

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: P1047509

Luminaire Tested: **GALN-SA8A-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047509
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20705.3 lumens
Efficiency: N/A
Efficacy: 95.2 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

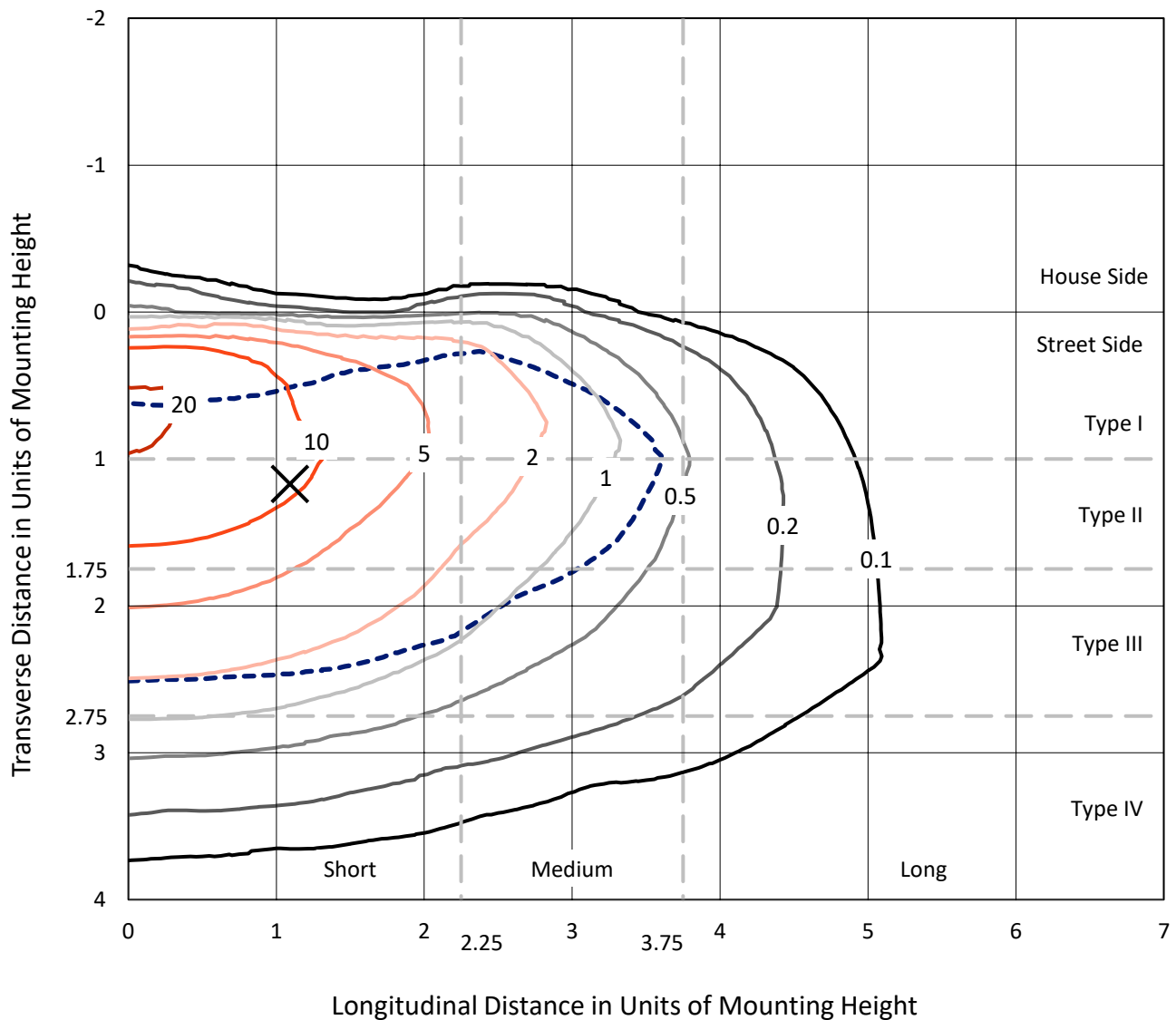


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CATALOG NUMBER: GALN-SA8A-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

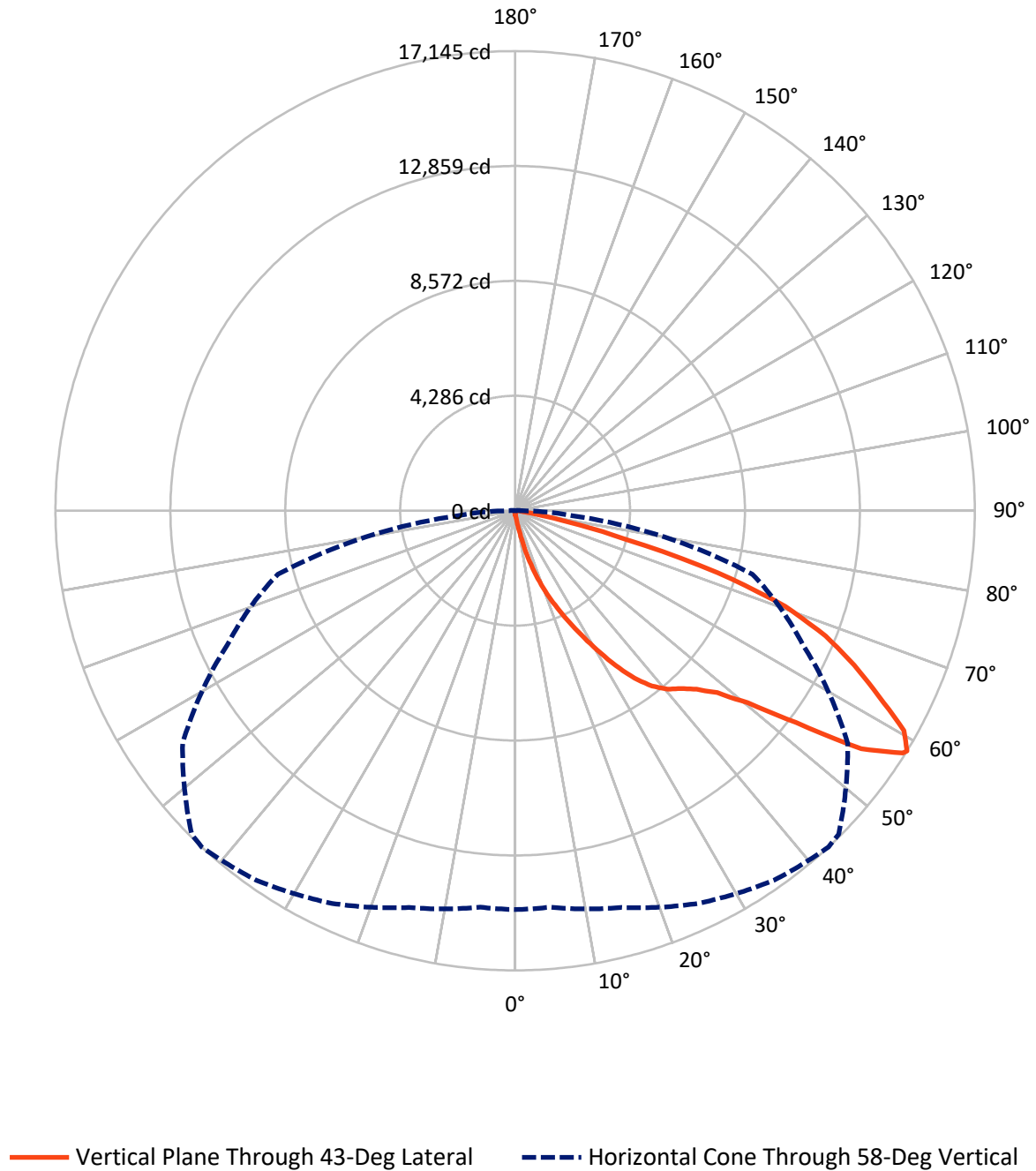


Based on 15 foot mounting height. Maximum calculated value = 23.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	75.6	0.0	75.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20629.7	0.0	20629.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	20705.3	0.0	20705.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.8	0.1
10°-20°	238.0	1.1
20°-30°	857.8	4.1
30°-40°	1962.7	9.5
40°-50°	3310.4	16.0
50°-60°	5462.9	26.4
60°-70°	6105.5	29.5
70°-80°	2520.9	12.2
80°-90°	227.2	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°	20705.3	100.0
0°-180°	20705.3	100.0



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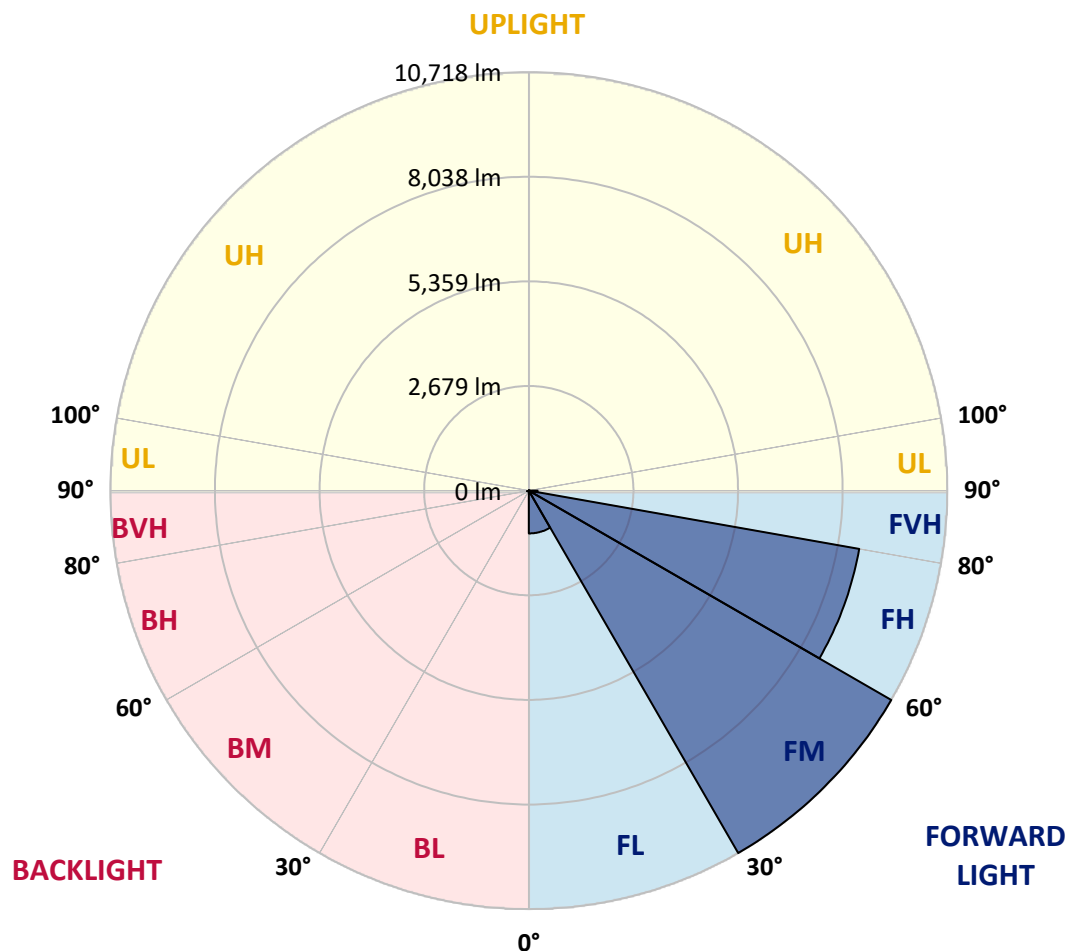
CATALOG NUMBER: GALN-SA8A-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1096.0	5.3			
FM	(30°-60°)	10717.9	51.8			
FH	(60°-80°)	8591.7	41.5			G4/12000
FVH	(80°-90°)	224.1	1.1			G2/225
BL	(0°-30°)	19.7	0.1	B0/110		
BM	(30°-60°)	18.1	0.1	B0/220		
BH	(60°-80°)	34.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4
2.5°	162.5	167.9	162.5	162.5	162.5	157.0	157.0	151.6	151.6	146.2	140.8
5°	238.3	238.3	222.0	211.2	200.4	195.0	189.5	178.7	167.9	157.0	146.2
7.5°	530.7	530.7	482.0	417.0	330.3	281.6	270.8	222.0	189.5	167.9	146.2
10°	1267.2	1267.2	1158.9	980.2	758.1	563.2	503.6	319.5	227.4	178.7	151.6
12.5°	2106.5	2133.6	1998.2	1770.8	1440.5	1099.3	980.2	584.9	303.3	195.0	151.6
15°	2859.3	2794.3	2756.4	2539.8	2225.7	1819.5	1667.9	985.6	438.6	222.0	151.6
17.5°	3368.3	3368.3	3314.2	3167.9	2880.9	2523.5	2399.0	1592.1	709.4	254.5	157.0
20°	3964.0	3964.0	3866.5	3763.6	3509.1	3205.9	3086.7	2263.6	1099.3	324.9	157.0
22.5°	4684.2	4695.1	4586.7	4402.6	4158.9	3823.2	3720.3	2886.3	1592.1	433.2	162.5
25°	5561.5	5572.3	5415.3	5242.0	4868.3	4505.5	4348.5	3601.2	2193.2	606.5	162.5
27.5°	6530.8	6606.7	6373.8	6076.0	5680.6	5225.8	5106.6	4245.6	2788.9	855.6	173.3
30°	7738.4	7738.4	7429.8	7012.8	6585.0	6021.8	5870.2	4922.5	3422.5	1185.9	184.1
32.5°	8778.2	8697.0	8301.6	7863.0	7408.1	6882.8	6720.4	5631.9	4072.3	1597.5	205.8
35°	9574.2	9503.8	9016.5	8545.3	8150.0	7668.0	7473.1	6400.9	4760.0	2063.2	238.3
37.5°	10256.6	10229.5	9568.8	8978.5	8718.6	8296.2	8122.9	7126.5	5436.9	2566.8	276.2
40°	11003.9	10917.2	10213.2	9482.2	9092.3	8751.1	8594.1	7711.4	6086.8	3157.1	330.3
42.5°	11642.9	11540.0	10906.4	10191.6	9525.5	9065.2	8913.6	8204.2	6720.4	3747.4	400.7
45°	12352.3	12298.1	11659.1	11117.6	10229.5	9493.0	9292.6	8599.5	7299.8	4451.4	492.8
47.5°	13419.1	13321.6	12725.9	12281.9	11253.0	10142.8	9855.8	9005.6	7857.6	5144.5	633.6
50°	14659.2	14594.2	14242.2	13890.2	12866.7	11253.0	10911.8	9590.5	8480.3	5967.6	817.7
52.5°	15671.8	15661.0	15704.3	15709.8	14935.4	13121.2	12612.2	10532.7	9195.2	6779.9	1077.6
55°	15650.2	15698.9	16175.5	16722.4	16782.0	15671.8	15179.1	12119.4	10126.6	7781.8	1440.5
57.5°	15065.3	15027.4	15531.0	16354.2	16933.6	17052.7	16971.5	14583.4	11529.1	8989.4	1998.2
58°	14875.8	14843.3	15319.9	16159.2	16825.3	17144.8	17063.6	15141.1	11843.2	9162.7	2149.9
60°	14188.1	14193.5	14475.1	15238.6	15904.7	16662.8	16738.7	16733.2	13408.3	10321.5	2913.4
62.5°	13278.3	13235.0	13494.9	14117.7	14702.5	15211.5	15341.5	16841.5	15698.9	11794.5	4370.1
65°	12021.9	11957.0	12233.1	12937.1	13565.3	13895.6	13901.0	15390.3	16776.6	13375.8	6449.6
67.5°	9688.0	9633.8	10186.2	11090.5	12059.8	12493.1	12688.0	13354.1	15866.8	14448.0	7641.0
70°	5935.2	6048.9	6817.8	8236.7	9893.7	10689.8	10982.2	11188.0	13511.1	14285.5	6390.0
72.5°	2740.1	2604.8	3260.0	4251.0	6140.9	7911.7	8215.0	9021.9	10711.4	12401.0	4765.5
75°	1278.0	1229.3	1380.9	1857.4	2783.5	4272.7	4825.0	7202.3	8215.0	8626.6	3438.7
77.5°	655.2	660.7	785.2	844.8	1148.0	1976.6	2269.0	4738.4	6021.8	4814.2	2306.9
80°	287.0	297.8	303.3	330.3	465.7	763.6	861.0	2198.6	4115.6	2453.1	1261.8
82.5°	184.1	189.5	189.5	189.5	222.0	303.3	346.6	882.7	2052.4	1218.4	389.9
85°	97.5	97.5	108.3	135.4	157.0	184.1	195.0	281.6	676.9	362.8	92.1
87.5°	54.2	59.6	65.0	81.2	102.9	124.6	135.4	195.0	259.9	249.1	21.7
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-SA8A-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4	135.4
2.5°	140.8	135.4	130.0	124.6	119.1	113.7	113.7	113.7	113.7	113.7	113.7
5°	135.4	130.0	124.6	113.7	102.9	97.5	92.1	86.6	86.6	86.6	86.6
7.5°	135.4	130.0	113.7	102.9	92.1	81.2	70.4	70.4	70.4	70.4	70.4
10°	135.4	124.6	108.3	92.1	75.8	65.0	59.6	54.2	54.2	54.2	54.2
12.5°	135.4	119.1	102.9	81.2	65.0	54.2	48.7	43.3	43.3	43.3	43.3
15°	135.4	119.1	97.5	75.8	59.6	43.3	37.9	32.5	32.5	32.5	32.5
17.5°	130.0	113.7	92.1	65.0	48.7	32.5	27.1	21.7	21.7	27.1	27.1
20°	124.6	108.3	81.2	54.2	37.9	27.1	16.2	16.2	16.2	16.2	16.2
22.5°	124.6	108.3	75.8	48.7	32.5	16.2	10.8	10.8	10.8	10.8	16.2
25°	124.6	102.9	65.0	37.9	21.7	10.8	5.4	5.4	5.4	5.4	5.4
27.5°	124.6	102.9	59.6	32.5	16.2	10.8	5.4	0.0	0.0	0.0	0.0
30°	119.1	97.5	54.2	27.1	10.8	5.4	0.0	0.0	0.0	0.0	0.0
32.5°	119.1	92.1	43.3	21.7	10.8	5.4	0.0	0.0	0.0	0.0	0.0
35°	124.6	86.6	37.9	16.2	5.4	0.0	0.0	0.0	0.0	0.0	5.4
37.5°	130.0	81.2	32.5	10.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	135.4	75.8	32.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	146.2	75.8	27.1	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	157.0	75.8	21.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	178.7	81.2	21.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	195.0	86.6	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	216.6	81.2	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	243.7	81.2	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	265.3	75.8	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	276.2	70.4	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	330.3	65.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	514.5	54.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1045.2	48.7	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1949.5	43.3	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2182.4	48.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1375.5	37.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	725.6	37.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	362.8	37.9	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	167.9	27.1	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	70.4	16.2	10.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.5	16.2	10.8	10.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0
87.5°	16.2	16.2	16.2	10.8	10.8	5.4	5.4	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: SP1-2407-184-14

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

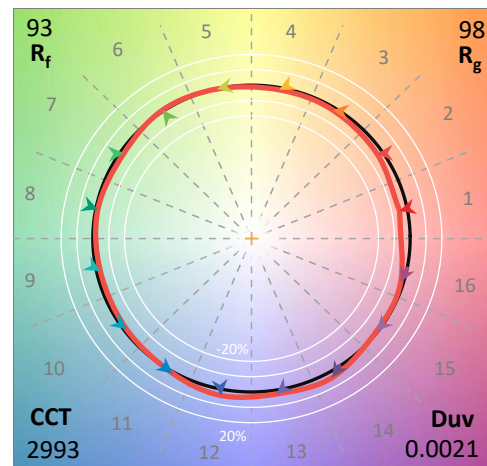
Test Information

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

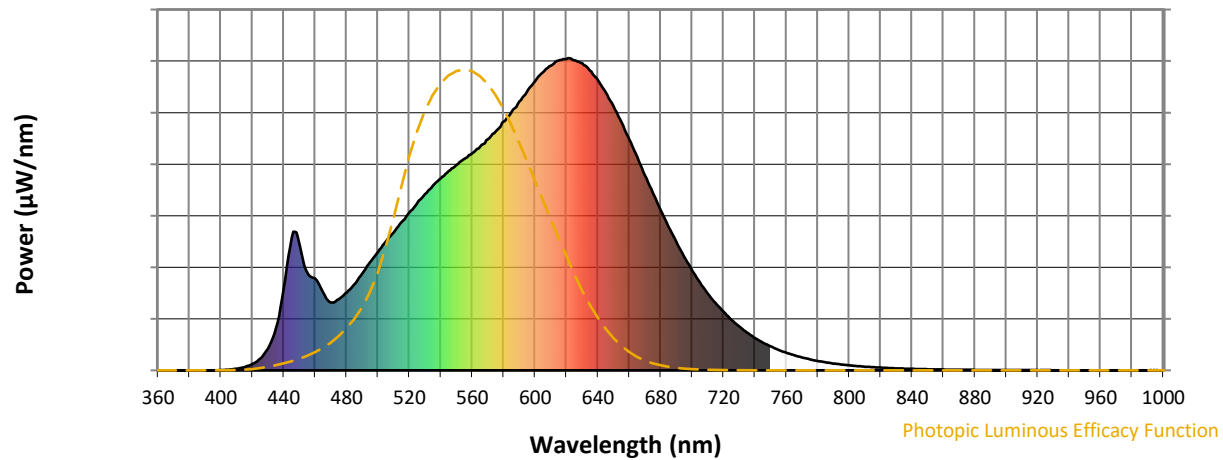
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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

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Photopic Flux vs. Wavelength

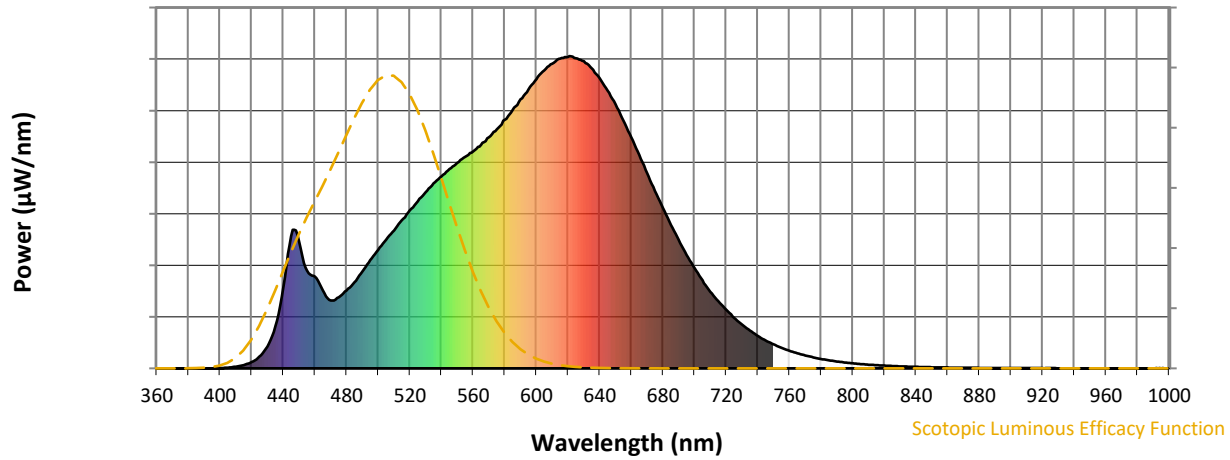


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



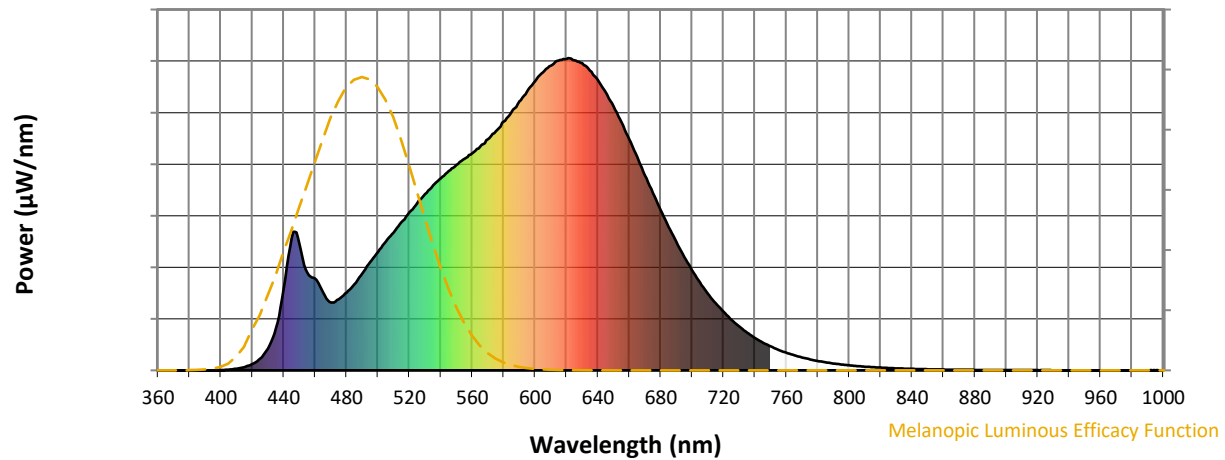
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

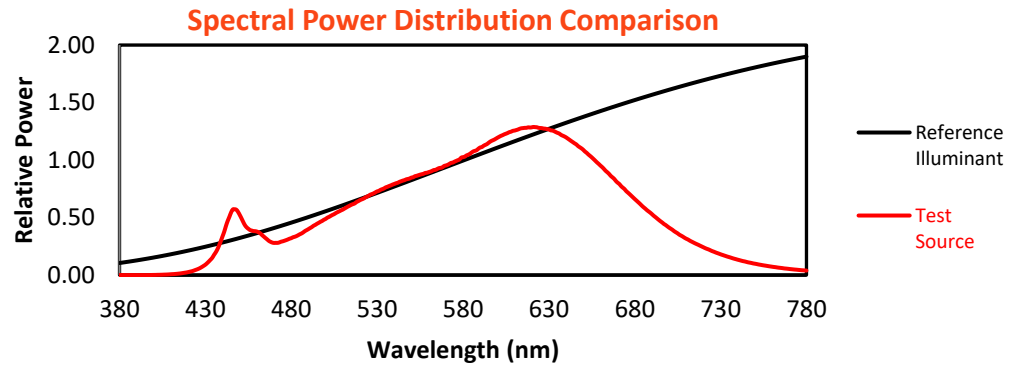
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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			

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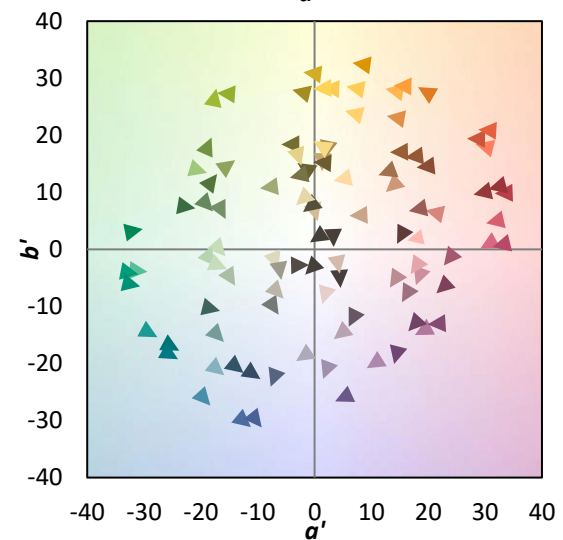
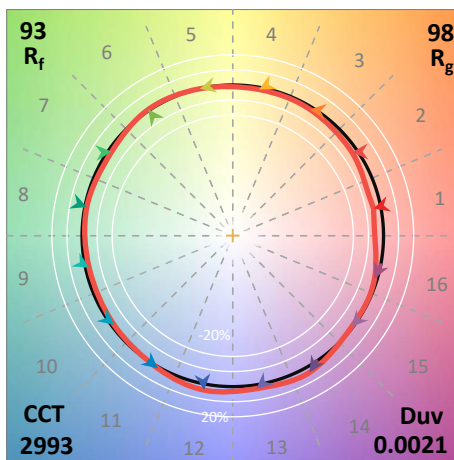
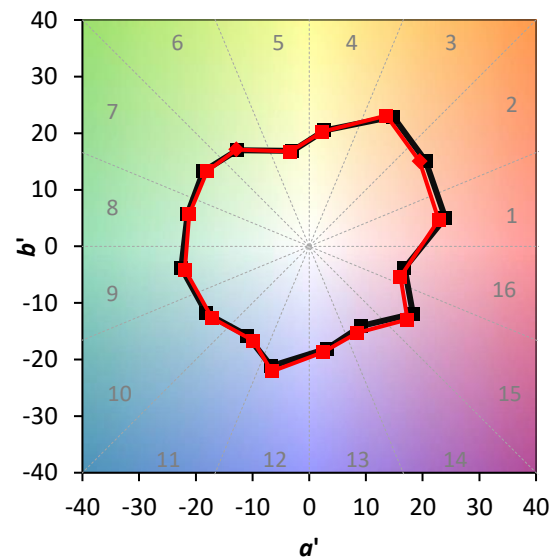
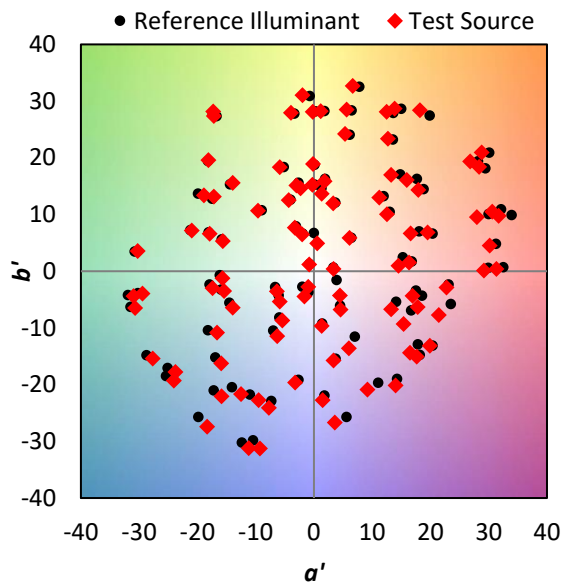
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

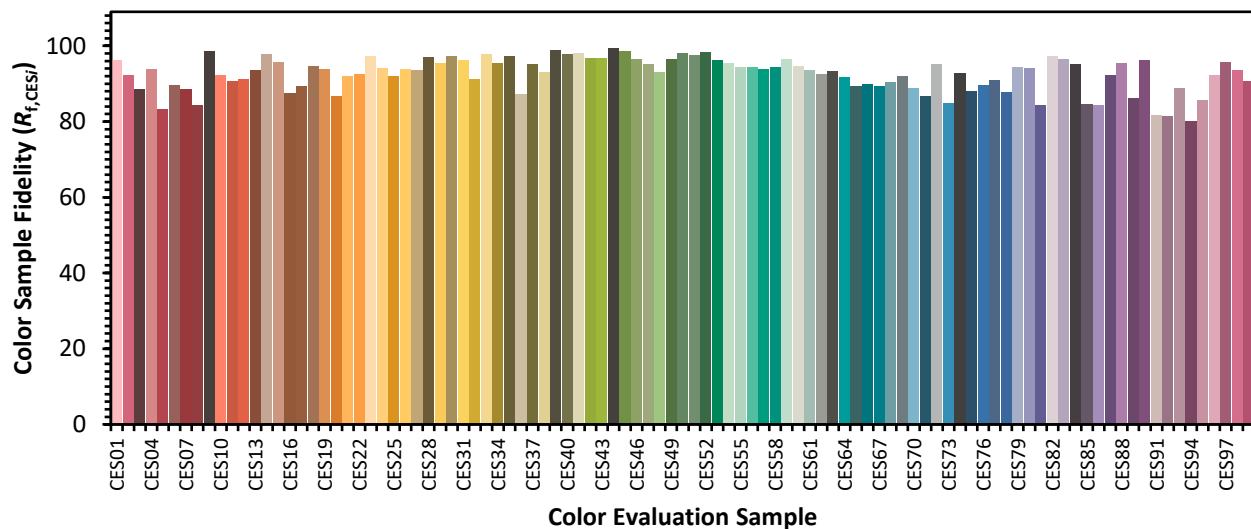


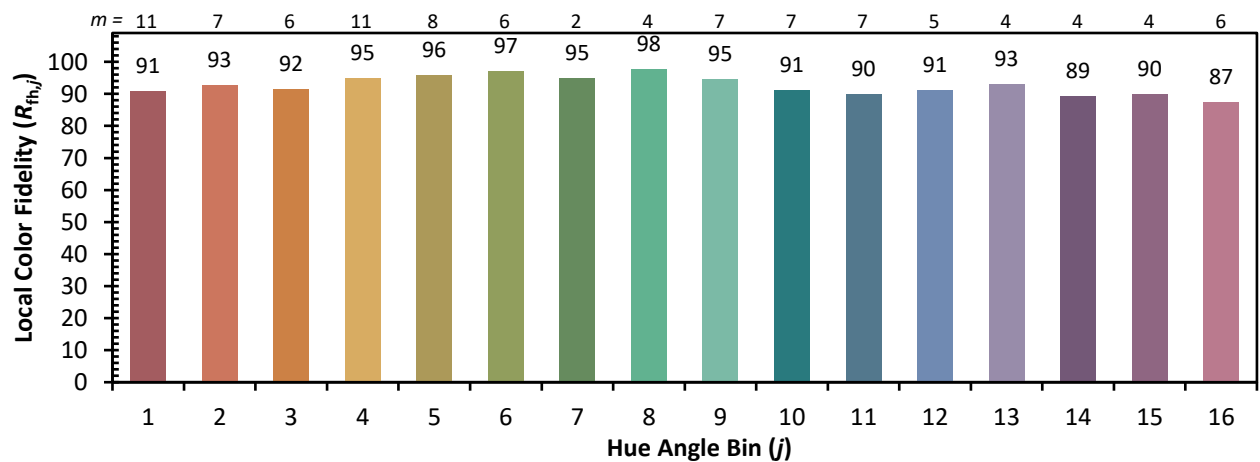
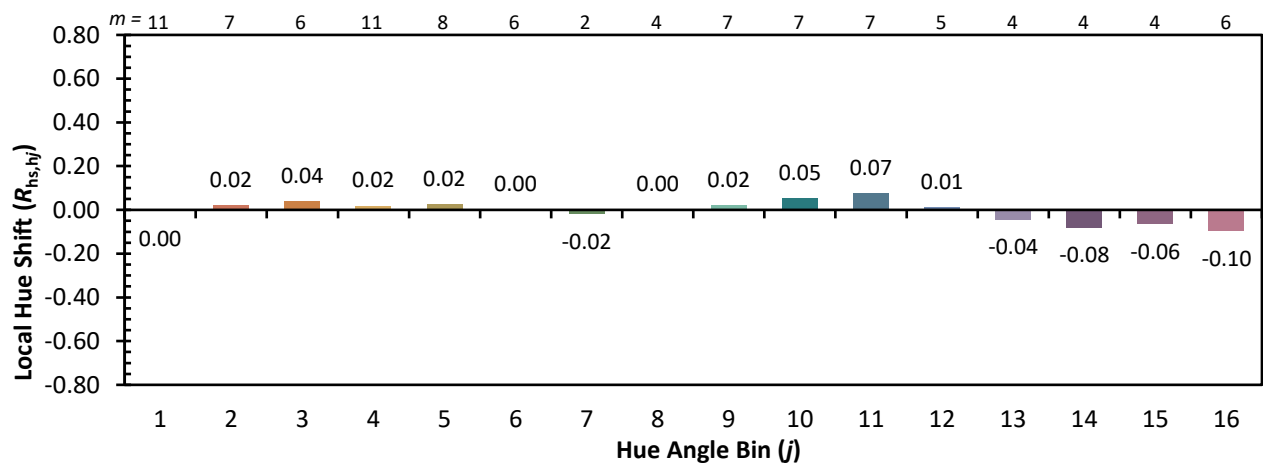
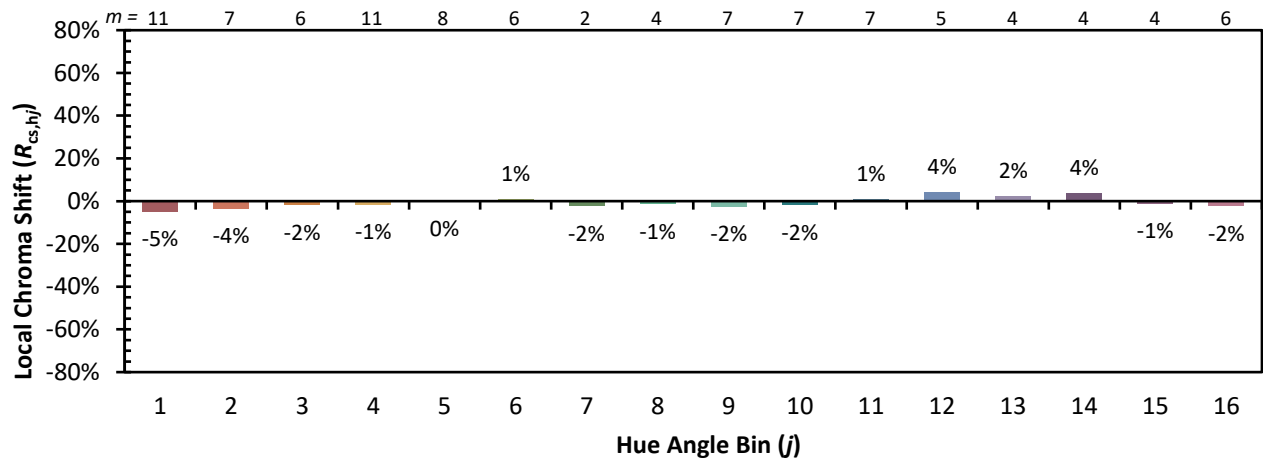
Color Vector Graphics



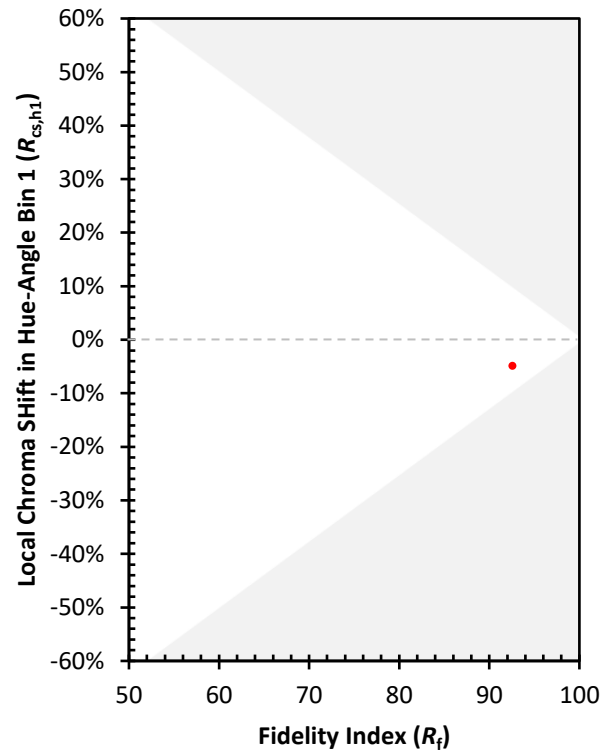
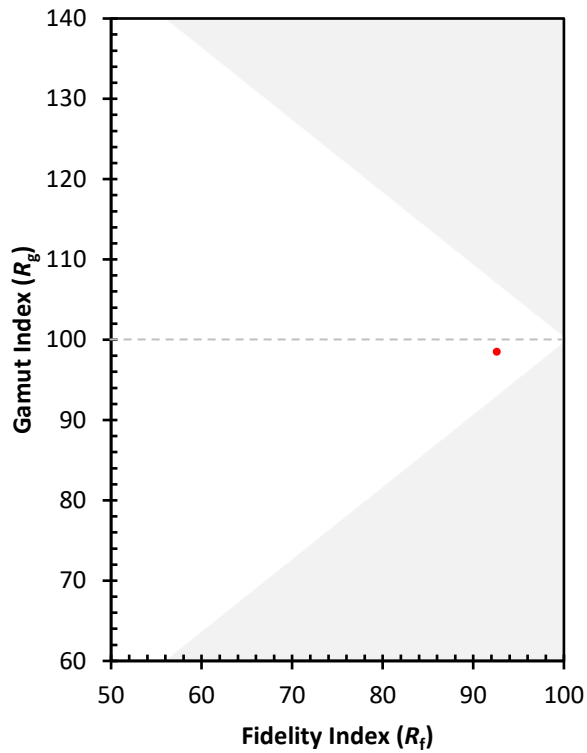
Individual Sample Fidelity Index ($R_{f,i}$)

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)