

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: P1047293

Luminaire Tested: **GALN-SA8A-827-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047293
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-827-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 25771.5 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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

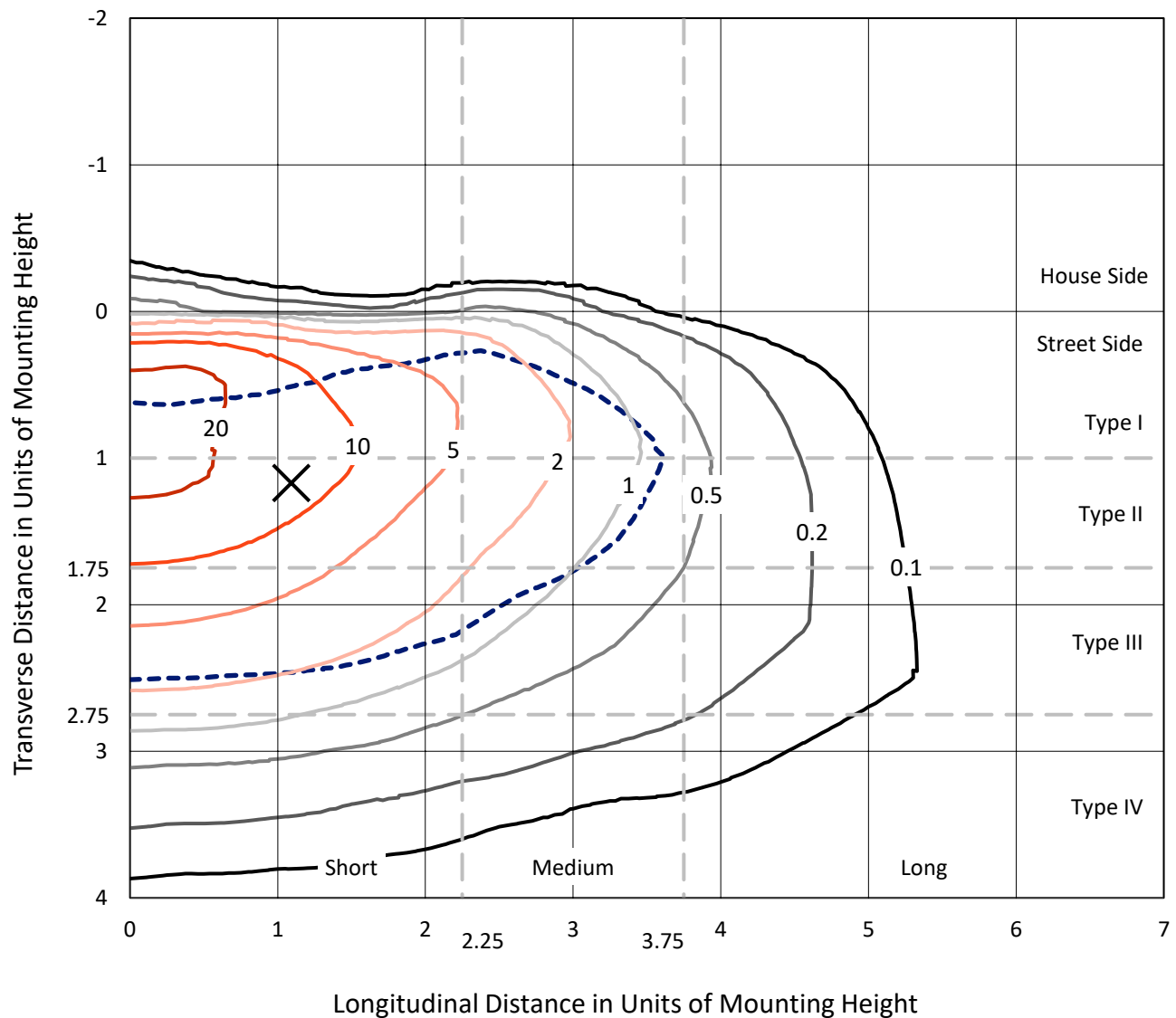


REPORT NUMBER: P1047293

CATALOG NUMBER: GALN-SA8A-827-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

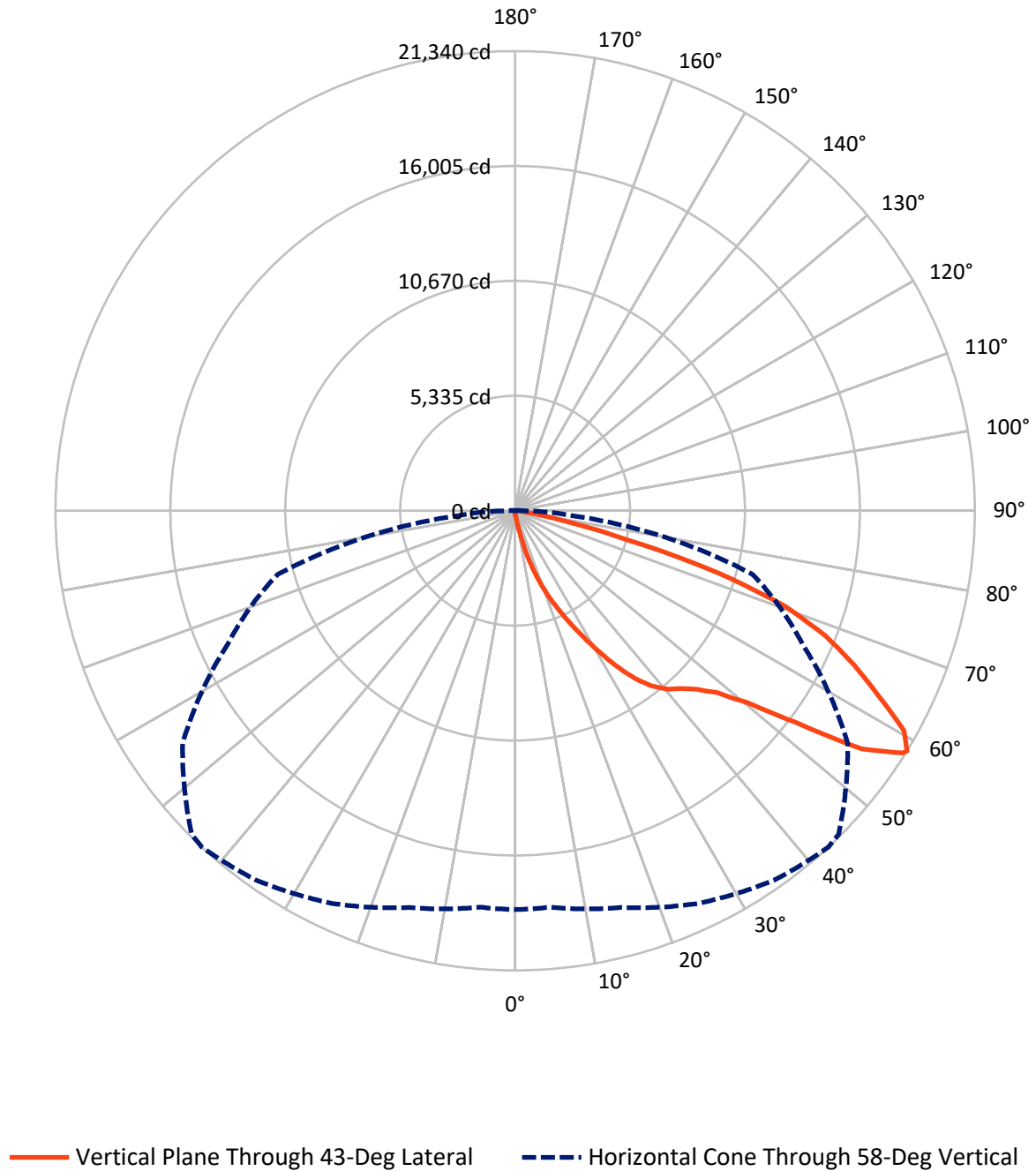


Based on 15 foot mounting height. Maximum calculated value = 28.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047293

CATALOG NUMBER: GALN-SA8A-827-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047293

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	94.1	0.0	94.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25677.4	0.0	25677.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	25771.5	0.0	25771.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	0.1
10°-20°	296.2	1.1
20°-30°	1067.7	4.1
30°-40°	2443.0	9.5
40°-50°	4120.4	16.0
50°-60°	6799.6	26.4
60°-70°	7599.4	29.5
70°-80°	3137.7	12.2
80°-90°	282.9	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°	25771.5	100.0
0°-180°	25771.5	100.0



REPORT NUMBER: P1047293

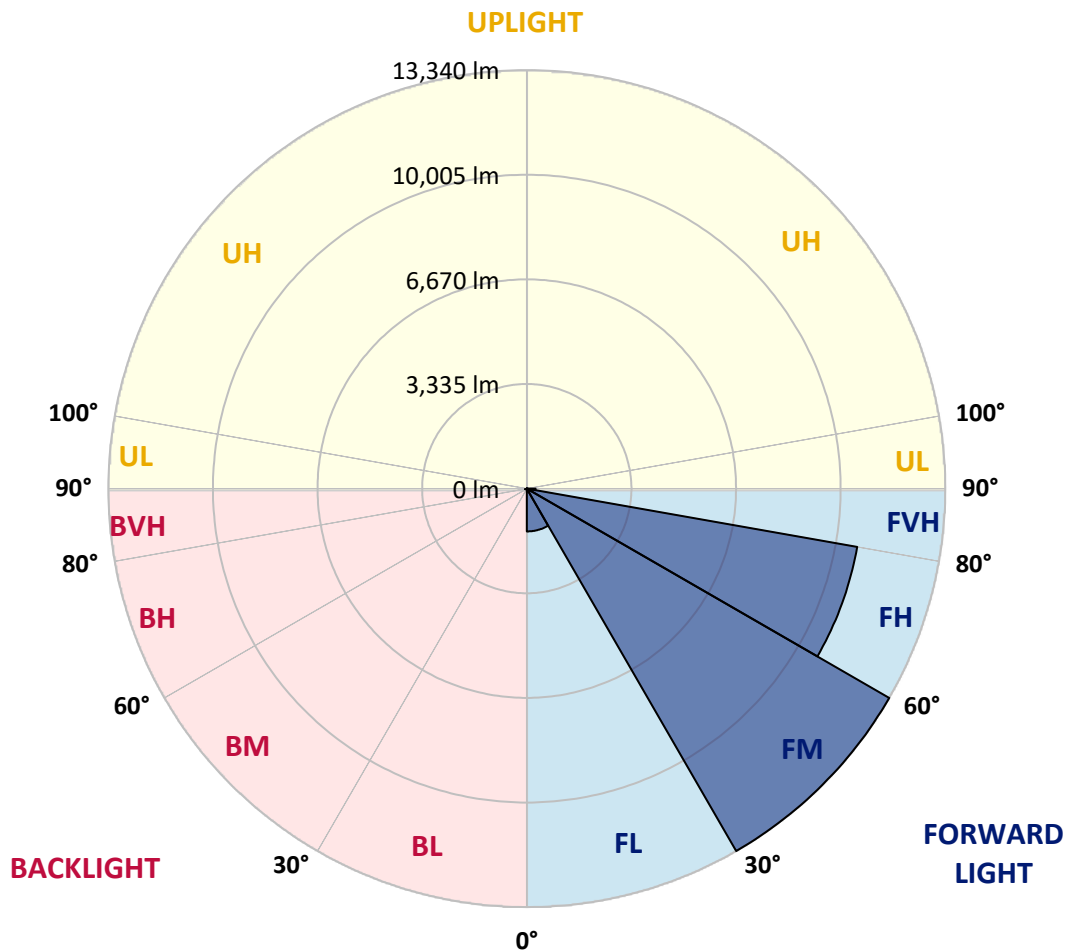
CATALOG NUMBER: GALN-SA8A-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1364.1	5.3			
FM	(30°-60°)	13340.3	51.8			
FH	(60°-80°)	10694.0	41.5			G4/12000
FVH	(80°-90°)	279.0	1.1			G3/500
BL	(0°-30°)	24.5	0.1	B0/110		
BM	(30°-60°)	22.6	0.1	B0/220		
BH	(60°-80°)	43.1	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-G4

Type III Short



REPORT NUMBER: P1047293

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5
2.5°	202.2	208.9	202.2	202.2	202.2	195.5	195.5	188.7	188.7	182.0	175.2
5°	296.6	296.6	276.4	262.9	249.4	242.7	235.9	222.4	208.9	195.5	182.0
7.5°	660.6	660.6	599.9	519.0	411.2	350.5	337.0	276.4	235.9	208.9	182.0
10°	1577.2	1577.2	1442.4	1220.0	943.6	701.0	626.8	397.7	283.1	222.4	188.7
12.5°	2622.0	2655.7	2487.2	2204.1	1792.9	1368.3	1220.0	728.0	377.5	242.7	188.7
15°	3558.9	3478.0	3430.8	3161.2	2770.3	2264.7	2076.0	1226.7	546.0	276.4	188.7
17.5°	4192.5	4192.5	4125.1	3943.1	3585.8	3141.0	2986.0	1981.7	883.0	316.8	195.5
20°	4933.9	4933.9	4812.6	4684.5	4367.7	3990.3	3842.0	2817.5	1368.3	404.4	195.5
22.5°	5830.4	5843.9	5709.0	5479.9	5176.6	4758.7	4630.6	3592.6	1981.7	539.2	202.2
25°	6922.3	6935.8	6740.3	6524.6	6059.5	5607.9	5412.5	4482.3	2729.8	754.9	202.2
27.5°	8128.8	8223.2	7933.4	7562.6	7070.6	6504.4	6356.1	5284.4	3471.3	1065.0	215.7
30°	9631.9	9631.9	9247.7	8728.7	8196.2	7495.2	7306.5	6126.9	4259.9	1476.1	229.2
32.5°	10926.0	10824.9	10332.9	9786.9	9220.8	8566.9	8364.7	7009.9	5068.7	1988.4	256.1
35°	11916.9	11829.3	11222.6	10636.2	10144.2	9544.3	9301.6	7967.1	5924.7	2568.1	296.6
37.5°	12766.2	12732.5	11910.1	11175.4	10851.9	10326.2	10110.5	8870.3	6767.3	3194.9	343.8
40°	13696.3	13588.5	12712.2	11802.3	11317.0	10892.3	10696.9	9598.2	7576.1	3929.6	411.2
42.5°	14491.7	14363.6	13575.0	12685.3	11856.2	11283.3	11094.6	10211.6	8364.7	4664.3	498.8
45°	15374.7	15307.3	14511.9	13837.9	12732.5	11815.8	11566.4	10703.6	9085.9	5540.5	613.4
47.5°	16702.5	16581.2	15839.7	15287.0	14006.4	12624.6	12267.4	11209.1	9780.2	6403.3	788.6
50°	18246.0	18165.1	17727.0	17288.9	16015.0	14006.4	13581.7	11937.1	10555.3	7427.8	1017.8
52.5°	19506.5	19493.0	19546.9	19553.7	18589.8	16331.8	15698.2	13109.9	11445.1	8438.9	1341.3
55°	19479.5	19540.2	20133.3	20814.1	20888.2	19506.5	18893.1	15084.8	12604.4	9685.8	1792.9
57.5°	18751.6	18704.4	19331.2	20355.7	21077.0	21225.2	21124.1	18151.7	14350.1	11188.9	2487.2
58°	18515.6	18475.2	19068.3	20113.1	20942.2	21339.8	21238.7	18845.9	14741.1	11404.6	2675.9
60°	17659.6	17666.4	18016.9	18967.2	19796.3	20739.9	20834.3	20827.6	16689.0	12847.0	3626.3
62.5°	16527.3	16473.3	16796.9	17572.0	18300.0	18933.5	19095.3	20962.4	19540.2	14680.4	5439.4
65°	14963.5	14882.6	15226.4	16102.6	16884.5	17295.6	17302.4	19156.0	20881.5	16648.6	8027.7
67.5°	12058.4	11991.0	12678.5	13804.2	15010.7	15549.9	15792.6	16621.6	19749.1	17983.2	9510.6
70°	7387.4	7528.9	8486.1	10252.0	12314.6	13305.4	13669.4	13925.5	16817.1	17780.9	7953.6
72.5°	3410.6	3242.1	4057.7	5291.1	7643.5	9847.6	10225.1	11229.4	13332.3	15435.3	5931.5
75°	1590.7	1530.1	1718.8	2311.9	3464.5	5318.1	6005.6	8964.6	10225.1	10737.3	4280.1
77.5°	815.6	822.3	977.3	1051.5	1428.9	2460.2	2824.2	5897.8	7495.2	5992.1	2871.4
80°	357.2	370.7	377.5	411.2	579.7	950.4	1071.7	2736.6	5122.6	3053.4	1570.5
82.5°	229.2	235.9	235.9	235.9	276.4	377.5	431.4	1098.7	2554.6	1516.6	485.3
85°	121.3	121.3	134.8	168.5	195.5	229.2	242.7	350.5	842.5	451.6	114.6
87.5°	67.4	74.1	80.9	101.1	128.1	155.0	168.5	242.7	323.5	310.1	27.0
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: P1047293

CATALOG NUMBER: GALN-SA8A-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5
2.5°	175.2	168.5	161.8	155.0	148.3	141.5	141.5	141.5	141.5	141.5	141.5
5°	168.5	161.8	155.0	141.5	128.1	121.3	114.6	107.8	107.8	107.8	107.8
7.5°	168.5	161.8	141.5	128.1	114.6	101.1	87.6	87.6	87.6	87.6	87.6
10°	168.5	155.0	134.8	114.6	94.4	80.9	74.1	67.4	67.4	67.4	67.4
12.5°	168.5	148.3	128.1	101.1	80.9	67.4	60.7	53.9	53.9	53.9	53.9
15°	168.5	148.3	121.3	94.4	74.1	53.9	47.2	40.4	40.4	40.4	40.4
17.5°	161.8	141.5	114.6	80.9	60.7	40.4	33.7	27.0	27.0	33.7	33.7
20°	155.0	134.8	101.1	67.4	47.2	33.7	20.2	20.2	20.2	20.2	20.2
22.5°	155.0	134.8	94.4	60.7	40.4	20.2	13.5	13.5	13.5	13.5	20.2
25°	155.0	128.1	80.9	47.2	27.0	13.5	6.7	6.7	6.7	6.7	6.7
27.5°	155.0	128.1	74.1	40.4	20.2	13.5	6.7	0.0	0.0	0.0	0.0
30°	148.3	121.3	67.4	33.7	13.5	6.7	0.0	0.0	0.0	0.0	0.0
32.5°	148.3	114.6	53.9	27.0	13.5	6.7	0.0	0.0	0.0	0.0	0.0
35°	155.0	107.8	47.2	20.2	6.7	0.0	0.0	0.0	0.0	0.0	6.7
37.5°	161.8	101.1	40.4	13.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	168.5	94.4	40.4	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	182.0	94.4	33.7	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	195.5	94.4	27.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	222.4	101.1	27.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	242.7	107.8	20.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	269.6	101.1	20.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	303.3	101.1	20.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	330.3	94.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	343.8	87.6	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	411.2	80.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	640.3	67.4	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1300.9	60.7	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2426.5	53.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2716.3	60.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1712.0	47.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	903.2	47.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	451.6	47.2	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	208.9	33.7	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	87.6	20.2	13.5	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	40.4	20.2	13.5	13.5	6.7	6.7	0.0	0.0	0.0	0.0	0.0
87.5°	20.2	20.2	20.2	13.5	13.5	6.7	6.7	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

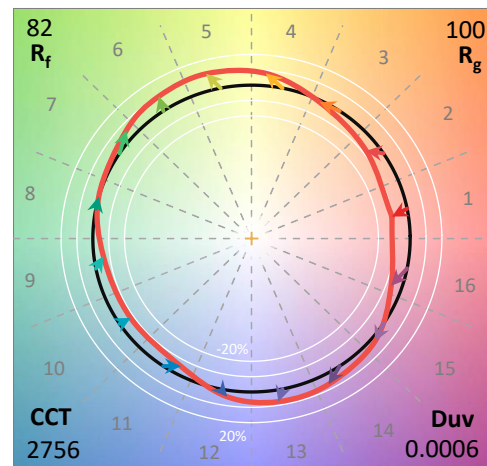
Test Information

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

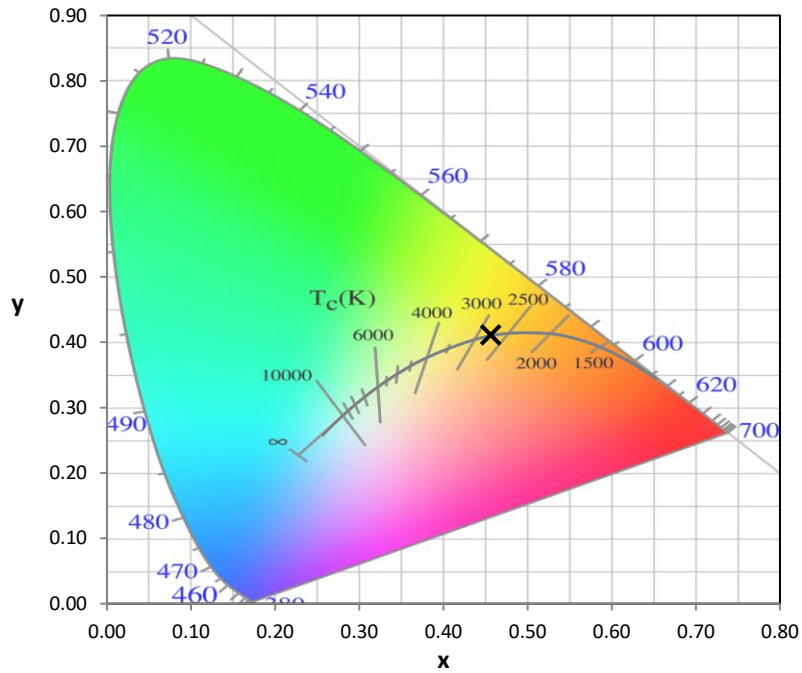
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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

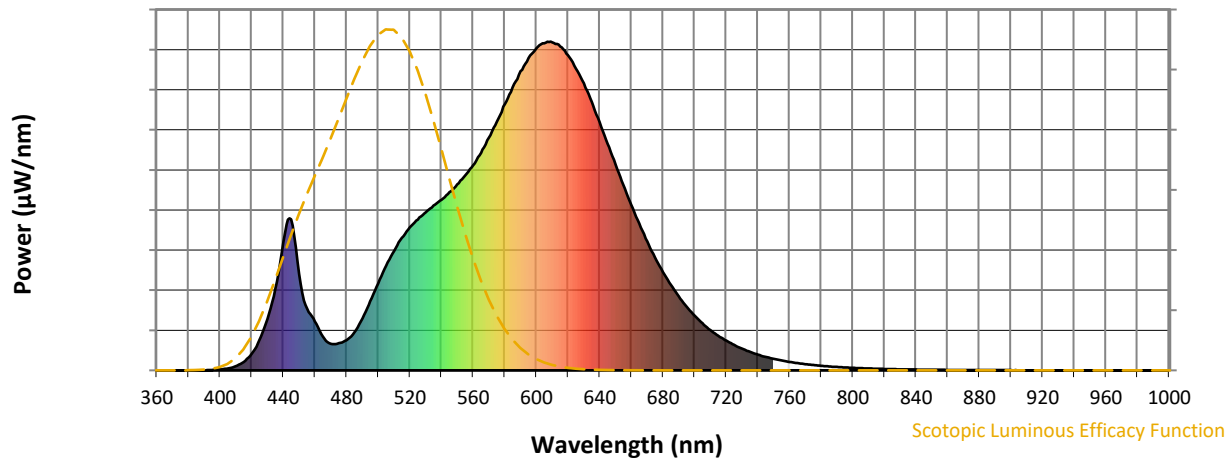


Photopic Lumens: NR

λ (nm)	Power 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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



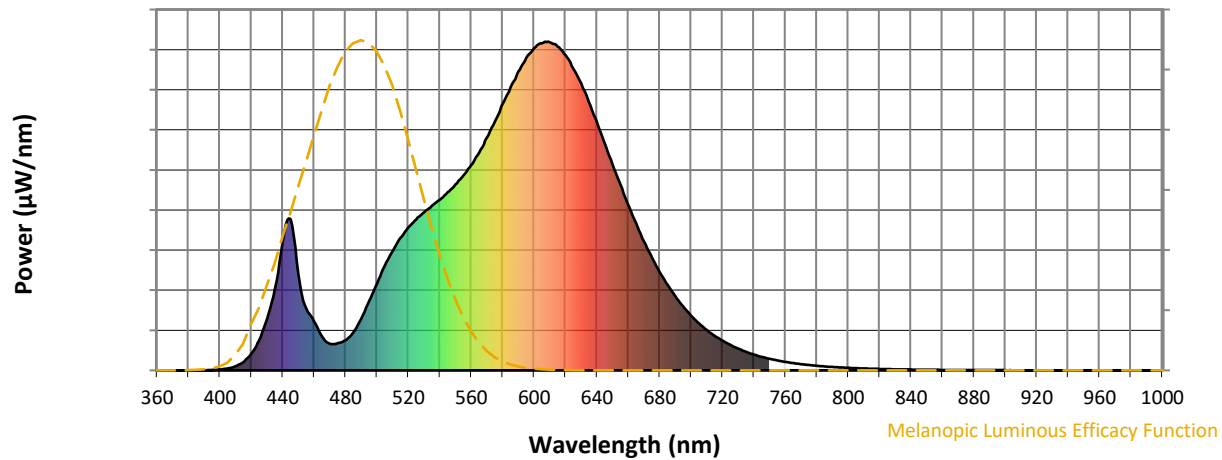
Scotopic Lumens: NR

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

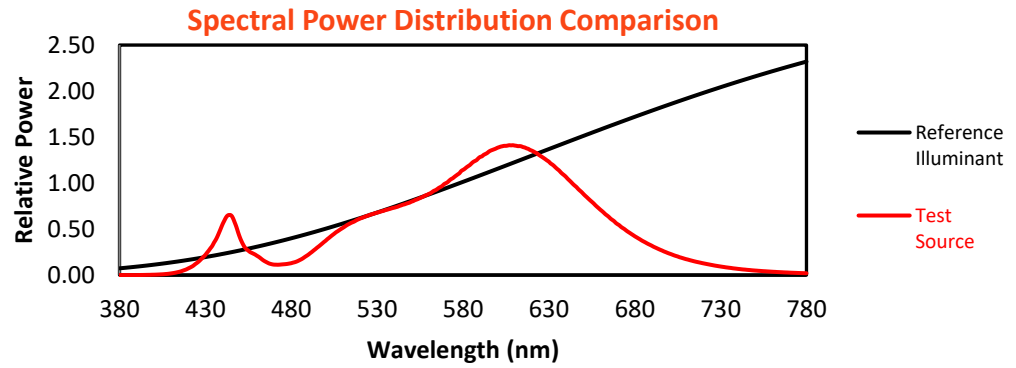
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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

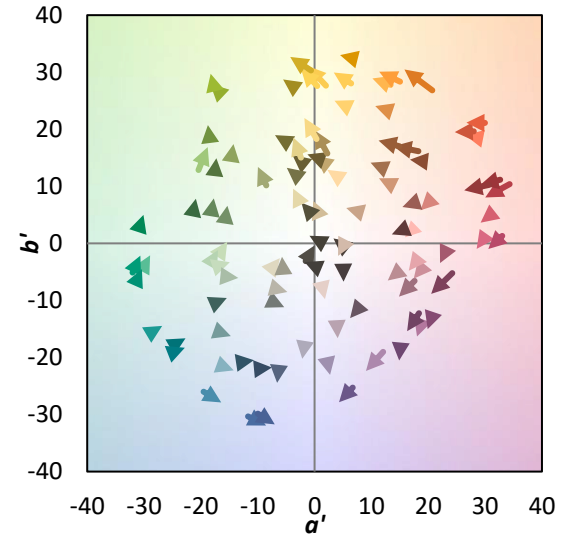
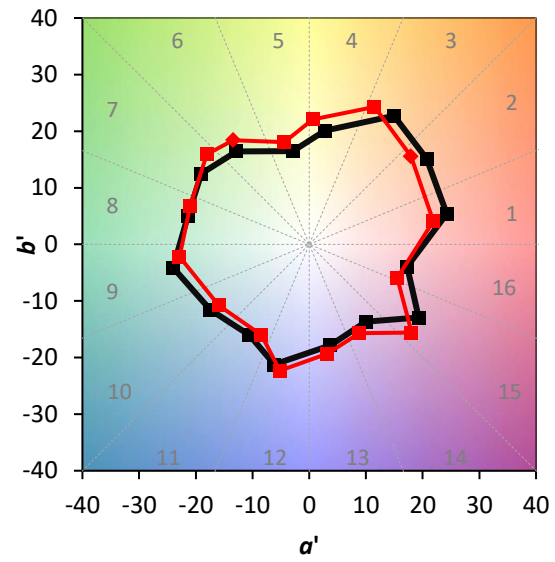
TM-30-18

Summary

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



Color Vector Graphics

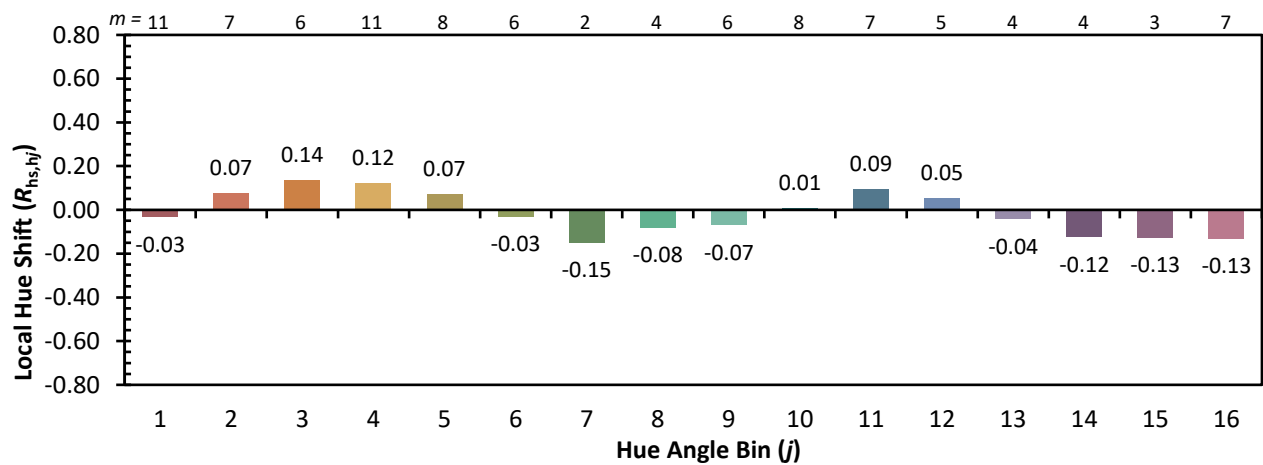


Individual Sample Fidelity Index ($R_{f,i}$)

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)