

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: P1048103

Luminaire Tested: **GALN-SA3C-930-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048103
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11693.1 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 140.4
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



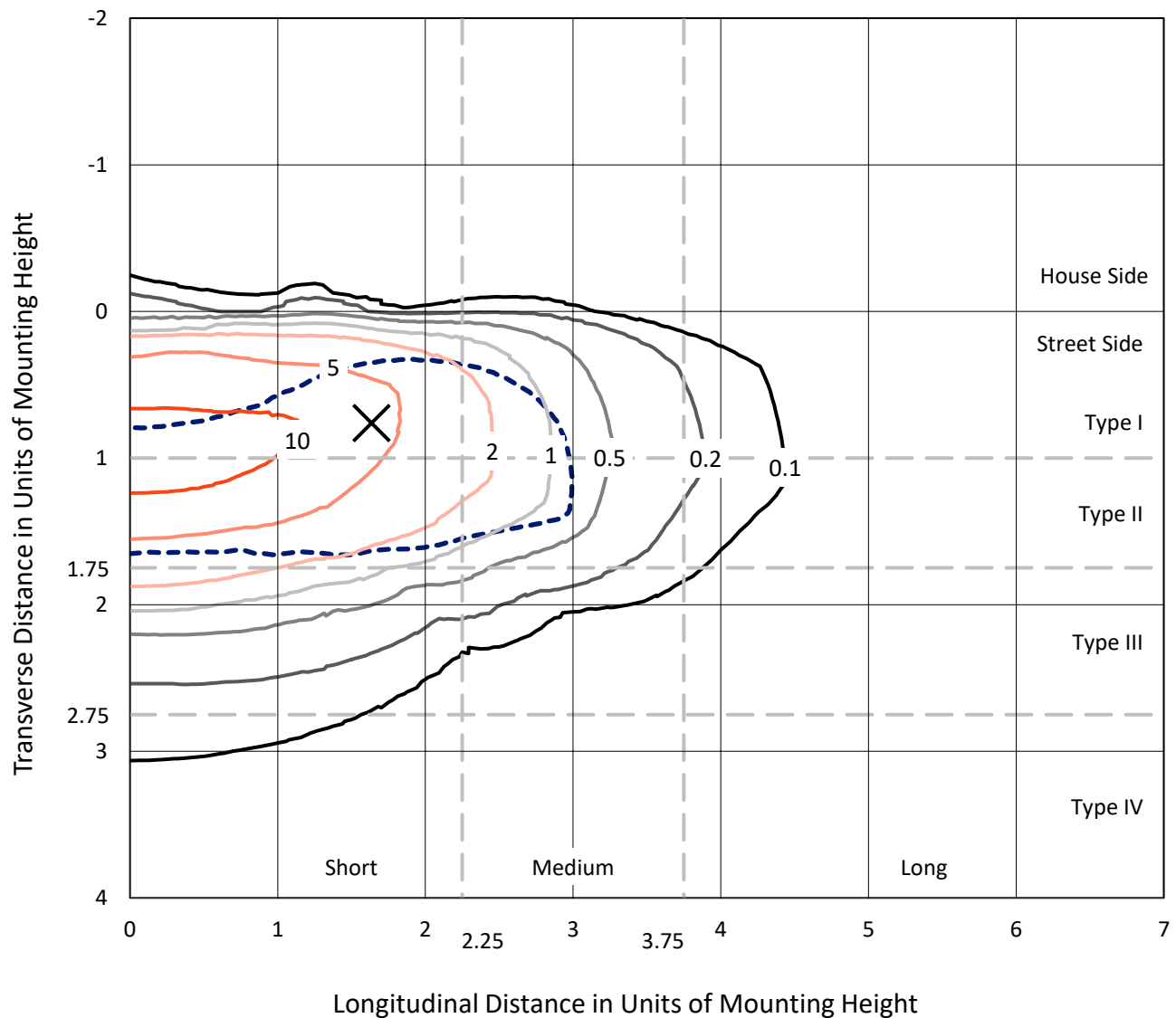
REPORT NUMBER: P1048103

CATALOG NUMBER: GALN-SA3C-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

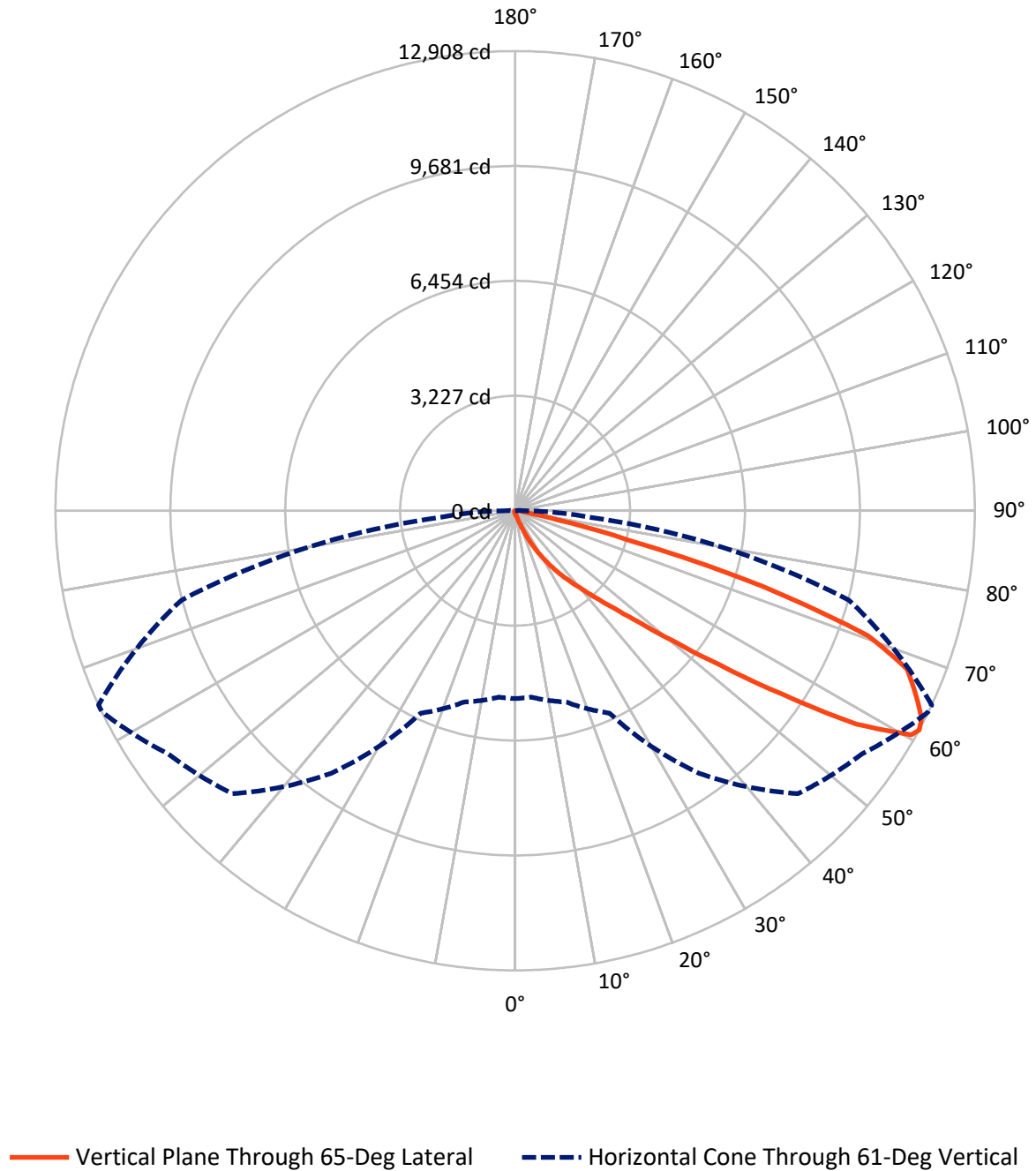


Based on 15 foot mounting height. Maximum calculated value = 15.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1048103

CATALOG NUMBER: GALN-SA3C-930-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048103

CATALOG NUMBER: GALN-SA3C-930-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.9	0.0	49.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11643.3	0.0	11643.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	11693.1	0.0	11693.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.1	0.1
10°-20°	96.2	0.8
20°-30°	345.1	3.0
30°-40°	918.7	7.9
40°-50°	2413.5	20.6
50°-60°	3739.0	32.0
60°-70°	3135.1	26.8
70°-80°	922.6	7.9
80°-90°	113.8	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°	11693.1	100.0
0°-180°	11693.1	100.0



REPORT NUMBER: P1048103

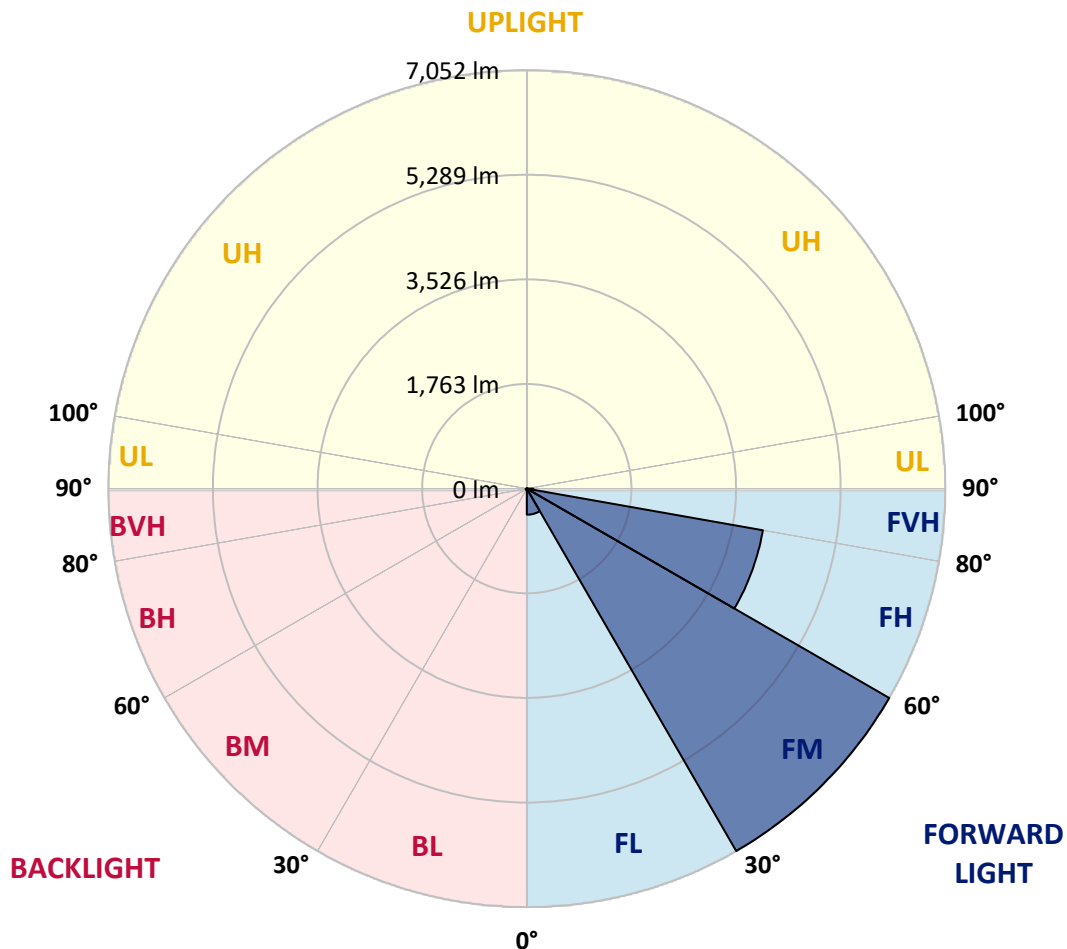
CATALOG NUMBER: GALN-SA3C-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	439.1	3.8			
FM	(30°-60°)	7052.3	60.3			
FH	(60°-80°)	4040.1	34.6			G2/5000
FVH	(80°-90°)	111.7	1.0			G2/225
BL	(0°-30°)	11.2	0.1	B0/110		
BM	(30°-60°)	19.0	0.2	B0/220		
BH	(60°-80°)	17.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G2

Type II Short



REPORT NUMBER: P1048103

CATALOG NUMBER: GALN-SA3C-930-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
2.5°	86.9	87.7	86.1	82.8	80.4	80.4	79.6	77.2	77.2	74.8	73.2
5°	121.5	119.9	116.6	110.2	104.6	98.9	93.3	87.7	86.9	79.6	74.8
7.5°	198.7	200.3	189.8	169.7	152.8	131.1	111.0	98.9	97.3	85.3	75.6
10°	436.0	423.9	399.8	321.7	264.6	199.5	148.0	115.0	113.4	91.7	77.2
12.5°	794.7	785.1	740.8	660.4	513.2	357.1	216.4	142.4	137.5	97.3	78.0
15°	1145.4	1130.1	1106.0	1024.8	852.6	640.3	353.9	194.7	181.8	105.4	77.2
17.5°	1369.0	1371.4	1349.7	1315.1	1204.1	947.5	611.3	290.4	265.4	119.9	75.6
20°	1564.5	1558.9	1570.9	1552.4	1474.4	1287.8	889.6	460.1	417.5	143.2	76.4
22.5°	1789.7	1803.4	1812.2	1808.2	1722.1	1562.9	1205.7	688.5	634.6	185.8	78.8
25°	2091.3	2089.7	2090.5	2080.1	1996.4	1819.5	1522.7	972.5	917.8	255.0	84.5
27.5°	2407.5	2417.1	2421.1	2383.3	2273.9	2100.2	1816.3	1283.0	1218.6	366.0	91.7
30°	2839.4	2831.4	2812.9	2735.6	2602.9	2387.4	2105.8	1608.7	1541.2	521.2	103.0
32.5°	3421.8	3412.9	3319.6	3149.1	2950.4	2686.6	2397.0	1935.3	1853.3	715.1	118.2
35°	4381.4	4395.0	4165.8	3724.2	3367.9	3046.1	2719.6	2260.3	2187.9	954.0	139.2
37.5°	5850.9	5776.1	5464.8	4684.6	3917.2	3495.0	3027.6	2588.4	2525.7	1248.4	166.5
40°	7278.7	7204.7	7114.6	6375.4	4872.0	3989.6	3458.8	2973.7	2892.5	1580.6	206.7
42.5°	8779.6	8738.6	8734.6	8177.2	6614.3	4767.5	3977.6	3425.0	3355.8	1945.0	272.7
45°	9843.0	9802.0	9888.0	9985.4	8987.2	6434.1	4880.9	4011.4	3910.8	2387.4	378.1
47.5°	9986.2	9987.8	10217.8	10522.7	10750.3	9012.1	6084.2	4788.4	4666.1	3020.4	555.0
50°	9510.0	9528.5	9894.5	10439.8	11052.8	11175.0	8206.1	5916.1	5735.1	3770.9	806.0
52.5°	8603.5	8624.4	9134.4	10031.2	10774.4	11694.6	10704.5	7391.3	7183.0	4707.1	1159.9
55°	7787.0	7799.9	8384.7	9518.0	10439.0	11412.3	12187.7	9361.2	9087.7	5859.0	1509.0
57.5°	6978.7	6948.9	7329.4	8626.8	10381.9	11065.6	12406.5	11606.2	11304.5	7117.8	1780.9
60°	5897.6	5847.7	6153.4	6978.7	9630.6	11293.3	11997.1	12848.1	12779.7	8870.5	1990.8
61°	5275.8	5254.9	5562.2	6270.0	8998.4	11235.3	11898.9	12900.4	12907.6	9699.8	2084.9
62.5°	3767.6	3827.2	4296.9	5217.1	7536.9	10859.7	11911.8	12738.7	12810.3	10801.8	2328.6
65°	1674.7	1770.4	2135.6	2884.4	4383.0	9033.8	11797.6	12384.0	12348.6	11104.2	3168.4
67.5°	993.4	1007.9	1189.7	1634.5	2321.4	4859.2	10410.9	11915.0	11867.6	9666.8	3942.2
70°	782.6	789.9	847.8	1025.6	1347.3	1861.3	5941.8	10308.7	10515.4	7838.5	3859.3
72.5°	742.4	740.8	748.9	780.2	848.6	923.4	2300.5	6852.4	7273.1	5645.0	3236.0
75°	732.8	729.6	721.5	709.4	614.5	543.7	712.7	3030.8	3274.6	3856.9	2436.4
77.5°	711.1	711.9	713.5	680.5	526.9	384.5	345.1	972.5	1196.1	2447.7	1731.8
80°	481.0	488.2	500.3	487.4	473.8	278.3	243.7	345.9	350.7	1373.9	1143.8
82.5°	243.7	243.7	238.1	212.4	183.4	181.0	193.9	251.0	254.2	695.0	538.1
85°	147.2	155.2	158.5	144.0	131.9	121.5	148.0	199.5	206.7	269.5	125.5
87.5°	33.0	33.8	37.0	49.1	71.6	97.3	137.5	182.6	185.8	172.9	15.3
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: P1048103

CATALOG NUMBER: GALN-SA3C-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
2.5°	72.4	70.8	70.0	67.6	65.2	62.7	61.1	60.3	61.1	61.9	61.9
5°	71.6	69.2	65.2	61.1	57.9	54.7	51.5	50.7	50.7	51.5	51.5
7.5°	71.6	67.6	61.9	57.1	52.3	47.5	45.0	43.4	44.2	44.2	44.2
10°	71.6	66.8	59.5	52.3	46.7	41.0	37.0	35.4	35.4	35.4	35.4
12.5°	70.8	66.0	57.1	48.3	40.2	33.8	29.0	26.5	27.3	27.3	27.3
15°	69.2	63.5	53.9	41.0	32.2	25.7	20.9	18.5	19.3	20.9	21.7
17.5°	66.8	61.1	48.3	34.6	25.7	19.3	14.5	12.9	13.7	16.1	16.1
20°	66.0	58.7	42.6	28.2	19.3	13.7	9.7	8.0	8.8	12.1	12.9
22.5°	66.0	57.1	38.6	23.3	14.5	8.8	5.6	3.2	3.2	5.6	5.6
25°	66.8	56.3	35.4	19.3	10.5	6.4	3.2	1.6	3.2	8.8	10.5
27.5°	68.4	55.5	33.8	16.1	8.0	5.6	2.4	5.6	9.7	9.7	9.7
30°	70.0	53.9	31.4	13.7	7.2	4.0	4.0	8.0	8.0	9.7	10.5
32.5°	72.4	53.1	29.8	12.1	5.6	3.2	5.6	4.8	4.8	5.6	6.4
35°	77.2	53.9	28.2	12.1	5.6	4.0	4.8	2.4	1.6	1.6	1.6
37.5°	83.7	54.7	25.7	10.5	4.8	4.8	2.4	0.0	0.0	0.0	0.0
40°	94.1	57.1	24.1	9.7	4.0	4.0	0.8	0.0	0.0	0.0	0.0
42.5°	111.8	61.9	23.3	8.8	4.0	3.2	0.0	0.0	0.0	0.0	0.0
45°	147.2	73.2	21.7	8.0	4.0	1.6	0.0	0.0	0.0	0.0	0.0
47.5°	211.5	99.7	20.9	6.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	308.9	135.1	20.1	5.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	394.1	142.4	13.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	403.8	98.1	10.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	321.7	63.5	8.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	243.7	48.3	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	234.1	43.4	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	258.2	37.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	419.9	31.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	729.6	27.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	921.8	25.7	4.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	803.6	23.3	4.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	483.4	20.1	4.8	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	253.4	15.3	4.8	4.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0
80°	123.1	13.7	5.6	4.0	3.2	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	48.3	11.3	6.4	5.6	4.0	2.4	0.8	0.0	0.0	0.0	0.0
85°	21.7	9.7	7.2	6.4	5.6	3.2	0.8	0.0	0.0	0.0	0.0
87.5°	11.3	8.8	8.0	7.2	5.6	4.0	1.6	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

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

REPORT NUMBER: SP1-2407-184-14

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: SP1-2407-184-14

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

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

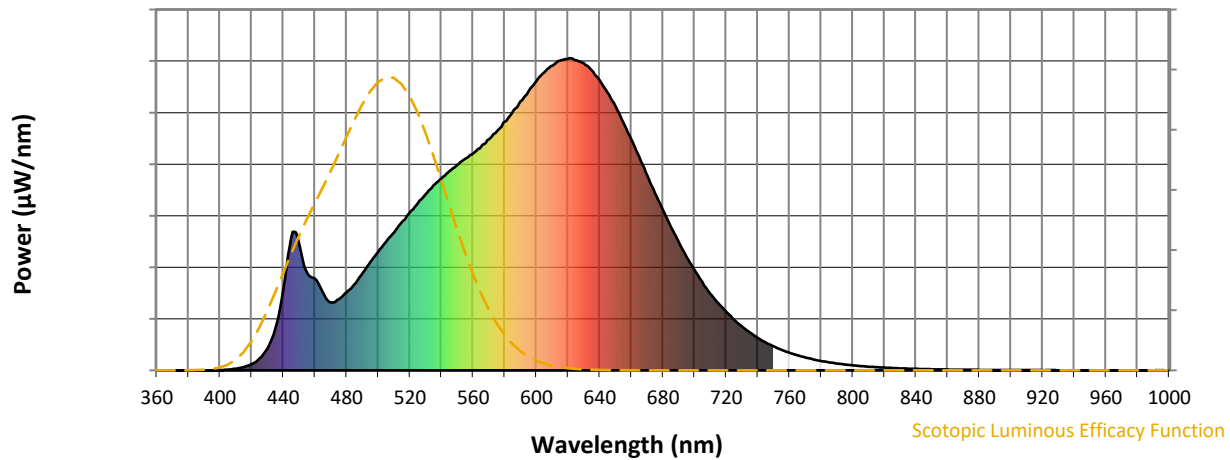


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



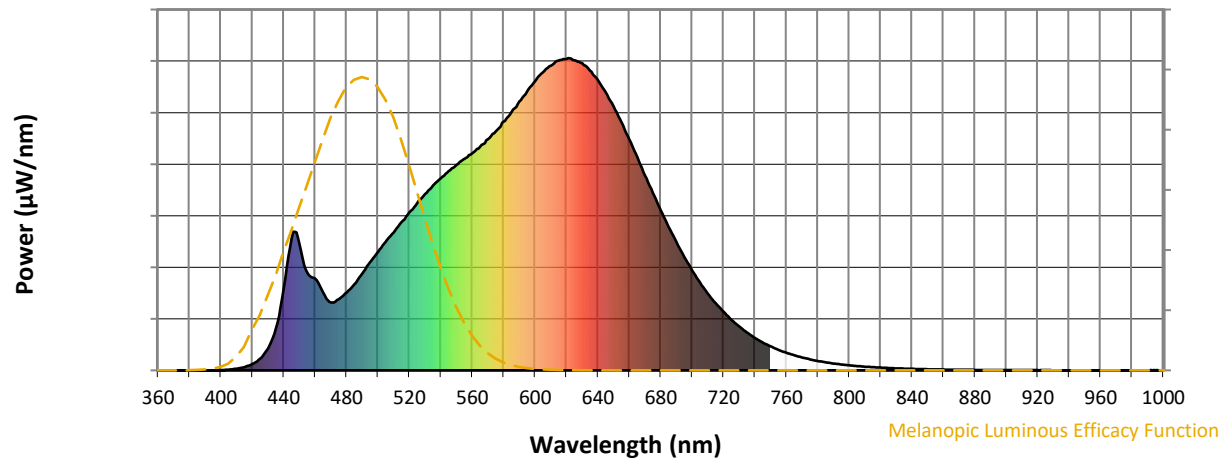
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

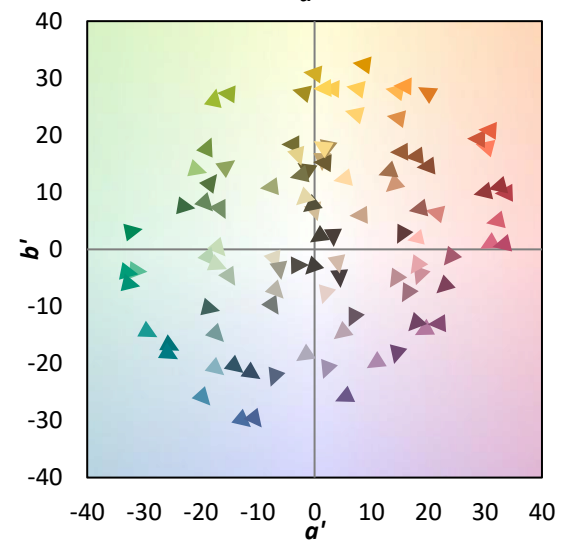
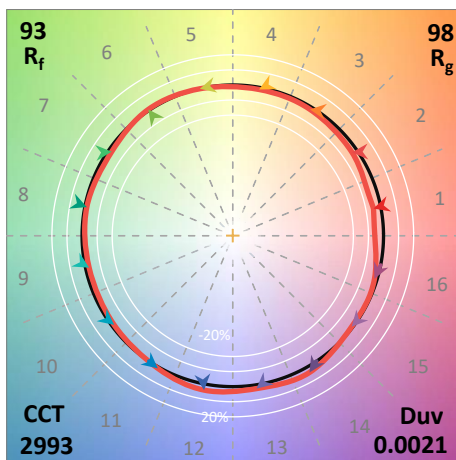
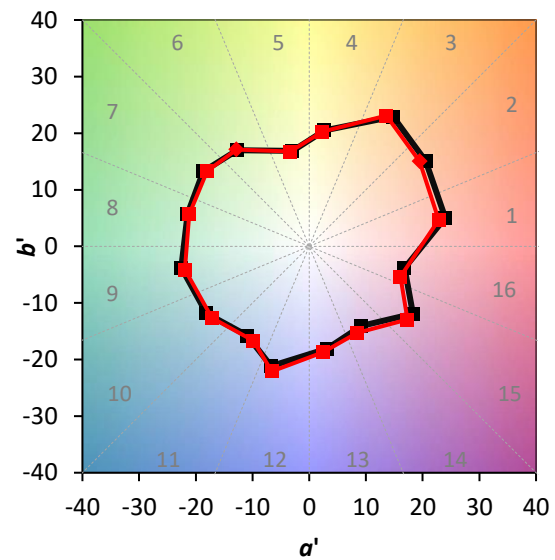
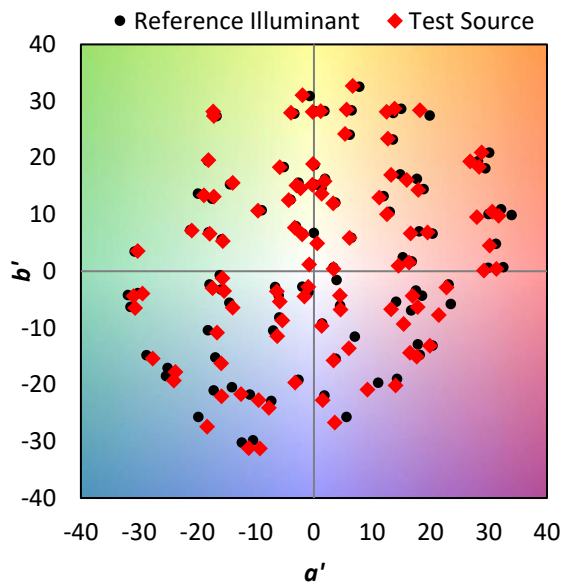
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

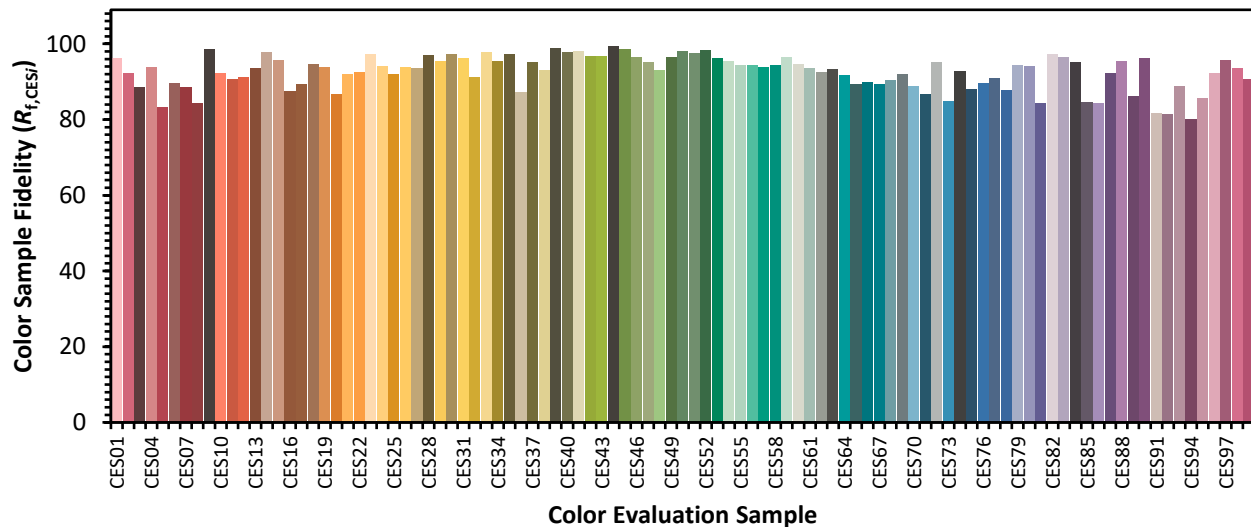


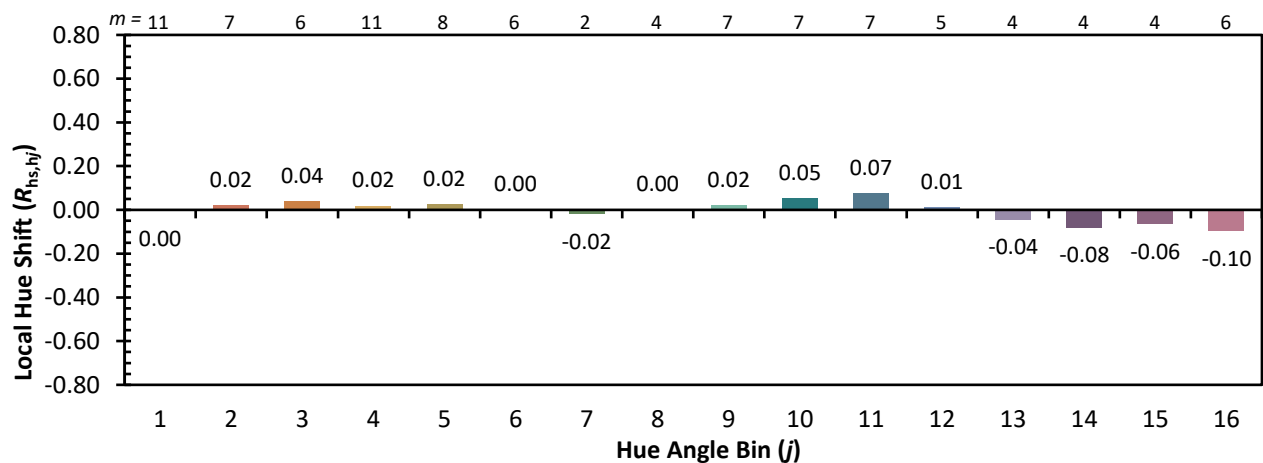
Color Vector Graphics



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

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)