

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: P991172

Luminaire Tested: **GPC-SA2D-730-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991172
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-730-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10931.8 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type IV - 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: 24 FT

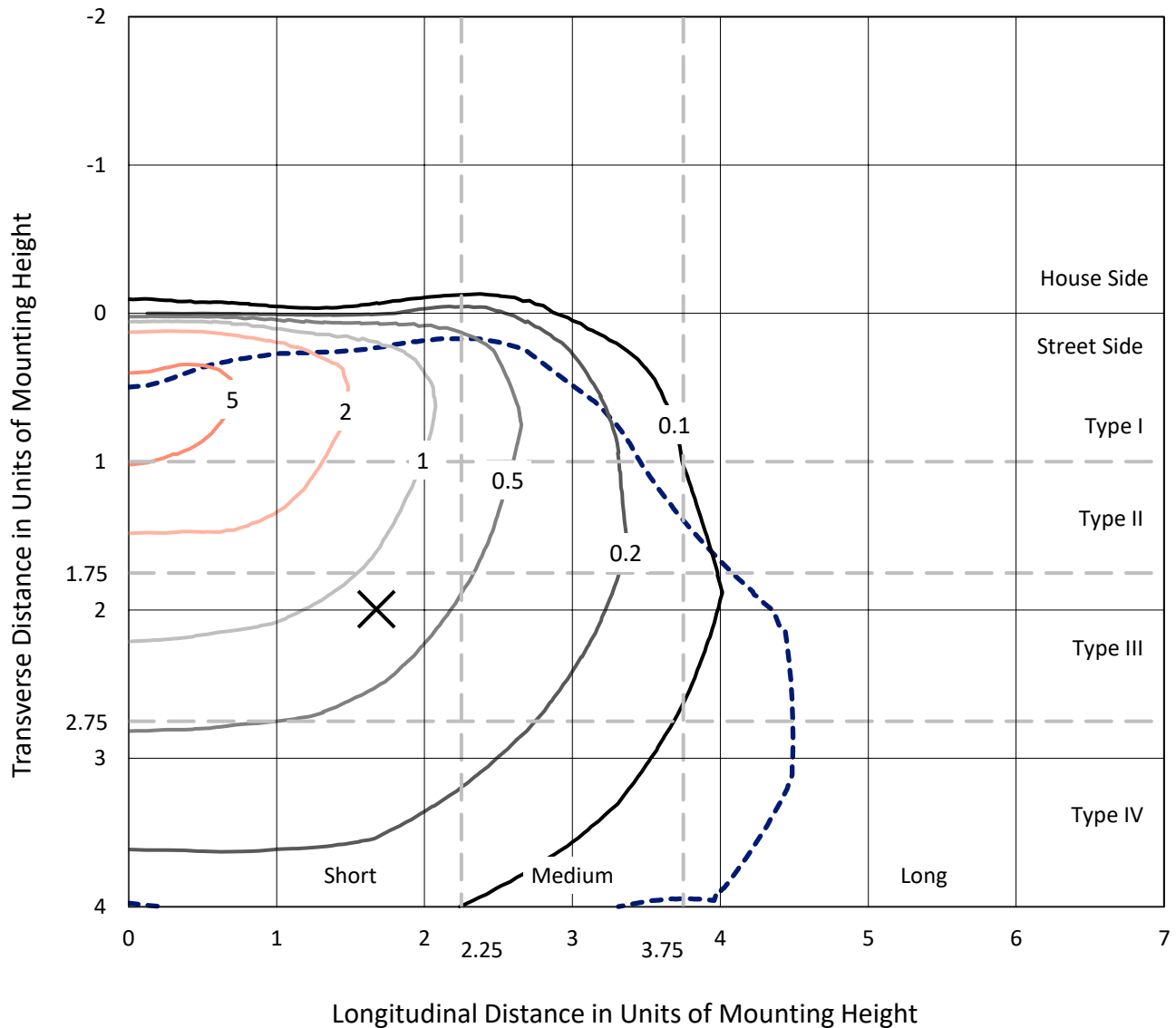


REPORT NUMBER: P991172

CATALOG NUMBER: GPC-SA2D-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

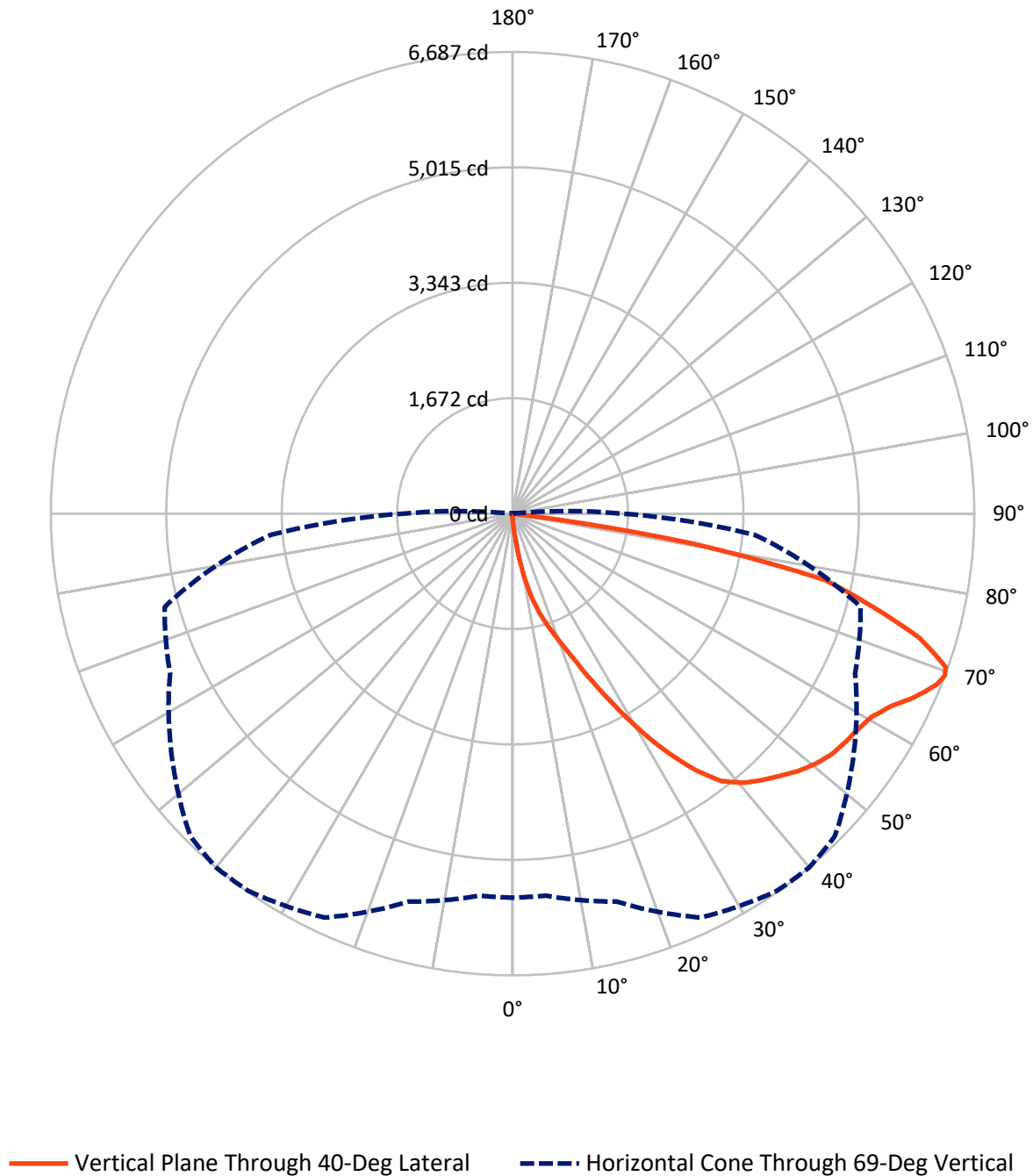
× Max cd
- - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7 fc
Type IV - Short - N/A

REPORT NUMBER: P991172
CATALOG NUMBER: GPC-SA2D-730-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991172

CATALOG NUMBER: GPC-SA2D-730-U-T4BC

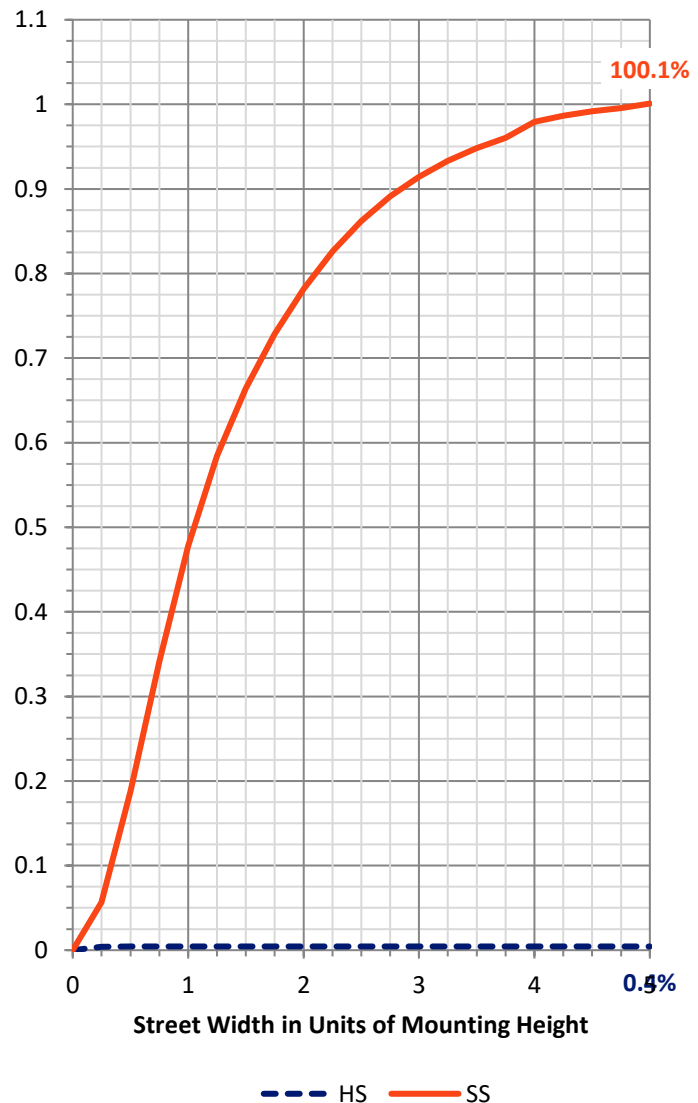
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.9	0.0	47.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10883.9	0.0	10883.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10931.8	0.0	10931.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	0.2
10°-20°	174.6	1.6
20°-30°	525.8	4.8
30°-40°	1157.8	10.6
40°-50°	1779.2	16.3
50°-60°	2190.9	20.0
60°-70°	2765.9	25.3
70°-80°	2127.5	19.5
80°-90°	187.0	1.7
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°	10931.8	100.0
0°-180°	10931.8	100.0



REPORT NUMBER: P991172

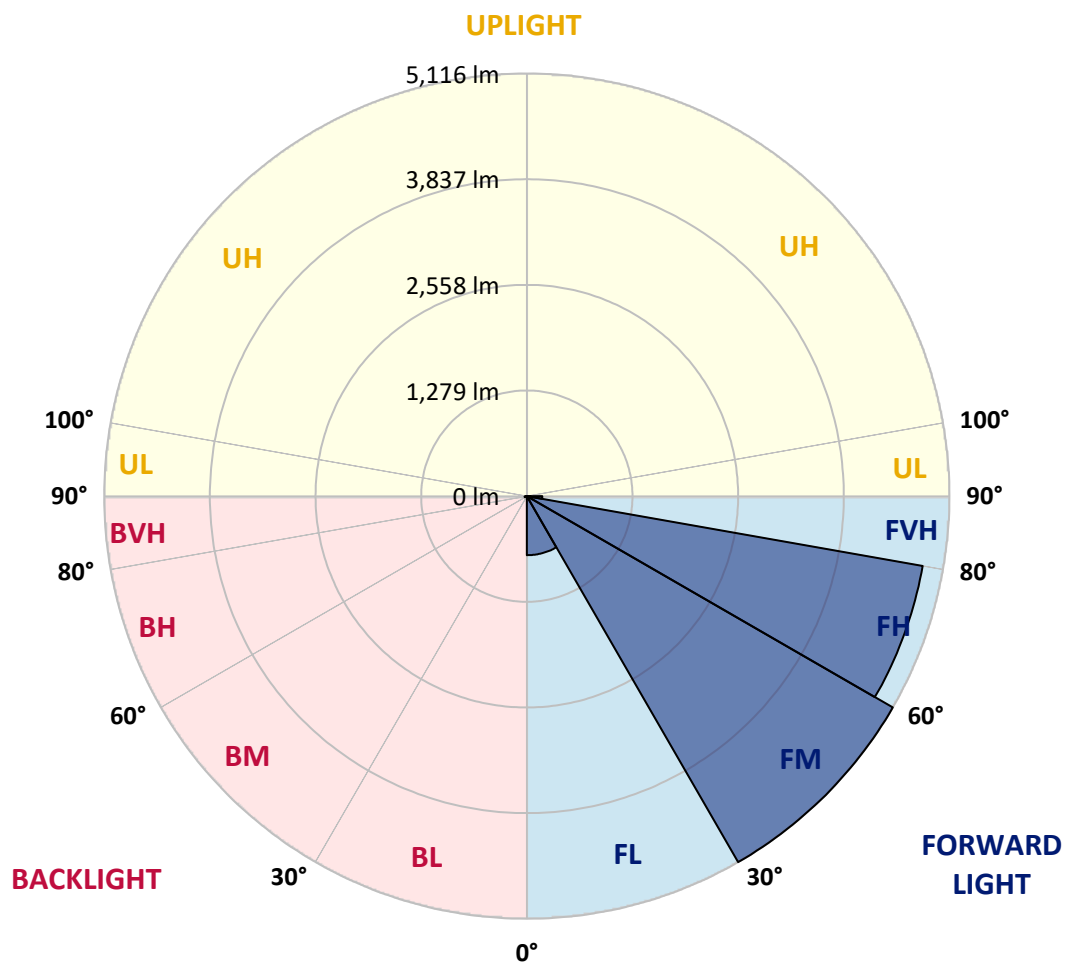
CATALOG NUMBER: GPC-SA2D-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	715.3	6.5			
FM	(30°-60°)	5116.1	46.8			
FH	(60°-80°)	4866.0	44.5			G2/5000
FVH	(80°-90°)	186.4	1.7			G2/225
BL	(0°-30°)	8.2	0.1	B0/110		
BM	(30°-60°)	11.7	0.1	B0/220		
BH	(60°-80°)	27.5	0.3	B0/110		G0/110
BVH	(80°-90°)	0.6	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 IV Short



REPORT NUMBER: P991172

CATALOG NUMBER: GPC-SA2D-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2.5°	178.4	176.3	168.1	157.9	149.7	143.5	135.3	123.0	110.7	96.4	86.1
5°	467.5	465.5	432.7	391.6	336.3	299.4	262.5	203.0	153.8	118.9	90.2
7.5°	865.3	859.2	828.4	764.8	648.0	584.4	516.7	362.9	235.8	147.6	96.4
10°	1259.0	1254.9	1215.9	1123.7	996.5	933.0	842.7	619.2	371.1	192.7	104.6
12.5°	1490.7	1501.0	1472.2	1429.2	1320.5	1261.0	1158.5	900.2	570.0	264.5	114.8
15°	1681.4	1685.5	1658.8	1632.2	1572.7	1523.5	1437.4	1199.5	807.9	360.9	127.1
17.5°	1917.2	1911.1	1882.3	1851.6	1786.0	1749.1	1693.7	1476.3	1062.2	498.3	143.5
20°	2216.6	2200.2	2167.4	2114.0	2042.3	1997.2	1939.8	1759.3	1316.4	650.0	164.0
22.5°	2600.0	2579.5	2544.7	2495.4	2368.3	2298.6	2224.8	2001.3	1597.3	842.7	190.7
25°	3042.9	3032.7	2995.8	2926.0	2790.7	2698.4	2579.5	2284.2	1876.2	1047.8	223.5
27.5°	3563.7	3545.3	3496.1	3414.1	3268.5	3147.5	2999.9	2595.9	2142.8	1265.1	264.5
30°	4146.1	4105.1	4004.6	3932.8	3762.6	3643.7	3471.5	3010.1	2417.5	1492.8	307.6
32.5°	4687.4	4634.1	4488.5	4390.1	4232.2	4125.6	3967.7	3428.4	2727.1	1730.6	362.9
35°	5177.5	5120.1	4884.3	4734.6	4654.6	4564.4	4404.4	3906.2	3061.4	1984.9	426.5
37.5°	5591.7	5534.3	5230.8	4995.0	4945.8	4915.0	4785.8	4310.1	3440.7	2271.9	500.3
40°	5823.4	5786.5	5524.0	5257.4	5163.1	5126.2	5031.9	4648.4	3863.1	2559.0	586.4
42.5°	5895.1	5872.6	5659.3	5528.1	5355.9	5282.0	5169.3	4906.8	4226.0	2880.9	684.9
45°	5856.2	5831.6	5675.7	5706.5	5563.0	5419.4	5265.6	5083.2	4531.6	3260.3	807.9
47.5°	5690.1	5681.9	5575.3	5749.6	5733.2	5569.1	5378.4	5200.0	4794.0	3627.3	961.7
50°	5284.1	5280.0	5329.2	5690.1	5845.9	5692.1	5501.4	5304.6	5003.2	3994.3	1158.5
52.5°	4736.6	4765.3	5013.4	5579.4	5878.7	5788.5	5624.5	5423.5	5175.4	4361.4	1423.0
55°	4447.5	4472.1	4798.1	5458.4	5872.6	5845.9	5749.6	5538.4	5333.3	4662.8	1775.7
57.5°	4666.9	4640.2	4789.9	5442.0	5845.9	5895.1	5839.8	5628.6	5476.8	4929.4	2263.7
60°	5083.2	5074.9	5093.4	5558.9	5901.3	5975.1	5936.2	5690.1	5618.3	5132.4	2801.0
62.5°	5503.5	5480.9	5499.4	5880.8	6094.0	6145.3	6098.1	5790.6	5729.1	5280.0	3383.3
65°	5712.6	5696.2	5782.4	6204.8	6368.8	6403.7	6342.1	5952.6	5747.5	5355.9	3750.3
67.5°	5686.0	5681.9	5882.8	6432.4	6598.5	6619.0	6567.7	6114.5	5669.6	5353.8	3789.3
69°	5560.9	5552.7	5817.2	6454.9	6672.3	6686.6	6602.6	6032.5	5472.7	5216.4	3512.5
70°	5413.3	5421.5	5720.9	6413.9	6674.3	6653.8	6459.0	5915.6	5323.1	5058.5	3159.8
72.5°	4863.7	4915.0	5325.1	6145.3	6393.4	6163.8	5909.5	5532.2	5038.0	4312.2	2206.3
75°	4068.2	4139.9	4669.0	5587.6	5497.3	5382.5	5351.8	5064.7	4564.4	2864.5	1568.6
77.5°	1989.0	2226.8	3313.6	4291.7	4511.1	4627.9	4584.9	4187.1	3668.3	1406.6	1023.2
80°	104.6	108.7	174.3	410.1	2089.4	2657.4	3268.5	3196.7	2776.4	641.8	539.3
82.5°	55.4	55.4	61.5	71.8	84.1	100.5	266.6	1831.1	1650.6	330.1	200.9
85°	30.8	30.8	36.9	49.2	63.6	73.8	84.1	110.7	354.7	118.9	32.8
87.5°	14.4	18.5	24.6	34.9	45.1	57.4	65.6	82.0	104.6	100.5	6.2
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: P991172

CATALOG NUMBER: GPC-SA2D-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2.5°	80.0	75.9	69.7	65.6	63.6	59.5	55.4	53.3	51.3	49.2	51.3
5°	80.0	73.8	63.6	57.4	53.3	47.2	43.1	41.0	39.0	36.9	36.9
7.5°	80.0	69.7	57.4	49.2	43.1	39.0	32.8	30.8	28.7	26.7	26.7
10°	82.0	65.6	51.3	43.1	36.9	30.8	26.7	22.6	20.5	20.5	20.5
12.5°	82.0	61.5	45.1	36.9	30.8	24.6	18.5	14.4	12.3	12.3	12.3
15°	82.0	57.4	41.0	30.8	24.6	18.5	10.3	6.2	4.1	4.1	2.1
17.5°	84.1	55.4	36.9	26.7	18.5	10.3	2.1	0.0	0.0	0.0	0.0
20°	88.2	53.3	32.8	22.6	12.3	4.1	0.0	0.0	0.0	0.0	0.0
22.5°	92.3	51.3	28.7	16.4	6.2	2.1	0.0	0.0	0.0	0.0	0.0
25°	100.5	51.3	26.7	14.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	108.7	51.3	20.5	8.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	114.8	51.3	18.5	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	123.0	51.3	16.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	129.2	49.2	12.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	135.3	47.2	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	143.5	45.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	151.7	41.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	162.0	39.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	176.3	36.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	196.8	36.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	231.7	36.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	289.1	36.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	389.6	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	586.4	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	906.3	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1386.1	49.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1757.3	59.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1587.1	55.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1345.1	43.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	748.4	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	389.6	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	166.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	49.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.4	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.2	4.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	2.1	2.1	2.1	2.1	0.0	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

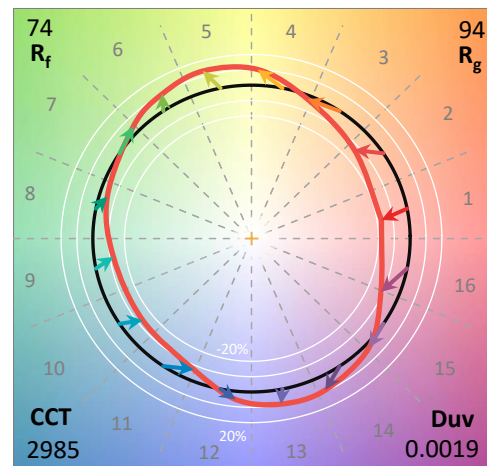
Test Information

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

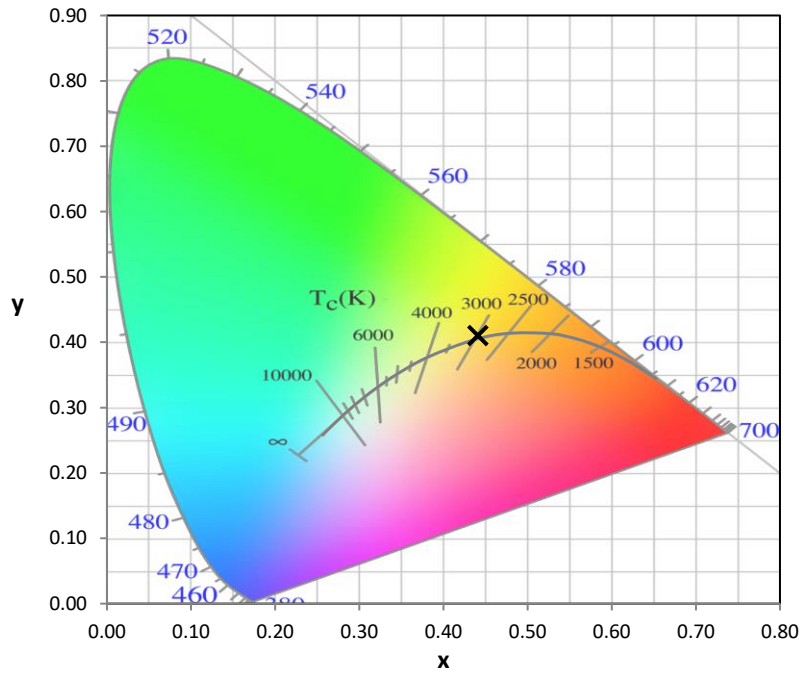
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

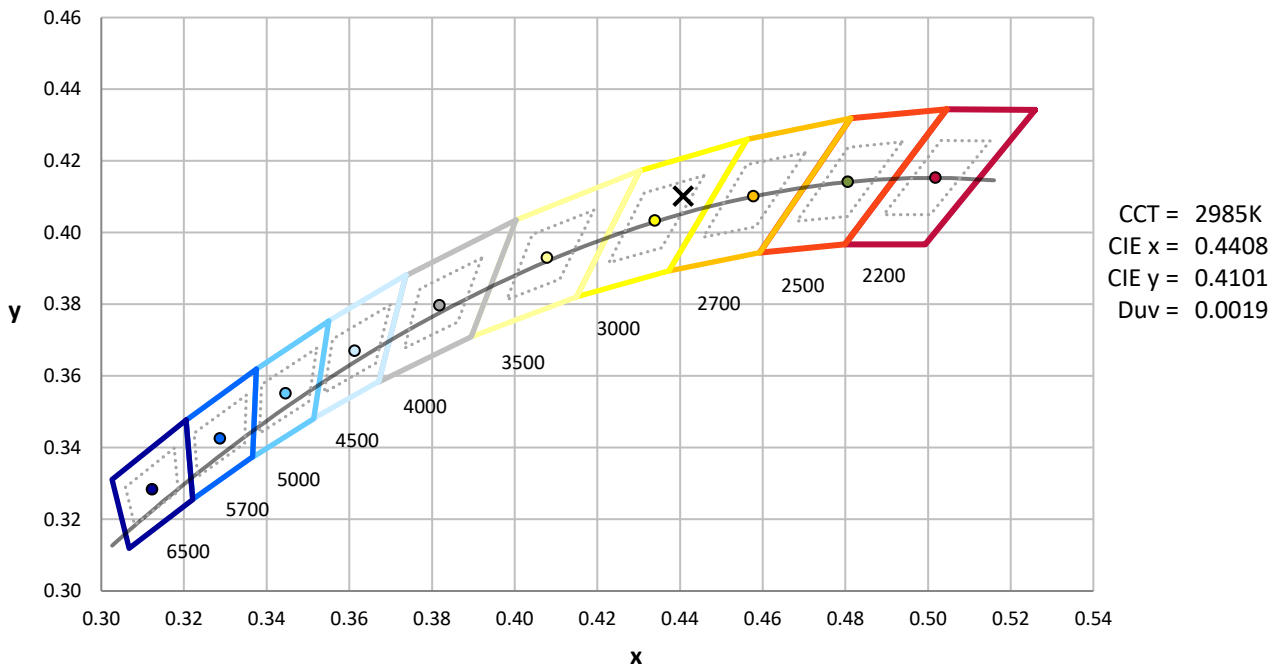
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

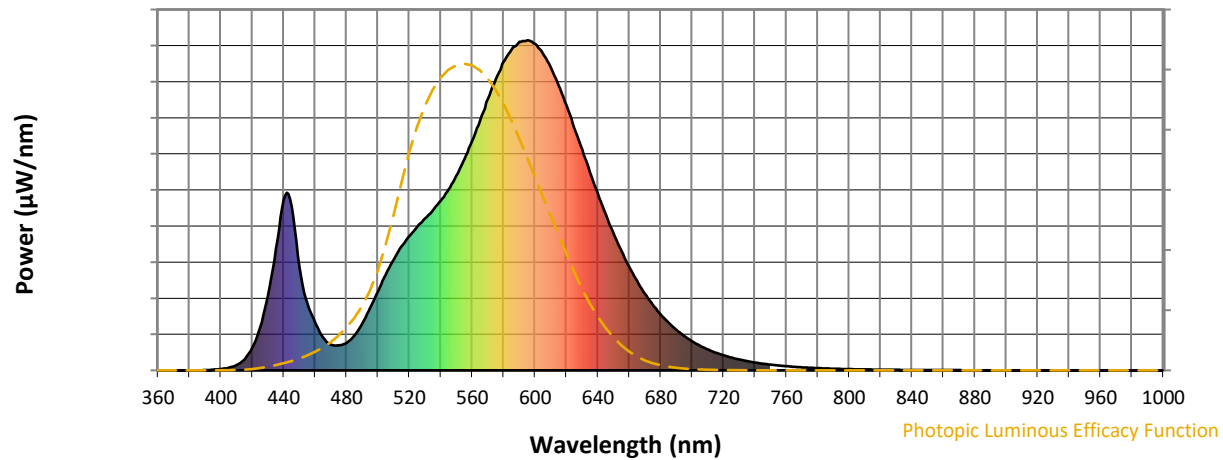


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	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			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

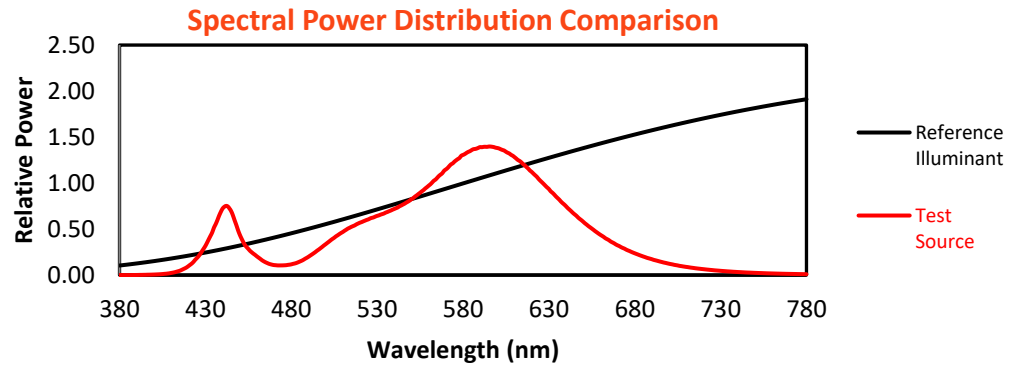
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

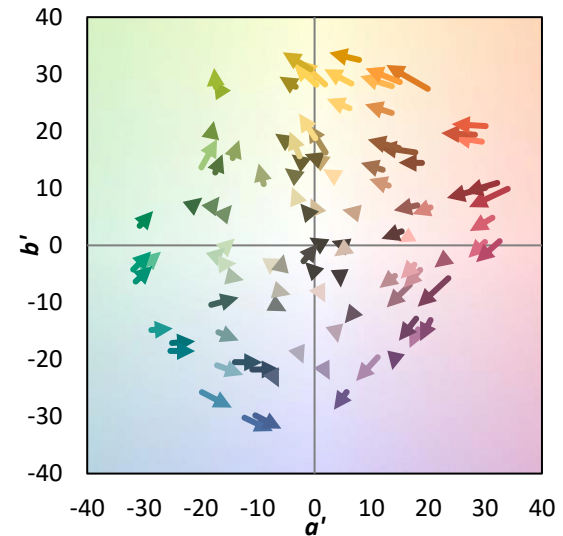
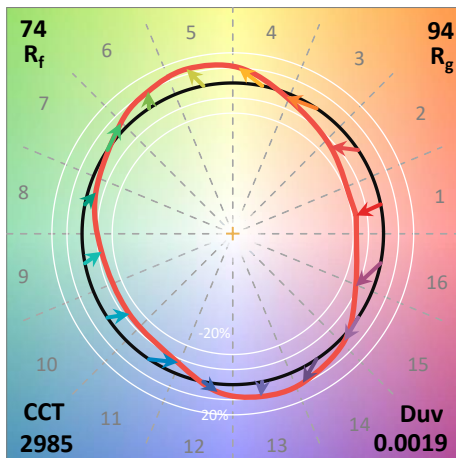
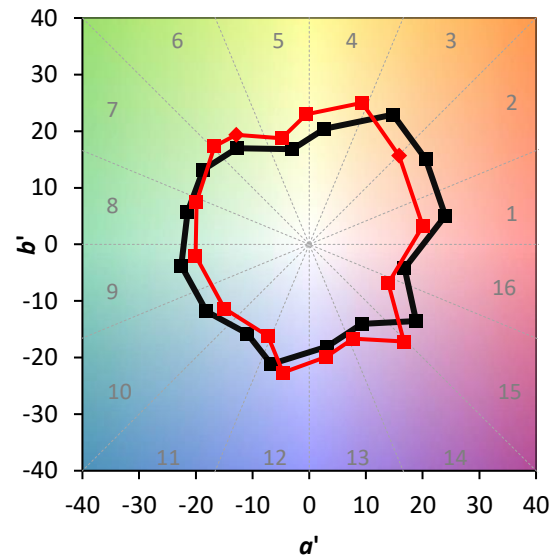
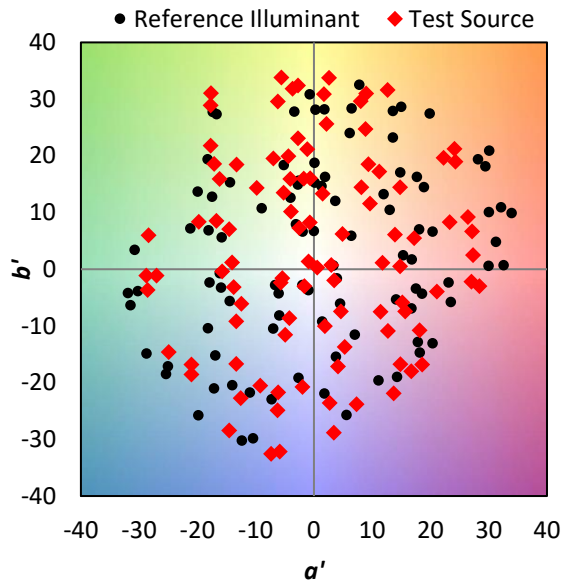
TM-30-18

Summary

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

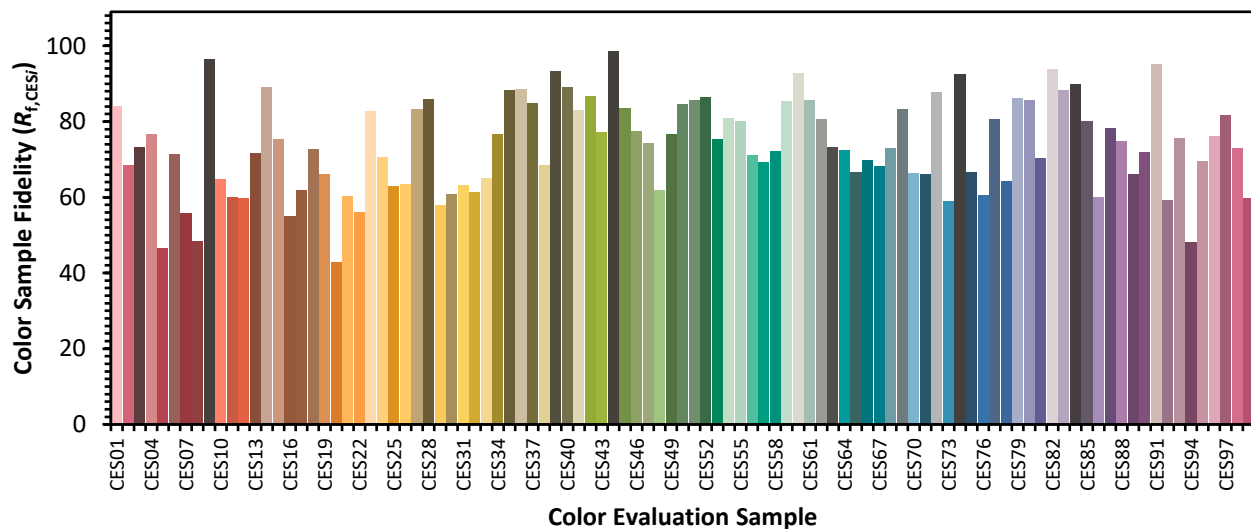


Color Vector Graphics

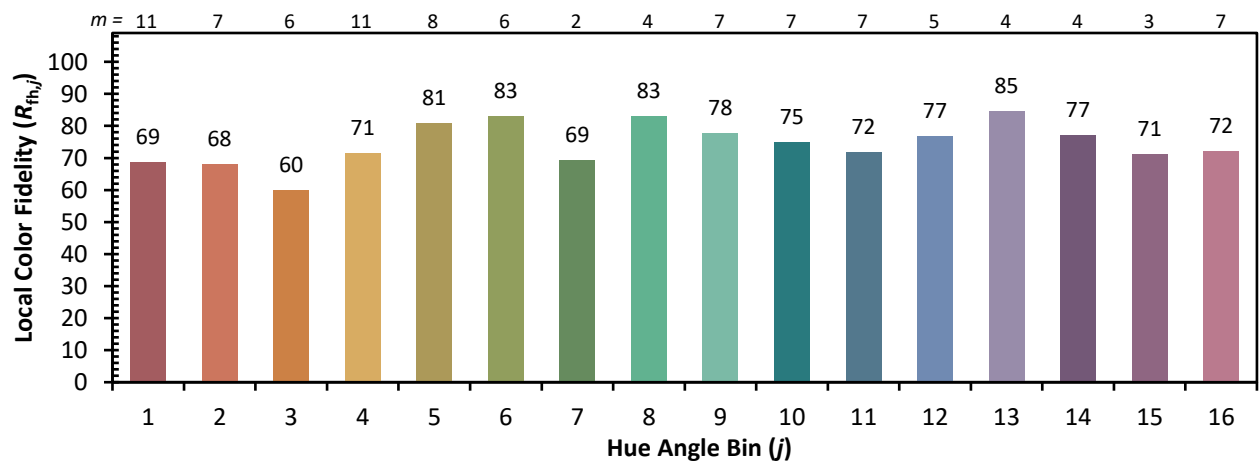
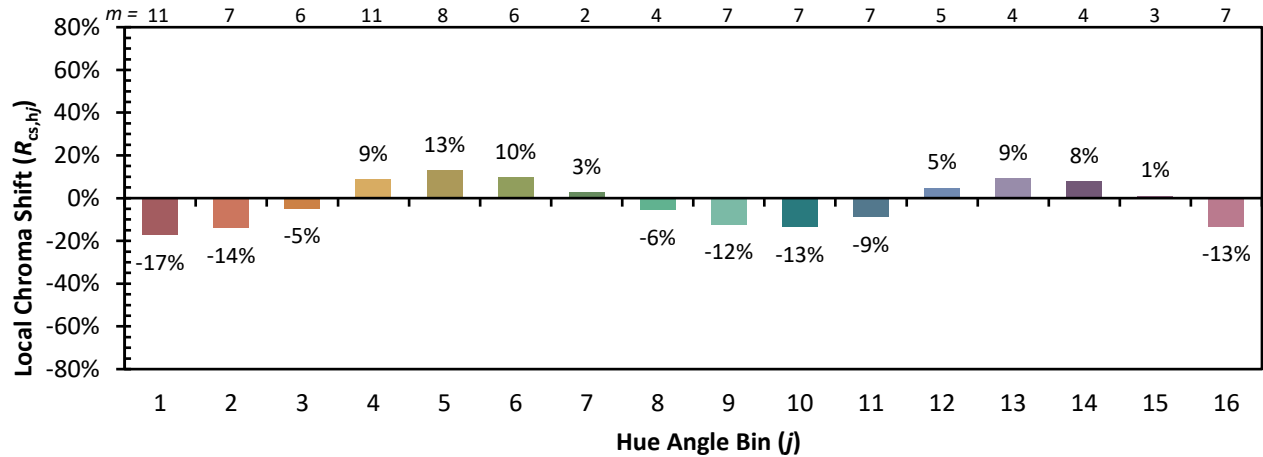


Individual Sample Fidelity Index ($R_{f,i}$)

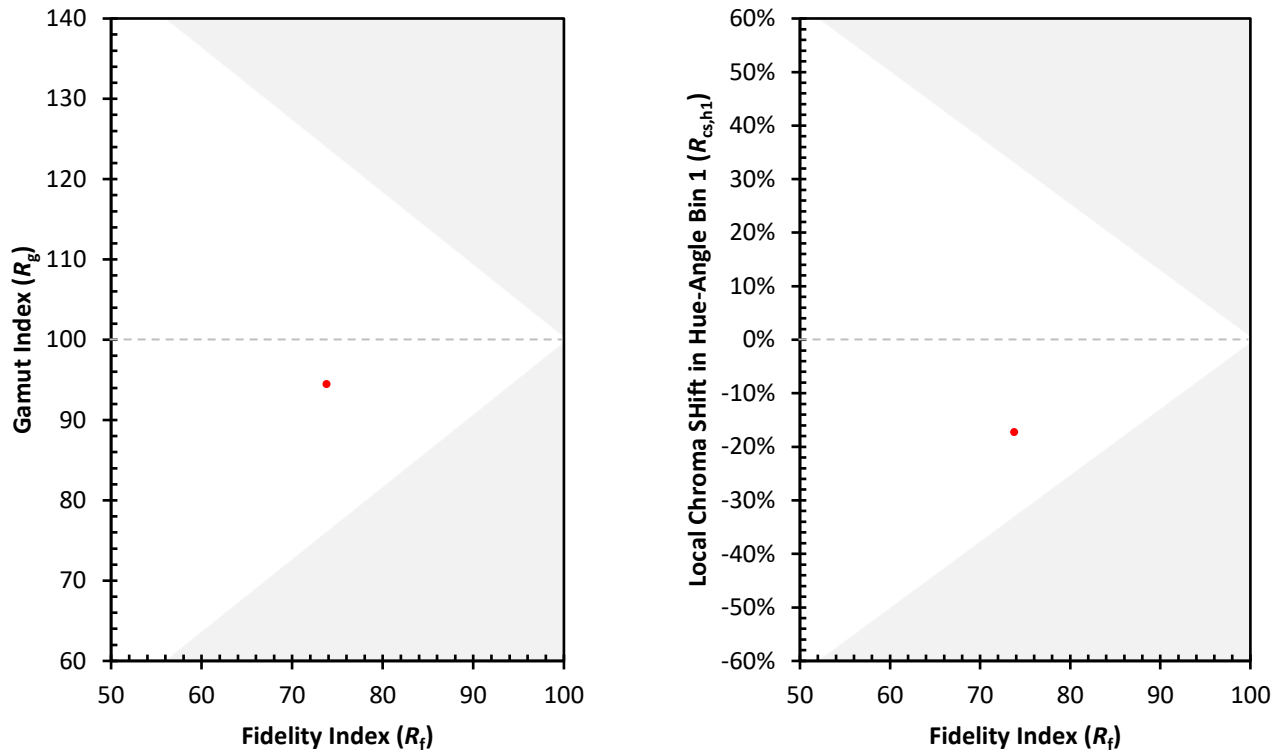
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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