

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: P991103

Luminaire Tested: **GPC-SA2A-730-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991103
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2A-730-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 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: 6175.6 lumens
Efficiency: N/A
Efficacy: 111.1 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): 55.6
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: 24 FT



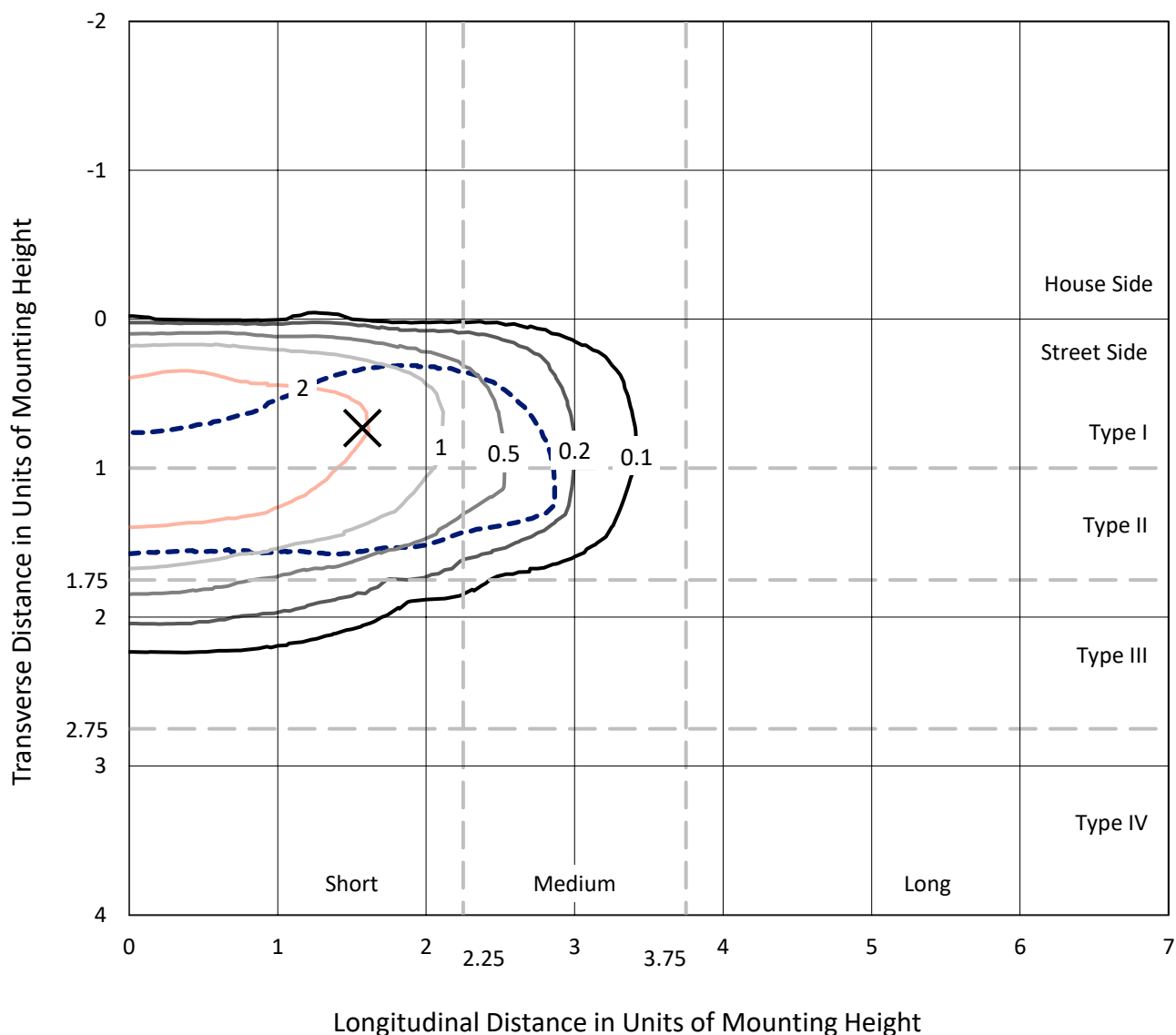
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CATALOG NUMBER: GPC-SA2A-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

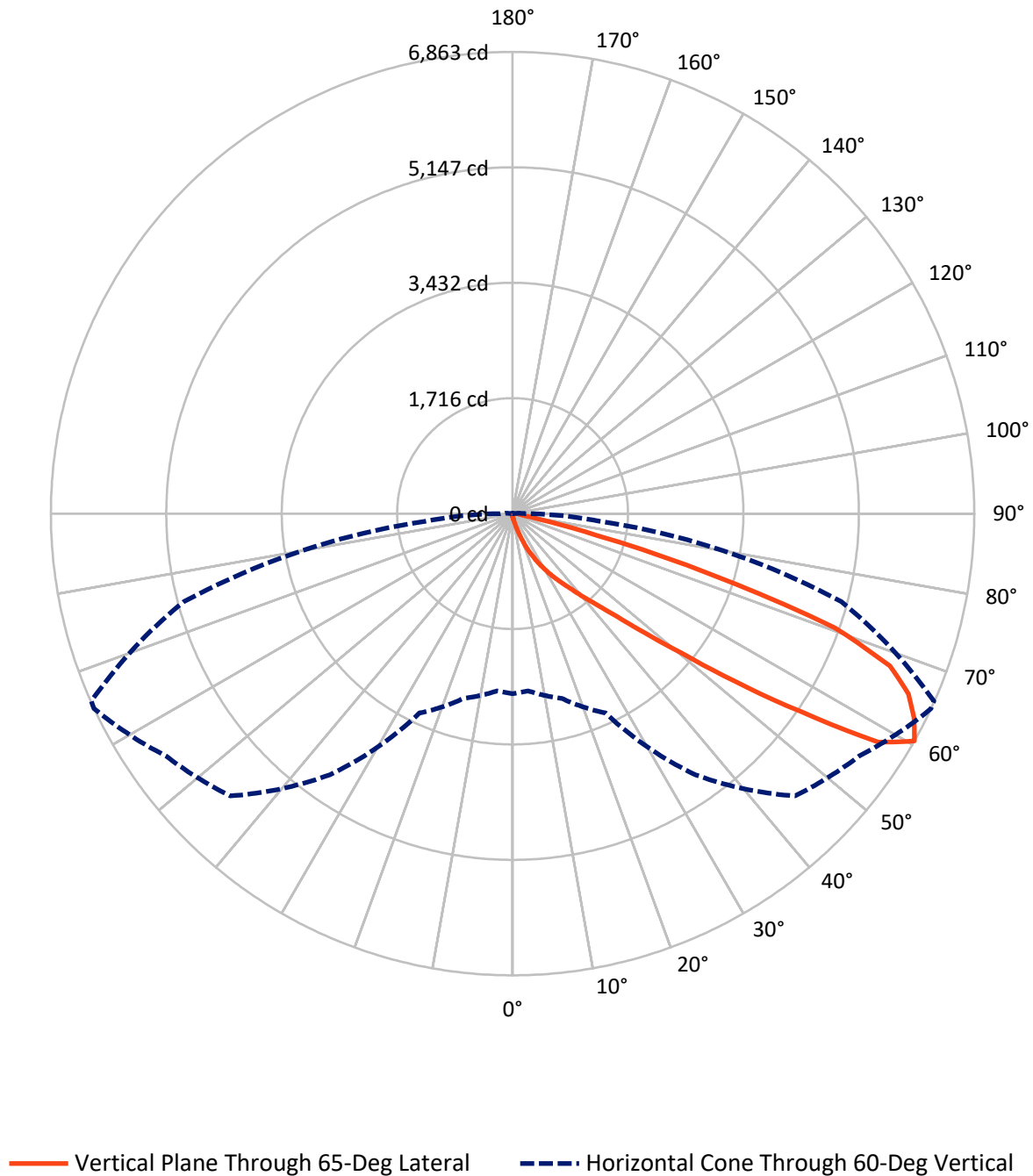


Based on 20 foot mounting height. Maximum calculated value = 5 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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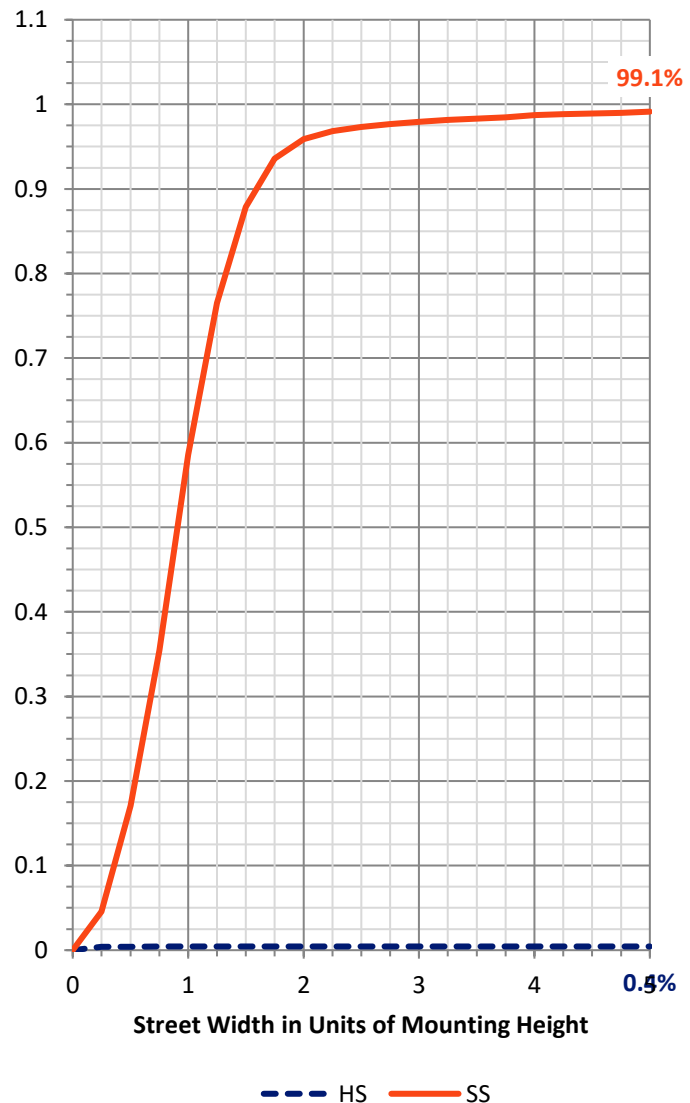
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.5	0.0	27.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6148.1	0.0	6148.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	6175.6	0.0	6175.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.1
10°-20°	68.2	1.1
20°-30°	209.0	3.4
30°-40°	543.2	8.8
40°-50°	1367.6	22.1
50°-60°	1982.5	32.1
60°-70°	1529.0	24.8
70°-80°	421.8	6.8
80°-90°	46.0	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°	6175.6	100.0
0°-180°	6175.6	100.0



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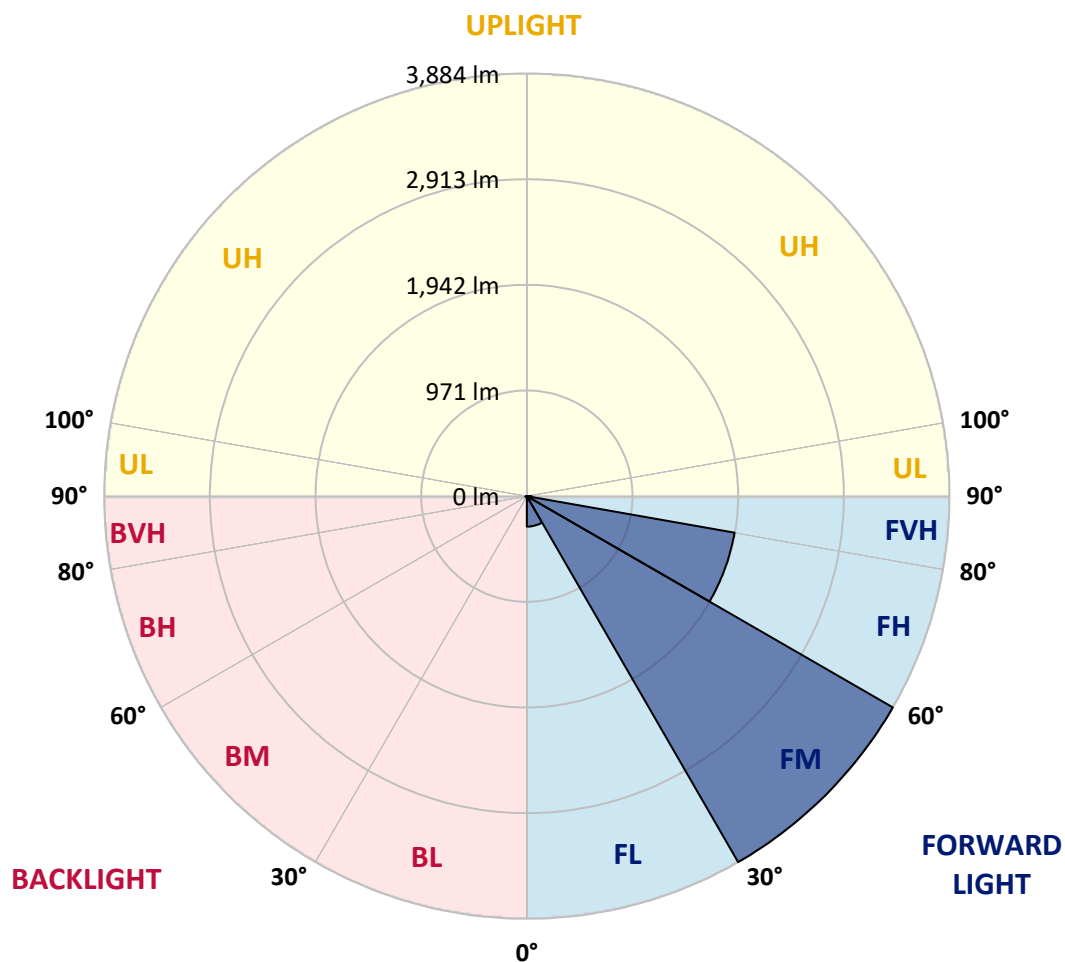
CATALOG NUMBER: GPC-SA2A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	280.3	4.5			
FM	(30°-60°)	3884.3	62.9			
FH	(60°-80°)	1938.6	31.4			G2/5000
FVH	(80°-90°)	44.9	0.7			G1/100
BL	(0°-30°)	5.1	0.1	B0/110		
BM	(30°-60°)	9.0	0.1	B0/220		
BH	(60°-80°)	12.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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: P991103

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
2.5°	71.2	71.2	70.0	67.7	61.9	58.4	54.8	51.3	50.2	47.8	45.5
5°	129.5	127.2	126.0	114.4	102.7	88.7	74.7	63.0	61.9	53.7	46.7
7.5°	271.9	271.9	248.6	220.6	189.1	145.9	107.4	82.9	79.4	61.9	47.8
10°	444.6	445.8	430.6	386.3	329.1	256.7	173.9	107.4	105.0	72.4	49.0
12.5°	599.8	598.7	583.5	552.0	489.0	397.9	273.1	155.2	145.9	84.0	49.0
15°	699.0	699.0	696.7	680.4	636.0	542.7	405.0	227.6	217.1	101.5	50.2
17.5°	795.9	801.7	793.6	786.6	753.9	683.9	542.7	327.9	306.9	129.5	52.5
20°	912.6	918.4	914.9	904.4	863.6	801.7	680.4	443.5	422.5	176.2	57.2
22.5°	1048.0	1052.6	1045.6	1042.1	990.8	912.6	807.6	582.3	550.8	235.7	63.0
25°	1214.9	1211.3	1209.0	1189.2	1139.0	1053.8	927.8	710.7	686.2	315.1	71.2
27.5°	1410.9	1406.2	1391.1	1365.4	1291.9	1198.5	1056.1	847.2	823.9	410.8	82.9
30°	1675.8	1647.8	1625.6	1568.5	1470.4	1346.7	1199.7	981.4	955.8	525.2	95.7
32.5°	2049.3	2041.1	1954.7	1805.4	1664.1	1515.9	1359.6	1123.8	1097.0	643.0	113.2
35°	2719.1	2680.6	2530.1	2154.3	1889.4	1728.3	1521.8	1266.2	1238.2	779.6	136.5
37.5°	3471.8	3438.0	3292.1	2839.3	2231.3	1947.7	1702.7	1427.2	1396.9	928.9	165.7
40°	4226.9	4216.4	4161.5	3799.8	2924.5	2240.6	1941.9	1632.6	1597.6	1079.5	206.6
42.5°	5076.5	5046.1	5011.1	4888.6	4121.9	2827.6	2274.5	1867.2	1836.9	1265.0	264.9
45°	5346.0	5334.4	5376.4	5494.3	5376.4	4057.7	2790.3	2187.0	2156.6	1503.1	348.9
47.5°	5255.0	5243.3	5358.9	5552.6	5822.2	5533.9	3589.7	2645.6	2589.6	1787.8	473.8
50°	4795.2	4799.9	5004.1	5391.6	5777.8	6122.1	4924.8	3255.9	3217.4	2192.8	641.9
52.5°	4359.9	4368.1	4623.7	5119.6	5544.4	6144.3	6198.0	4144.0	3978.3	2688.8	849.6
55°	3936.3	3924.6	4118.4	4865.2	5502.4	5840.9	6598.2	5186.2	5077.6	3331.8	1053.8
57.5°	3488.2	3474.2	3575.7	4131.2	5414.9	5882.9	6493.2	6412.7	6283.1	4070.5	1218.4
60°	2675.9	2644.4	2845.2	3269.9	4739.2	5934.2	6285.5	6863.1	6855.0	5060.1	1301.2
62.5°	1282.5	1333.9	1605.8	2066.8	3168.4	5479.1	6366.0	6696.3	6712.6	5933.0	1492.6
65°	654.7	666.4	806.4	1128.5	1677.0	3938.6	6133.8	6465.2	6440.7	5762.7	1988.6
67.5°	441.1	447.0	512.3	682.7	973.3	1650.1	4766.0	6049.7	6032.2	4911.9	2283.8
70°	390.9	393.3	409.6	464.5	583.5	727.0	2182.3	5076.5	5207.2	3751.9	2085.4
72.5°	382.8	382.8	380.4	383.9	376.9	394.4	765.6	3056.4	3246.6	2621.1	1689.8
75°	374.6	375.8	372.3	360.6	292.9	246.2	280.1	1287.2	1427.2	1724.8	1266.2
77.5°	350.1	352.4	362.9	333.8	266.1	173.9	159.9	408.5	477.3	1101.7	927.8
80°	131.9	131.9	131.9	121.4	177.4	131.9	115.5	166.9	177.4	620.8	570.7
82.5°	96.9	95.7	91.0	84.0	71.2	66.5	94.5	126.0	126.0	290.6	217.1
85°	28.0	28.0	31.5	42.0	52.5	58.4	72.4	96.9	100.4	110.9	32.7
87.5°	12.8	12.8	16.3	21.0	28.0	42.0	60.7	82.9	84.0	92.2	5.8
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: GPC-SA2A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
2.5°	44.3	43.2	42.0	40.8	38.5	36.2	32.7	31.5	30.3	30.3	30.3
5°	44.3	42.0	38.5	35.0	32.7	29.2	26.8	25.7	24.5	23.3	23.3
7.5°	43.2	39.7	35.0	31.5	29.2	25.7	22.2	21.0	19.8	19.8	19.8
10°	43.2	38.5	32.7	29.2	25.7	21.0	17.5	16.3	15.2	14.0	14.0
12.5°	40.8	36.2	30.3	25.7	21.0	16.3	12.8	10.5	9.3	9.3	9.3
15°	39.7	35.0	28.0	22.2	16.3	11.7	8.2	5.8	4.7	5.8	5.8
17.5°	38.5	31.5	25.7	17.5	11.7	7.0	3.5	1.2	1.2	1.2	1.2
20°	38.5	30.3	22.2	14.0	8.2	3.5	1.2	0.0	0.0	0.0	0.0
22.5°	39.7	30.3	19.8	11.7	4.7	2.3	0.0	0.0	0.0	0.0	0.0
25°	40.8	29.2	17.5	8.2	3.5	1.2	0.0	0.0	0.0	0.0	0.0
27.5°	42.0	28.0	15.2	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	44.3	26.8	12.8	4.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	47.8	25.7	10.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	51.3	23.3	7.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	56.0	23.3	4.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	63.0	23.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	74.7	24.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	96.9	31.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	137.7	47.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	194.9	68.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	243.9	72.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	253.2	51.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	218.2	42.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	187.9	28.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	226.4	23.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	360.6	22.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	561.3	22.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	629.0	22.2	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	486.6	17.5	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	305.8	14.0	3.5	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	166.9	9.3	3.5	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	63.0	7.0	3.5	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	22.2	5.8	4.7	3.5	2.3	1.2	0.0	0.0	0.0	0.0	0.0
85°	8.2	4.7	4.7	3.5	3.5	1.2	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.7	4.7	4.7	3.5	1.2	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

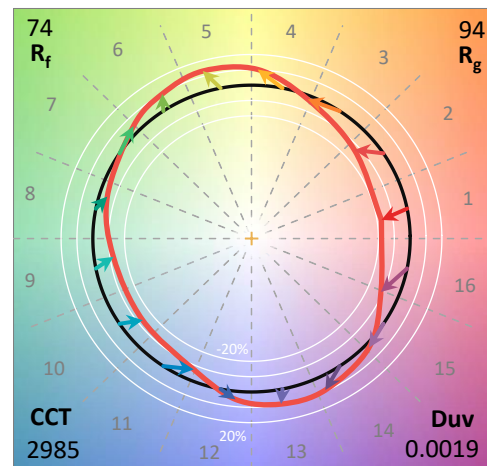
Test Information

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

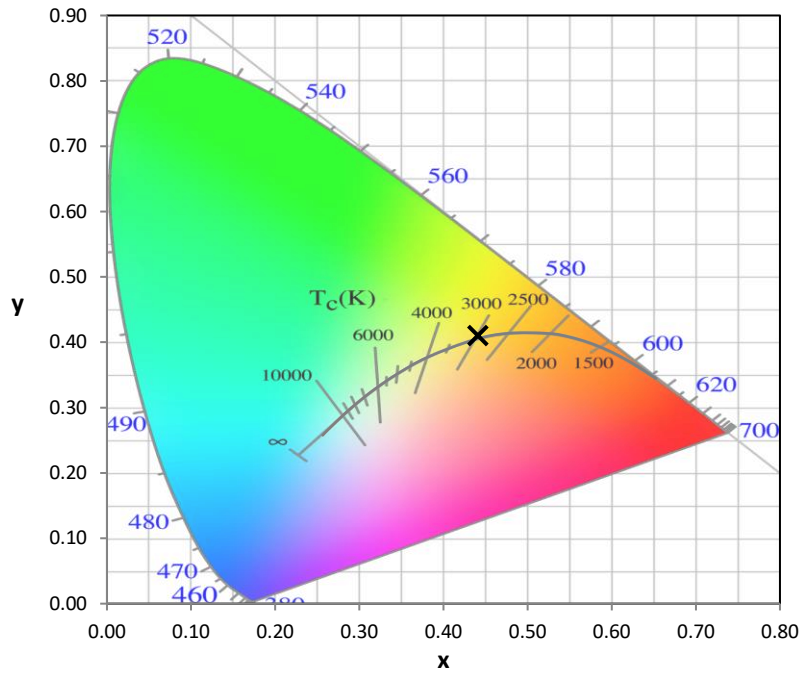
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

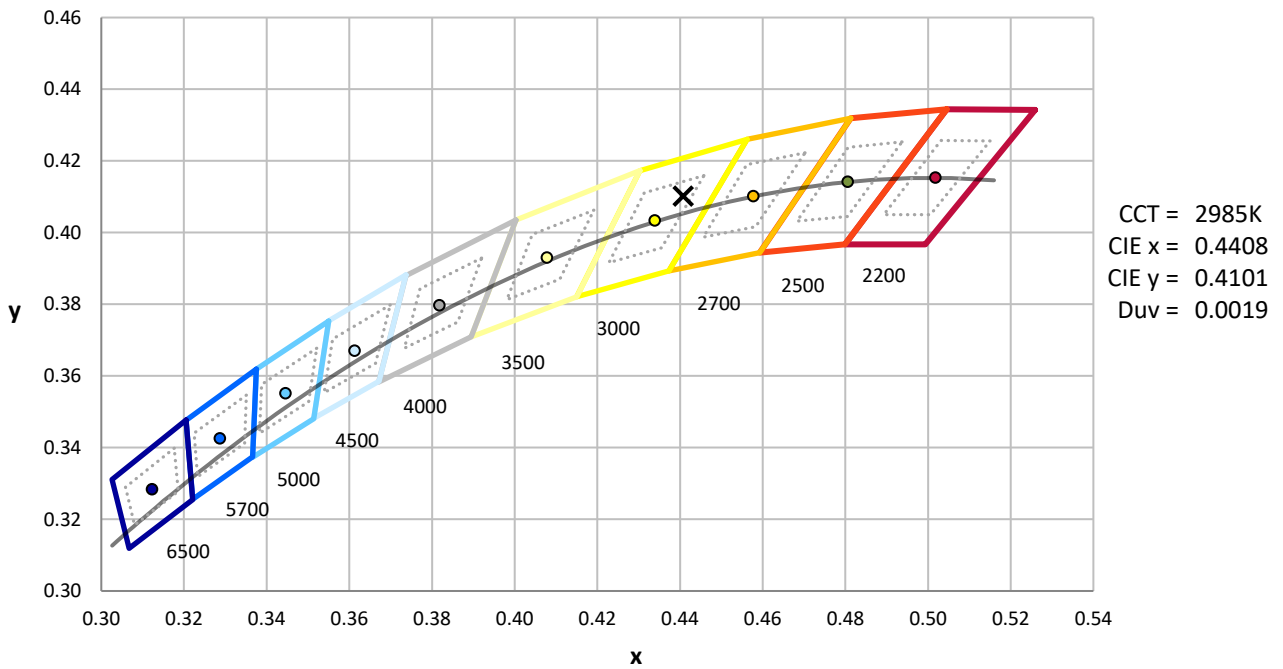
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



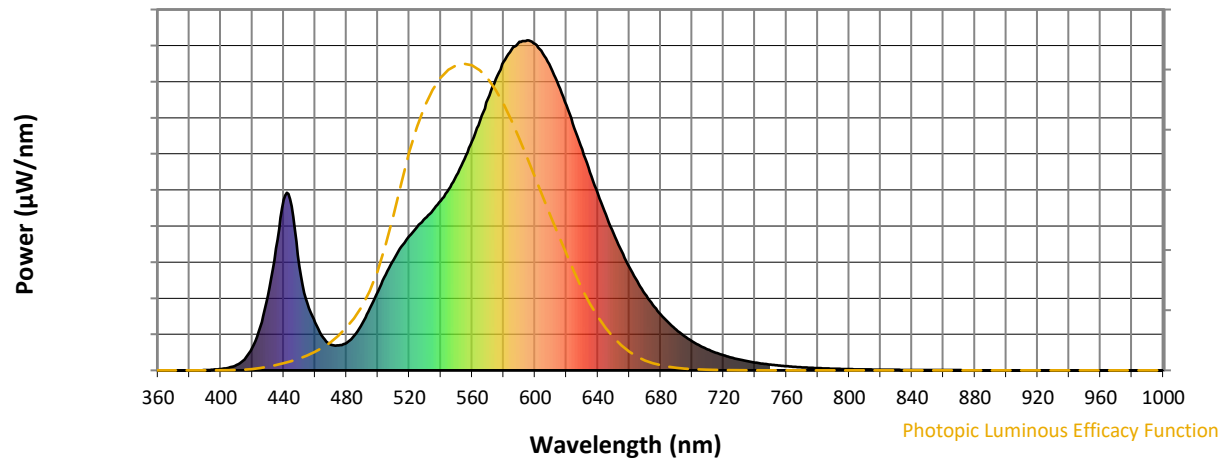
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

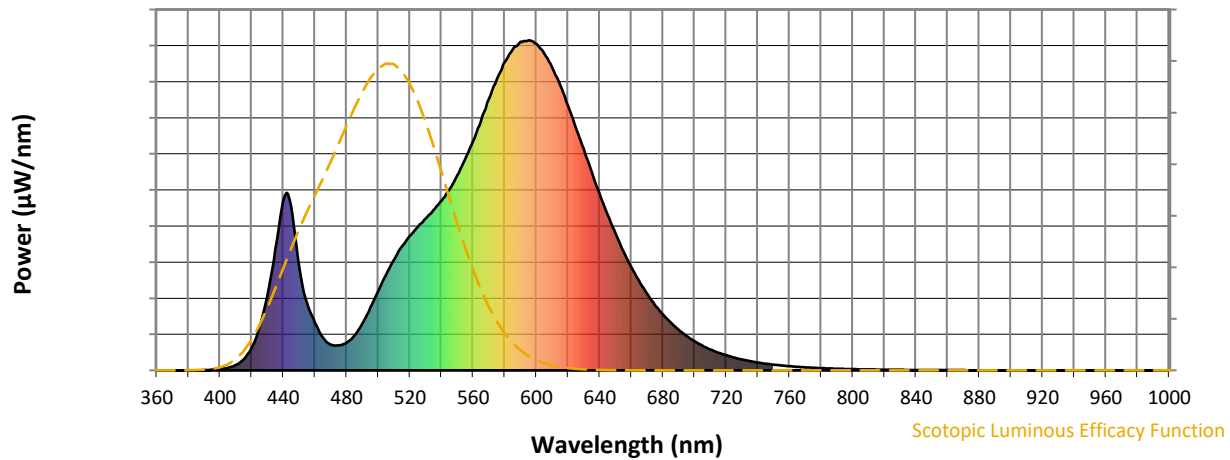


Photopic Lumens: NR

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



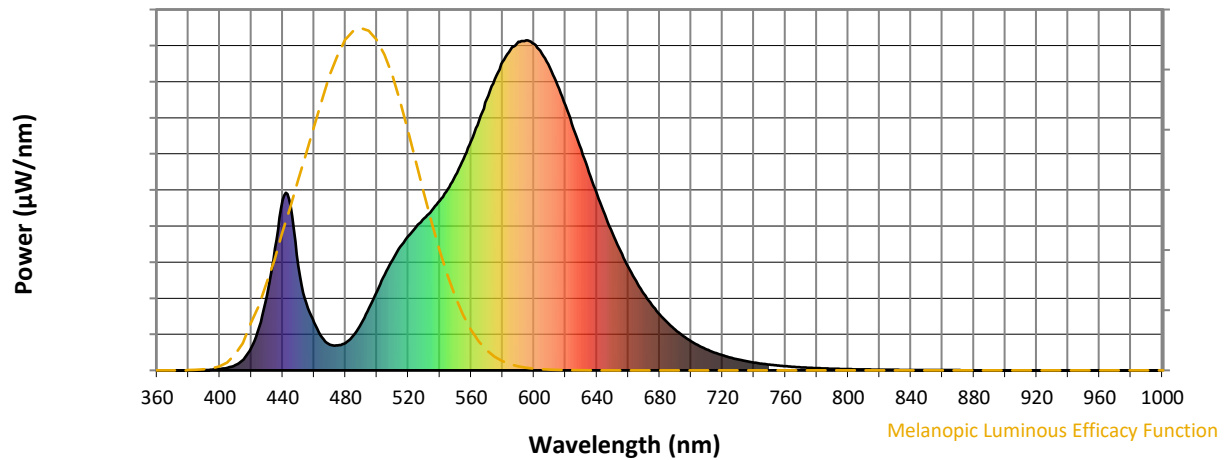
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

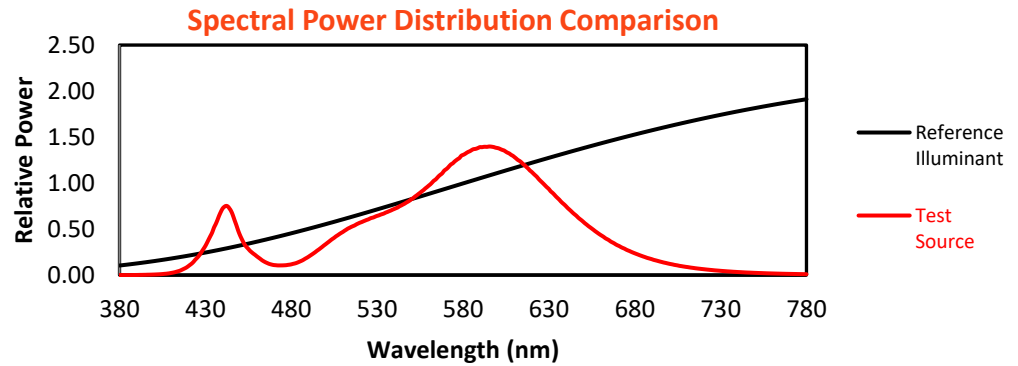
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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			

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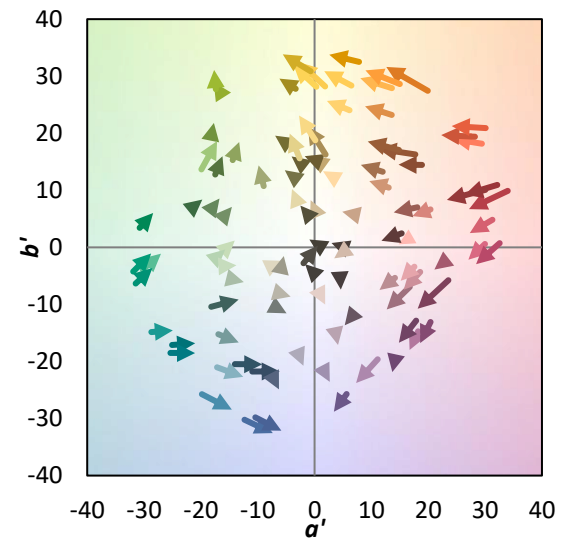
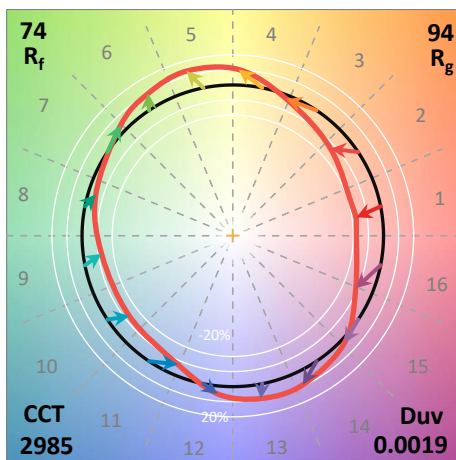
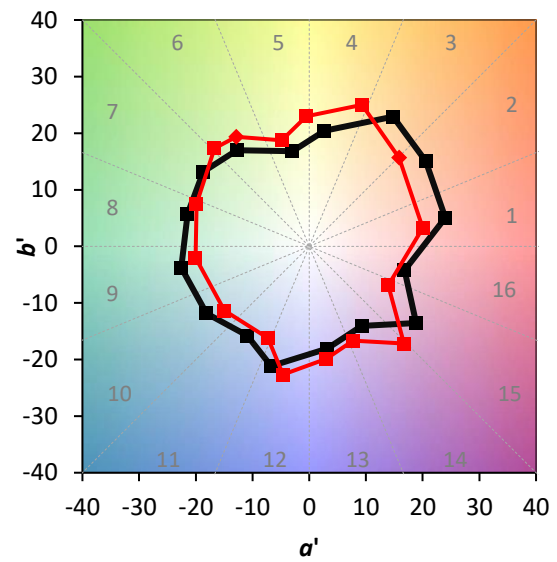
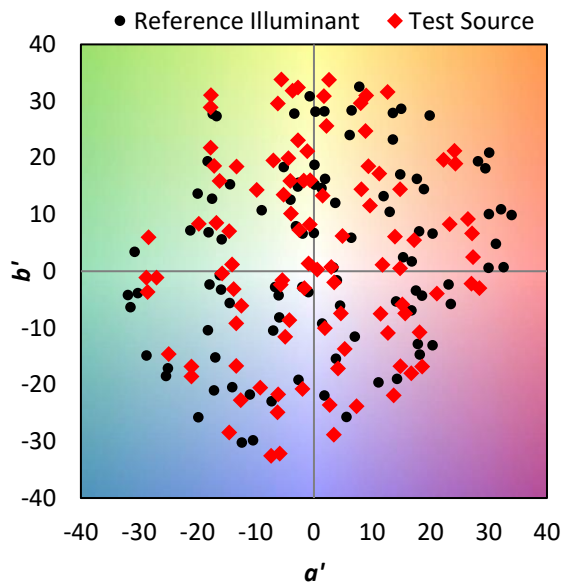
TM-30-18

Summary

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

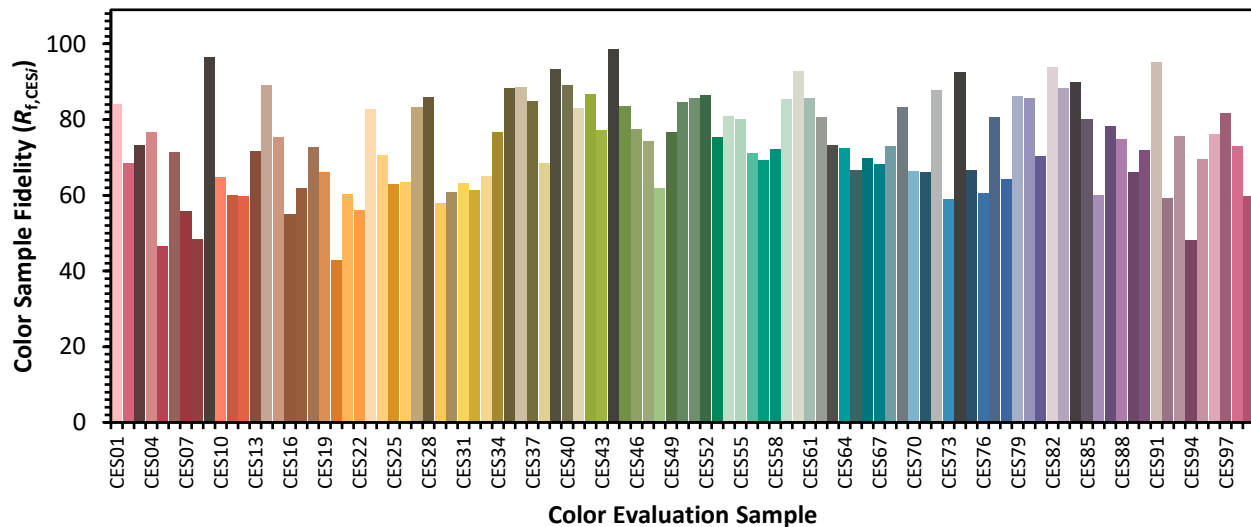


Color Vector Graphics

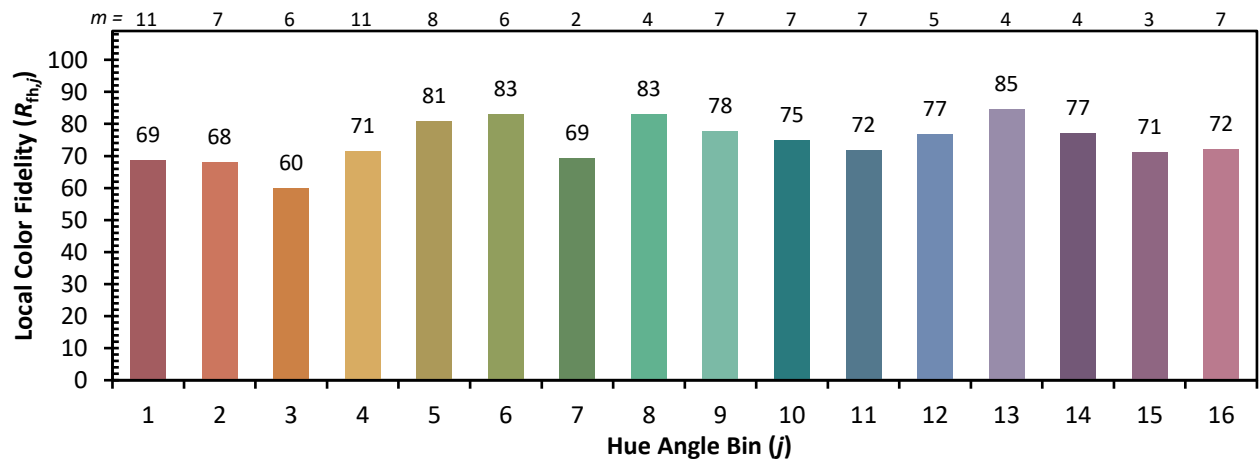
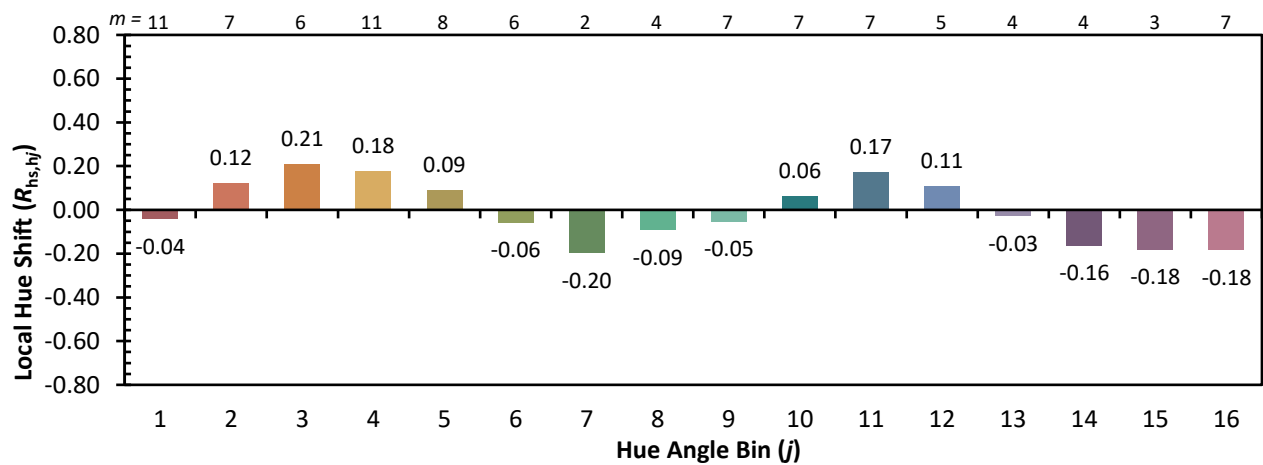
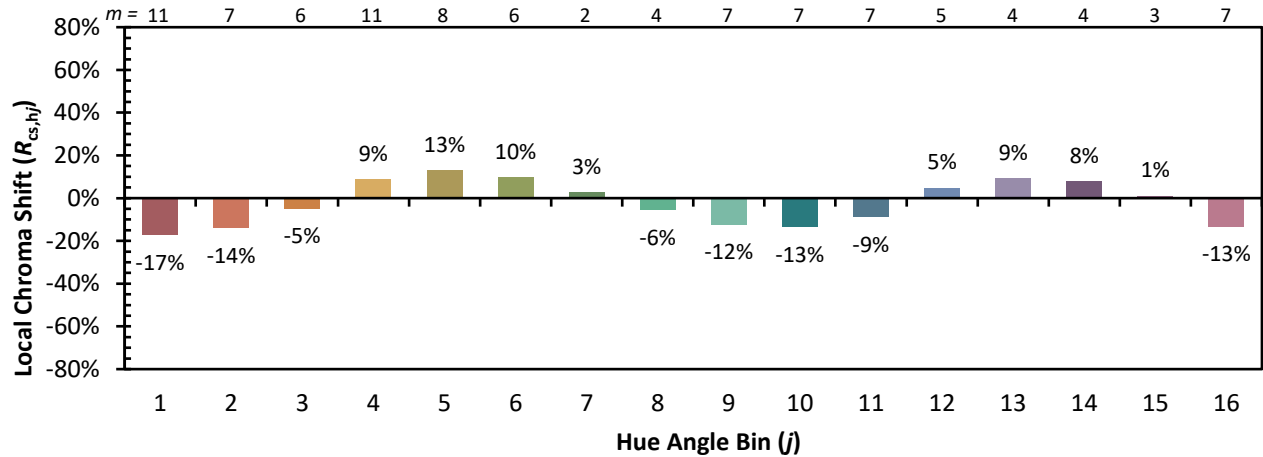


Individual Sample Fidelity Index ($R_{f,i}$)

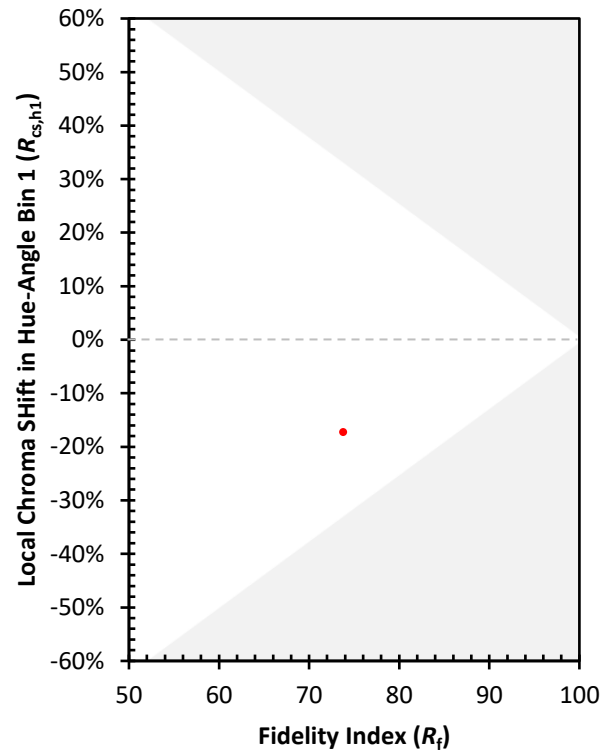
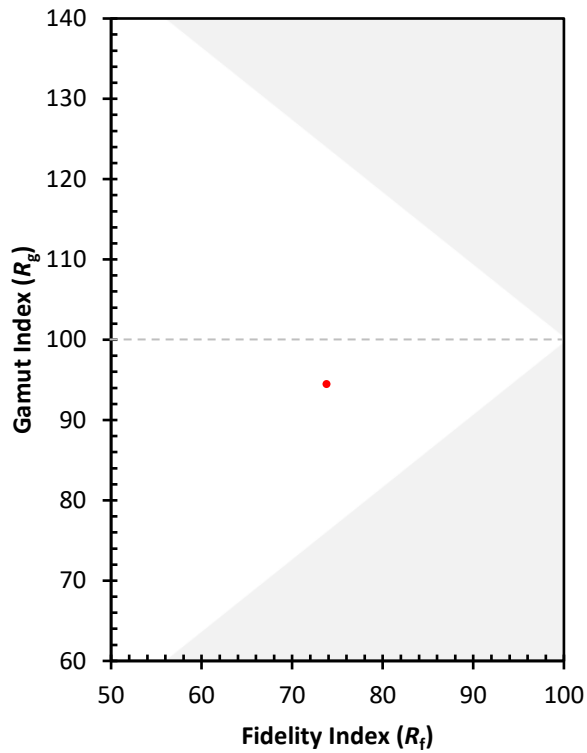
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)