

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: P1062705

Luminaire Tested: **GLAN-SA6A-722-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062705
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6A-722-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16346.8 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 162.9
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

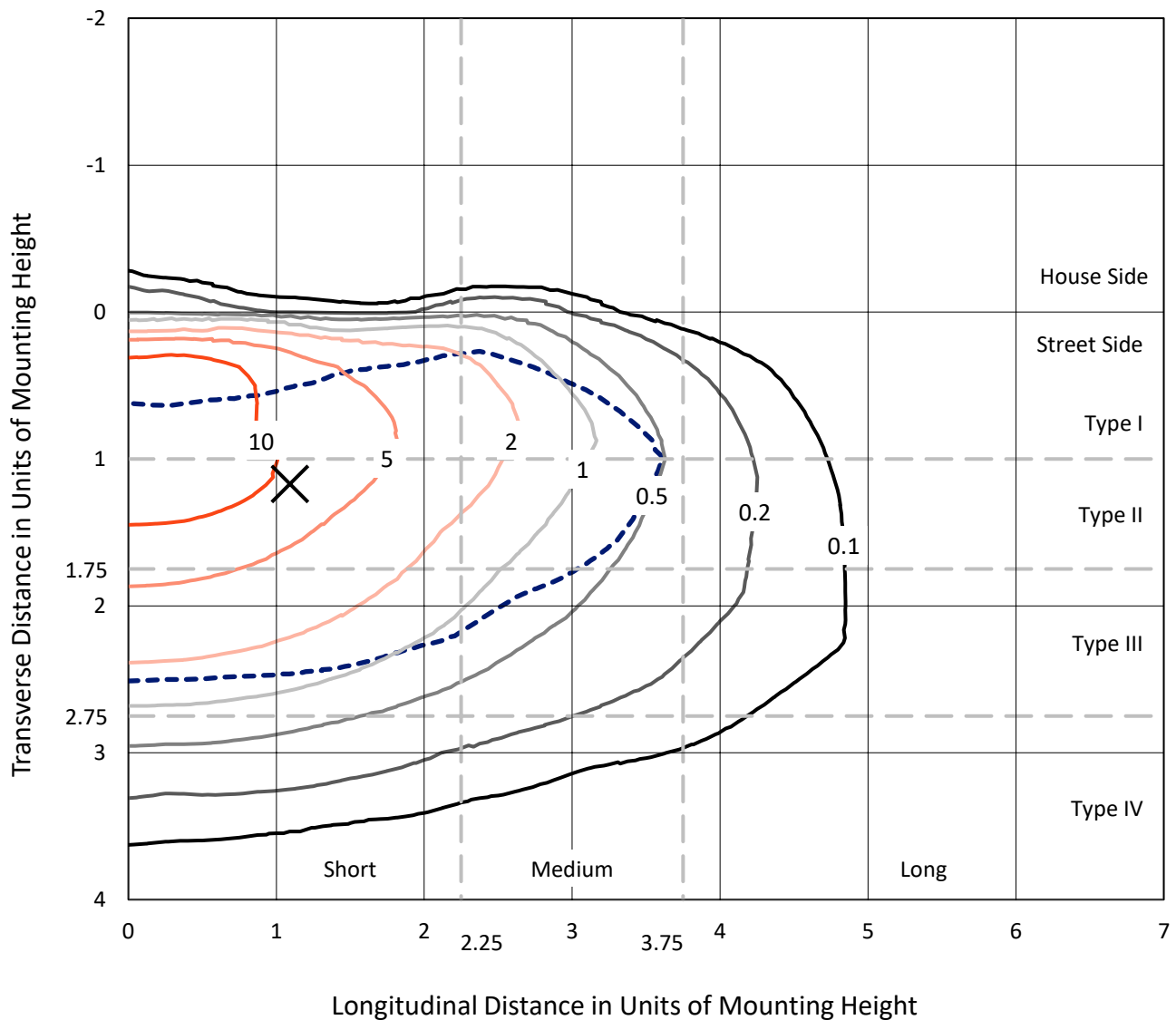


REPORT NUMBER: P1062705

CATALOG NUMBER: GLAN-SA6A-722-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

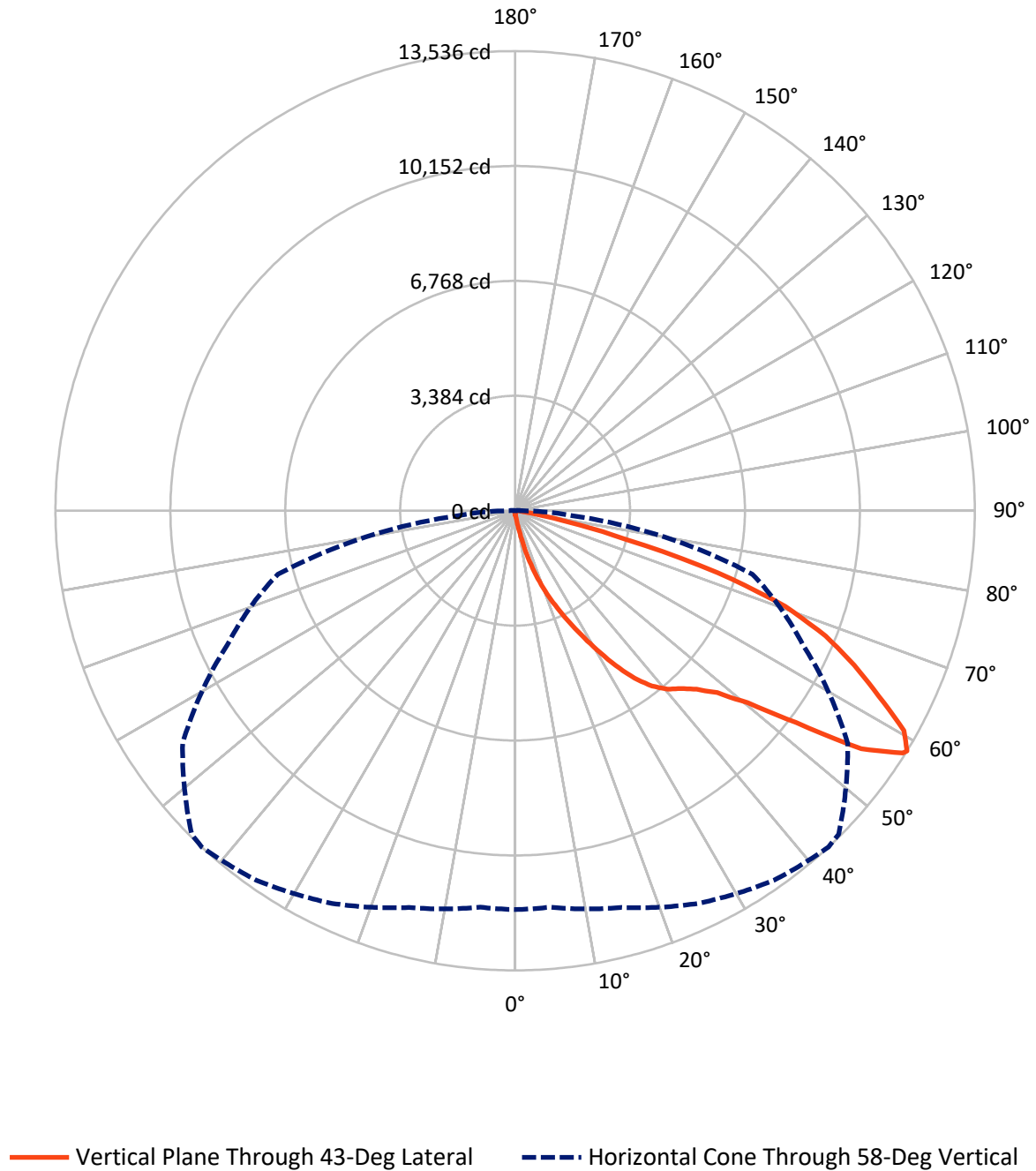


Based on 15 foot mounting height. Maximum calculated value = 18.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1062705

CATALOG NUMBER: GLAN-SA6A-722-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1062705

CATALOG NUMBER: GLAN-SA6A-722-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.7	0.0	59.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16287.1	0.0	16287.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	16346.8	0.0	16346.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	0.1
10°-20°	187.9	1.1
20°-30°	677.3	4.1
30°-40°	1549.6	9.5
40°-50°	2613.5	16.0
50°-60°	4312.9	26.4
60°-70°	4820.3	29.5
70°-80°	1990.2	12.2
80°-90°	179.4	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°	16346.8	100.0
0°-180°	16346.8	100.0



REPORT NUMBER: P1062705

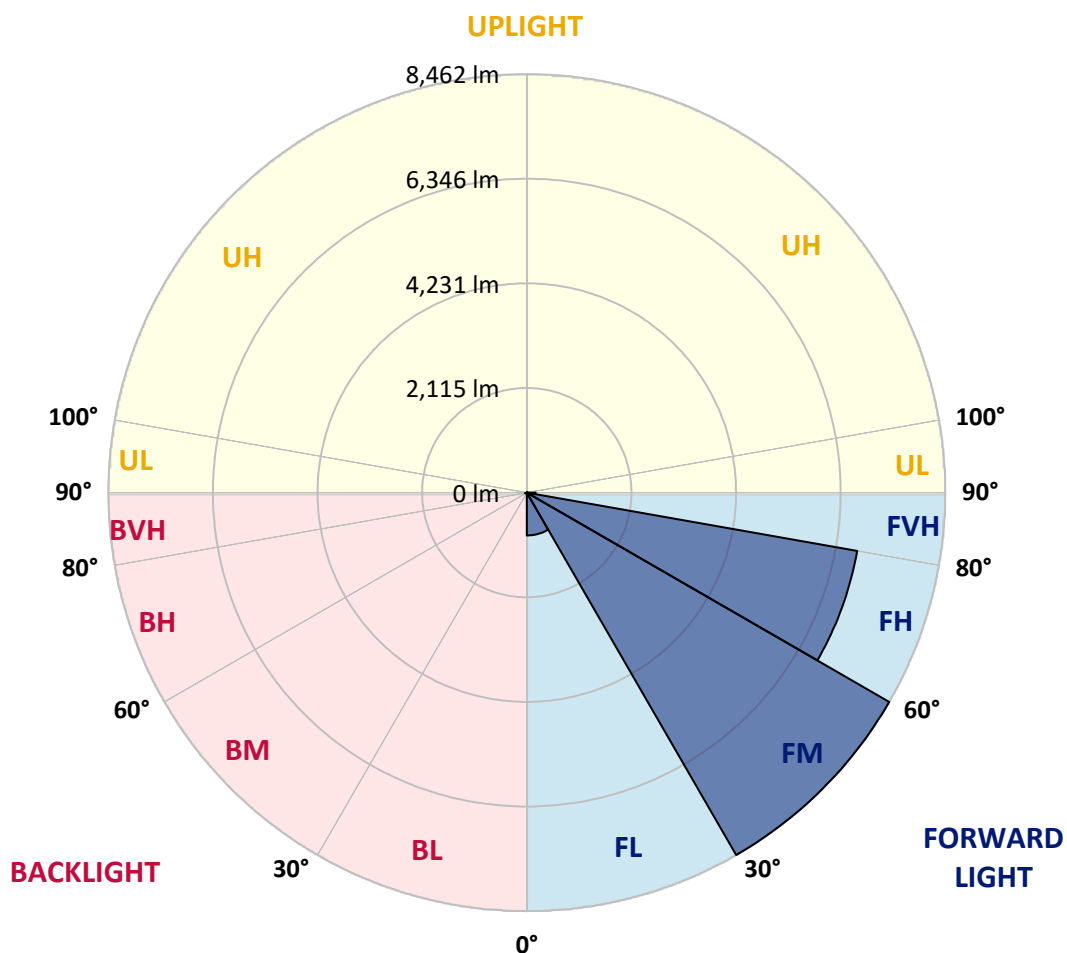
CATALOG NUMBER: GLAN-SA6A-722-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	865.3	5.3			
FM	(30°-60°)	8461.7	51.8			
FH	(60°-80°)	6783.2	41.5			G3/7500
FVH	(80°-90°)	177.0	1.1			G2/225
BL	(0°-30°)	15.6	0.1	B0/110		
BM	(30°-60°)	14.3	0.1	B0/220		
BH	(60°-80°)	27.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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-G3

Type III Short





REPORT NUMBER: P1062705

CATALOG NUMBER: GLAN-SA6A-722-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9
2.5°	128.3	132.5	128.3	128.3	128.3	124.0	124.0	119.7	119.7	115.4	111.2
5°	188.1	188.1	175.3	166.7	158.2	153.9	149.6	141.1	132.5	124.0	115.4
7.5°	419.0	419.0	380.5	329.2	260.8	222.3	213.8	175.3	149.6	132.5	115.4
10°	1000.4	1000.4	914.9	773.8	598.6	444.6	397.6	252.2	179.6	141.1	119.7
12.5°	1663.1	1684.5	1577.6	1398.0	1137.2	867.9	773.8	461.7	239.4	153.9	119.7
15°	2257.4	2206.1	2176.2	2005.1	1757.2	1436.5	1316.8	778.1	346.3	175.3	119.7
17.5°	2659.3	2659.3	2616.5	2501.1	2274.5	1992.3	1894.0	1257.0	560.1	200.9	124.0
20°	3129.6	3129.6	3052.6	2971.4	2770.4	2531.0	2437.0	1787.1	867.9	256.5	124.0
22.5°	3698.2	3706.7	3621.2	3475.9	3283.5	3018.4	2937.2	2278.8	1257.0	342.0	128.3
25°	4390.8	4399.4	4275.4	4138.6	3843.6	3557.1	3433.1	2843.1	1731.5	478.8	128.3
27.5°	5156.1	5215.9	5032.1	4797.0	4484.9	4125.7	4031.7	3351.9	2201.8	675.5	136.8
30°	6109.5	6109.5	5865.8	5536.6	5198.8	4754.2	4634.5	3886.3	2702.0	936.3	145.4
32.5°	6930.4	6866.2	6554.1	6207.8	5848.7	5434.0	5305.7	4446.4	3215.1	1261.2	162.5
35°	7558.9	7503.3	7118.5	6746.5	6434.4	6053.9	5900.0	5053.5	3758.0	1628.9	188.1
37.5°	8097.5	8076.2	7554.6	7088.6	6883.3	6549.9	6413.1	5626.4	4292.5	2026.5	218.0
40°	8687.5	8619.1	8063.3	7486.2	7178.3	6909.0	6785.0	6088.1	4805.5	2492.5	260.8
42.5°	9192.0	9110.8	8610.6	8046.2	7520.4	7157.0	7037.3	6477.2	5305.7	2958.6	316.4
45°	9752.1	9709.4	9204.9	8777.3	8076.2	7494.7	7336.5	6789.3	5763.2	3514.4	389.1
47.5°	10594.4	10517.4	10047.1	9696.5	8884.2	8007.8	7781.2	7109.9	6203.6	4061.6	500.2
50°	11573.4	11522.1	11244.2	10966.3	10158.3	8884.2	8614.9	7571.7	6695.2	4711.5	645.6
52.5°	12372.9	12364.4	12398.6	12402.8	11791.5	10359.2	9957.3	8315.6	7259.6	5352.8	850.8
55°	12355.8	12394.3	12770.5	13202.3	13249.4	12372.9	11983.9	9568.3	7994.9	6143.7	1137.2
57.5°	11894.1	11864.1	12261.8	12911.6	13369.1	13463.1	13399.0	11513.6	9102.3	7097.1	1577.6
58°	11744.4	11718.8	12095.0	12757.7	13283.6	13535.8	13471.7	11953.9	9350.2	7233.9	1697.3
60°	11201.5	11205.7	11428.1	12030.9	12556.8	13155.3	13215.2	13210.9	10585.8	8148.9	2300.1
62.5°	10483.2	10449.0	10654.2	11145.9	11607.6	12009.5	12112.1	13296.4	12394.3	9311.8	3450.2
65°	9491.3	9440.0	9658.1	10213.9	10709.8	10970.6	10974.9	12150.6	13245.1	10560.2	5092.0
67.5°	7648.6	7605.9	8042.0	8756.0	9521.2	9863.3	10017.2	10543.1	12526.8	11406.7	6032.5
70°	4685.8	4775.6	5382.7	6502.8	7811.1	8439.6	8670.4	8832.9	10667.0	11278.4	5044.9
72.5°	2163.3	2056.5	2573.8	3356.2	4848.3	6246.3	6485.7	7122.8	8456.7	9790.6	3762.3
75°	1009.0	970.5	1090.2	1466.5	2197.5	3373.3	3809.4	5686.2	6485.7	6810.7	2714.9
77.5°	517.3	521.6	619.9	667.0	906.4	1560.5	1791.4	3740.9	4754.2	3800.8	1821.3
80°	226.6	235.1	239.4	260.8	367.7	602.8	679.8	1735.8	3249.3	1936.7	996.2
82.5°	145.4	149.6	149.6	149.6	175.3	239.4	273.6	696.9	1620.4	962.0	307.8
85°	77.0	77.0	85.5	106.9	124.0	145.4	153.9	222.3	534.4	286.4	72.7
87.5°	42.8	47.0	51.3	64.1	81.2	98.3	106.9	153.9	205.2	196.7	17.1
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: P1062705

CATALOG NUMBER: GLAN-SA6A-722-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9
2.5°	111.2	106.9	102.6	98.3	94.1	89.8	89.8	89.8	89.8	89.8	89.8
5°	106.9	102.6	98.3	89.8	81.2	77.0	72.7	68.4	68.4	68.4	68.4
7.5°	106.9	102.6	89.8	81.2	72.7	64.1	55.6	55.6	55.6	55.6	55.6
10°	106.9	98.3	85.5	72.7	59.9	51.3	47.0	42.8	42.8	42.8	42.8
12.5°	106.9	94.1	81.2	64.1	51.3	42.8	38.5	34.2	34.2	34.2	34.2
15°	106.9	94.1	77.0	59.9	47.0	34.2	29.9	25.7	25.7	25.7	25.7
17.5°	102.6	89.8	72.7	51.3	38.5	25.7	21.4	17.1	17.1	21.4	21.4
20°	98.3	85.5	64.1	42.8	29.9	21.4	12.8	12.8	12.8	12.8	12.8
22.5°	98.3	85.5	59.9	38.5	25.7	12.8	8.6	8.6	8.6	8.6	12.8
25°	98.3	81.2	51.3	29.9	17.1	8.6	4.3	4.3	4.3	4.3	4.3
27.5°	98.3	81.2	47.0	25.7	12.8	8.6	4.3	0.0	0.0	0.0	0.0
30°	94.1	77.0	42.8	21.4	8.6	4.3	0.0	0.0	0.0	0.0	0.0
32.5°	94.1	72.7	34.2	17.1	8.6	4.3	0.0	0.0	0.0	0.0	0.0
35°	98.3	68.4	29.9	12.8	4.3	0.0	0.0	0.0	0.0	0.0	4.3
37.5°	102.6	64.1	25.7	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	106.9	59.9	25.7	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	115.4	59.9	21.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	124.0	59.9	17.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	141.1	64.1	17.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	153.9	68.4	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	171.0	64.1	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	192.4	64.1	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	209.5	59.9	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	218.0	55.6	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	260.8	51.3	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	406.2	42.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	825.1	38.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1539.1	34.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1723.0	38.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1085.9	29.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	572.9	29.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	286.4	29.9	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	132.5	21.4	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	55.6	12.8	8.6	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.7	12.8	8.6	8.6	4.3	4.3	0.0	0.0	0.0	0.0	0.0
87.5°	12.8	12.8	12.8	8.6	8.6	4.3	4.3	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

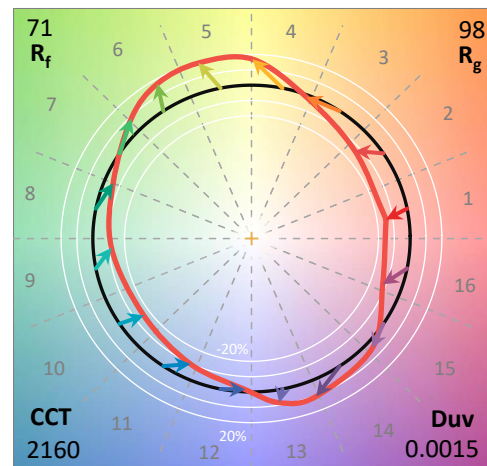
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

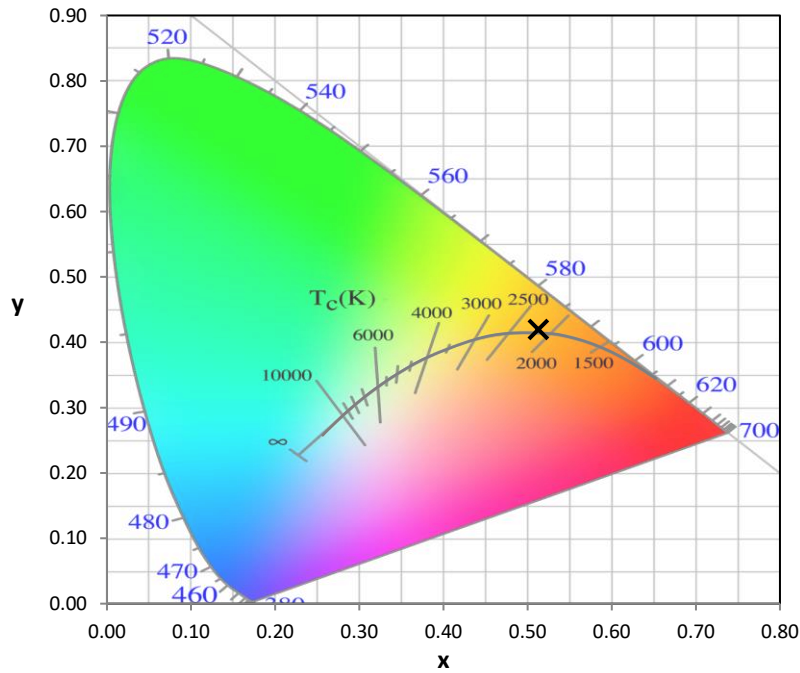
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-2

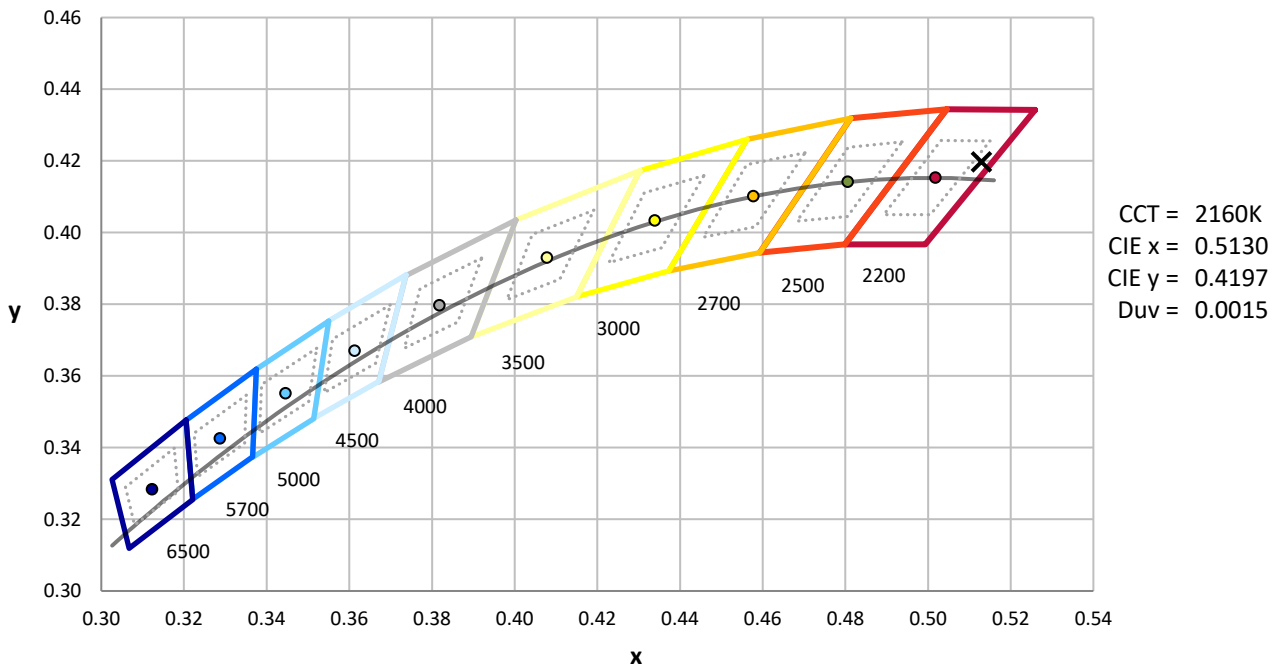
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



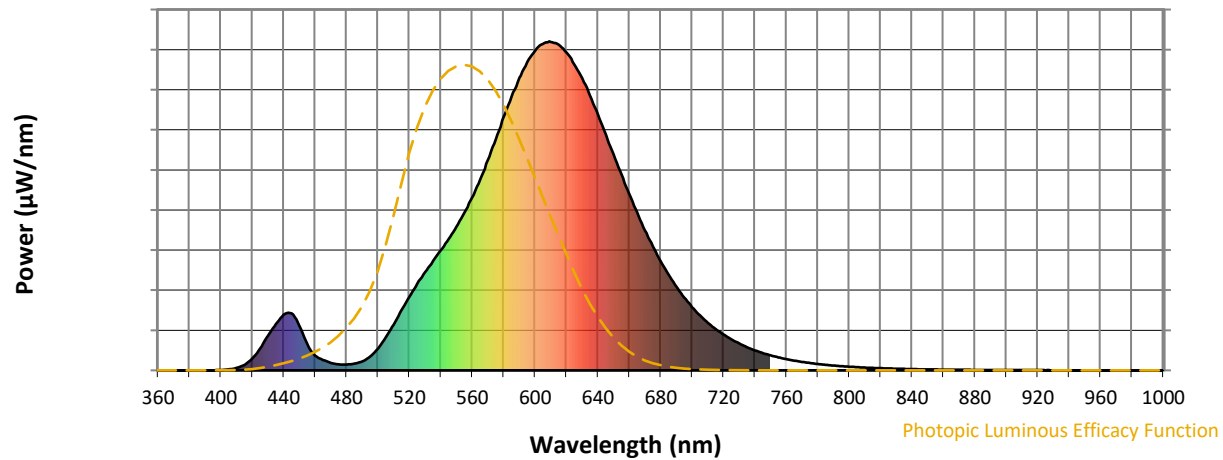
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

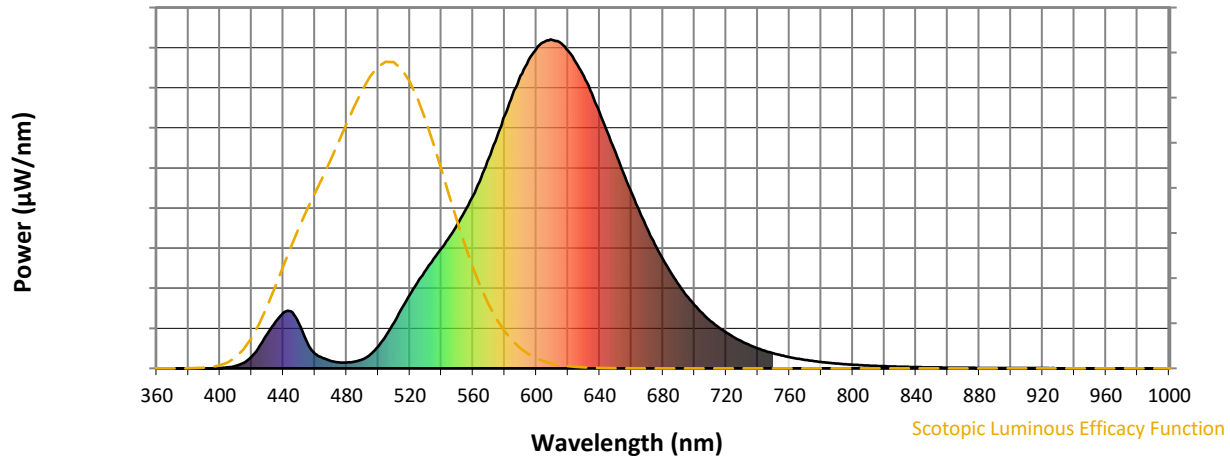


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength



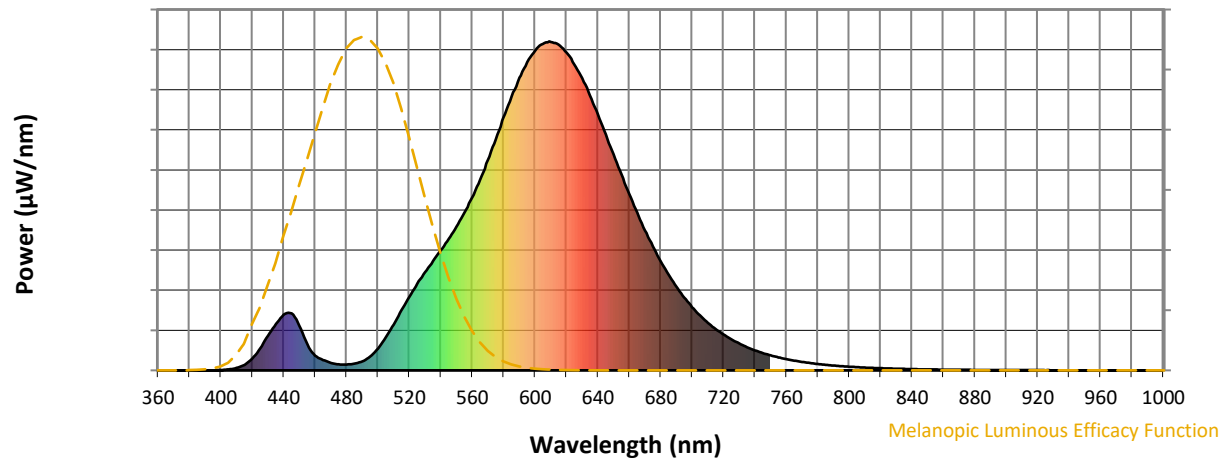
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

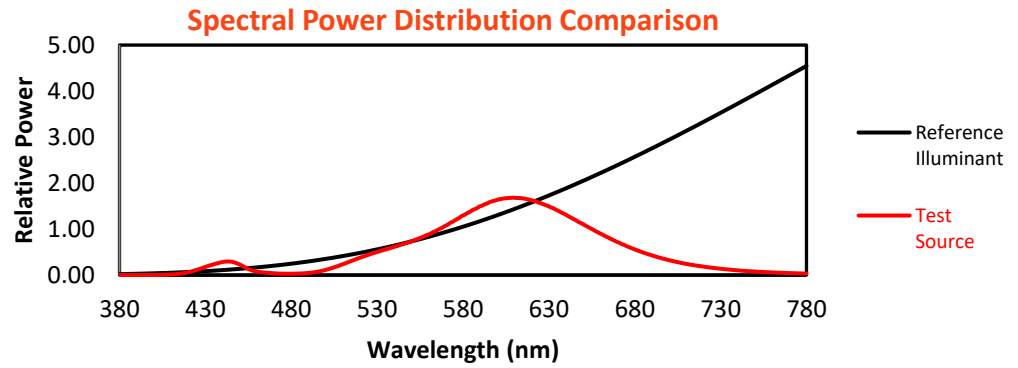
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

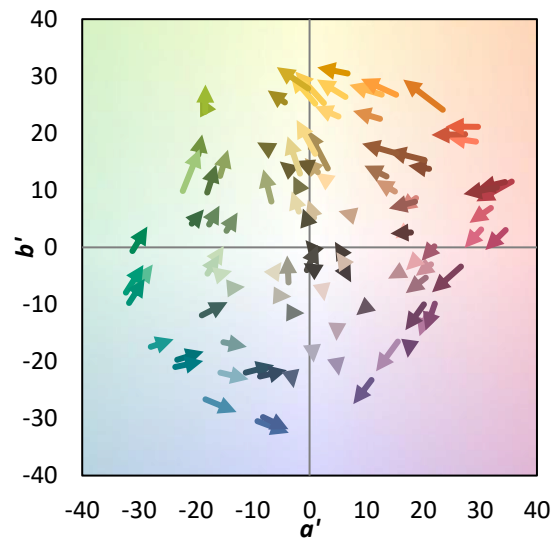
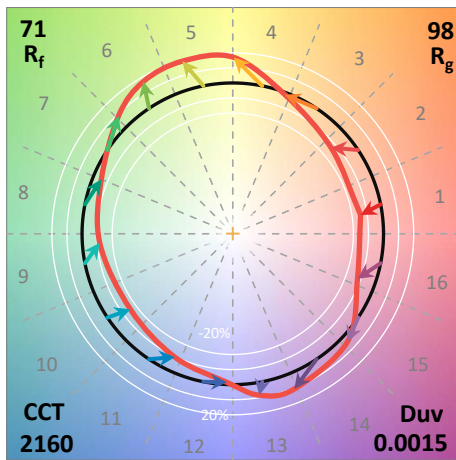
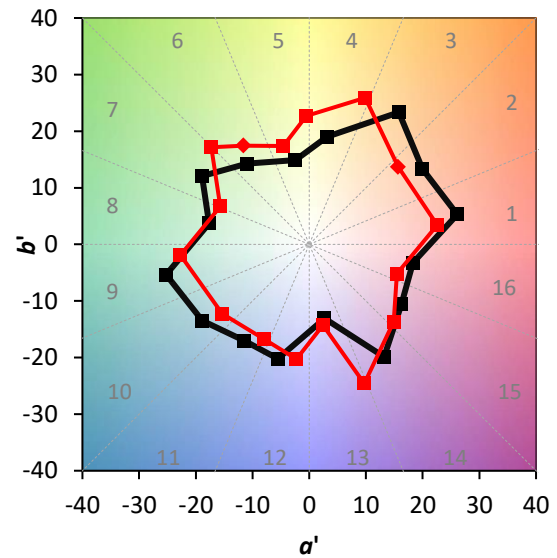
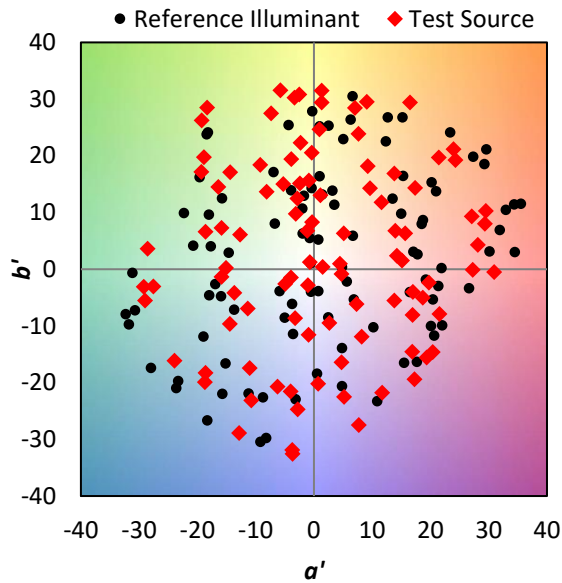
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE\ R_a = 71.9$
 $R_g = -17.8$

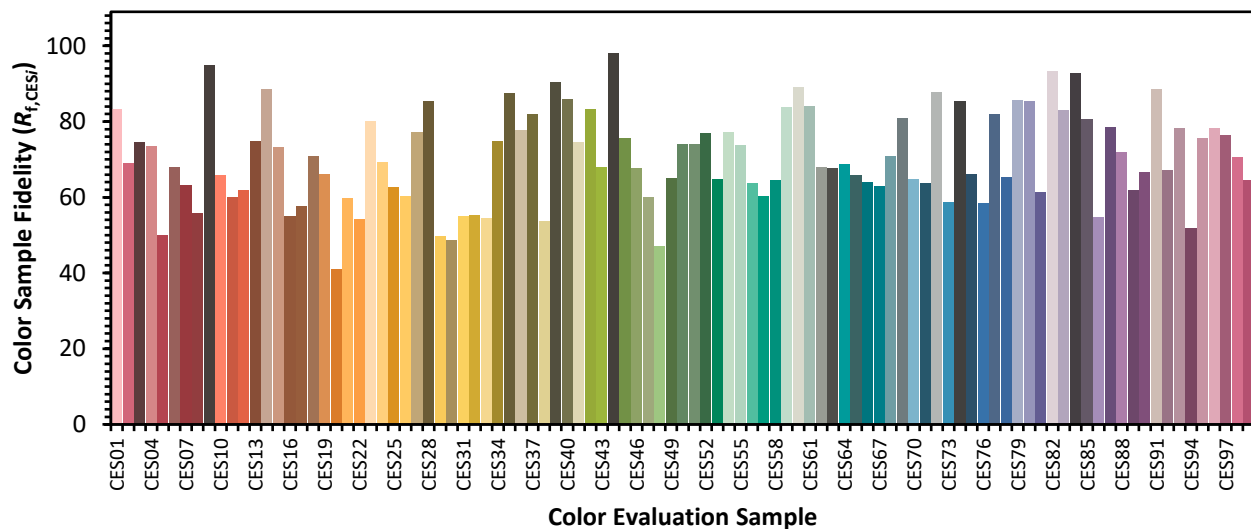


Color Vector Graphics

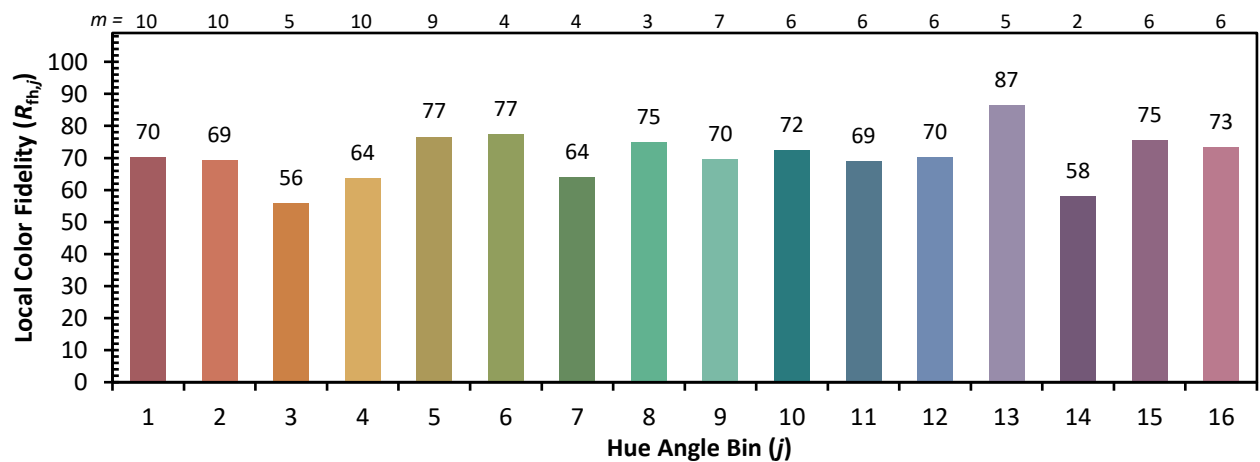
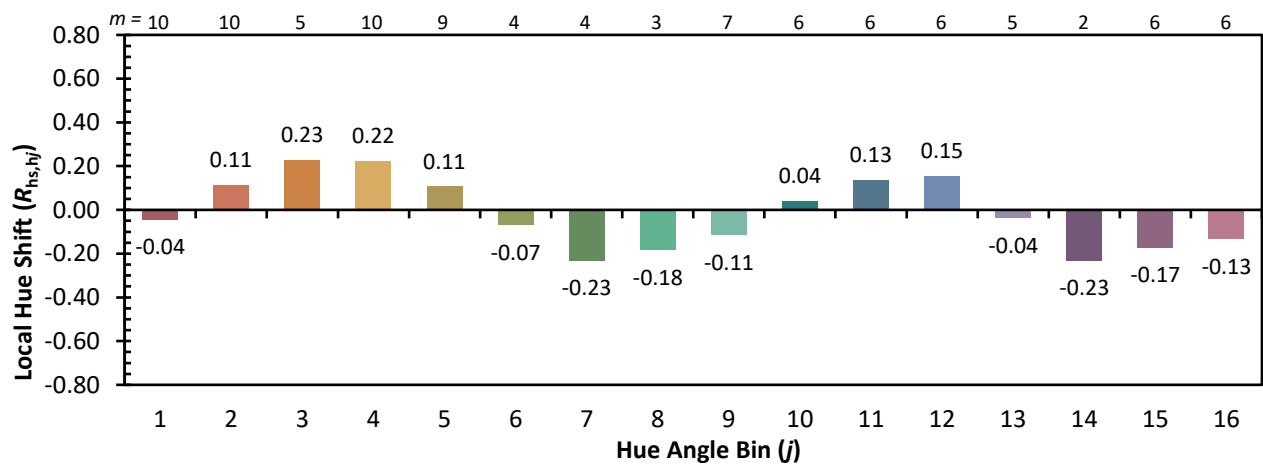
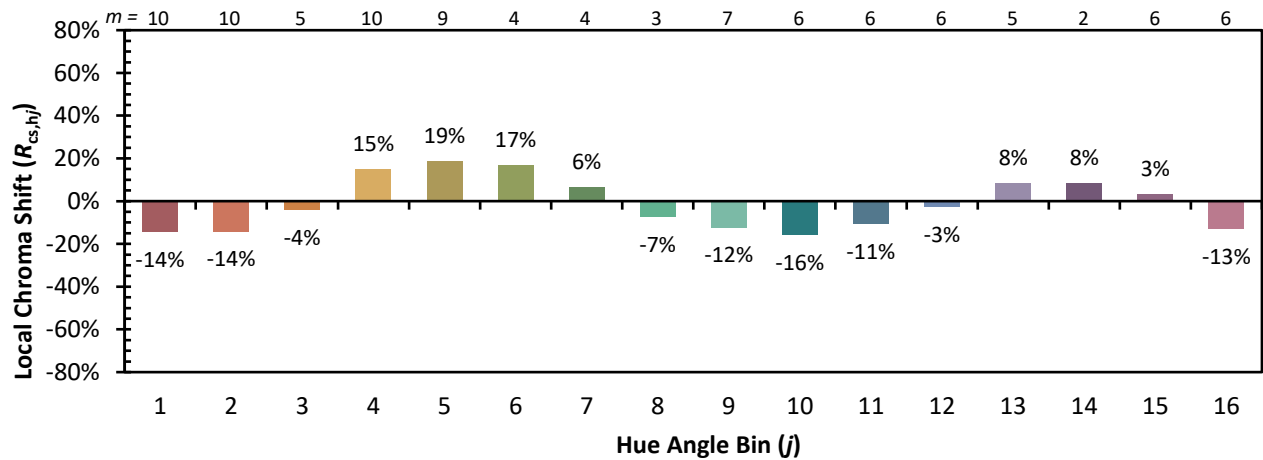


Individual Sample Fidelity Index ($R_{f,i}$)

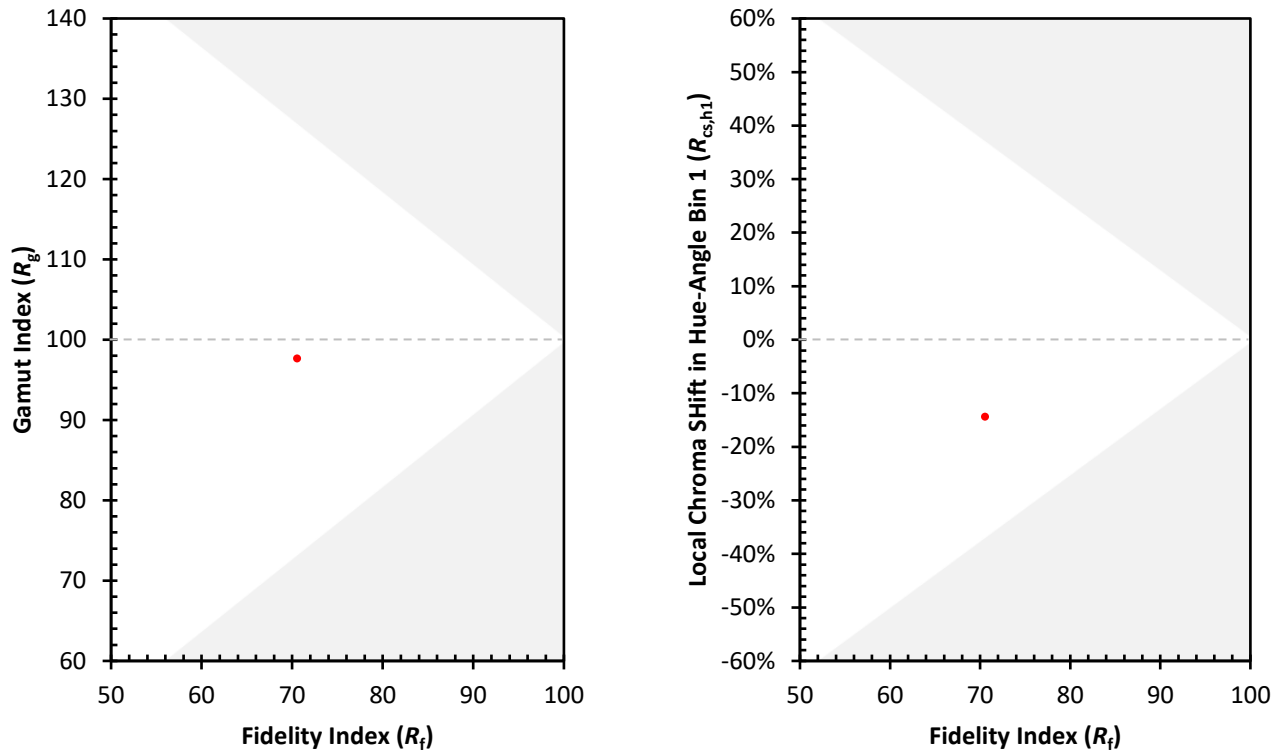
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)