

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: P1047294

Luminaire Tested: **GALN-SA8B-827-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047294
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-827-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32223 lumens
Efficiency: N/A
Efficacy: 113.9 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): 282.8
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

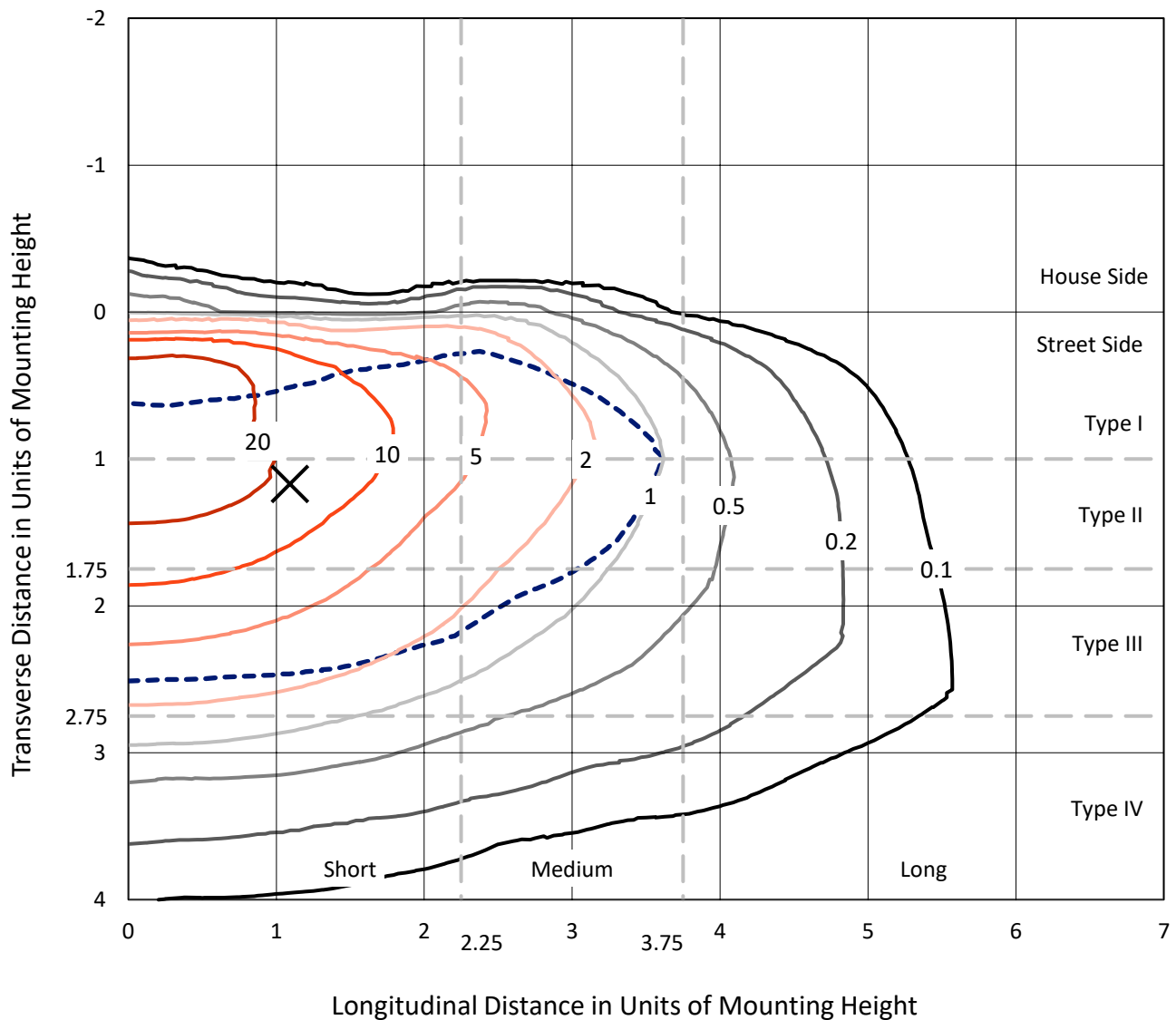


REPORT NUMBER: P1047294

CATALOG NUMBER: GALN-SA8B-827-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

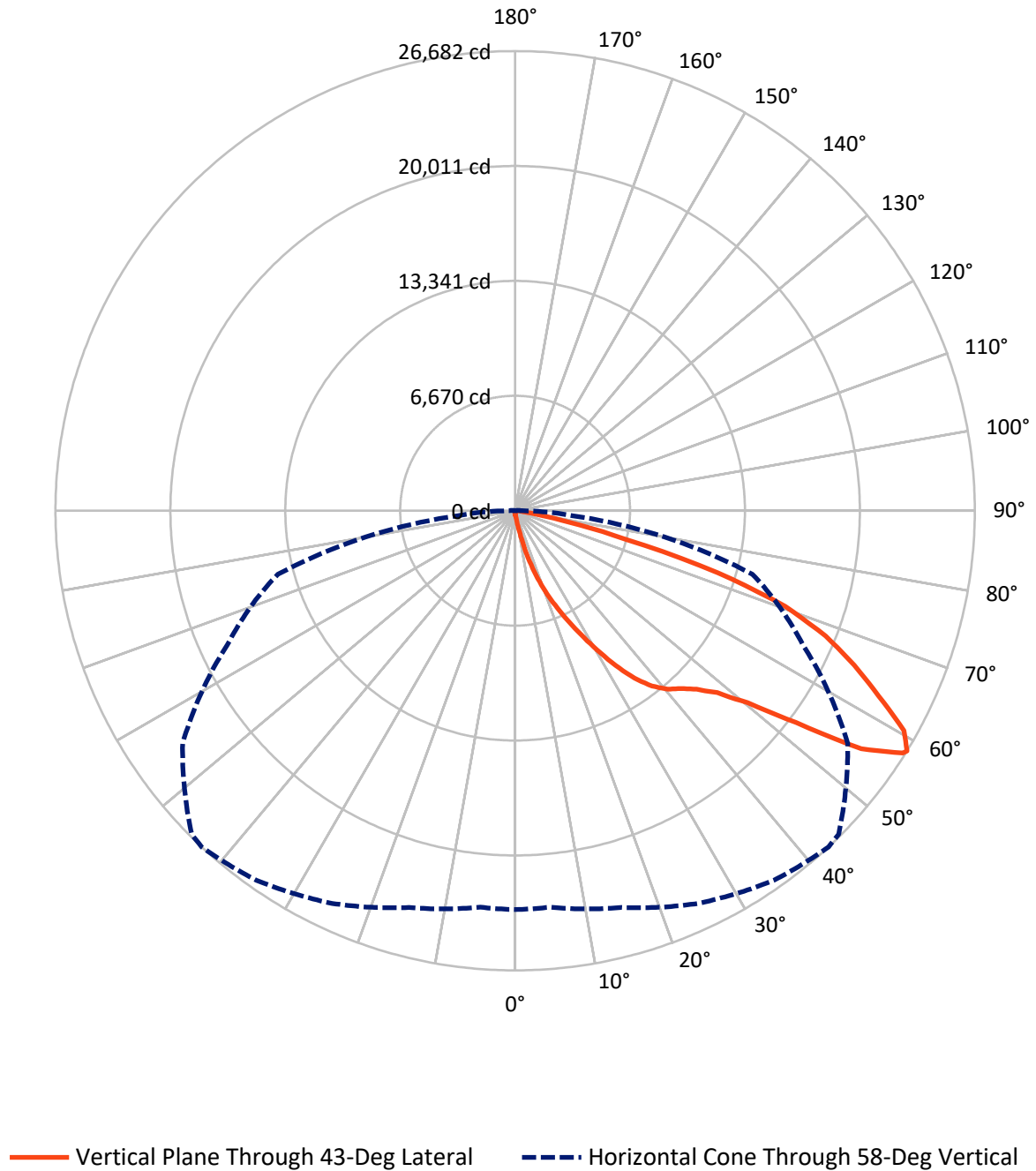


Based on 15 foot mounting height. Maximum calculated value = 36.2 fc
 Type III - Short - N/A

REPORT NUMBER: P1047294

CATALOG NUMBER: GALN-SA8B-827-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047294

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	117.6	0.0	117.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32105.4	0.0	32105.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	32223.0	0.0	32223.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.9	0.1
10°-20°	370.4	1.1
20°-30°	1335.0	4.1
30°-40°	3054.5	9.5
40°-50°	5151.8	16.0
50°-60°	8501.7	26.4
60°-70°	9501.8	29.5
70°-80°	3923.1	12.2
80°-90°	353.7	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°	32223.0	100.0
0°-180°	32223.0	100.0



REPORT NUMBER: P1047294

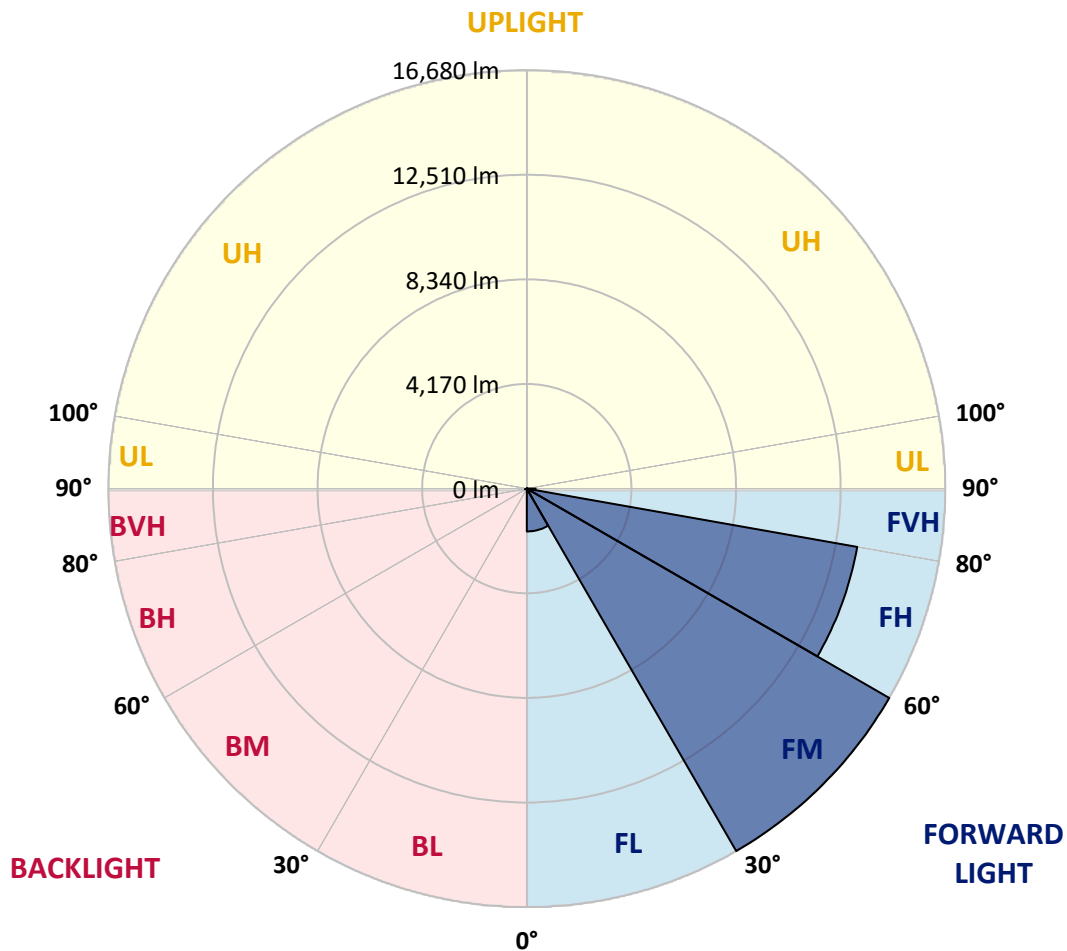
CATALOG NUMBER: GALN-SA8B-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1705.6	5.3			
FM	(30°-60°)	16679.9	51.8			
FH	(60°-80°)	13371.1	41.5			G5
FVH	(80°-90°)	348.8	1.1			G3/500
BL	(0°-30°)	30.7	0.1	B0/110		
BM	(30°-60°)	28.2	0.1	B0/220		
BH	(60°-80°)	53.9	0.2	B0/110		G0/110
BVH	(80°-90°)	4.9	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-G5

Type III Short



REPORT NUMBER: P1047294

CATALOG NUMBER: GALN-SA8B-827-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7
2.5°	252.8	261.3	252.8	252.8	252.8	244.4	244.4	236.0	236.0	227.5	219.1
5°	370.8	370.8	345.5	328.7	311.8	303.4	295.0	278.1	261.3	244.4	227.5
7.5°	825.9	825.9	750.1	648.9	514.1	438.2	421.4	345.5	295.0	261.3	227.5
10°	1972.1	1972.1	1803.5	1525.4	1179.9	876.5	783.8	497.2	354.0	278.1	236.0
12.5°	3278.4	3320.5	3109.8	2755.8	2241.8	1710.8	1525.4	910.2	471.9	303.4	236.0
15°	4449.8	4348.7	4289.7	3952.6	3463.8	2831.7	2595.7	1533.8	682.6	345.5	236.0
17.5°	5242.0	5242.0	5157.7	4930.2	4483.5	3927.3	3733.4	2477.7	1104.0	396.1	244.4
20°	6169.0	6169.0	6017.3	5857.2	5461.1	4989.2	4803.8	3522.8	1710.8	505.7	244.4
22.5°	7289.9	7306.8	7138.2	6851.7	6472.4	5949.9	5789.8	4491.9	2477.7	674.2	252.8
25°	8655.2	8672.0	8427.6	8158.0	7576.5	7011.8	6767.4	5604.4	3413.2	943.9	252.8
27.5°	10163.7	10281.7	9919.3	9455.8	8840.6	8132.7	7947.3	6607.3	4340.2	1331.6	269.7
30°	12043.1	12043.1	11562.7	10913.8	10248.0	9371.5	9135.6	7660.7	5326.3	1845.7	286.5
32.5°	13661.2	13534.8	12919.6	12236.9	11529.0	10711.5	10458.7	8764.7	6337.6	2486.2	320.3
35°	14900.1	14790.5	14032.0	13298.8	12683.6	11933.5	11630.1	9961.5	7407.9	3210.9	370.8
37.5°	15962.0	15919.8	14891.6	13973.0	13568.5	12911.1	12641.5	11090.8	8461.4	3994.7	429.8
40°	17125.0	16990.1	15894.5	14756.8	14150.0	13619.1	13374.7	12001.0	9472.7	4913.3	514.1
42.5°	18119.4	17959.3	16973.3	15860.8	14824.2	14107.9	13871.9	12767.9	10458.7	5831.9	623.6
45°	19223.5	19139.2	18144.7	17302.0	15919.8	14773.7	14461.8	13383.1	11360.5	6927.5	766.9
47.5°	20883.7	20732.0	19805.0	19113.9	17512.6	15785.0	15338.3	14015.2	12228.5	8006.3	986.0
50°	22813.6	22712.5	22164.7	21616.9	20024.1	17512.6	16981.7	14925.4	13197.7	9287.3	1272.6
52.5°	24389.6	24372.7	24440.2	24448.6	23243.4	20420.2	19628.0	16391.8	14310.1	10551.4	1677.1
55°	24355.9	24431.7	25173.4	26024.6	26117.3	24389.6	23622.7	18861.1	15759.7	12110.5	2241.8
57.5°	23445.7	23386.7	24170.5	25451.5	26353.2	26538.6	26412.2	22695.6	17942.5	13989.9	3109.8
58°	23150.7	23100.2	23841.8	25148.1	26184.7	26681.9	26555.5	23563.7	18431.3	14259.6	3345.8
60°	22080.4	22088.9	22527.1	23715.4	24752.0	25931.9	26049.8	26041.4	20866.8	16063.1	4534.1
62.5°	20664.6	20597.2	21001.7	21970.9	22881.1	23673.2	23875.5	26210.0	24431.7	18355.4	6801.1
65°	18709.4	18608.2	19038.0	20133.6	21111.2	21625.3	21633.8	23951.4	26108.8	20816.3	10037.3
67.5°	15077.1	14992.8	15852.4	17259.8	18768.4	19442.6	19746.0	20782.6	24693.0	22485.0	11891.4
70°	9236.7	9413.7	10610.4	12818.4	15397.3	16636.2	17091.3	17411.5	21027.0	22232.1	9944.6
72.5°	4264.4	4053.7	5073.4	6615.7	9556.9	12312.8	12784.7	14040.5	16669.9	19299.3	7416.3
75°	1988.9	1913.1	2149.0	2890.7	4331.8	6649.4	7509.0	11208.8	12784.7	13425.2	5351.6
77.5°	1019.7	1028.2	1222.0	1314.7	1786.7	3076.1	3531.2	7374.2	9371.5	7492.2	3590.2
80°	446.7	463.5	471.9	514.1	724.8	1188.3	1340.0	3421.6	6405.0	3817.7	1963.6
82.5°	286.5	295.0	295.0	295.0	345.5	471.9	539.4	1373.7	3194.1	1896.2	606.8
85°	151.7	151.7	168.6	210.7	244.4	286.5	303.4	438.2	1053.5	564.7	143.3
87.5°	84.3	92.7	101.1	126.4	160.1	193.8	210.7	303.4	404.5	387.7	33.7
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: P1047294

CATALOG NUMBER: GALN-SA8B-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7
2.5°	219.1	210.7	202.3	193.8	185.4	177.0	177.0	177.0	177.0	177.0	177.0
5°	210.7	202.3	193.8	177.0	160.1	151.7	143.3	134.8	134.8	134.8	134.8
7.5°	210.7	202.3	177.0	160.1	143.3	126.4	109.6	109.6	109.6	109.6	109.6
10°	210.7	193.8	168.6	143.3	118.0	101.1	92.7	84.3	84.3	84.3	84.3
12.5°	210.7	185.4	160.1	126.4	101.1	84.3	75.8	67.4	67.4	67.4	67.4
15°	210.7	185.4	151.7	118.0	92.7	67.4	59.0	50.6	50.6	50.6	50.6
17.5°	202.3	177.0	143.3	101.1	75.8	50.6	42.1	33.7	33.7	42.1	42.1
20°	193.8	168.6	126.4	84.3	59.0	42.1	25.3	25.3	25.3	25.3	25.3
22.5°	193.8	168.6	118.0	75.8	50.6	25.3	16.9	16.9	16.9	16.9	25.3
25°	193.8	160.1	101.1	59.0	33.7	16.9	8.4	8.4	8.4	8.4	8.4
27.5°	193.8	160.1	92.7	50.6	25.3	16.9	8.4	0.0	0.0	0.0	0.0
30°	185.4	151.7	84.3	42.1	16.9	8.4	0.0	0.0	0.0	0.0	0.0
32.5°	185.4	143.3	67.4	33.7	16.9	8.4	0.0	0.0	0.0	0.0	0.0
35°	193.8	134.8	59.0	25.3	8.4	0.0	0.0	0.0	0.0	0.0	8.4
37.5°	202.3	126.4	50.6	16.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	210.7	118.0	50.6	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	227.5	118.0	42.1	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	244.4	118.0	33.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	278.1	126.4	33.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	303.4	134.8	25.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	337.1	126.4	25.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	379.2	126.4	25.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	413.0	118.0	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	429.8	109.6	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	514.1	101.1	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	800.6	84.3	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1626.5	75.8	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3034.0	67.4	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3396.3	75.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2140.6	59.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1129.3	59.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	564.7	59.0	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	261.3	42.1	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	109.6	25.3	16.9	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	50.6	25.3	16.9	16.9	8.4	8.4	0.0	0.0	0.0	0.0	0.0
87.5°	25.3	25.3	25.3	16.9	16.9	8.4	8.4	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

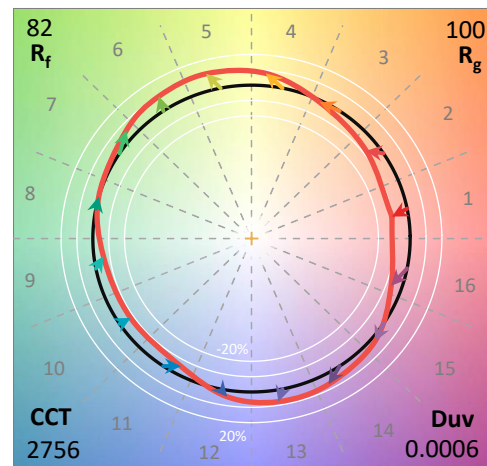
Test Information

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

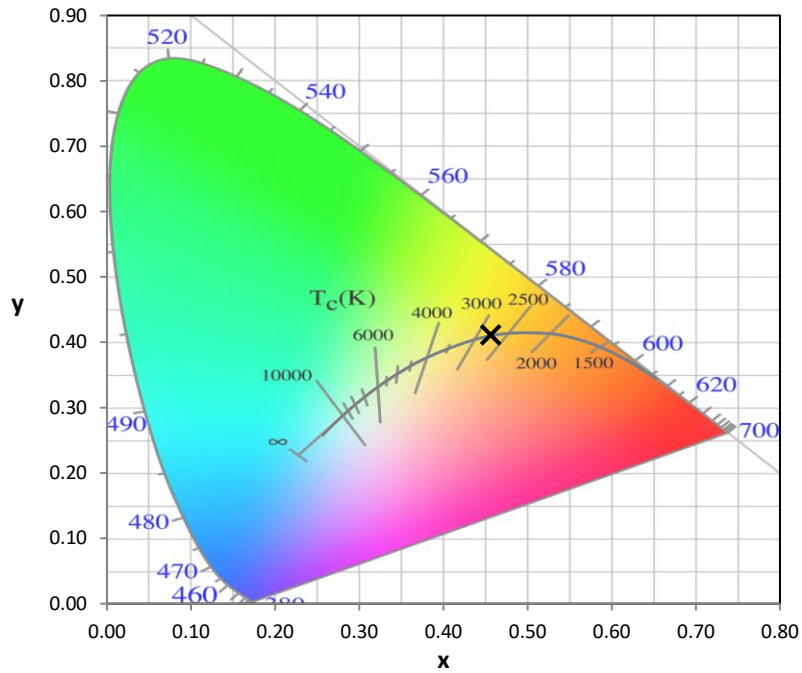
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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: SP1-2407-184-8

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

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



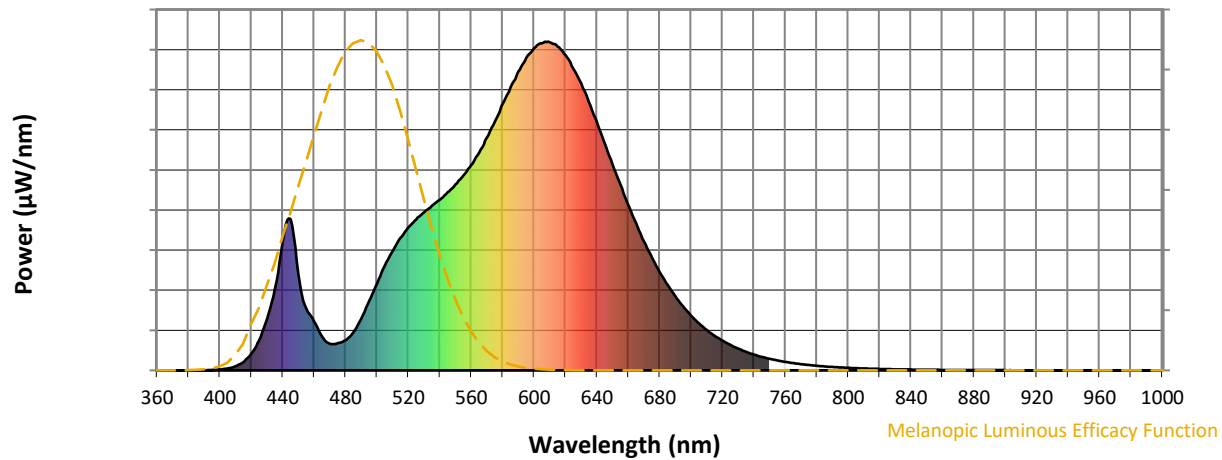
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

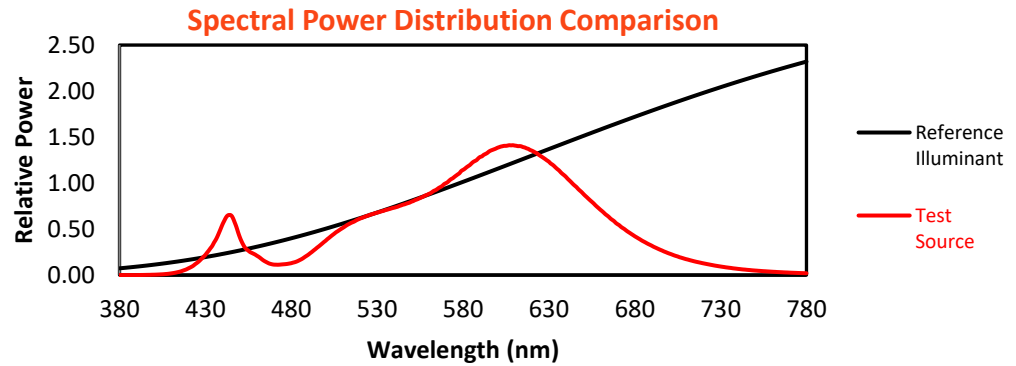
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158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

REPORT NUMBER: SP1-2407-184-8

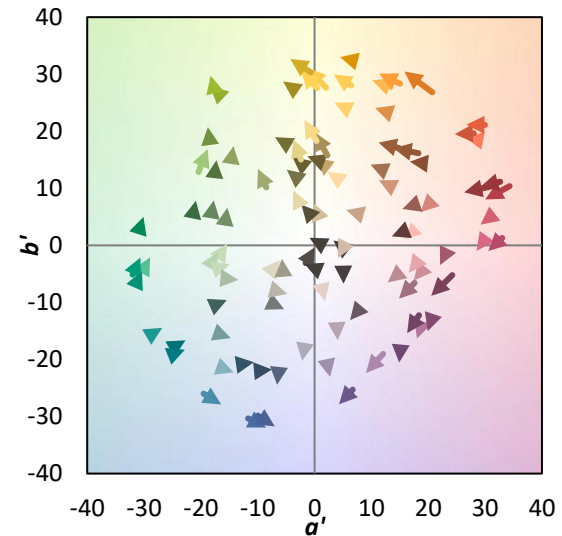
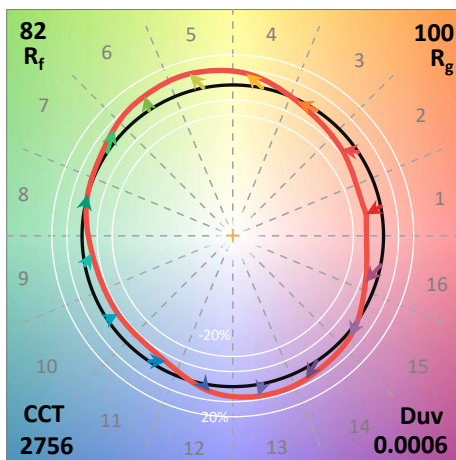
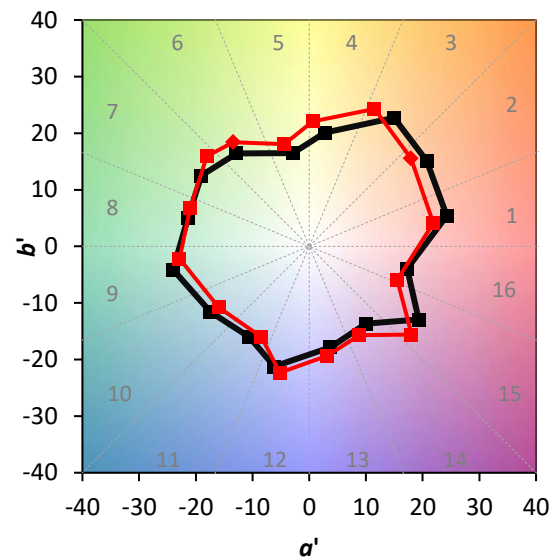
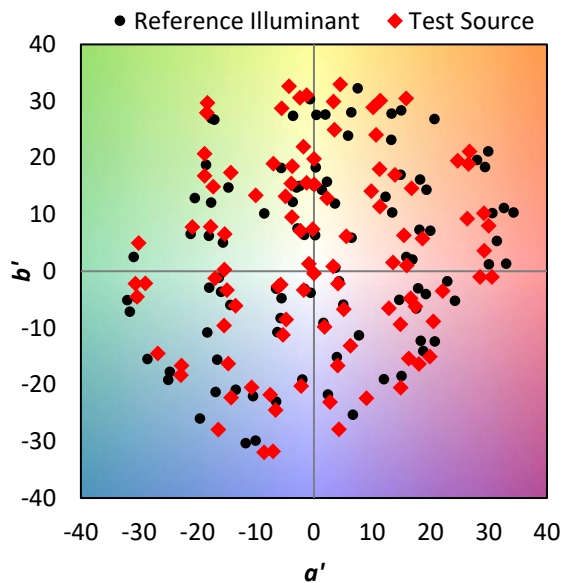
TM-30-18

Summary

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

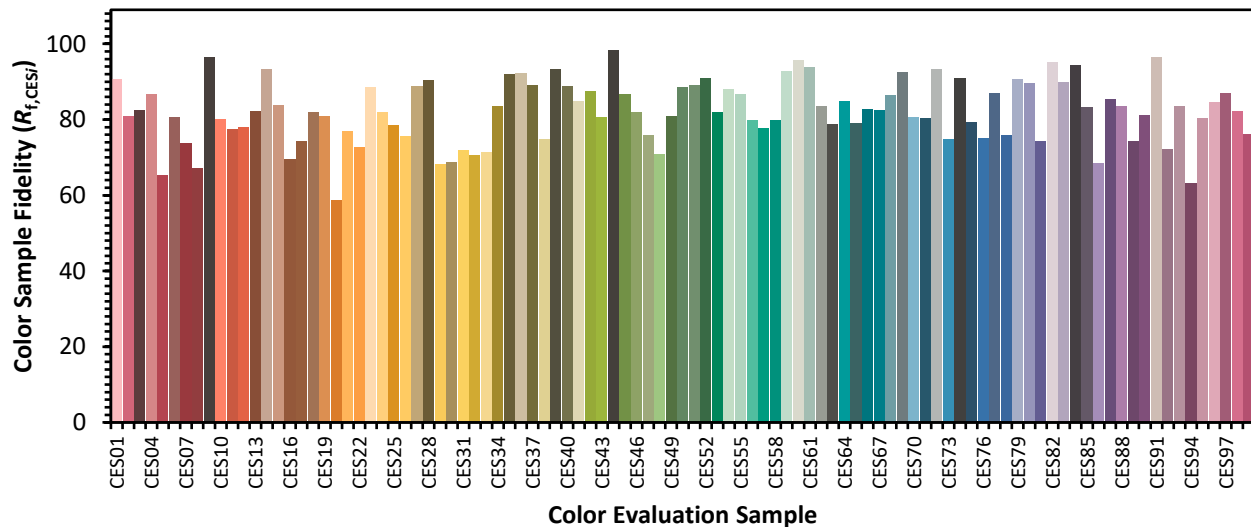


Color Vector Graphics

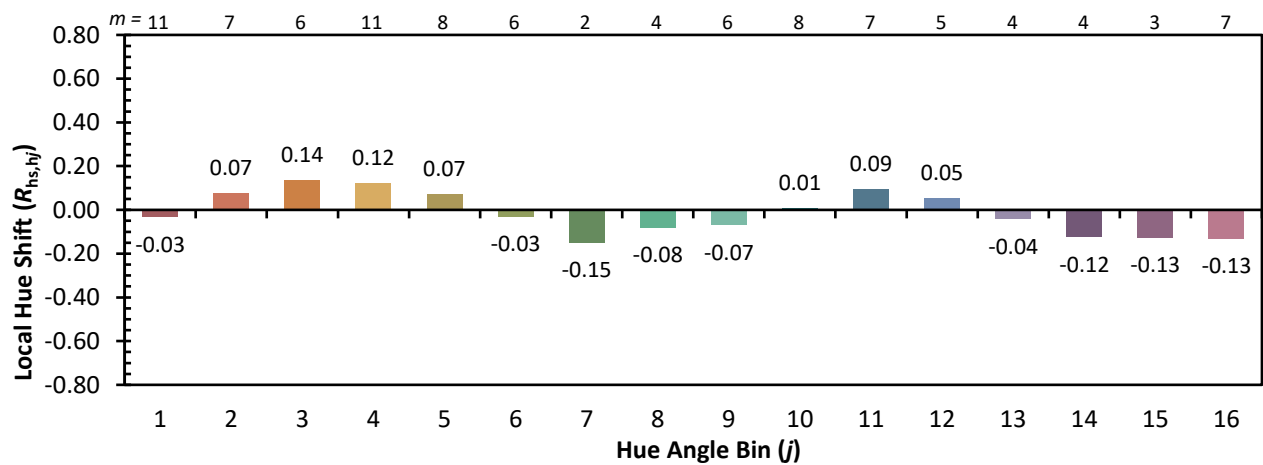


Individual Sample Fidelity Index ($R_{f,i}$)

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)