

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: P1057521

Luminaire Tested: **GAP-SA2D-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057521
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA2D-730-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10851.3 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 108.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

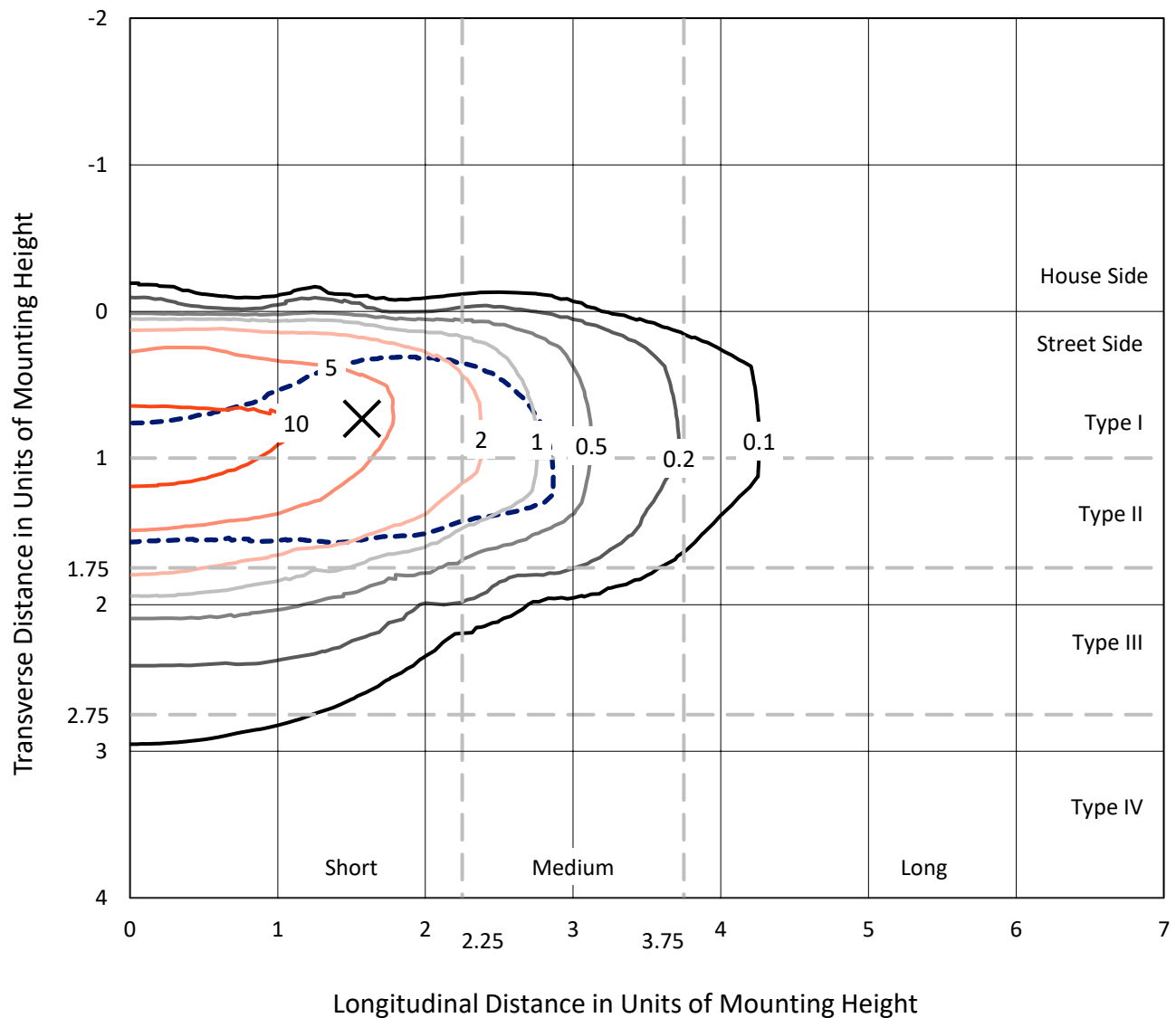


REPORT NUMBER: P1057521

CATALOG NUMBER: GAP-SA2D-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

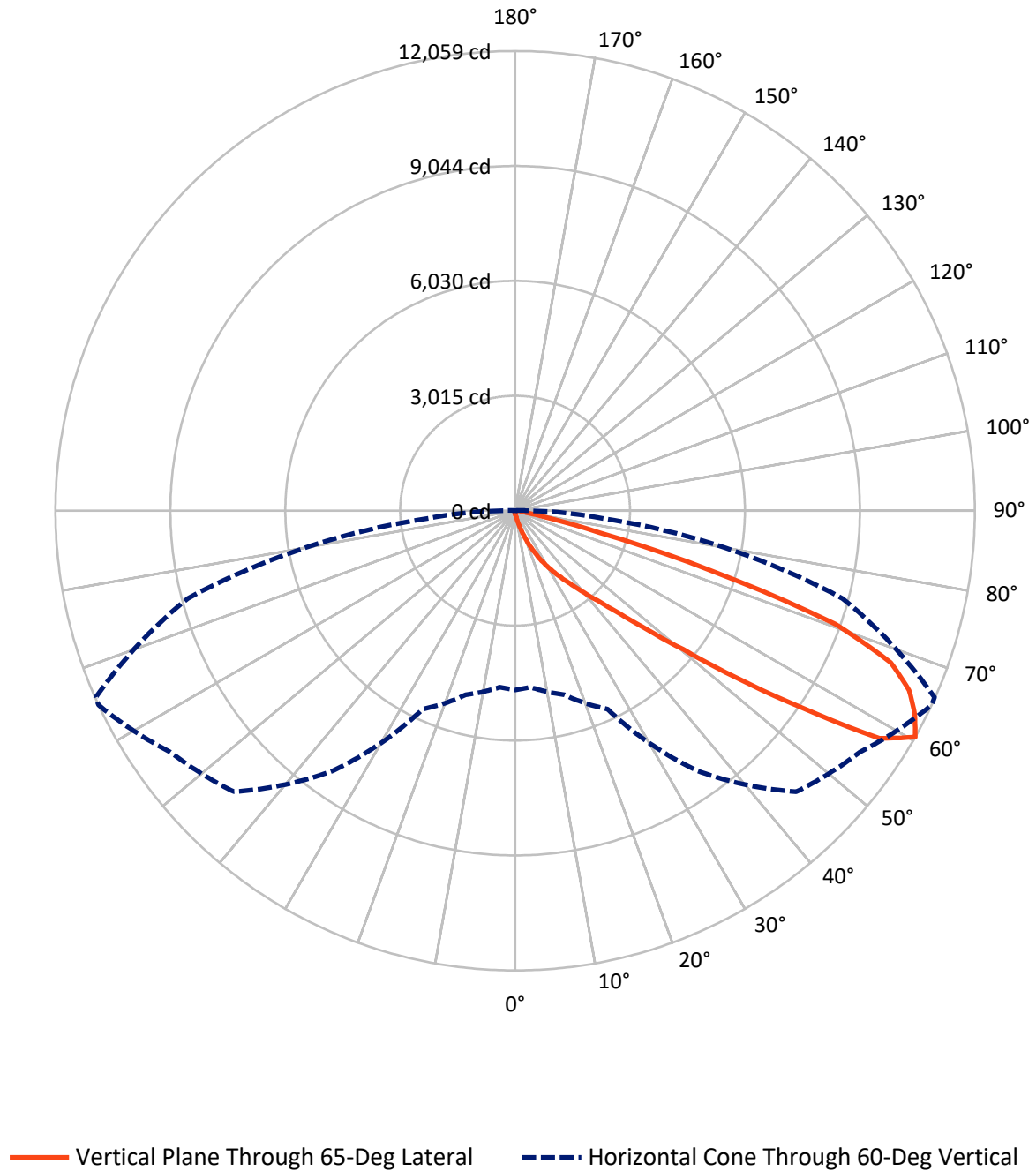


Based on 15 foot mounting height. Maximum calculated value = 15.6 fc
 Type II - Short - N/A

REPORT NUMBER: P1057521

CATALOG NUMBER: GAP-SA2D-730-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1057521

CATALOG NUMBER: GAP-SA2D-730-U-T2BC

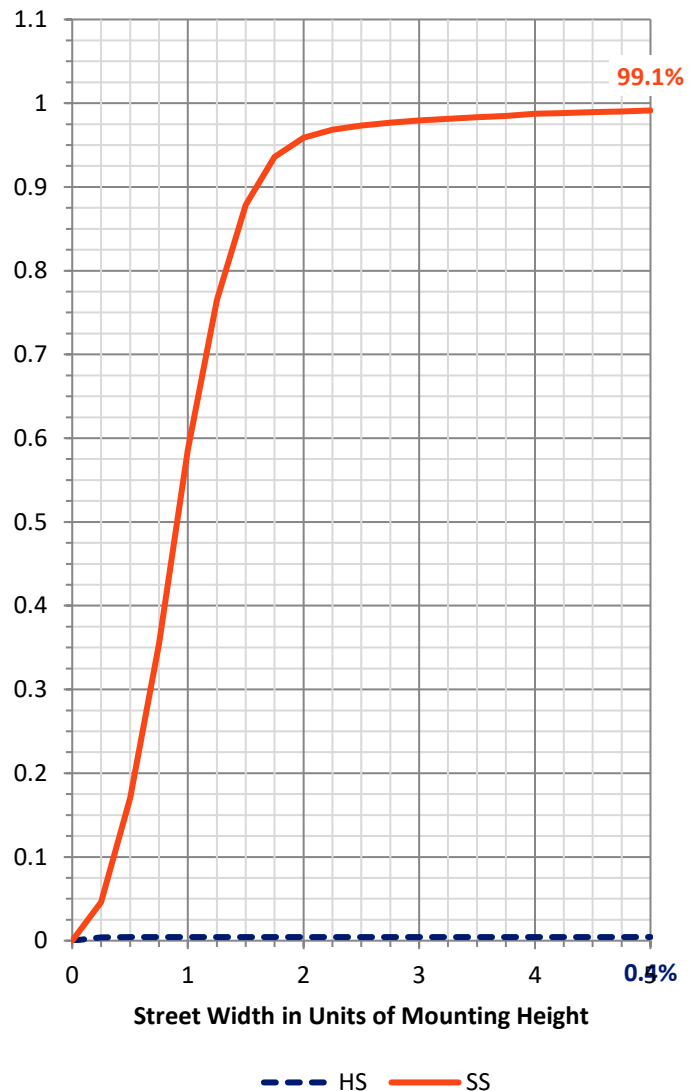
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.4	0.0	48.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10802.9	0.0	10802.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10851.3	0.0	10851.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.4	0.1
10°-20°	119.8	1.1
20°-30°	367.3	3.4
30°-40°	954.5	8.8
40°-50°	2403.0	22.1
50°-60°	3483.5	32.1
60°-70°	2686.7	24.8
70°-80°	741.2	6.8
80°-90°	80.9	0.7
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°	10851.3	100.0
0°-180°	10851.3	100.0



REPORT NUMBER: P1057521

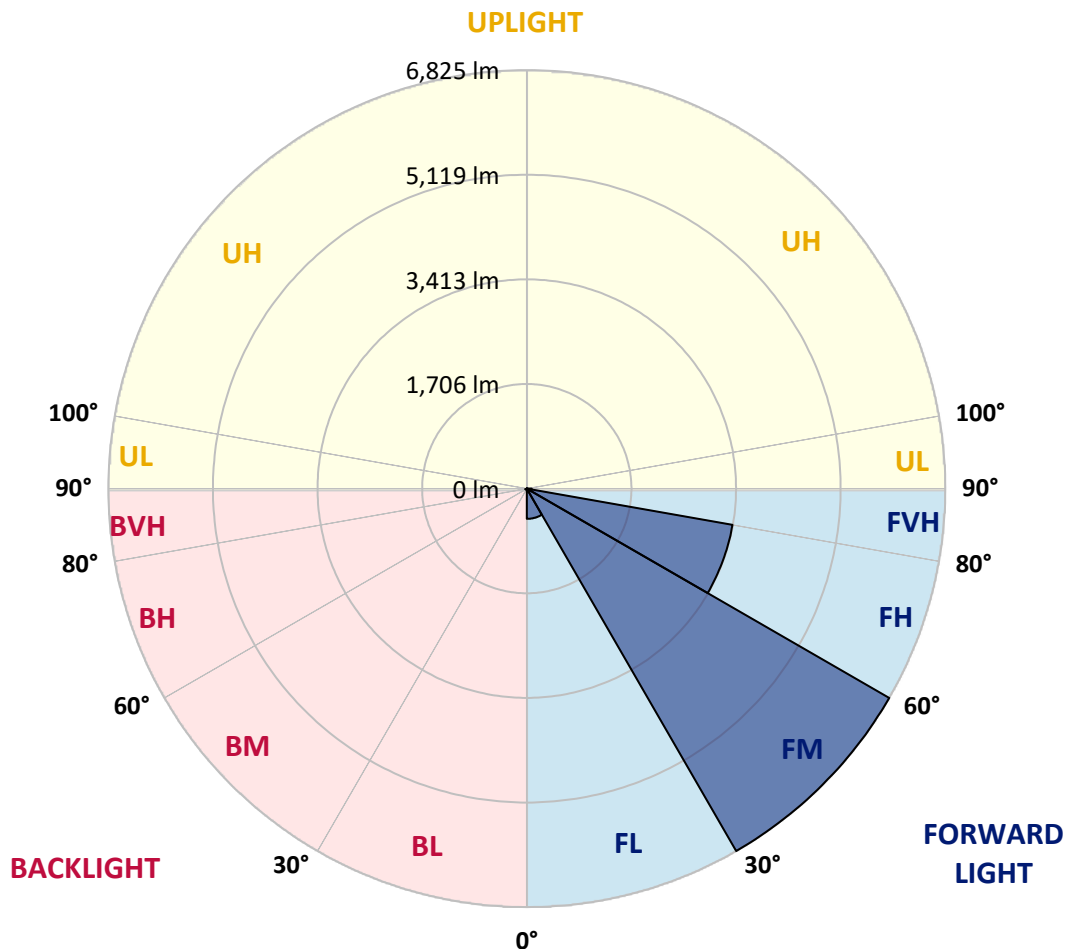
CATALOG NUMBER: GAP-SA2D-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	492.6	4.5			
FM	(30°-60°)	6825.1	62.9			
FH	(60°-80°)	3406.3	31.4			G2/5000
FVH	(80°-90°)	78.9	0.7			G1/100
BL	(0°-30°)	8.9	0.1	B0/110		
BM	(30°-60°)	15.8	0.1	B0/220		
BH	(60°-80°)	21.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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: P1057521

CATALOG NUMBER: GAP-SA2D-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
2.5°	125.1	125.1	123.0	118.9	108.7	102.5	96.4	90.2	88.2	84.1	80.0
5°	227.6	223.5	221.5	201.0	180.4	155.8	131.2	110.7	108.7	94.3	82.0
7.5°	477.8	477.8	436.8	387.6	332.2	256.3	188.7	145.6	139.4	108.7	84.1
10°	781.3	783.3	756.7	678.7	578.3	451.1	305.5	188.7	184.5	127.1	86.1
12.5°	1054.0	1051.9	1025.3	969.9	859.2	699.2	479.8	272.7	256.3	147.6	86.1
15°	1228.3	1228.3	1224.2	1195.5	1117.5	953.5	711.5	399.9	381.4	178.4	88.2
17.5°	1398.5	1408.7	1394.4	1382.1	1324.7	1201.6	953.5	576.2	539.3	227.6	92.3
20°	1603.5	1613.8	1607.6	1589.2	1517.4	1408.7	1195.5	779.2	742.3	309.6	100.5
22.5°	1841.4	1849.6	1837.3	1831.1	1740.9	1603.5	1419.0	1023.2	967.9	414.2	110.7
25°	2134.6	2128.5	2124.4	2089.5	2001.3	1851.6	1630.2	1248.8	1205.7	553.6	125.1
27.5°	2479.1	2470.9	2444.3	2399.1	2270.0	2105.9	1855.7	1488.7	1447.7	721.8	145.6
30°	2944.6	2895.4	2856.4	2755.9	2583.7	2366.3	2108.0	1724.5	1679.4	922.7	168.1
32.5°	3600.8	3586.4	3434.7	3172.2	2924.1	2663.7	2388.9	1974.7	1927.5	1129.9	198.9
35°	4777.8	4710.1	4445.6	3785.3	3319.8	3036.9	2673.9	2224.8	2175.6	1369.8	239.9
37.5°	6100.4	6040.9	5784.6	4989.0	3920.7	3422.4	2991.8	2507.8	2454.5	1632.2	291.2
40°	7427.1	7408.6	7312.3	6676.6	5138.7	3937.1	3412.1	2868.7	2807.2	1896.8	362.9
42.5°	8919.9	8866.6	8805.1	8589.8	7242.5	4968.5	3996.5	3280.9	3227.6	2222.8	465.5
45°	9393.6	9373.1	9446.9	9654.0	9446.9	7129.8	4902.9	3842.7	3789.4	2641.1	613.1
47.5°	9233.6	9213.1	9416.1	9756.5	10230.2	9723.7	6307.5	4648.6	4550.2	3141.4	832.5
50°	8425.7	8433.9	8792.8	9473.5	10152.3	10757.2	8653.3	5721.0	5653.4	3853.0	1127.8
52.5°	7660.9	7675.2	8124.3	8995.8	9742.2	10796.1	10890.5	7281.5	6990.3	4724.5	1492.8
55°	6916.5	6896.0	7236.4	8548.7	9668.3	10263.0	11593.8	9112.6	8921.9	5854.3	1851.6
57.5°	6129.1	6104.5	6282.9	7258.9	9514.5	10336.8	11409.3	11267.8	11040.2	7152.3	2140.8
60°	4701.9	4646.5	4999.2	5745.6	8327.3	10427.0	11044.3	12059.3	12044.9	8891.2	2286.4
62.5°	2253.6	2343.8	2821.6	3631.5	5567.2	9627.3	11185.7	11766.1	11794.8	10425.0	2622.7
65°	1150.4	1170.9	1416.9	1982.9	2946.6	6920.6	10777.7	11360.0	11317.0	10125.6	3494.1
67.5°	775.1	785.4	900.2	1199.6	1710.2	2899.5	8374.4	10630.0	10599.3	8630.8	4012.9
70°	686.9	691.0	719.7	816.1	1025.3	1277.5	3834.5	8919.9	9149.6	6592.5	3664.3
72.5°	672.6	672.6	668.5	674.6	662.3	693.1	1345.2	5370.4	5704.6	4605.5	2969.2
75°	658.2	660.3	654.1	633.6	514.7	432.7	492.1	2261.8	2507.8	3030.7	2224.8
77.5°	615.2	619.3	637.7	586.5	467.5	305.5	280.9	717.7	838.7	1935.7	1630.2
80°	231.7	231.7	231.7	213.3	311.7	231.7	203.0	293.2	311.7	1090.9	1002.7
82.5°	170.2	168.1	159.9	147.6	125.1	116.9	166.1	221.5	221.5	510.6	381.4
85°	49.2	49.2	55.4	73.8	92.3	102.5	127.1	170.2	176.3	194.8	57.4
87.5°	22.6	22.6	28.7	36.9	49.2	73.8	106.6	145.6	147.6	162.0	10.3
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: P1057521

CATALOG NUMBER: GAP-SA2D-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
2.5°	77.9	75.9	73.8	71.8	67.7	63.6	57.4	55.4	53.3	53.3	53.3
5°	77.9	73.8	67.7	61.5	57.4	51.3	47.2	45.1	43.1	41.0	41.0
7.5°	75.9	69.7	61.5	55.4	51.3	45.1	39.0	36.9	34.9	34.9	34.9
10°	75.9	67.7	57.4	51.3	45.1	36.9	30.8	28.7	26.7	24.6	24.6
12.5°	71.8	63.6	53.3	45.1	36.9	28.7	22.6	18.5	16.4	16.4	16.4
15°	69.7	61.5	49.2	39.0	28.7	20.5	14.4	10.3	8.2	10.3	10.3
17.5°	67.7	55.4	45.1	30.8	20.5	12.3	6.2	2.1	2.1	2.1	2.1
20°	67.7	53.3	39.0	24.6	14.4	6.2	2.1	0.0	0.0	0.0	0.0
22.5°	69.7	53.3	34.9	20.5	8.2	4.1	0.0	0.0	0.0	0.0	0.0
25°	71.8	51.3	30.8	14.4	6.2	2.1	0.0	0.0	0.0	0.0	0.0
27.5°	73.8	49.2	26.7	10.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	77.9	47.2	22.6	8.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	84.1	45.1	18.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	90.2	41.0	12.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	98.4	41.0	8.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	110.7	41.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	131.2	43.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	170.2	55.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	242.0	84.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	342.4	121.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	428.6	127.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	445.0	90.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	383.5	73.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	330.1	49.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	397.8	41.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	633.6	39.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	986.3	39.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1105.2	39.0	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	855.1	30.8	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	537.2	24.6	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	293.2	16.4	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	110.7	12.3	6.2	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.0	10.3	8.2	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0
85°	14.4	8.2	8.2	6.2	6.2	2.1	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	8.2	8.2	8.2	6.2	2.1	0.0	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

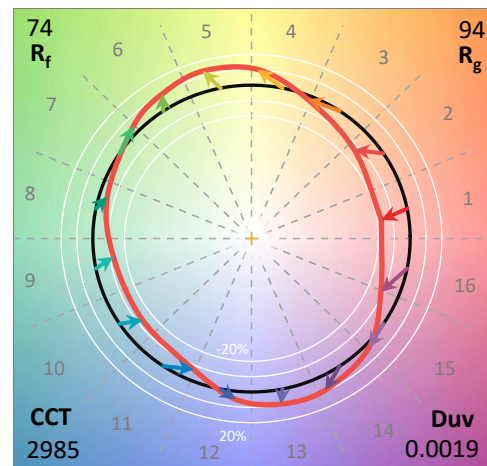
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

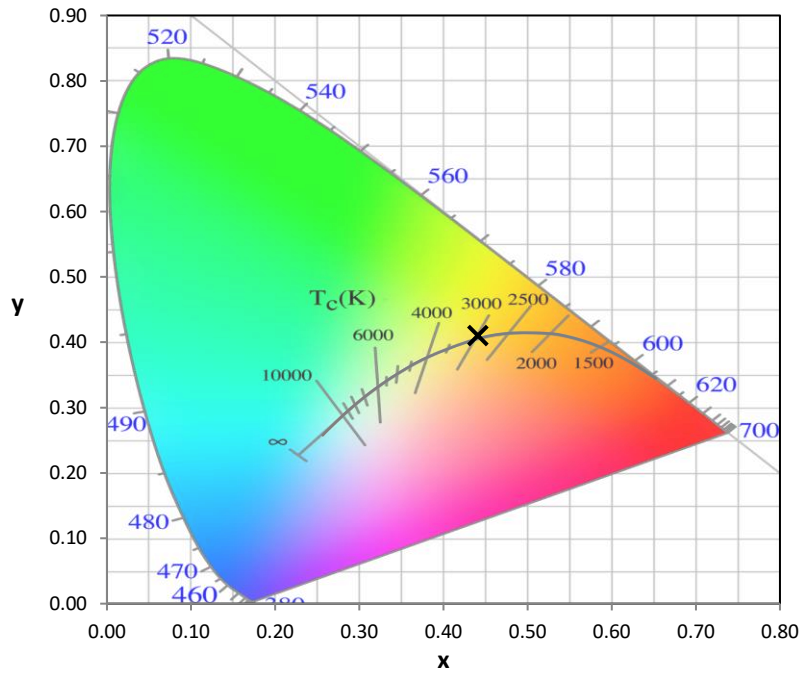
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

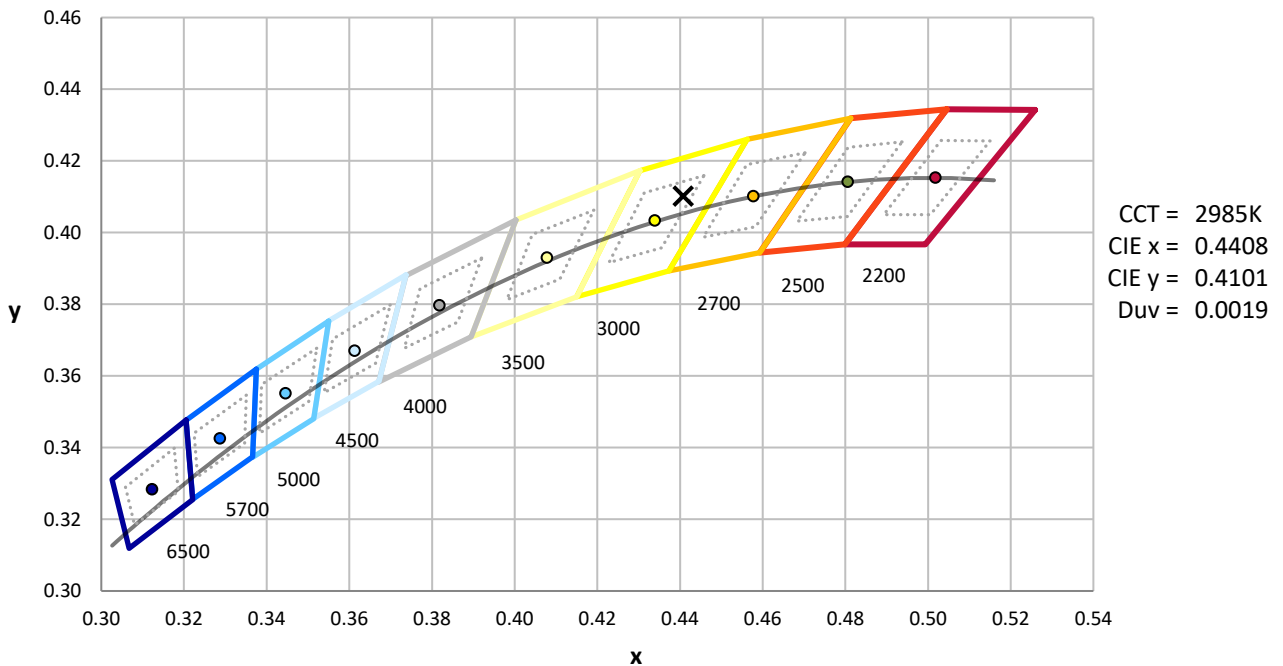
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



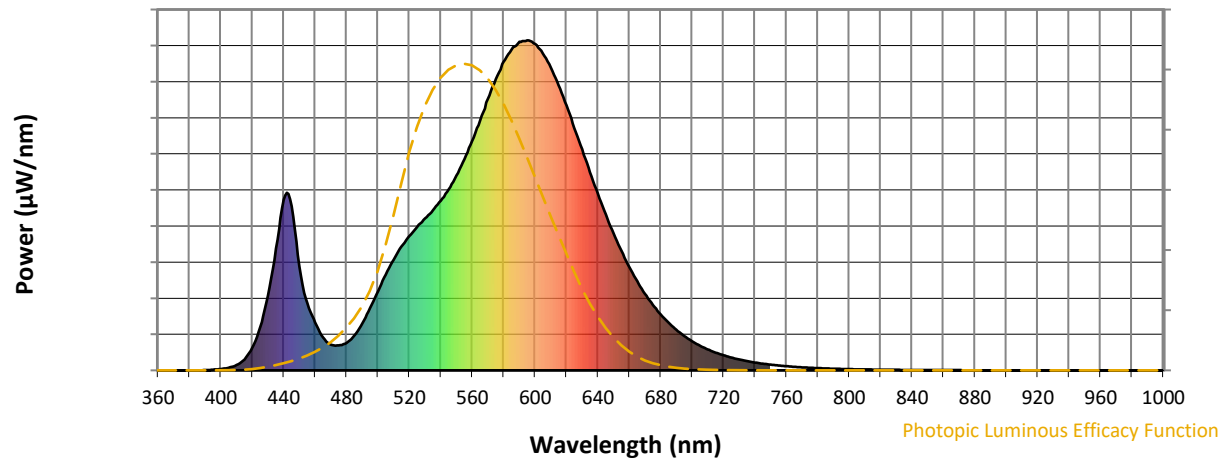
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

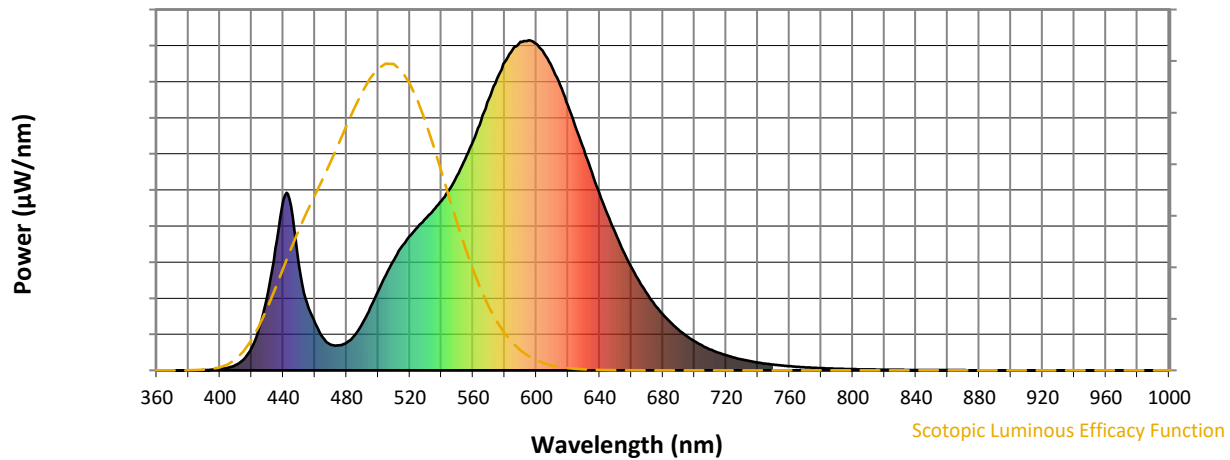


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



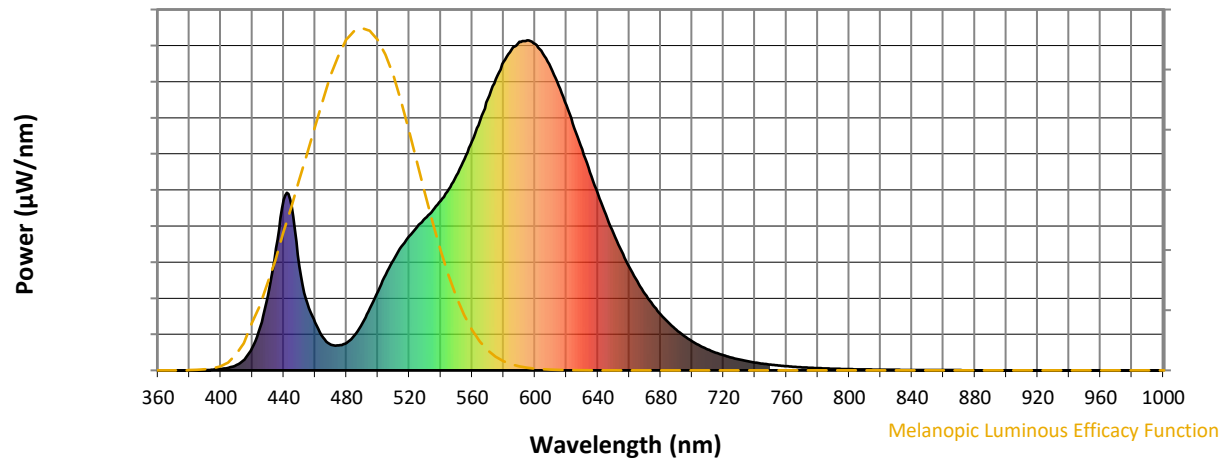
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

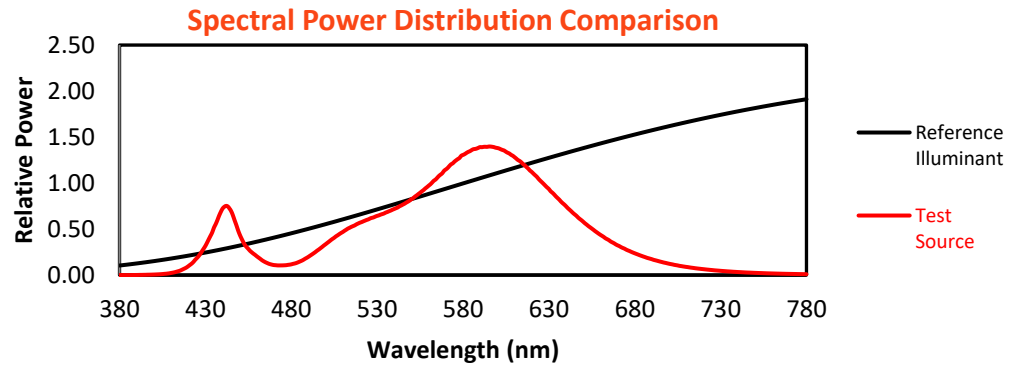
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

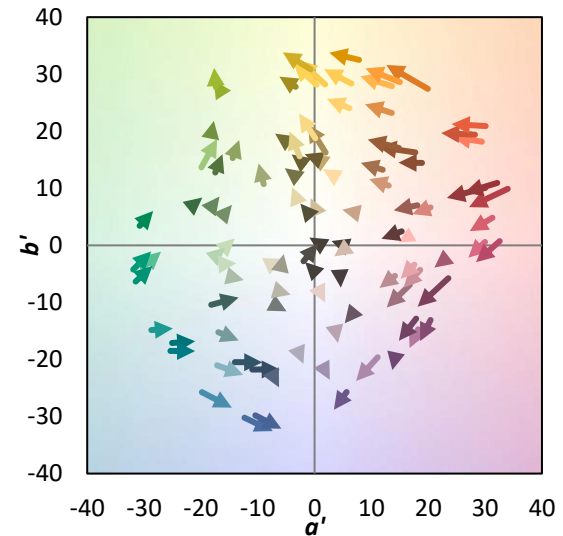
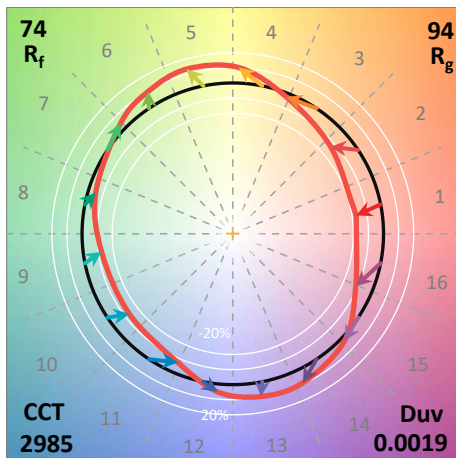
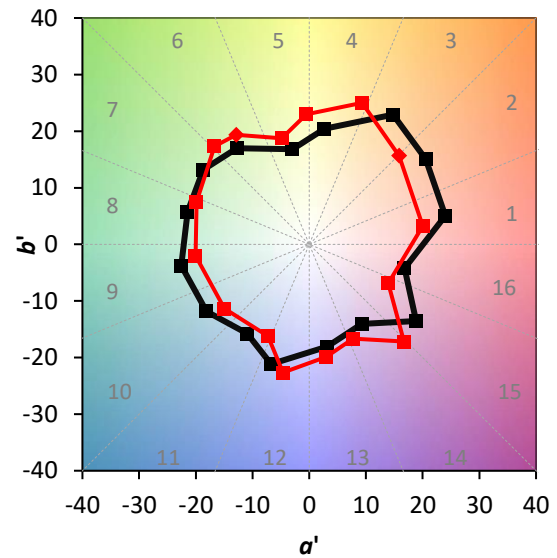
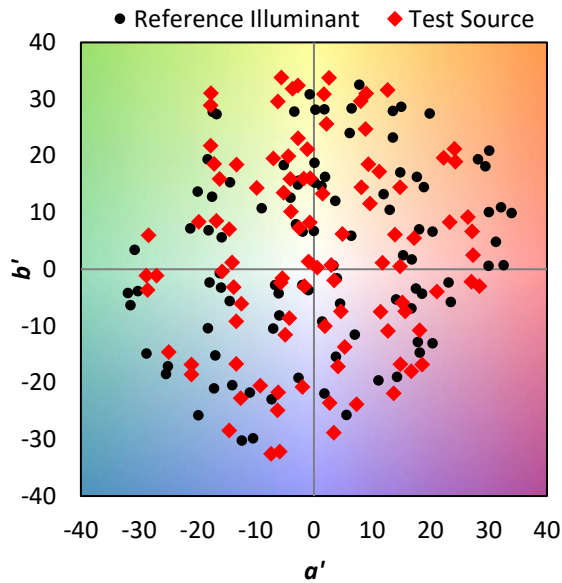
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 CIE $R_a = 70.8$
 $R_g = -43.2$

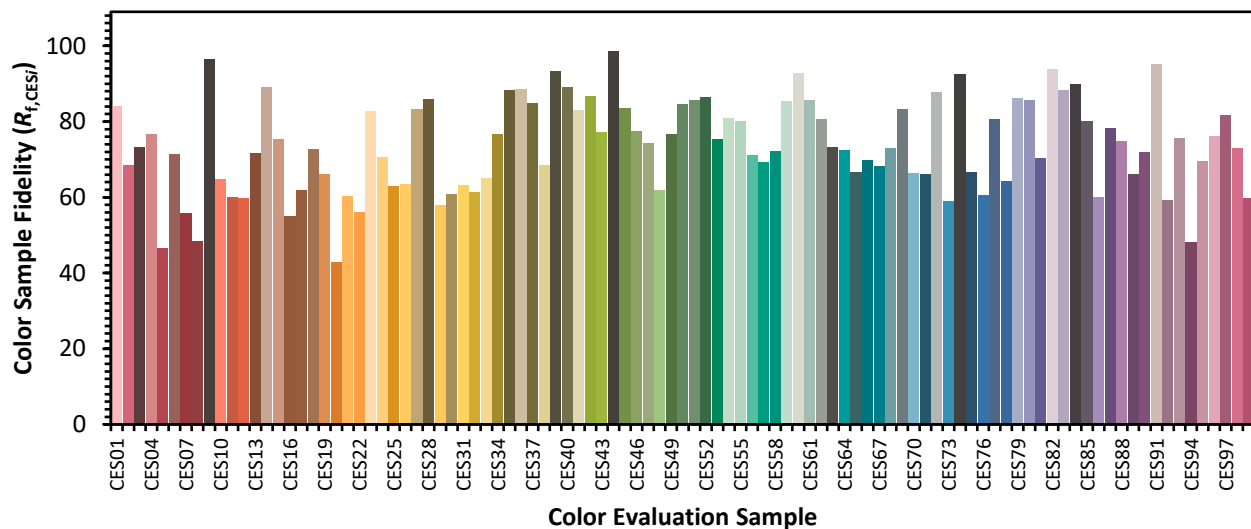


Color Vector Graphics

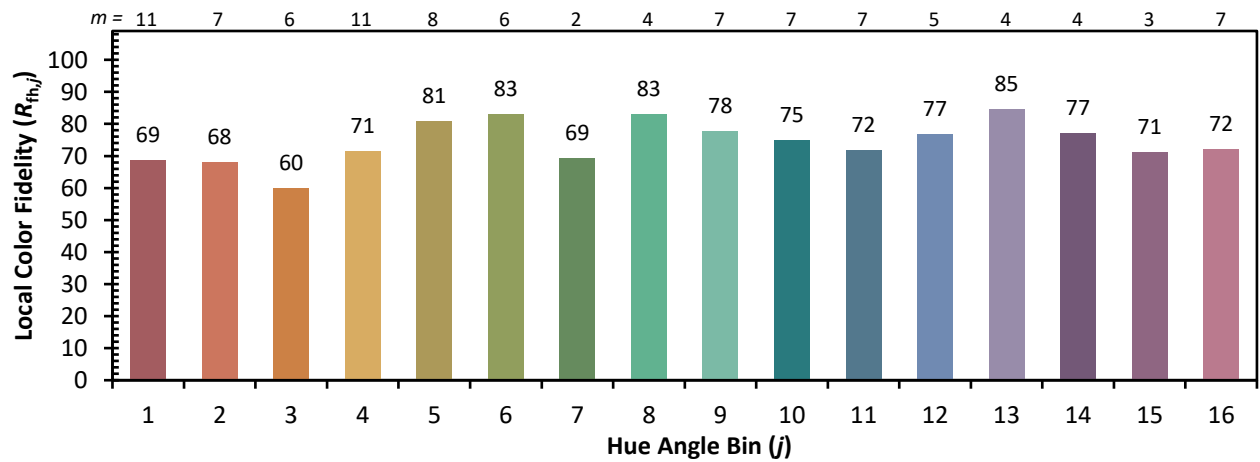
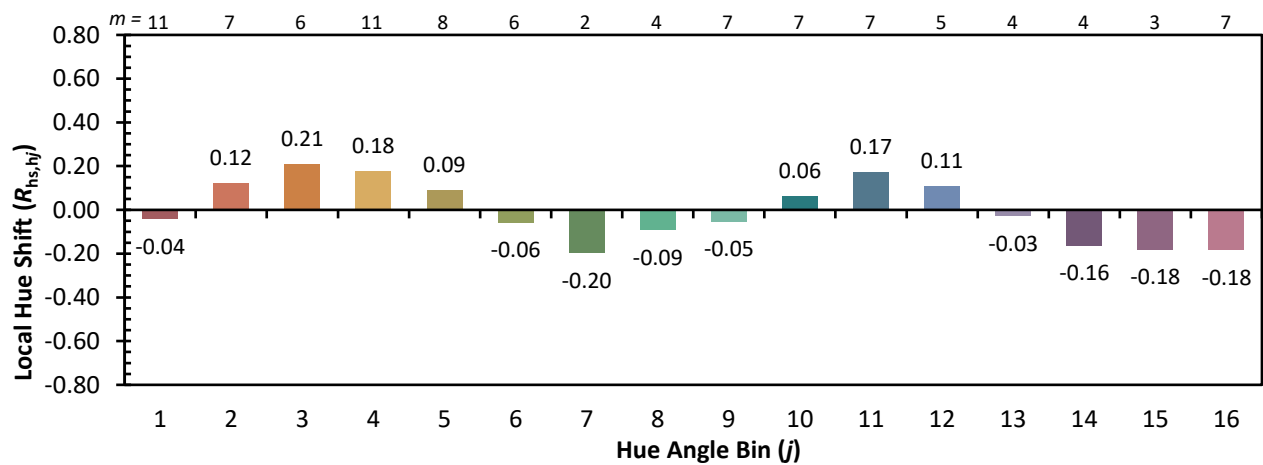
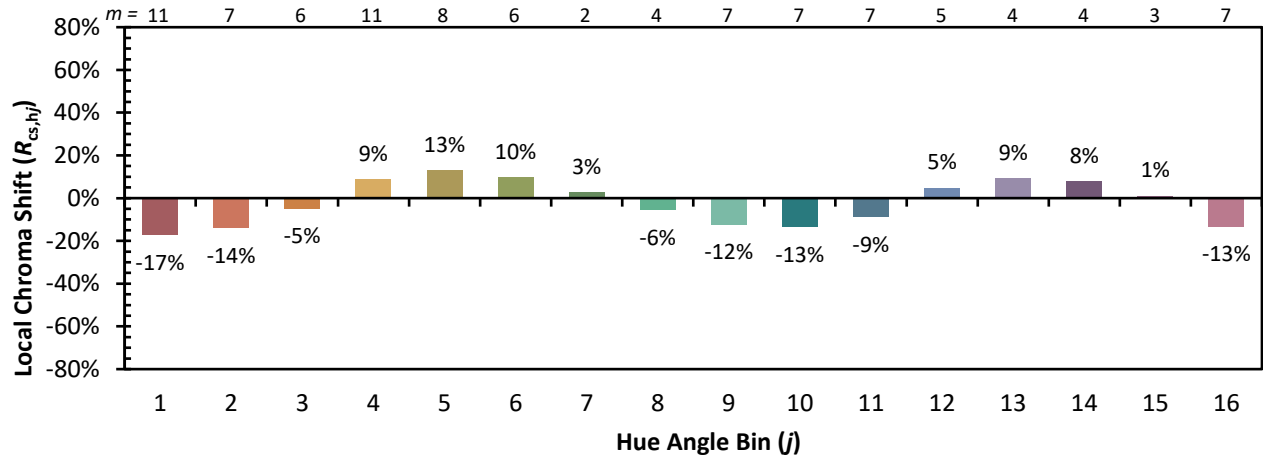


Individual Sample Fidelity Index ($R_{f,i}$)

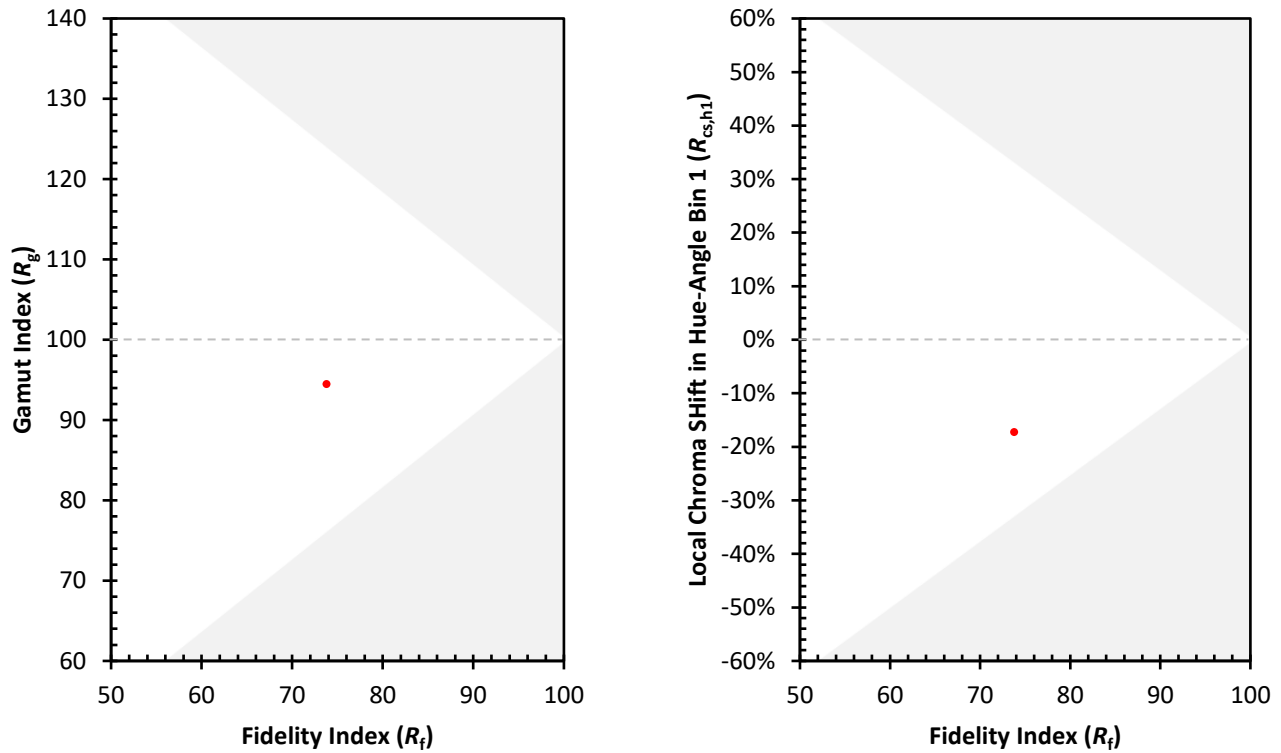
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)