

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: STREETWORKS

Report Number: P1063681

Luminaire Tested: **GLAN-SA7A-850-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063681
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7A-850-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22639.1 lumens
Efficiency: N/A
Efficacy: 117.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

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

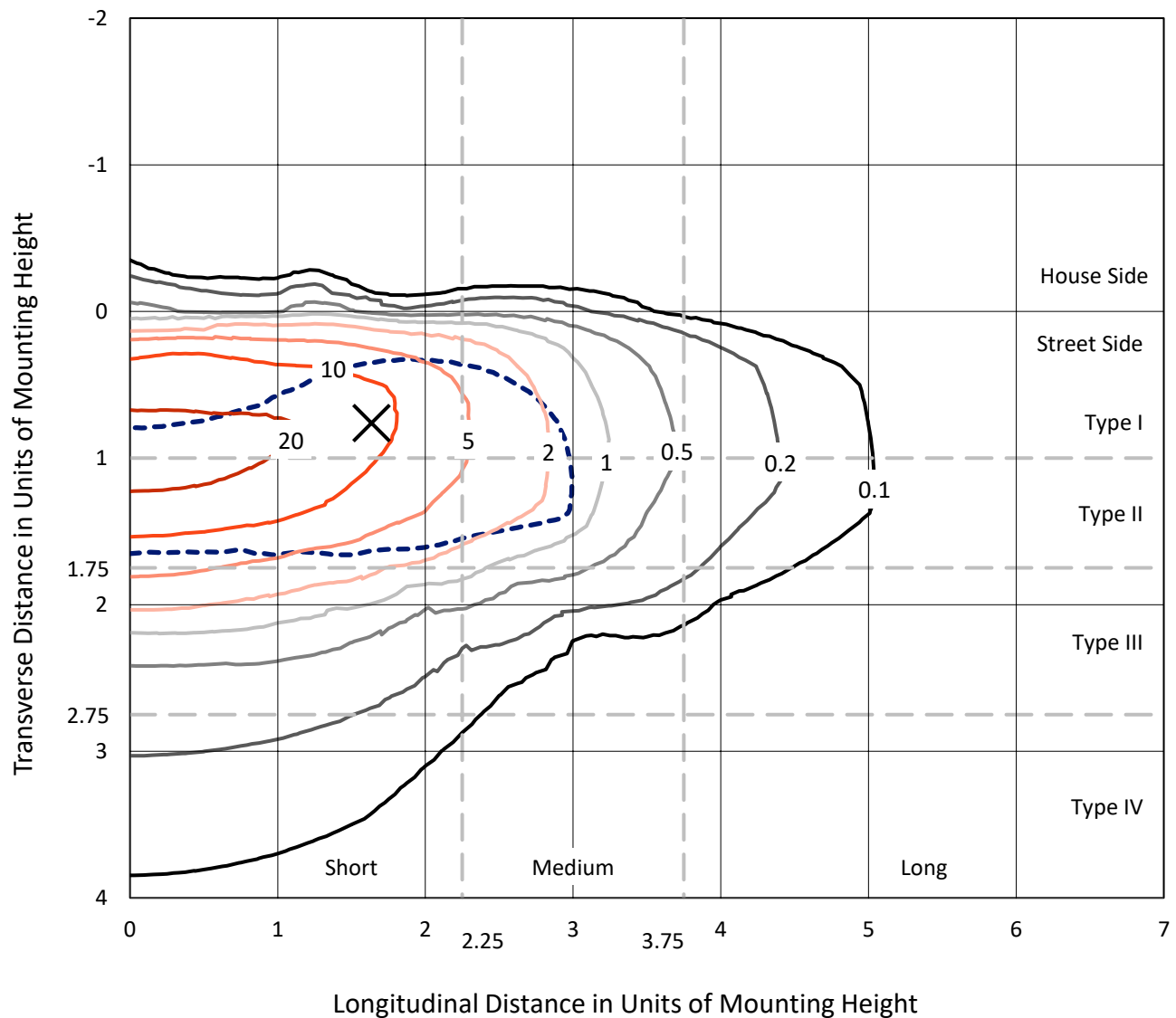


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

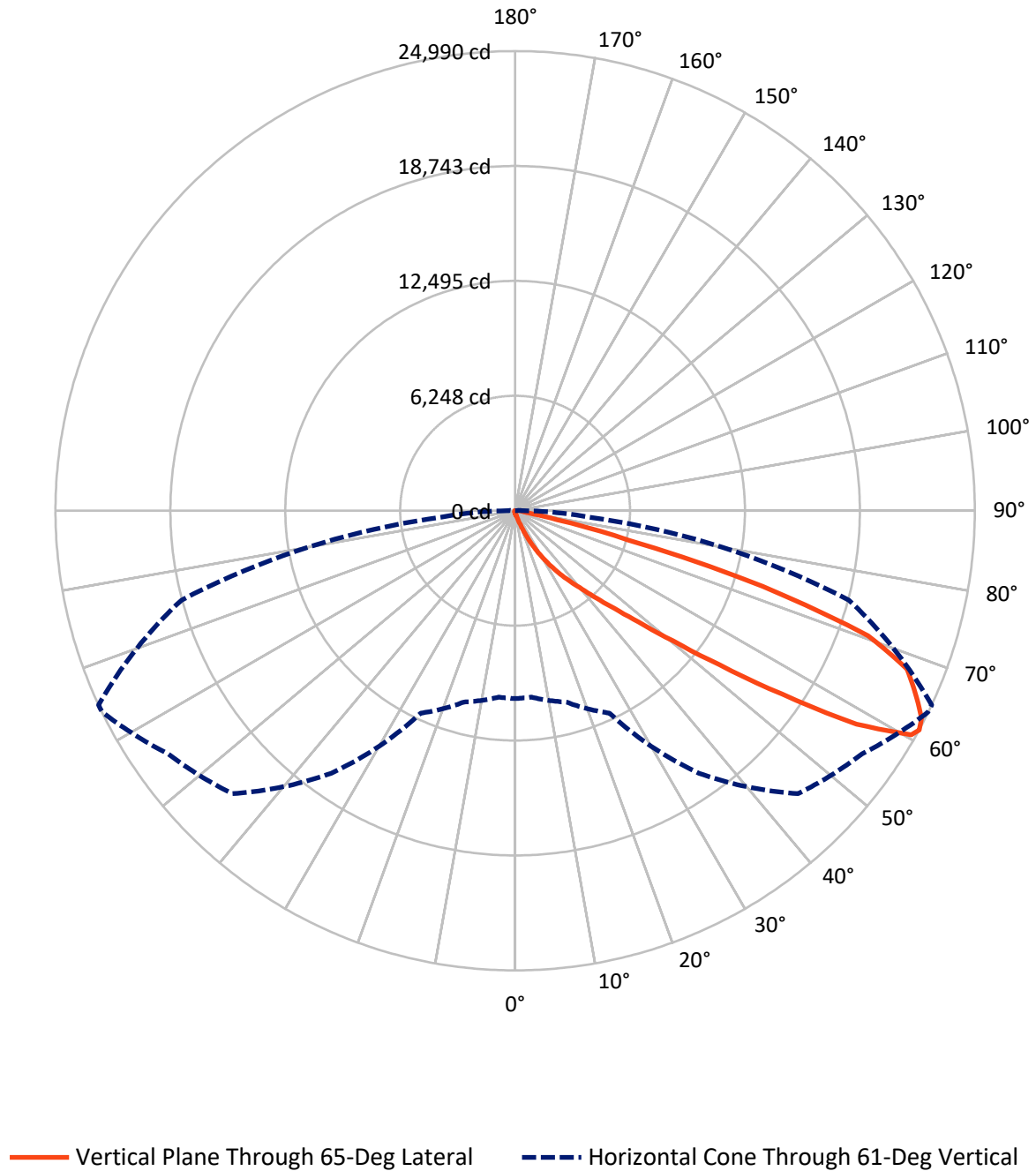


Based on 15 foot mounting height. Maximum calculated value = 29.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	96.6	0.0	96.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22542.4	0.0	22542.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	22639.1	0.0	22639.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.6	0.1
10°-20°	186.2	0.8
20°-30°	668.1	3.0
30°-40°	1778.8	7.9
40°-50°	4672.8	20.6
50°-60°	7239.1	32.0
60°-70°	6069.9	26.8
70°-80°	1786.3	7.9
80°-90°	220.4	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°	22639.1	100.0
0°-180°	22639.1	100.0



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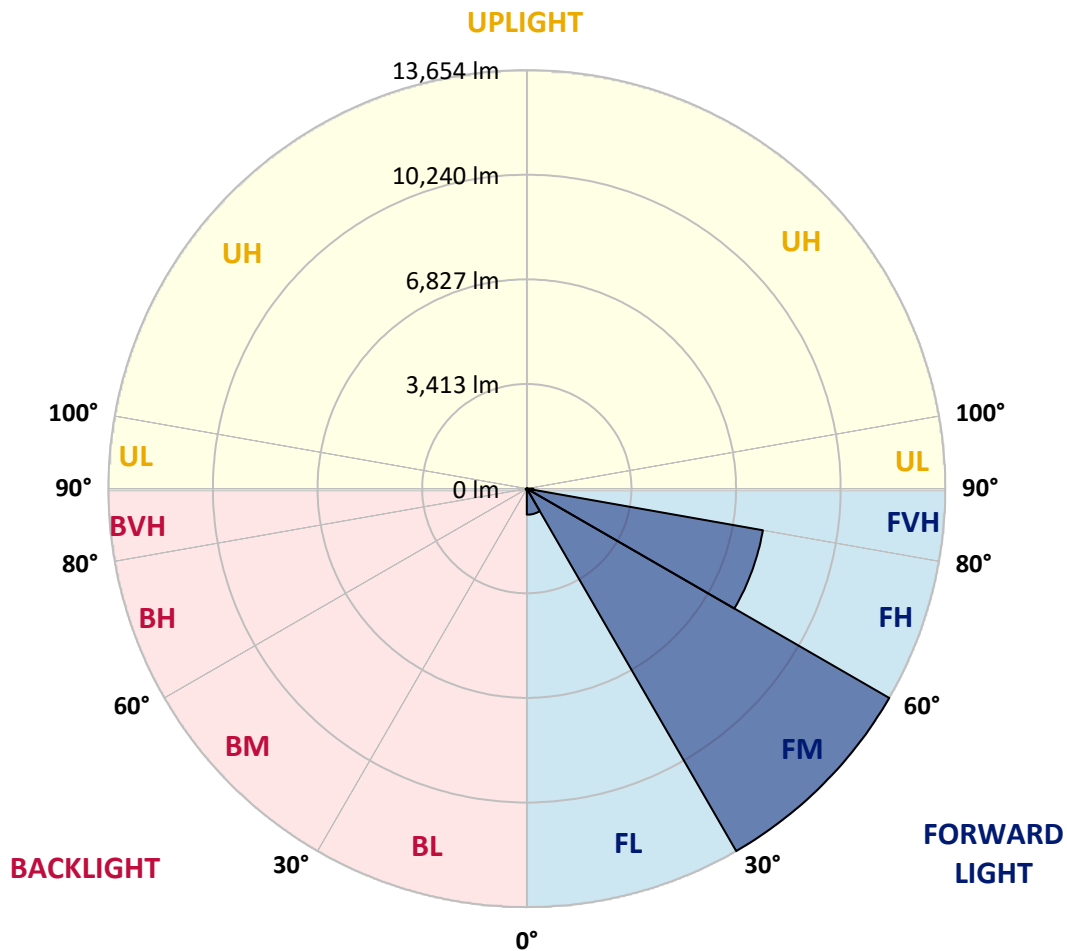
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	850.2	3.8			
FM	(30°-60°)	13653.9	60.3			
FH	(60°-80°)	7822.0	34.6			G4/12000
FVH	(80°-90°)	216.3	1.0			G2/225
BL	(0°-30°)	21.7	0.1	B0/110		
BM	(30°-60°)	36.8	0.2	B0/220		
BH	(60°-80°)	34.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6
2.5°	168.2	169.7	166.6	160.4	155.7	155.7	154.2	149.5	149.5	144.8	141.7
5°	235.2	232.0	225.8	213.4	202.5	191.6	180.6	169.7	168.2	154.2	144.8
7.5°	384.7	387.8	367.5	328.6	295.9	253.8	214.9	191.6	188.4	165.1	146.4
10°	844.1	820.7	774.0	622.9	512.4	386.2	286.5	222.7	219.6	177.5	149.5
12.5°	1538.6	1519.9	1434.3	1278.6	993.6	691.5	418.9	275.6	266.3	188.4	151.1
15°	2217.6	2188.0	2141.3	1984.0	1650.8	1239.6	685.2	376.9	352.0	204.0	149.5
17.5°	2650.6	2655.2	2613.2	2546.2	2331.3	1834.5	1183.6	562.2	513.9	232.0	146.4
20°	3029.0	3018.1	3041.5	3005.6	2854.6	2493.3	1722.4	890.8	808.3	277.2	147.9
22.5°	3465.0	3491.5	3508.7	3500.9	3334.2	3025.9	2334.4	1333.1	1228.7	359.7	152.6
25°	4049.0	4045.9	4047.5	4027.2	3865.3	3522.7	2948.0	1882.8	1776.9	493.7	163.5
27.5°	4661.1	4679.8	4687.5	4614.4	4402.6	4066.2	3516.4	2483.9	2359.3	708.6	177.5
30°	5497.4	5481.8	5446.0	5296.5	5039.5	4622.1	4077.1	3114.6	2983.8	1009.1	199.3
32.5°	6624.9	6607.7	6427.1	6096.9	5712.3	5201.5	4640.8	3746.9	3588.1	1384.5	228.9
35°	8482.7	8509.2	8065.4	7210.4	6520.5	5897.6	5265.3	4376.1	4235.9	1847.0	269.4
37.5°	11328.0	11183.1	10580.5	9069.9	7584.2	6766.6	5861.8	5011.5	4890.0	2417.0	322.4
40°	14092.2	13949.0	13774.5	12343.4	9432.7	7724.3	6696.5	5757.4	5600.1	3060.1	400.2
42.5°	16998.2	16918.8	16911.0	15831.8	12805.9	9230.3	7701.0	6631.1	6497.2	3765.6	527.9
45°	19057.0	18977.6	19144.2	19332.6	17400.0	12457.0	9449.8	7766.4	7571.7	4622.1	731.9
47.5°	19334.2	19337.3	19782.7	20372.9	20813.6	17448.3	11779.6	9270.8	9034.0	5847.8	1074.6
50°	18412.2	18448.1	19156.6	20212.5	21399.2	21635.9	15887.8	11454.1	11103.7	7300.7	1560.4
52.5°	16657.1	16697.6	17685.0	19421.4	20860.4	22641.9	20724.9	14310.3	13906.9	9113.5	2245.7
55°	15076.5	15101.4	16233.5	18427.8	20211.0	22095.3	23596.6	18124.1	17594.7	11343.6	2921.5
57.5°	13511.3	13453.7	14190.3	16702.3	20100.4	21424.1	24020.2	22470.6	21886.6	13780.8	3447.9
60°	11418.3	11321.7	11913.5	13511.3	18645.8	21864.8	23227.5	24875.1	24742.8	17174.2	3854.4
61°	10214.5	10174.0	10768.9	12139.3	17421.8	21752.7	23037.5	24976.4	24990.4	18779.8	4036.6
62.5°	7294.5	7409.7	8319.2	10100.8	14592.1	21025.4	23062.4	24663.3	24801.9	20913.3	4508.5
65°	3242.3	3427.7	4134.7	5584.6	8485.9	17490.3	22841.3	23976.6	23908.0	21498.9	6134.3
67.5°	1923.3	1951.3	2303.3	3164.5	4494.4	9407.8	20156.4	23068.6	22976.8	18715.9	7632.4
70°	1515.3	1529.3	1641.4	1985.6	2608.5	3603.6	11504.0	19958.7	20358.9	15176.1	7472.0
72.5°	1437.4	1434.3	1449.9	1510.6	1643.0	1787.8	4453.9	13266.8	14081.3	10929.3	6265.1
75°	1418.7	1412.5	1396.9	1373.6	1189.8	1052.8	1379.8	5868.0	6339.9	7467.4	4717.1
77.5°	1376.7	1378.2	1381.3	1317.5	1020.0	744.4	668.1	1882.8	2315.7	4738.9	3352.9
80°	931.3	945.3	968.7	943.7	917.3	538.8	471.9	669.6	679.0	2659.9	2214.5
82.5°	471.9	471.9	461.0	411.1	355.1	350.4	375.3	485.9	492.1	1345.5	1041.9
85°	285.0	300.6	306.8	278.8	255.4	235.2	286.5	386.2	400.2	521.7	242.9
87.5°	63.9	65.4	71.6	95.0	138.6	188.4	266.3	353.5	359.7	334.8	29.6
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: GLAN-SA7A-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6
2.5°	140.2	137.0	135.5	130.8	126.1	121.5	118.4	116.8	118.4	119.9	119.9
5°	138.6	133.9	126.1	118.4	112.1	105.9	99.7	98.1	98.1	99.7	99.7
7.5°	138.6	130.8	119.9	110.6	101.2	91.9	87.2	84.1	85.7	85.7	85.7
10°	138.6	129.3	115.2	101.2	90.3	79.4	71.6	68.5	68.5	68.5	68.5
12.5°	137.0	127.7	110.6	93.4	77.9	65.4	56.1	51.4	52.9	52.9	52.9
15°	133.9	123.0	104.3	79.4	62.3	49.8	40.5	35.8	37.4	40.5	42.0
17.5°	129.3	118.4	93.4	67.0	49.8	37.4	28.0	24.9	26.5	31.1	31.1
20°	127.7	113.7	82.5	54.5	37.4	26.5	18.7	15.6	17.1	23.4	24.9
22.5°	127.7	110.6	74.8	45.2	28.0	17.1	10.9	6.2	6.2	10.9	10.9
25°	129.3	109.0	68.5	37.4	20.2	12.5	6.2	3.1	6.2	17.1	20.2
27.5°	132.4	107.5	65.4	31.1	15.6	10.9	4.7	10.9	18.7	18.7	18.7
30°	135.5	104.3	60.7	26.5	14.0	7.8	7.8	15.6	15.6	18.7	20.2
32.5°	140.2	102.8	57.6	23.4	10.9	6.2	10.9	9.3	9.3	10.9	12.5
35°	149.5	104.3	54.5	23.4	10.9	7.8	9.3	4.7	3.1	3.1	3.1
37.5°	162.0	105.9	49.8	20.2	9.3	9.3	4.7	0.0	0.0	0.0	0.0
40°	182.2	110.6	46.7	18.7	7.8	7.8	1.6	0.0	0.0	0.0	0.0
42.5°	216.5	119.9	45.2	17.1	7.8	6.2	0.0	0.0	0.0	0.0	0.0
45°	285.0	141.7	42.0	15.6	7.8	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	409.6	193.1	40.5	12.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	598.0	261.6	38.9	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	763.1	275.6	26.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	781.8	190.0	20.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	622.9	123.0	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	471.9	93.4	15.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	453.2	84.1	15.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	499.9	73.2	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	812.9	60.7	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1412.5	52.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1784.7	49.8	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1555.8	45.2	9.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	936.0	38.9	9.3	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	490.6	29.6	9.3	7.8	4.7	1.6	0.0	0.0	0.0	0.0	0.0
80°	238.3	26.5	10.9	7.8	6.2	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	93.4	21.8	12.5	10.9	7.8	4.7	1.6	0.0	0.0	0.0	0.0
85°	42.0	18.7	14.0	12.5	10.9	6.2	1.6	0.0	0.0	0.0	0.0
87.5°	21.8	17.1	15.6	14.0	10.9	7.8	3.1	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

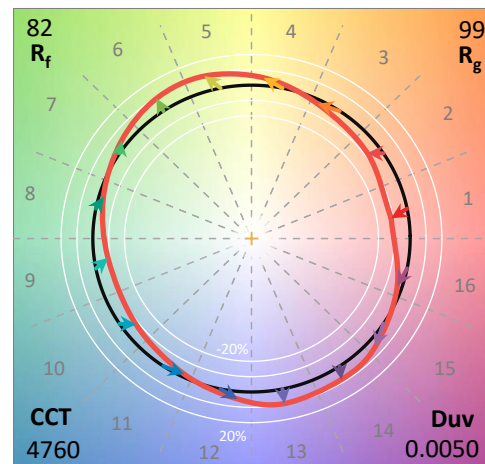
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

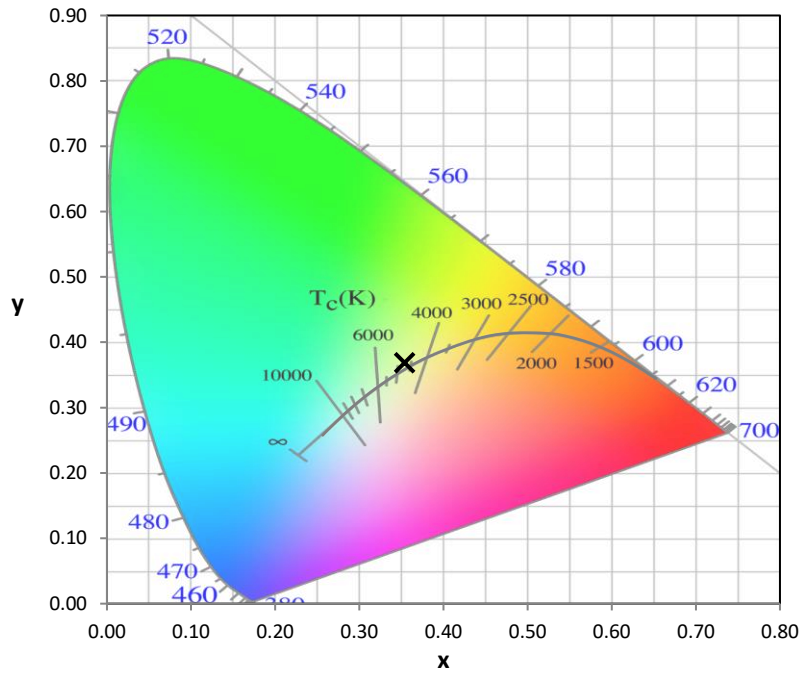
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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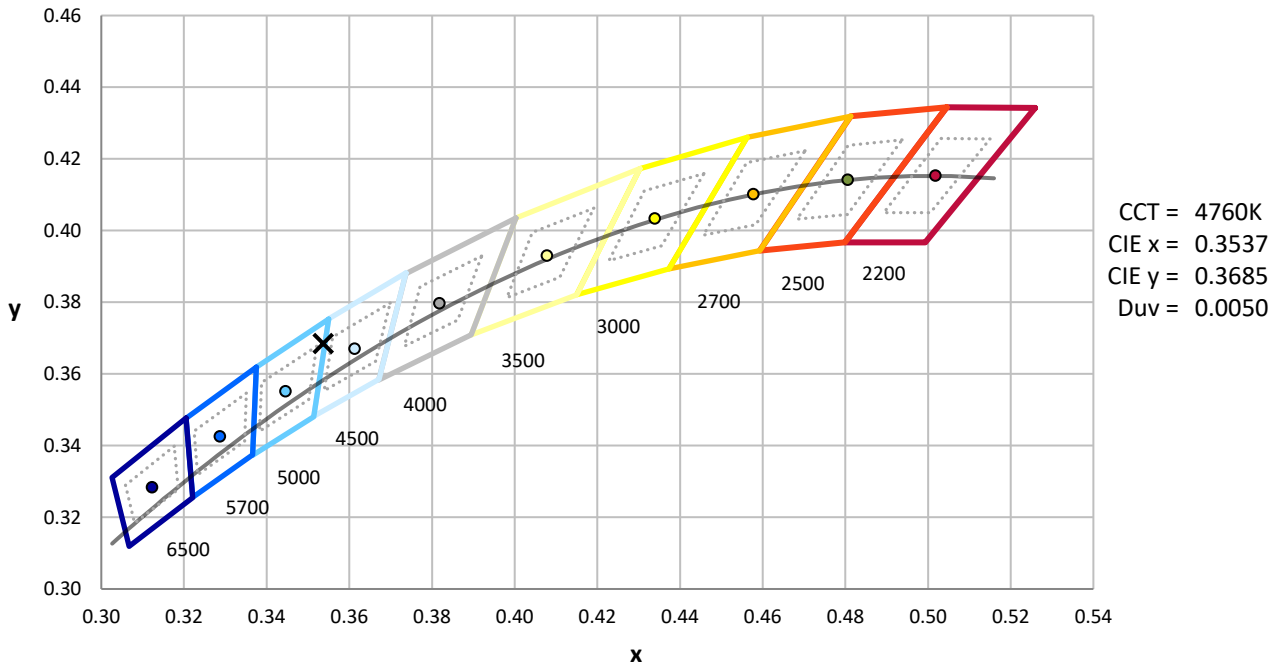
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



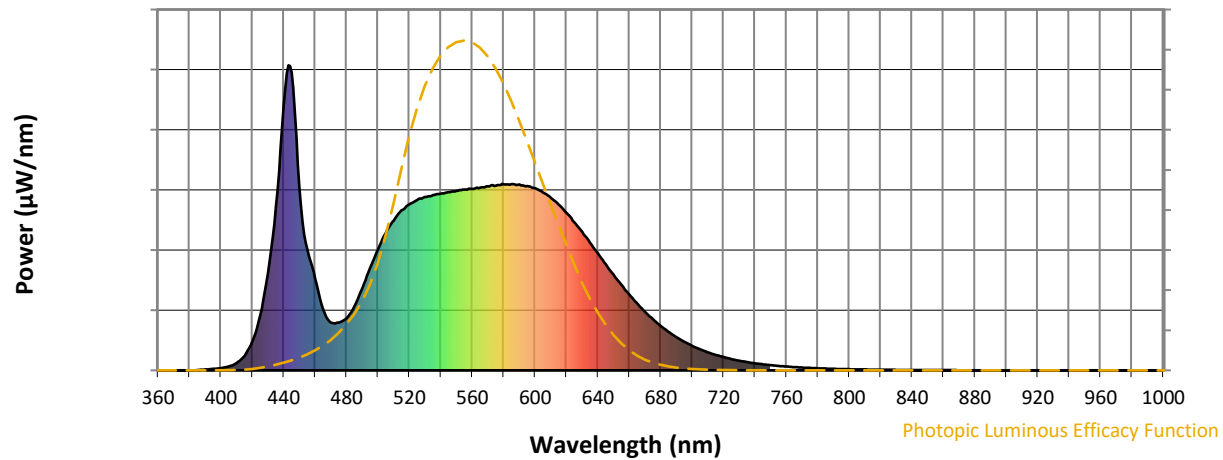
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

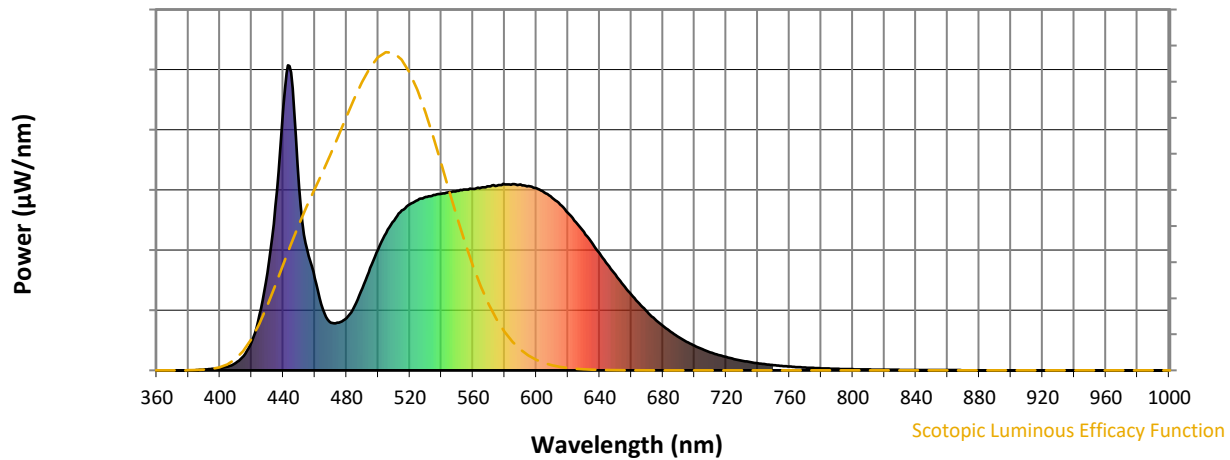


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



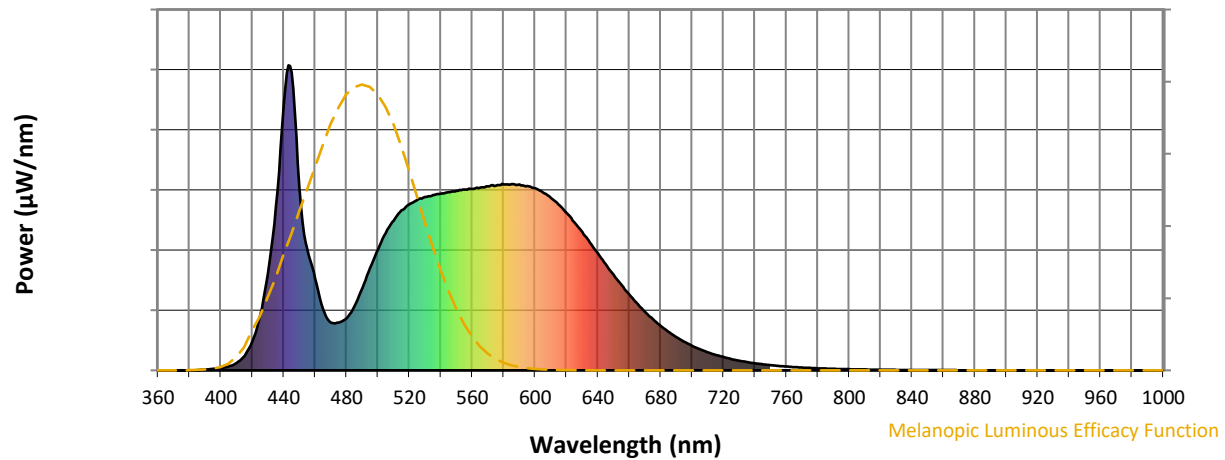
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

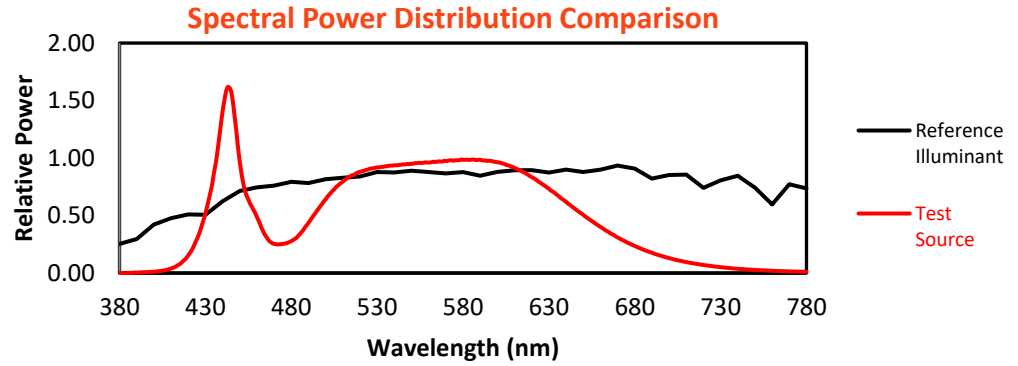
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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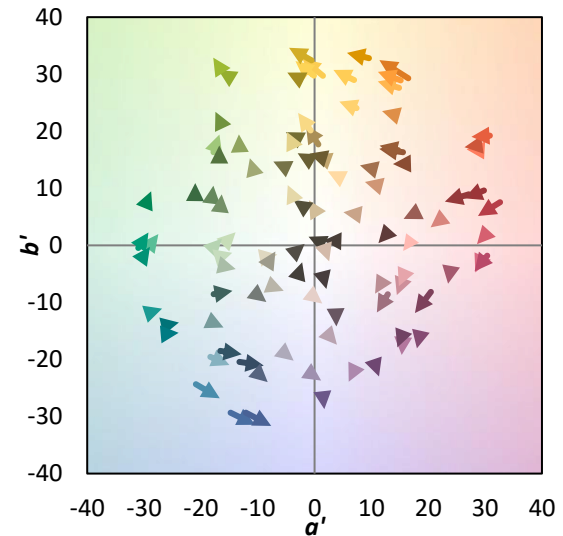
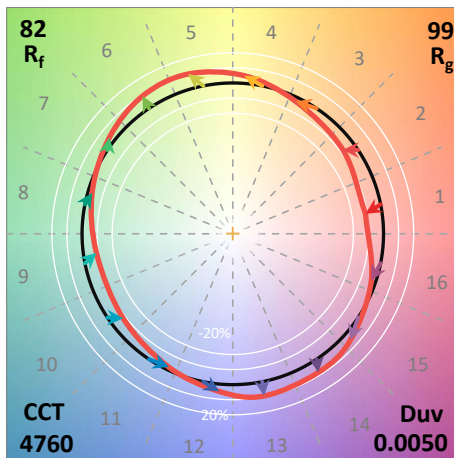
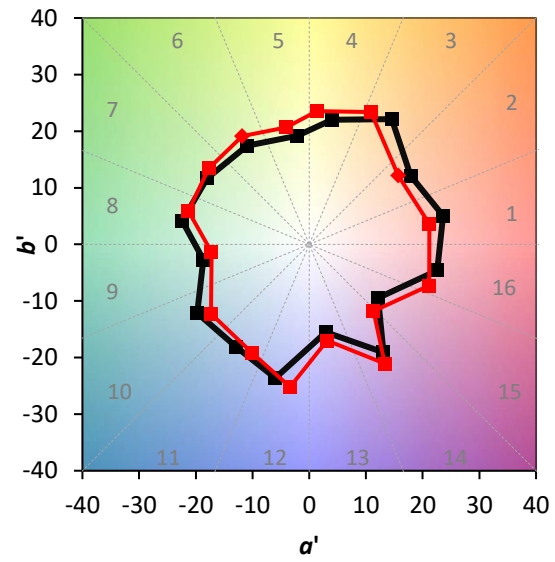
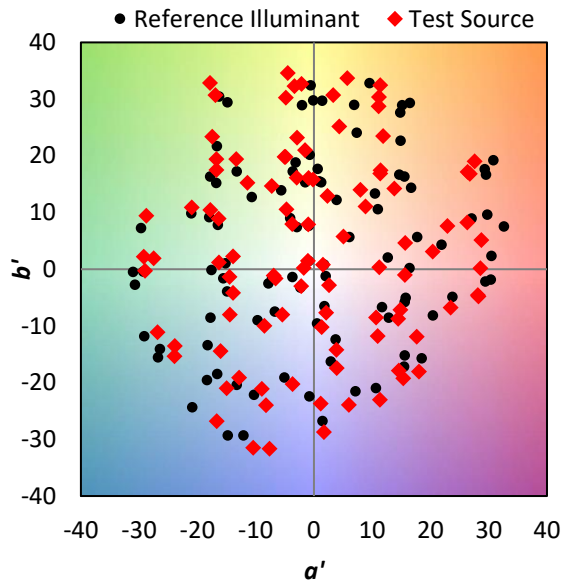
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

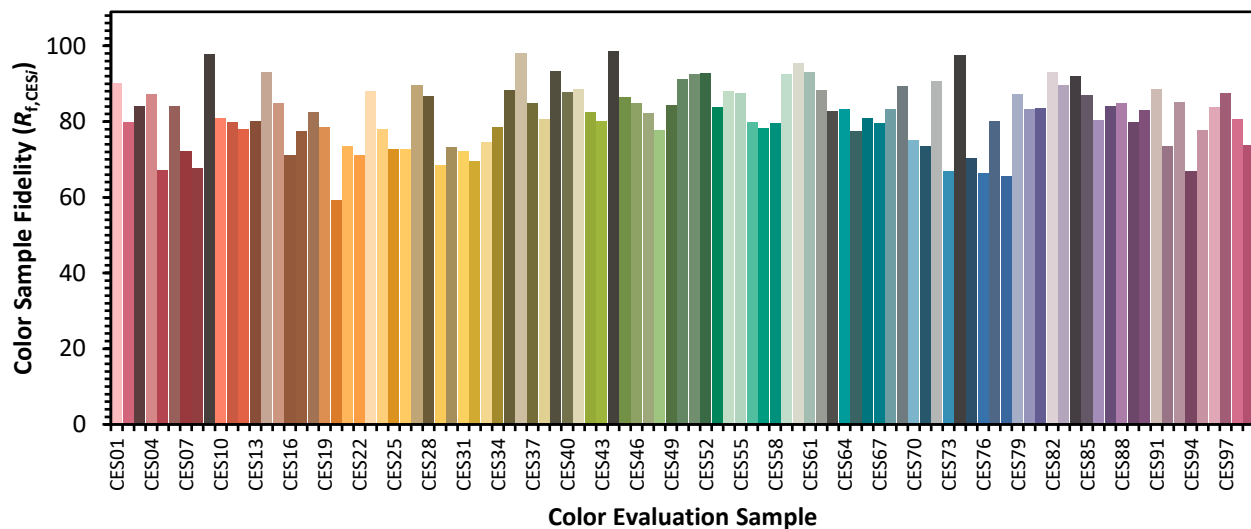


Color Vector Graphics

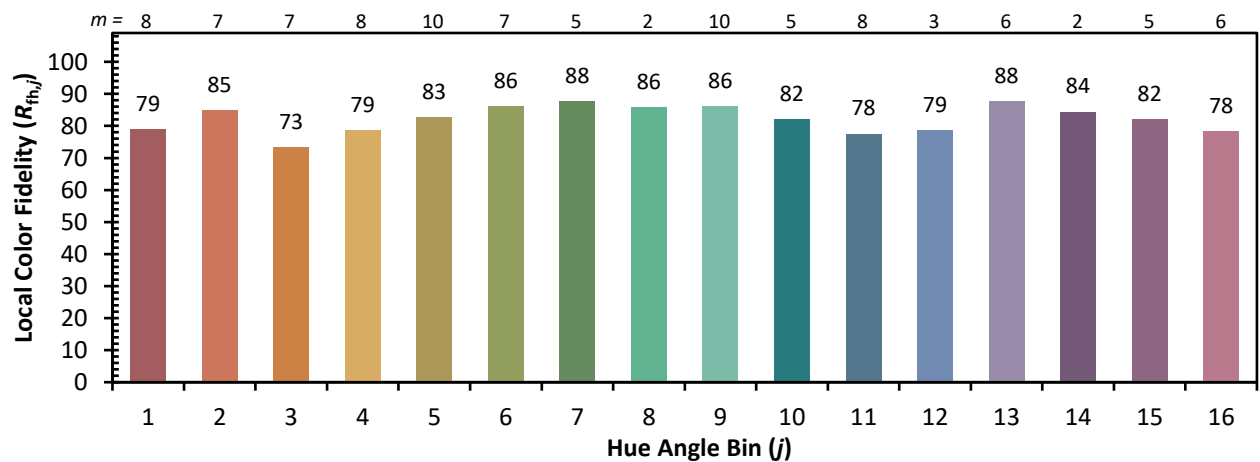
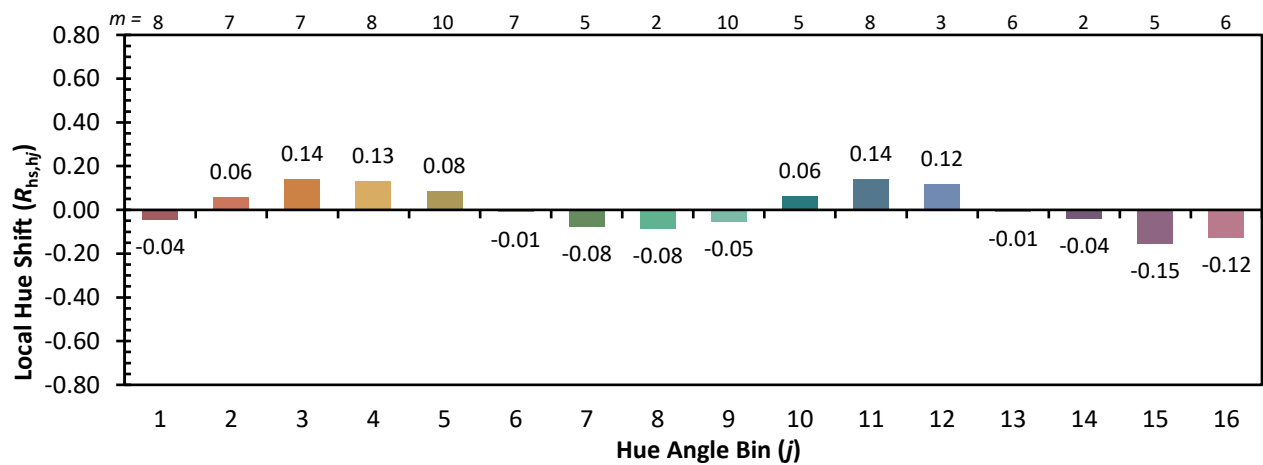
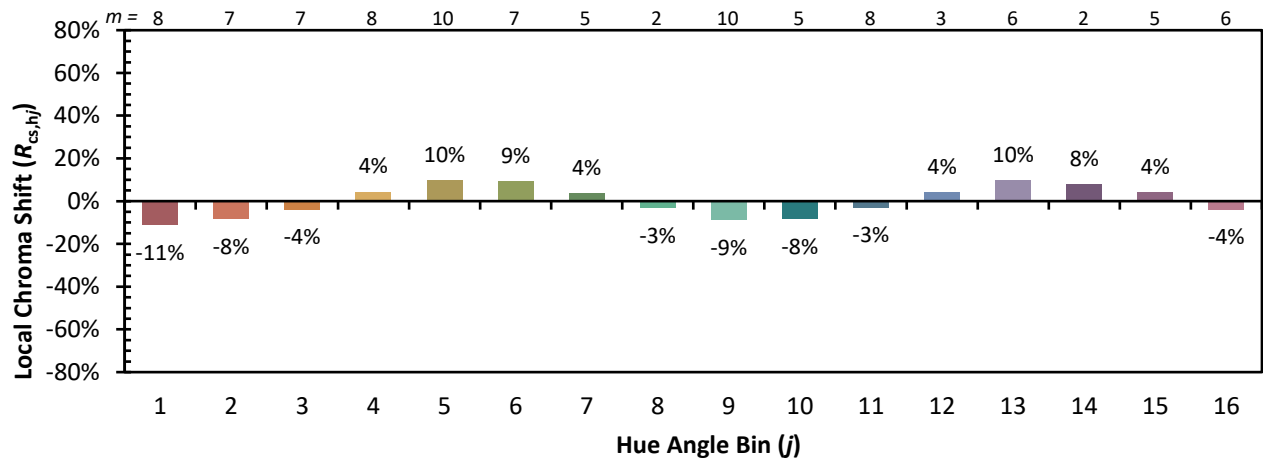


Individual Sample Fidelity Index ($R_{f,i}$)

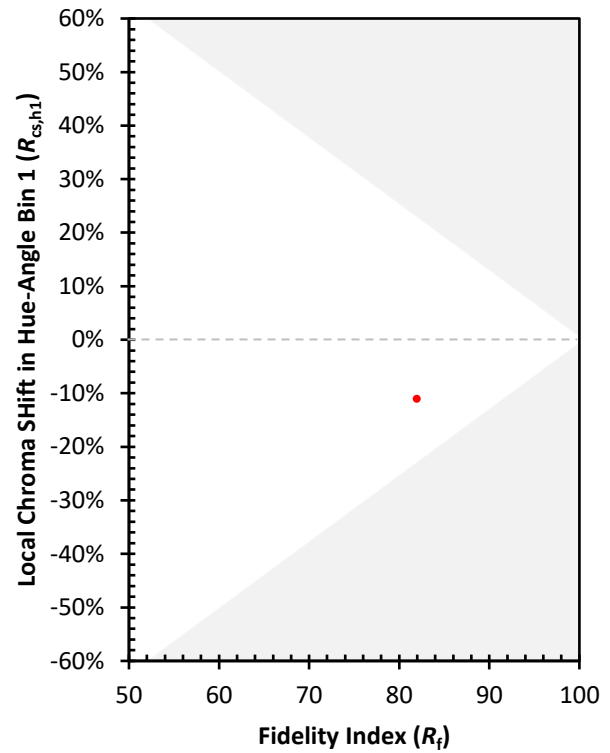
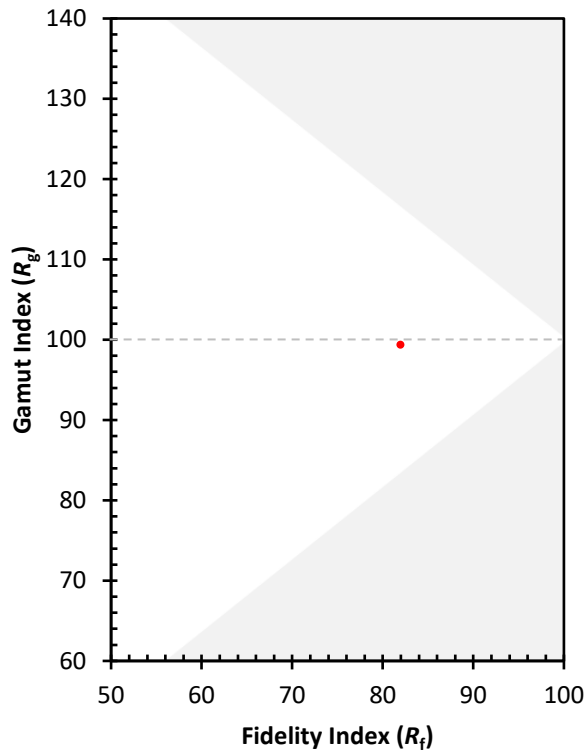
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)