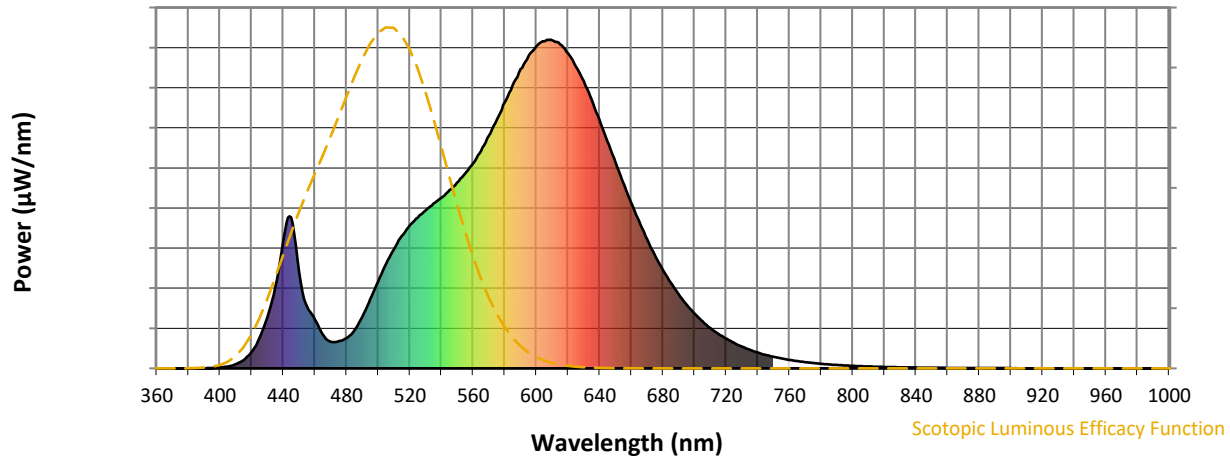


Photopic Lumens: NR

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



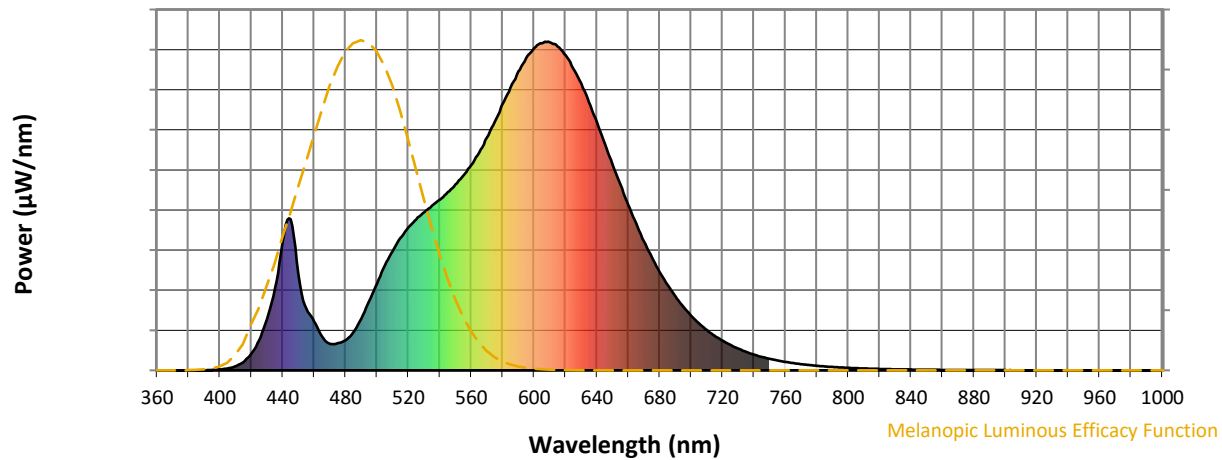
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

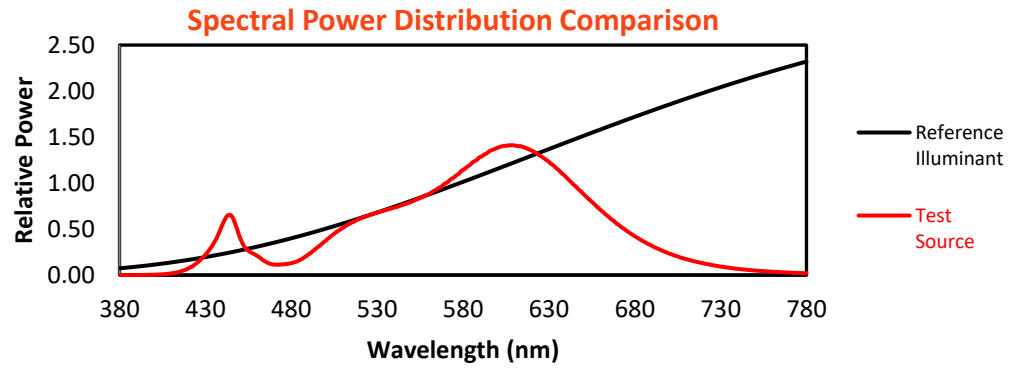
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	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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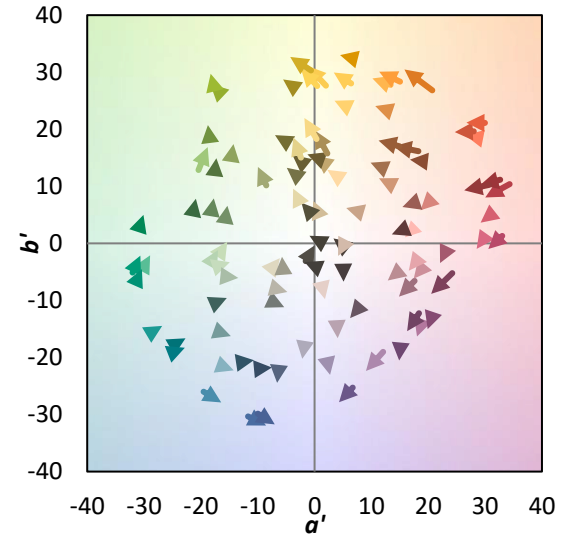
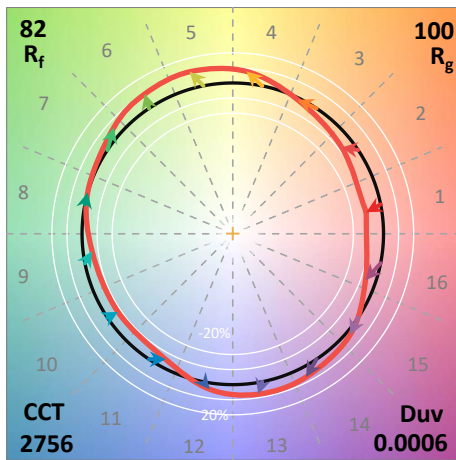
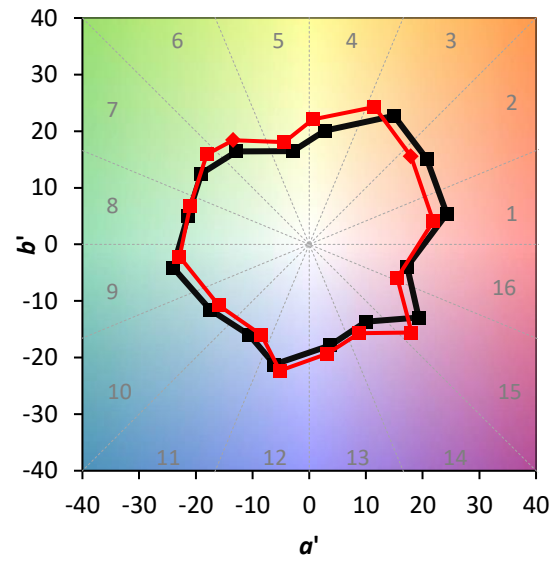
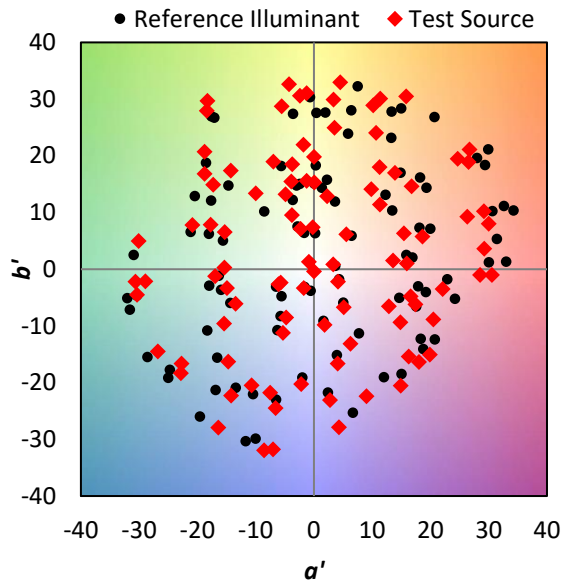
TM-30-18

Summary

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

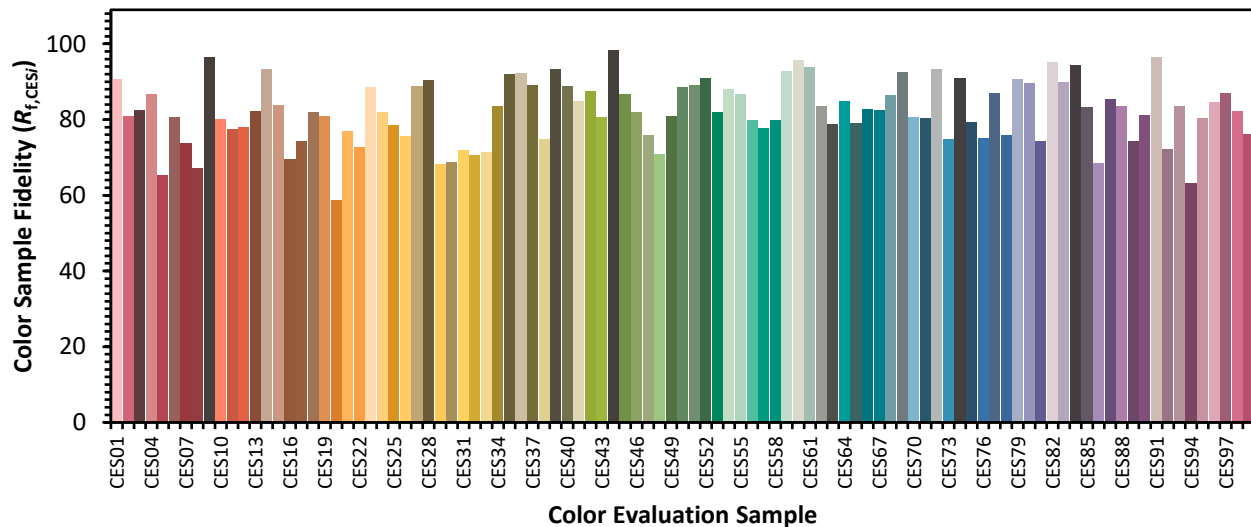


Color Vector Graphics

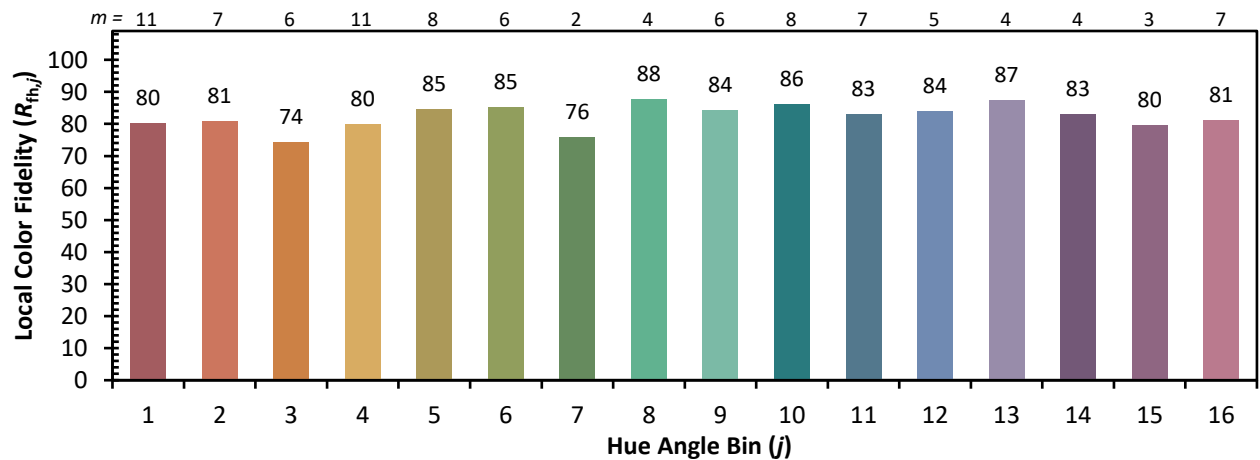
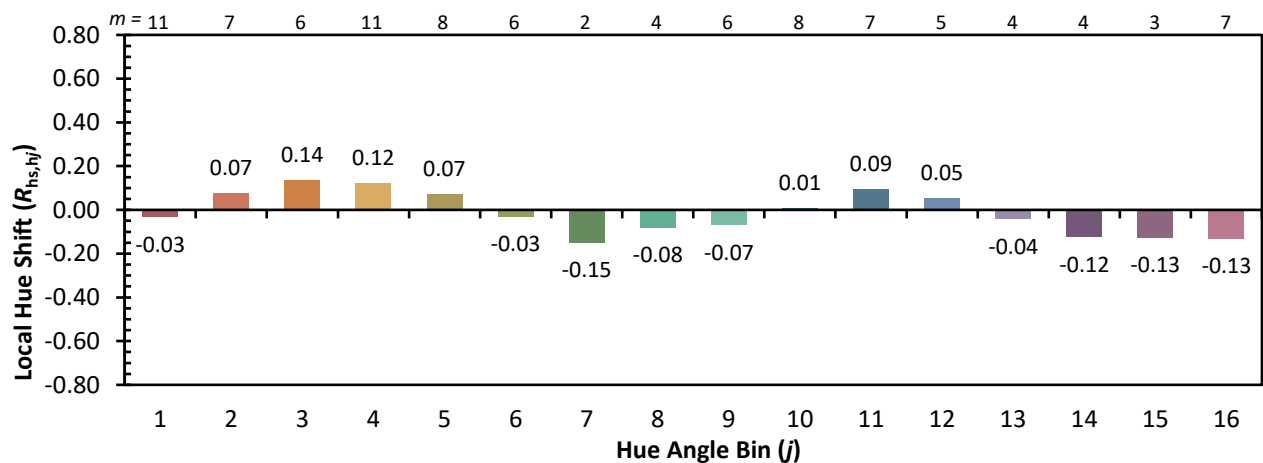
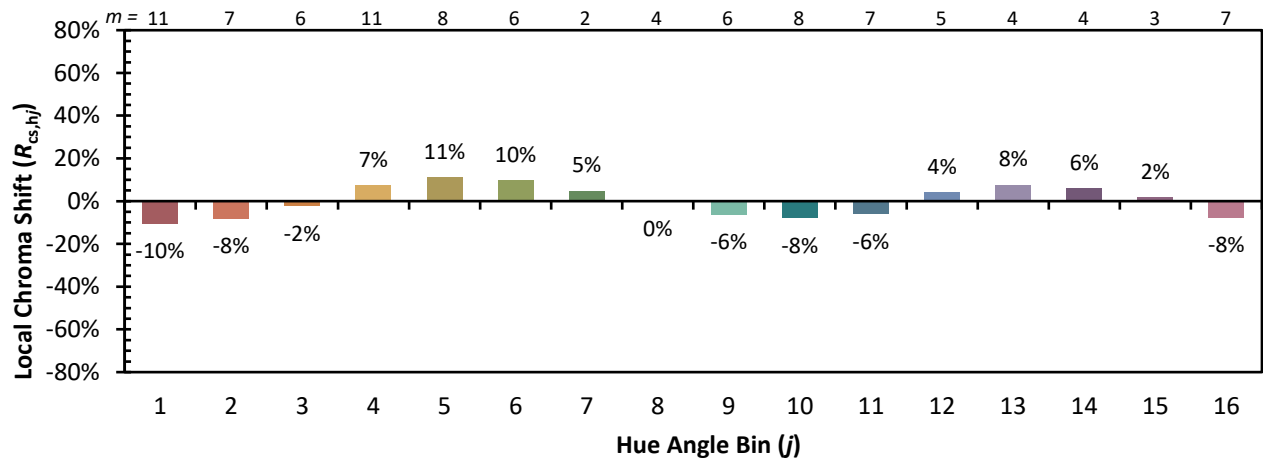


Individual Sample Fidelity Index ($R_{f,i}$)

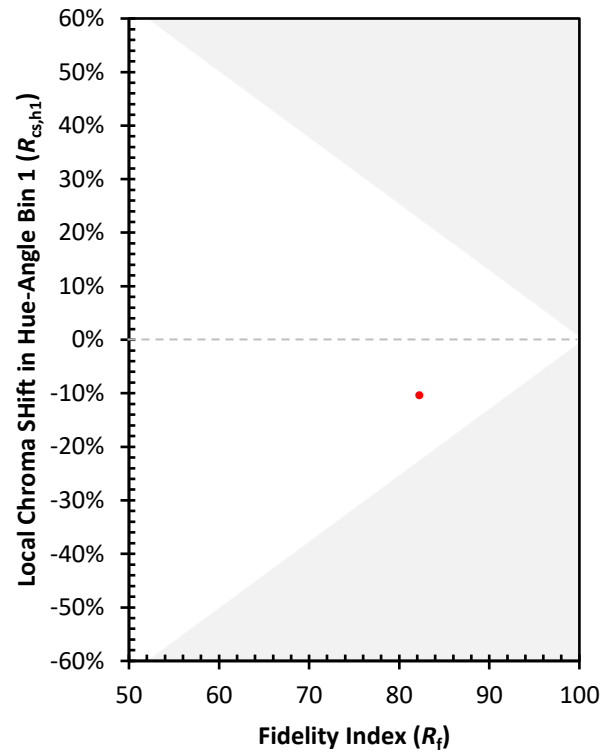
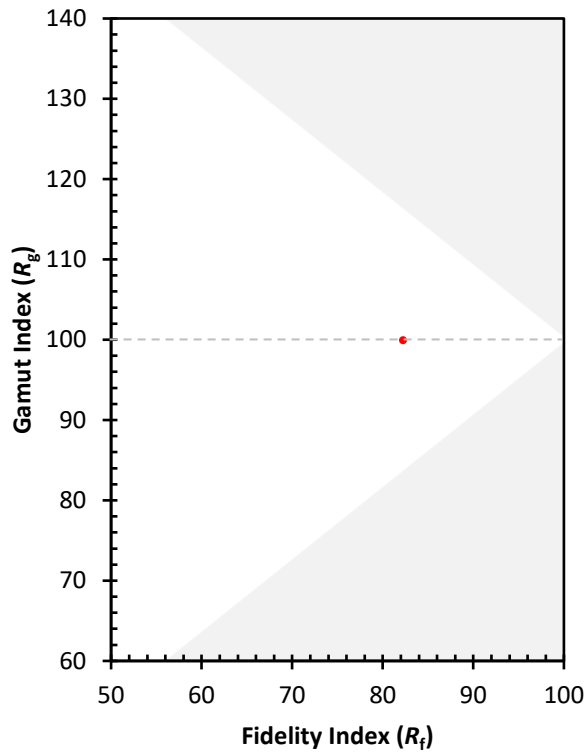
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)