

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: P991036

Luminaire Tested: **GPC-SA2D-735-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991036
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-735-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11724.2 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type III - 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

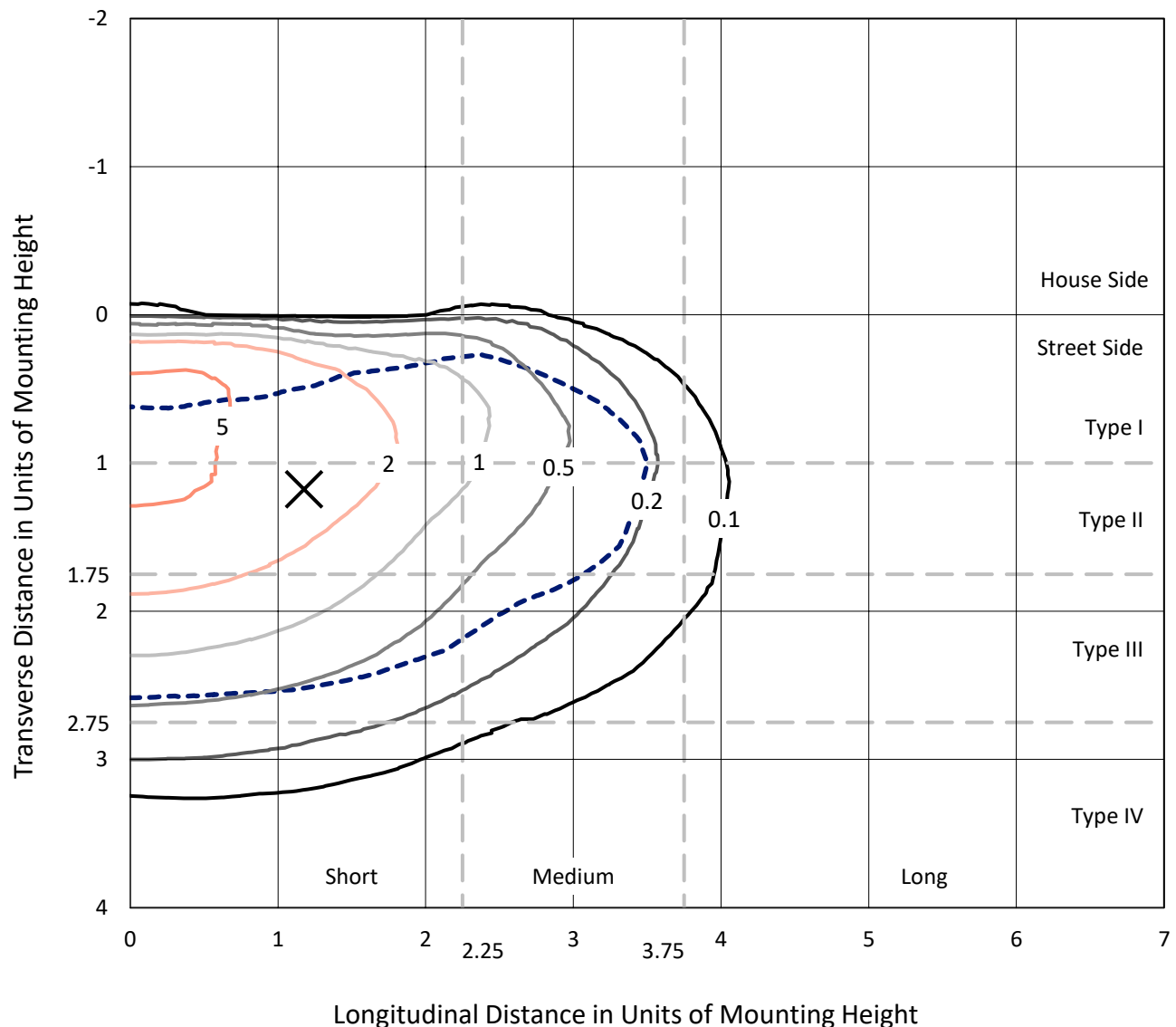


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Iso-Footcandle Lines of Horizontal Illumination

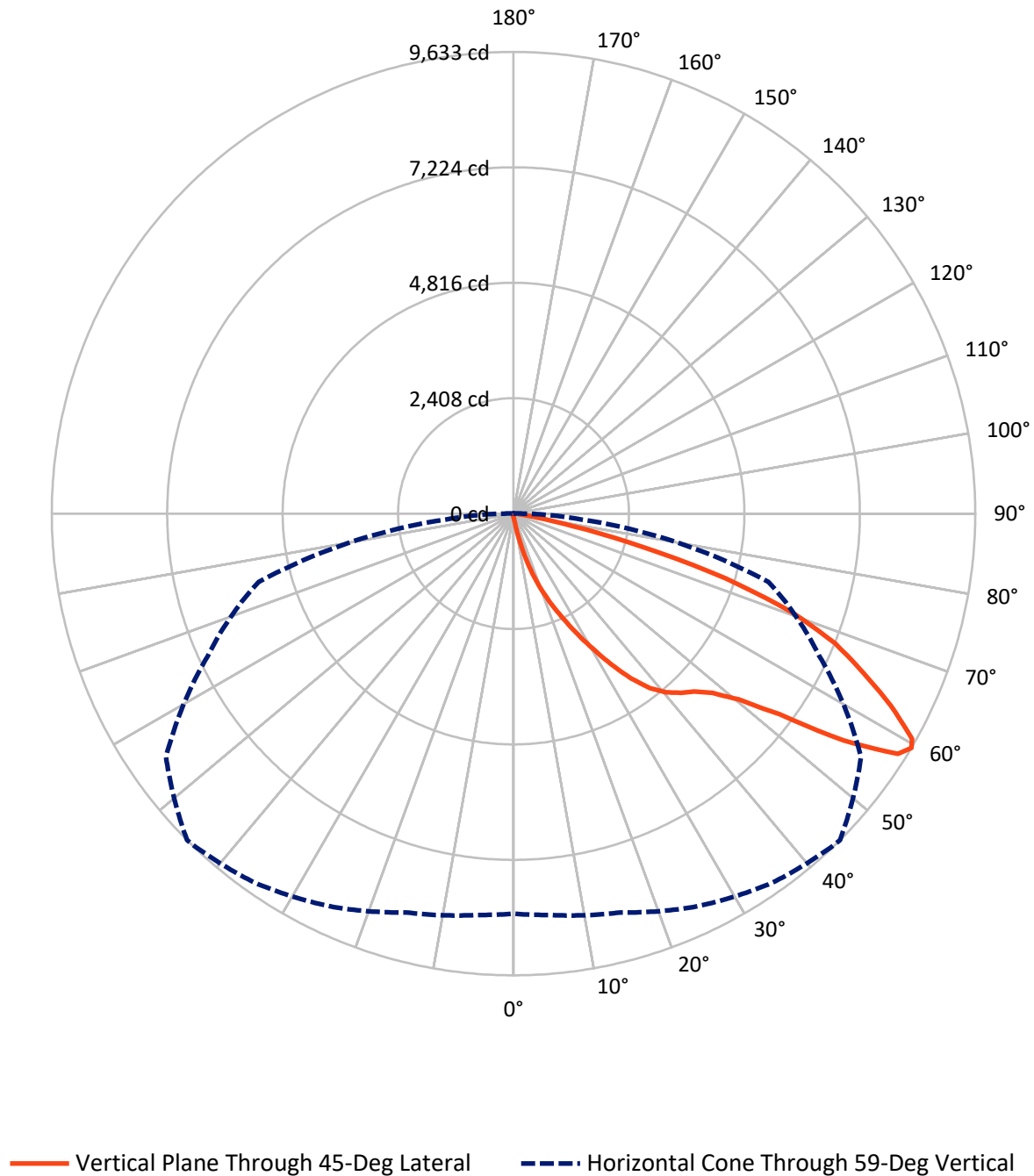
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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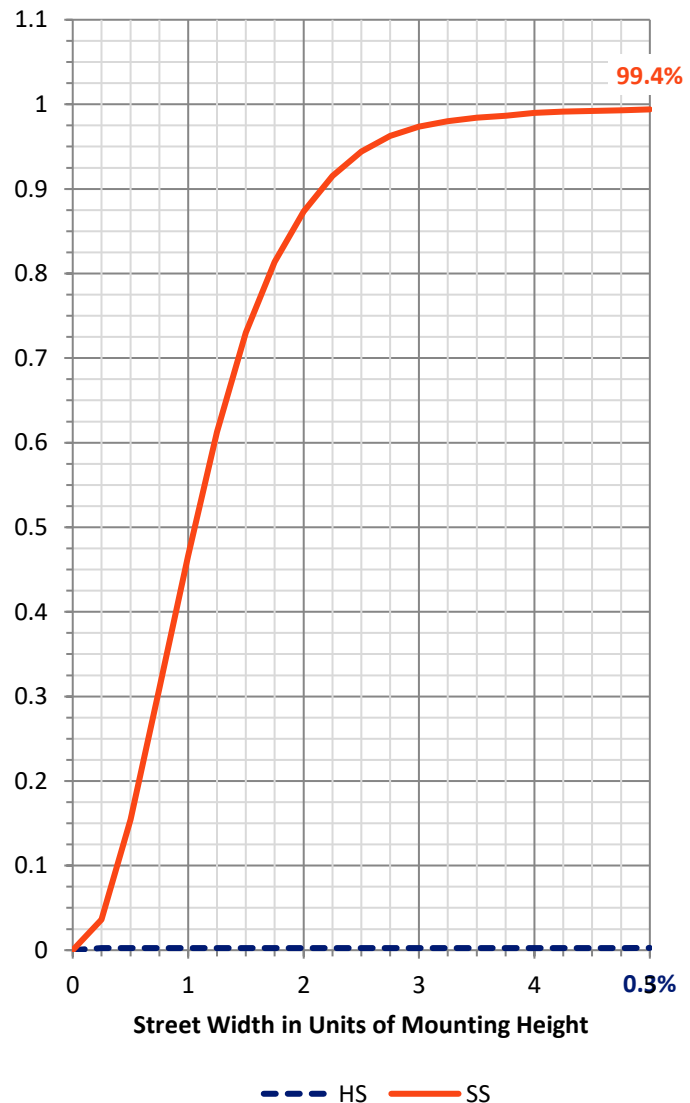
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.8	0.0	31.8
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	11692.4	0.0	11692.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	11724.2	0.0	11724.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.5	0.1
10°-20°	135.7	1.2
20°-30°	479.9	4.1
30°-40°	1106.1	9.4
40°-50°	1866.0	15.9
50°-60°	3076.3	26.2
60°-70°	3494.7	29.8
70°-80°	1436.9	12.3
80°-90°	117.0	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°	11724.2	100.0
0°-180°	11724.2	100.0



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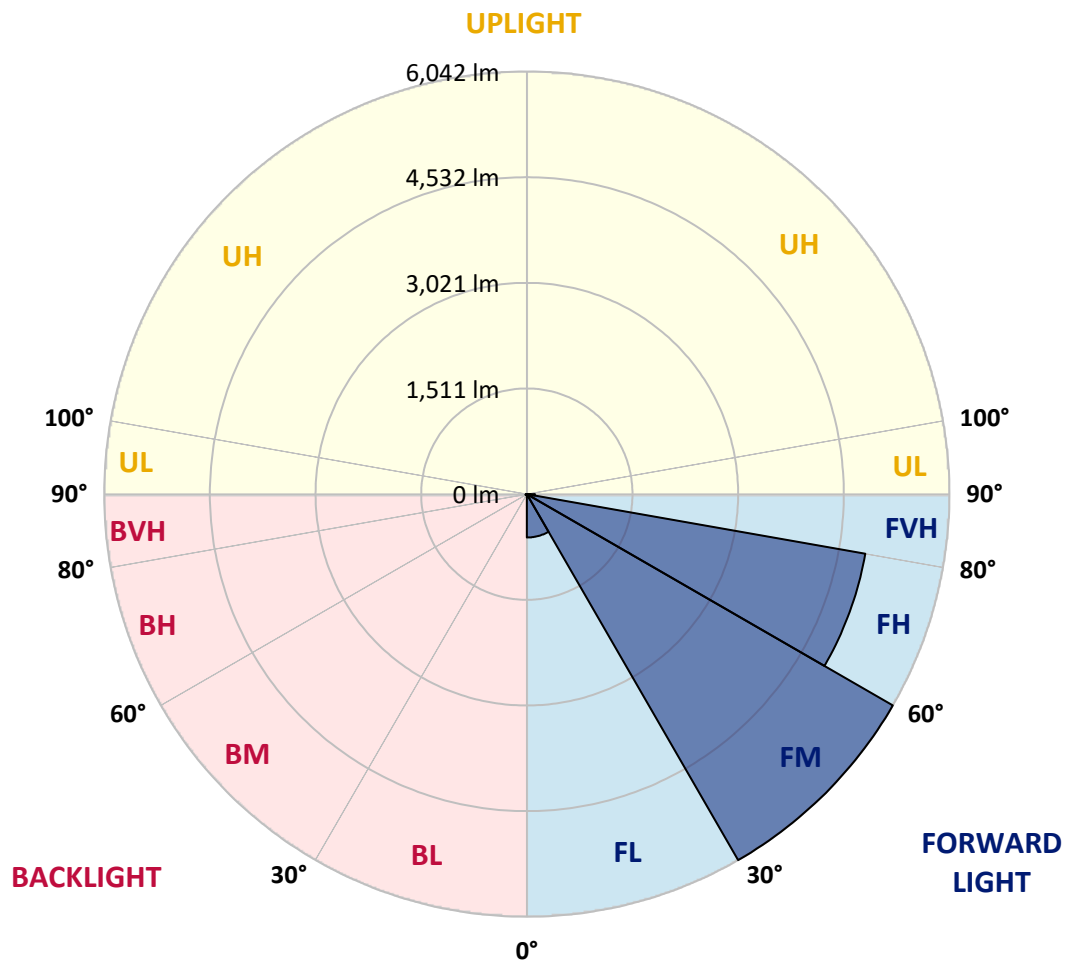
CATALOG NUMBER: GPC-SA2D-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	620.4	5.3			
FM	(30°-60°)	6042.4	51.5			
FH	(60°-80°)	4913.5	41.9			G2/5000
FVH	(80°-90°)	116.1	1.0			G2/225
BL	(0°-30°)	6.7	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	18.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
2.5°	87.5	88.5	87.5	86.6	82.8	79.0	79.0	76.1	73.2	70.4	67.5
5°	154.1	150.3	146.5	137.9	121.8	107.5	105.6	93.2	82.8	75.2	68.5
7.5°	391.0	380.5	344.4	301.6	229.3	176.0	174.1	132.2	99.9	81.8	69.4
10°	816.2	787.6	732.5	641.2	495.6	362.4	333.9	203.6	131.3	90.4	70.4
12.5°	1240.5	1241.4	1189.1	1064.5	886.6	672.5	635.4	368.1	187.4	105.6	71.3
15°	1613.3	1603.8	1558.2	1469.7	1277.6	1030.2	996.9	632.6	283.5	126.5	73.2
17.5°	1898.7	1885.4	1857.8	1797.9	1657.1	1413.6	1378.4	954.1	439.5	154.1	74.2
20°	2233.6	2224.1	2188.9	2106.1	1977.7	1783.6	1733.2	1306.1	669.7	199.8	76.1
22.5°	2648.3	2620.7	2577.9	2472.3	2313.5	2105.2	2088.0	1663.8	952.2	271.1	79.9
25°	3127.8	3088.8	3038.3	2905.2	2709.2	2456.2	2435.2	2014.8	1256.6	378.6	85.6
27.5°	3709.0	3672.8	3582.5	3410.3	3175.3	2872.8	2849.0	2373.4	1594.3	525.1	93.2
30°	4338.7	4292.1	4142.8	3919.2	3695.7	3338.0	3280.9	2740.6	1932.0	707.7	103.7
32.5°	4925.7	4865.7	4681.2	4416.7	4182.7	3805.1	3754.6	3155.3	2286.8	925.6	119.9
35°	5446.0	5375.6	5119.7	4831.5	4596.5	4263.6	4217.9	3558.7	2631.2	1172.9	139.8
37.5°	5859.8	5813.2	5459.3	5134.0	4942.8	4647.9	4617.4	3991.5	3014.6	1458.3	167.4
40°	6286.9	6225.1	5809.4	5399.4	5182.5	4937.1	4900.9	4339.7	3382.7	1766.5	201.7
42.5°	6648.4	6590.4	6199.4	5764.7	5426.0	5134.0	5111.2	4631.7	3739.4	2087.1	246.4
45°	7030.8	6978.5	6628.4	6287.9	5779.9	5329.9	5290.9	4873.3	4087.6	2461.9	305.4
47.5°	7555.9	7486.5	7152.6	6891.0	6309.7	5631.5	5587.7	5110.2	4440.5	2853.8	387.2
50°	8213.2	8162.8	7921.2	7712.9	7096.4	6181.3	6088.1	5417.5	4775.4	3302.8	493.7
52.5°	8851.5	8834.4	8851.5	8777.3	8308.4	7135.4	6953.8	5934.0	5201.5	3771.8	632.6
55°	8931.4	8983.8	9190.2	9428.0	9350.0	8502.4	8349.3	6720.7	5728.5	4363.5	844.7
57.5°	8642.3	8671.7	8935.2	9354.8	9606.8	9477.5	9458.4	8023.0	6472.4	5066.4	1163.4
59°	8346.4	8404.4	8614.7	9042.7	9404.2	9617.3	9632.5	8849.6	7038.4	5504.0	1425.9
60°	8181.8	8199.9	8362.6	8784.0	9172.1	9508.9	9552.6	9272.9	7484.6	5834.1	1660.9
62.5°	7662.4	7672.0	7759.5	8091.5	8434.9	8745.0	8837.3	9530.7	8723.1	6661.7	2491.4
65°	6983.2	6995.6	7127.8	7446.5	7773.7	7982.1	8021.1	8807.8	9375.7	7523.6	3651.0
67.5°	5759.0	5828.4	5996.8	6499.0	6959.5	7208.7	7237.2	7533.1	9019.0	8106.7	4264.5
70°	3899.2	3833.6	4251.2	4950.4	5782.7	6157.5	6159.4	6288.8	7677.7	7963.0	3555.8
72.5°	1702.8	1807.4	2111.8	2727.3	3735.6	4639.3	4620.3	5059.8	6123.3	6765.4	2643.6
75°	747.7	771.5	899.9	1226.2	1699.0	2519.9	2810.0	4061.9	4608.9	4424.3	1922.5
77.5°	402.4	408.1	442.3	512.7	649.7	1190.0	1256.6	2573.2	3267.6	2550.3	1242.4
80°	153.2	153.2	159.8	183.6	271.1	465.2	499.4	1162.4	2254.5	1303.2	627.8
82.5°	96.1	94.2	95.1	96.1	110.3	158.9	169.3	462.3	1064.5	643.1	165.5
85°	48.5	50.4	56.1	67.5	79.9	98.0	100.8	144.6	323.4	150.3	42.8
87.5°	31.4	32.3	35.2	45.7	56.1	71.3	73.2	100.8	128.4	105.6	8.6
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: P991036

CATALOG NUMBER: GPC-SA2D-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
2.5°	66.6	64.7	61.8	59.0	56.1	51.4	47.6	45.7	44.7	43.8	43.8
5°	65.6	62.8	57.1	52.3	47.6	41.9	37.1	34.2	33.3	32.3	32.3
7.5°	64.7	59.9	53.3	46.6	40.0	33.3	27.6	24.7	23.8	22.8	21.9
10°	63.7	58.0	48.5	40.9	33.3	25.7	20.0	16.2	15.2	14.3	14.3
12.5°	62.8	55.2	44.7	36.1	26.6	18.1	13.3	9.5	7.6	6.7	6.7
15°	61.8	52.3	41.9	30.4	20.0	11.4	5.7	2.9	1.0	1.0	1.0
17.5°	59.0	49.5	37.1	23.8	13.3	5.7	1.9	0.0	0.0	0.0	0.0
20°	57.1	46.6	32.3	18.1	7.6	2.9	0.0	0.0	0.0	0.0	0.0
22.5°	56.1	44.7	27.6	12.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0
25°	56.1	42.8	22.8	9.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	57.1	40.9	18.1	6.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	55.2	39.0	13.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	55.2	35.2	9.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	56.1	30.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	59.0	26.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	63.7	24.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	70.4	23.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.0	23.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	89.4	24.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	102.7	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	118.0	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	134.1	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	156.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	178.8	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	202.6	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	327.2	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	642.1	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1097.8	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1166.3	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	765.8	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	390.0	15.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	175.0	15.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.4	8.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	28.5	5.7	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.4	5.7	3.8	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	5.7	4.8	3.8	1.9	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

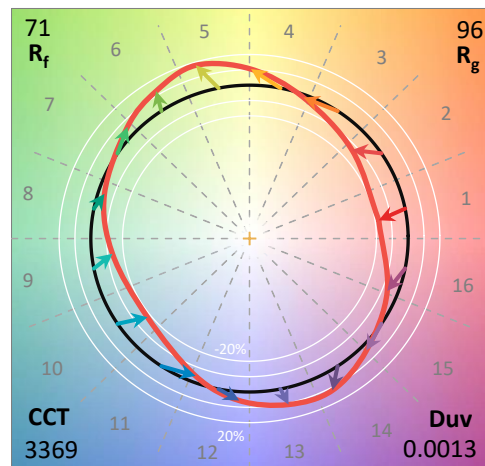
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

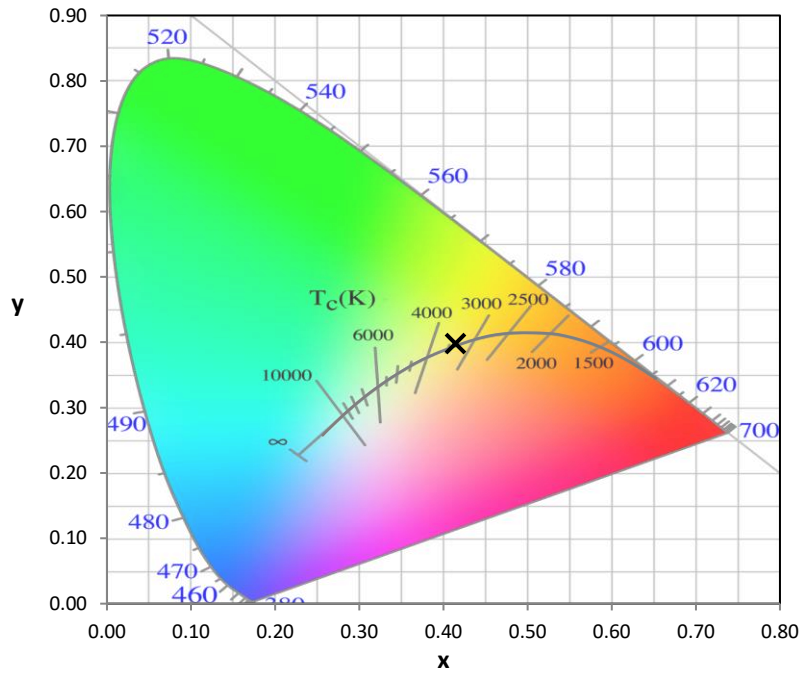
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

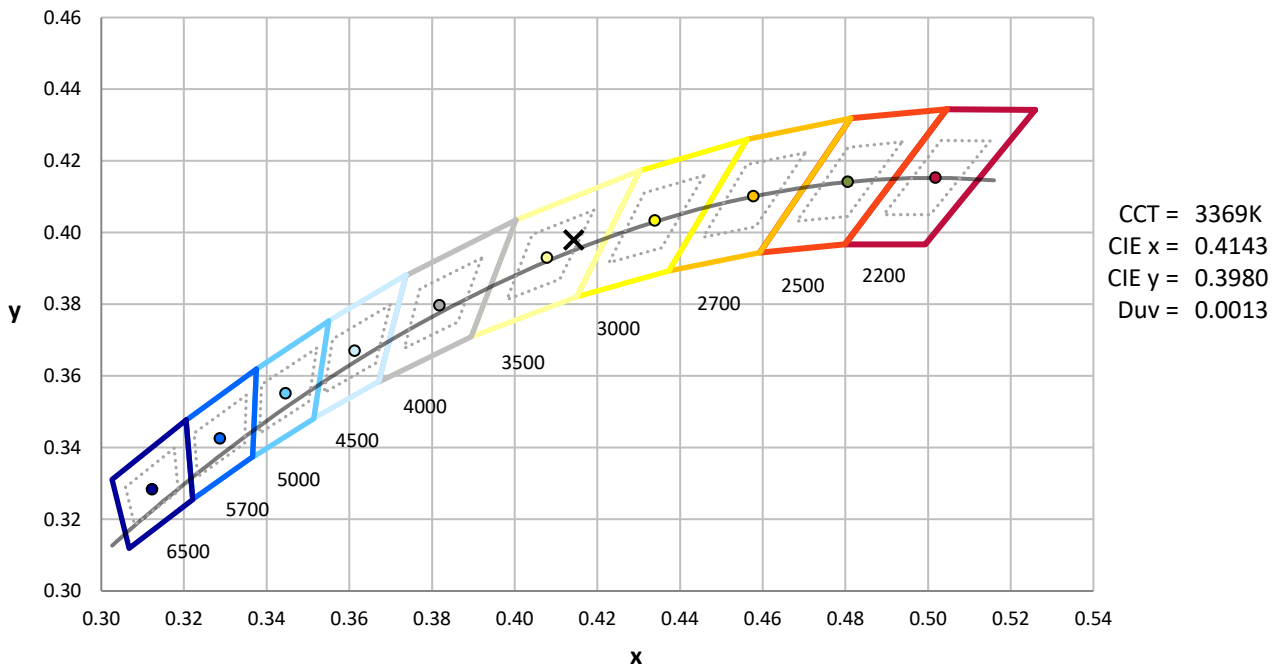
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



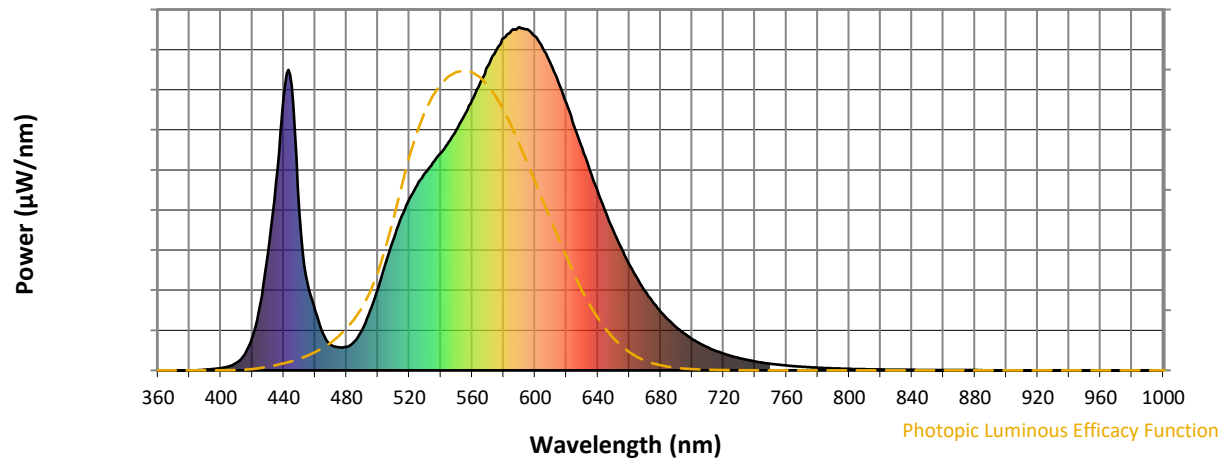
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

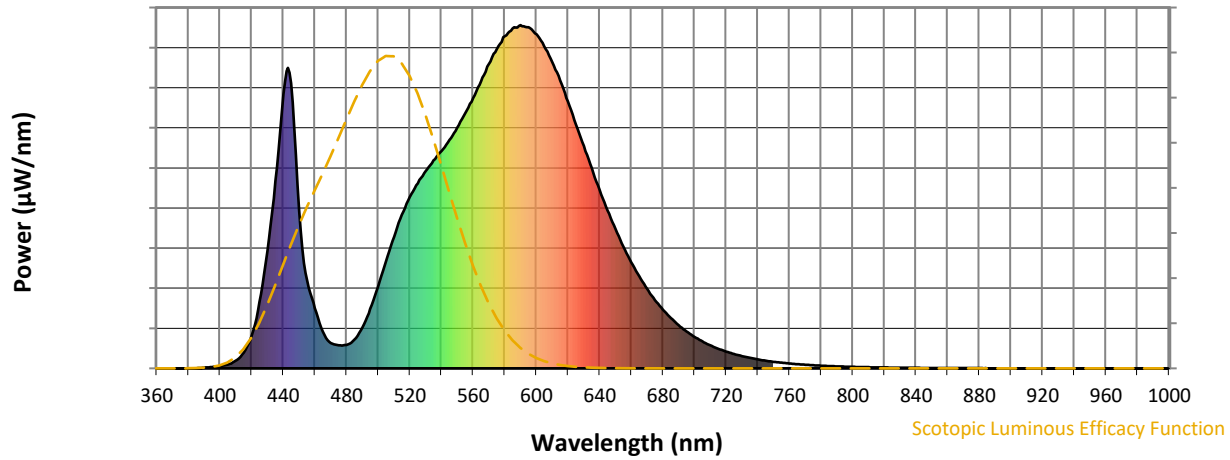


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

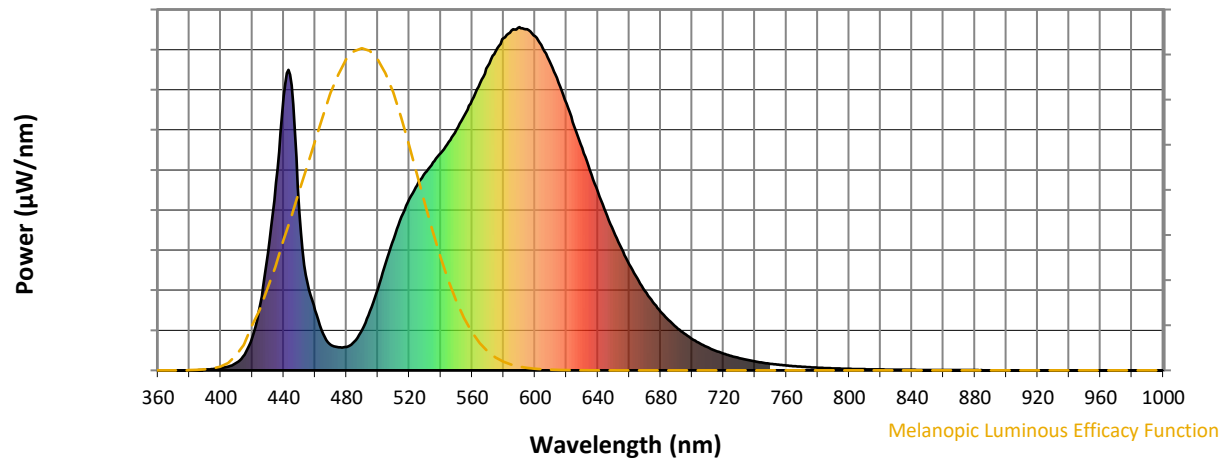


Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.36

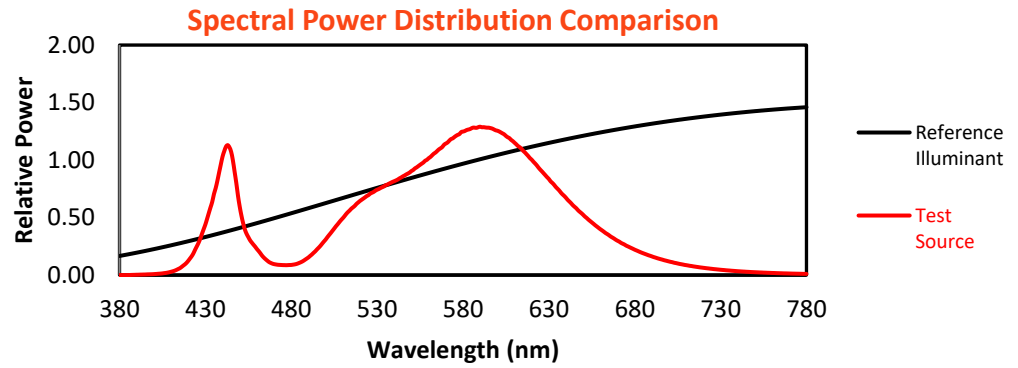
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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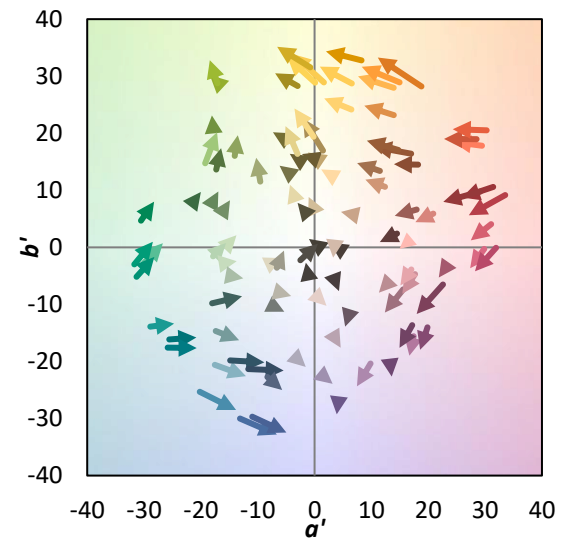
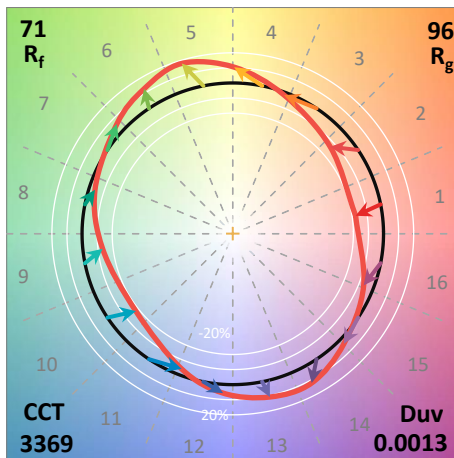
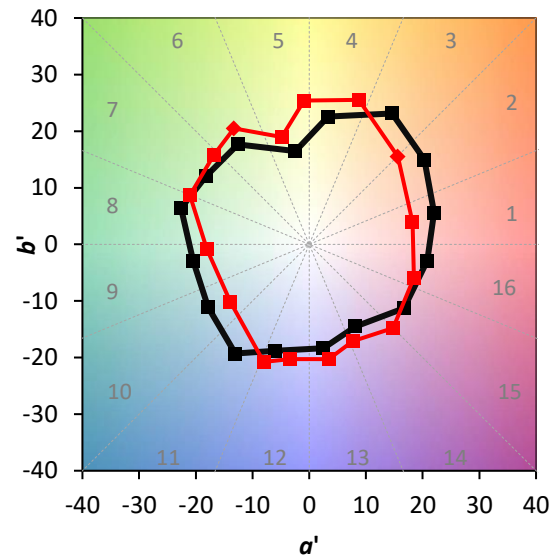
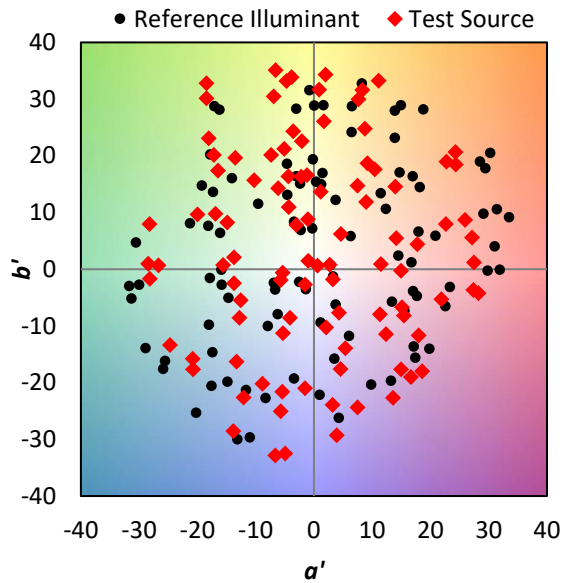
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $\text{CIE } R_a = 70.1$
 $R_g = -40.2$

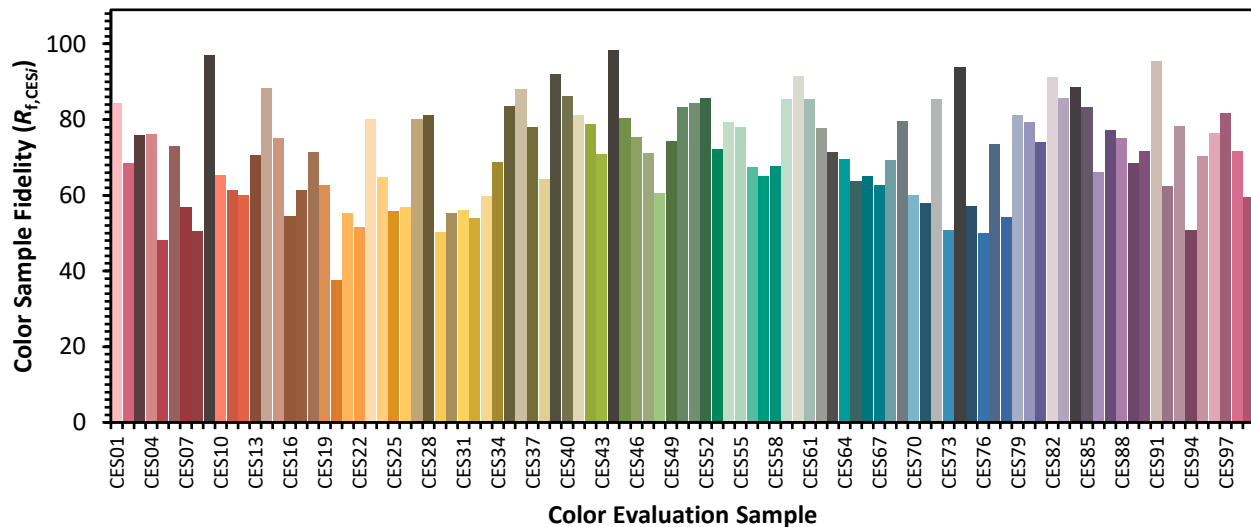


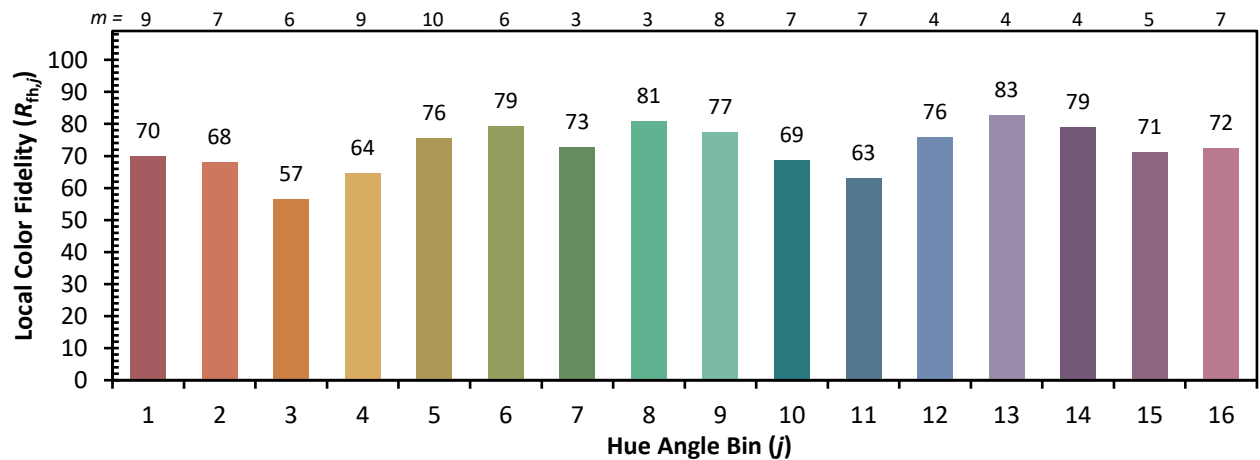
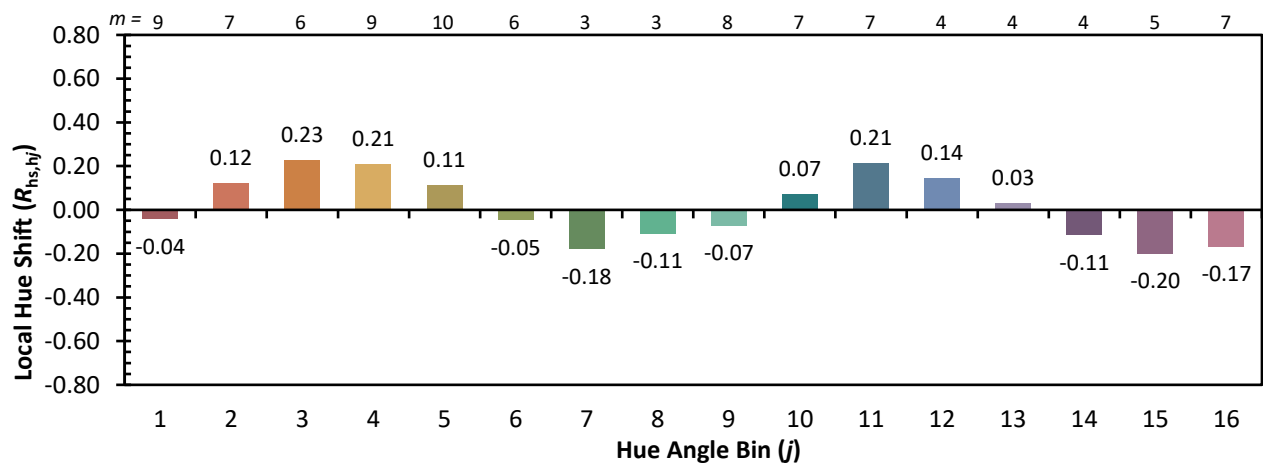
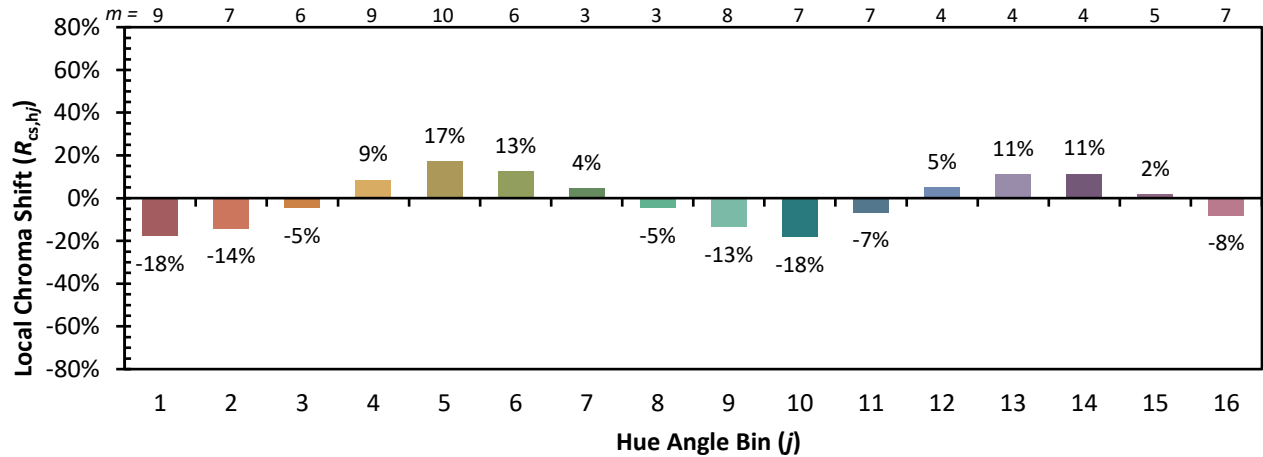
Color Vector Graphics



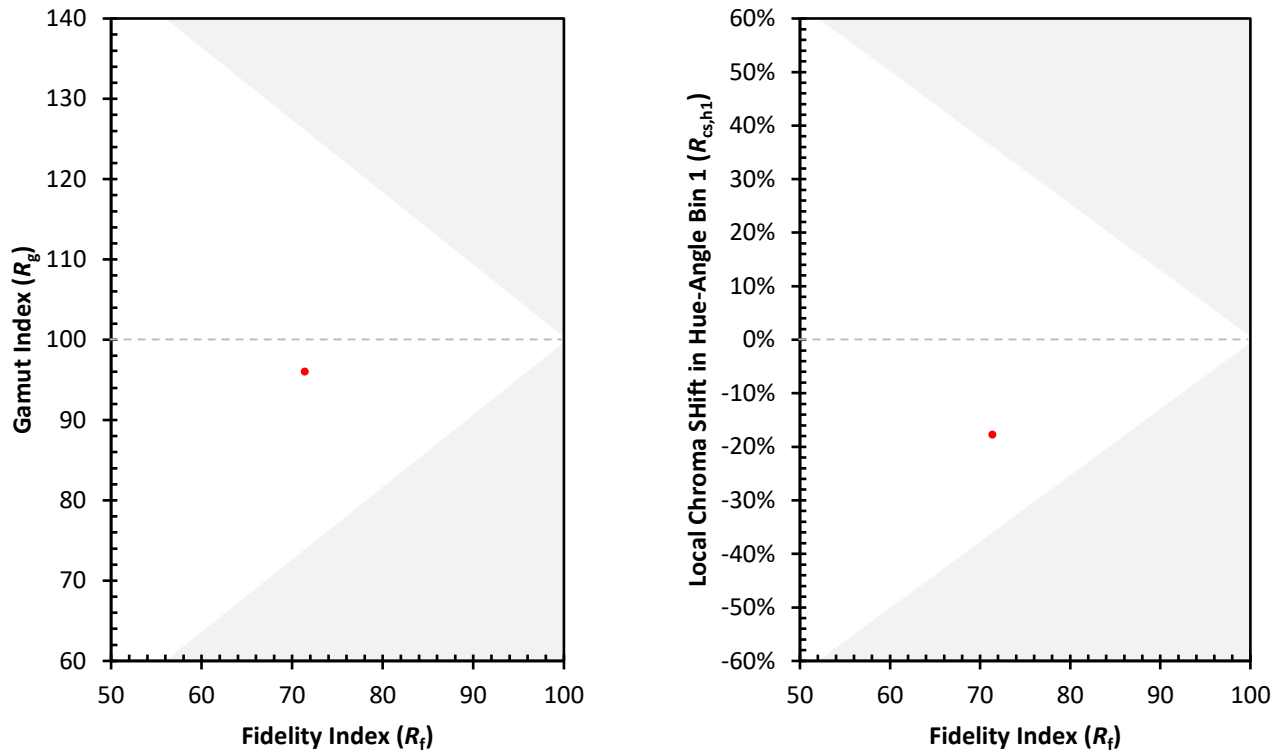
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)