

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: P1057597

Luminaire Tested: **GAP-SA1D-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057597
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1D-735-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 1xLight Square PACKAGE 70CRI
3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5679 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.1
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



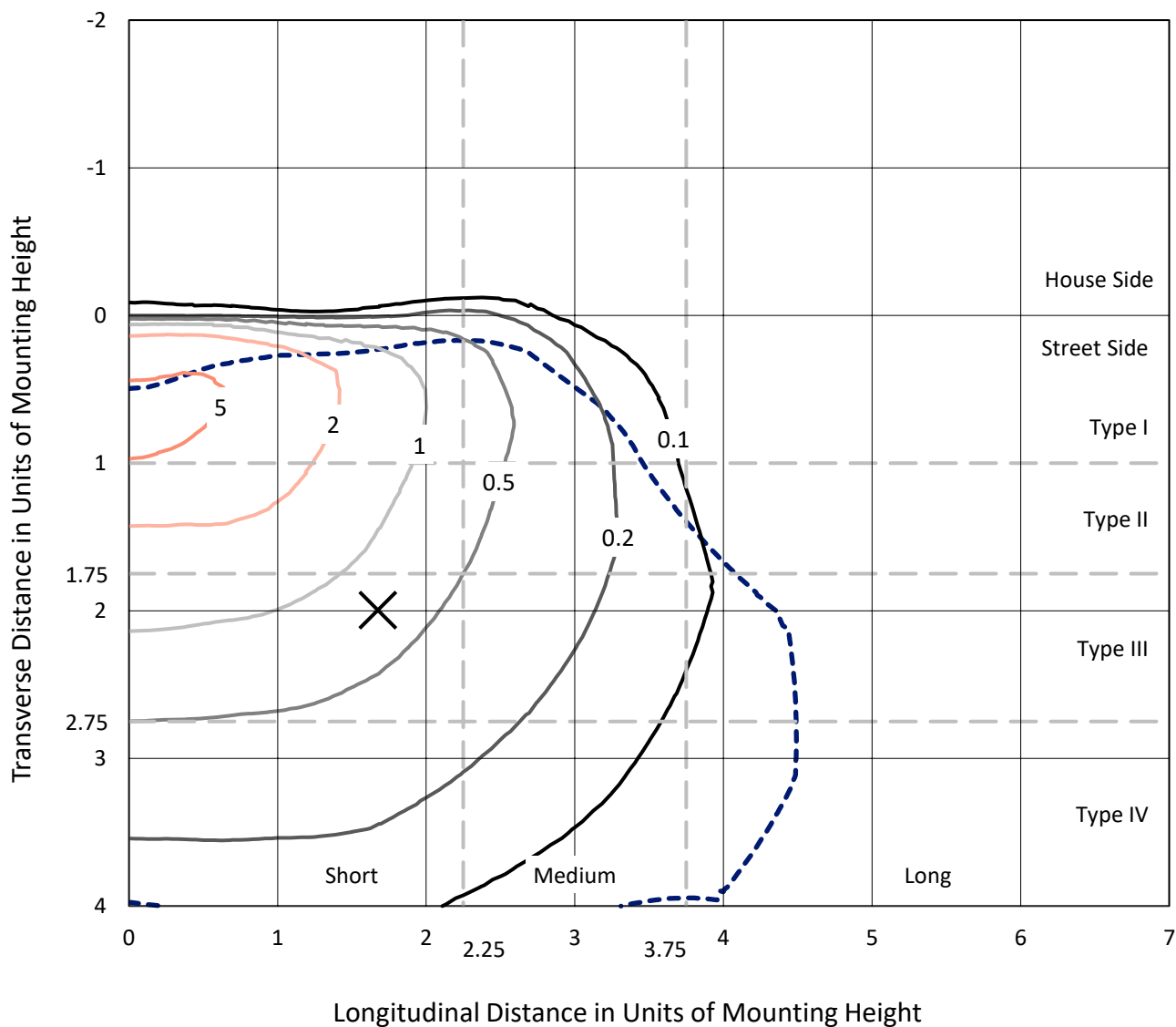
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CATALOG NUMBER: GAP-SA1D-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

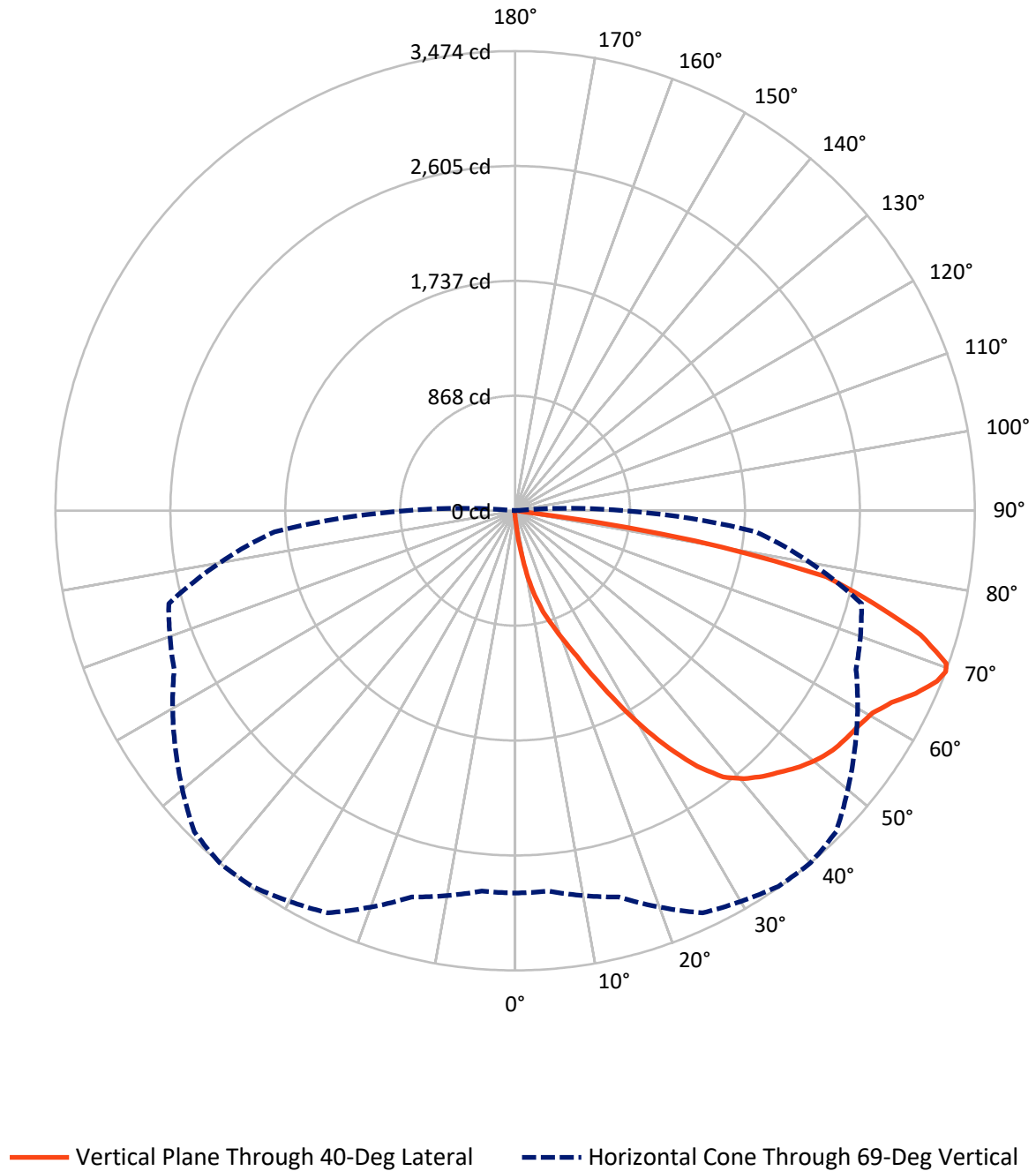


Based on 15 foot mounting height. Maximum calculated value = 6.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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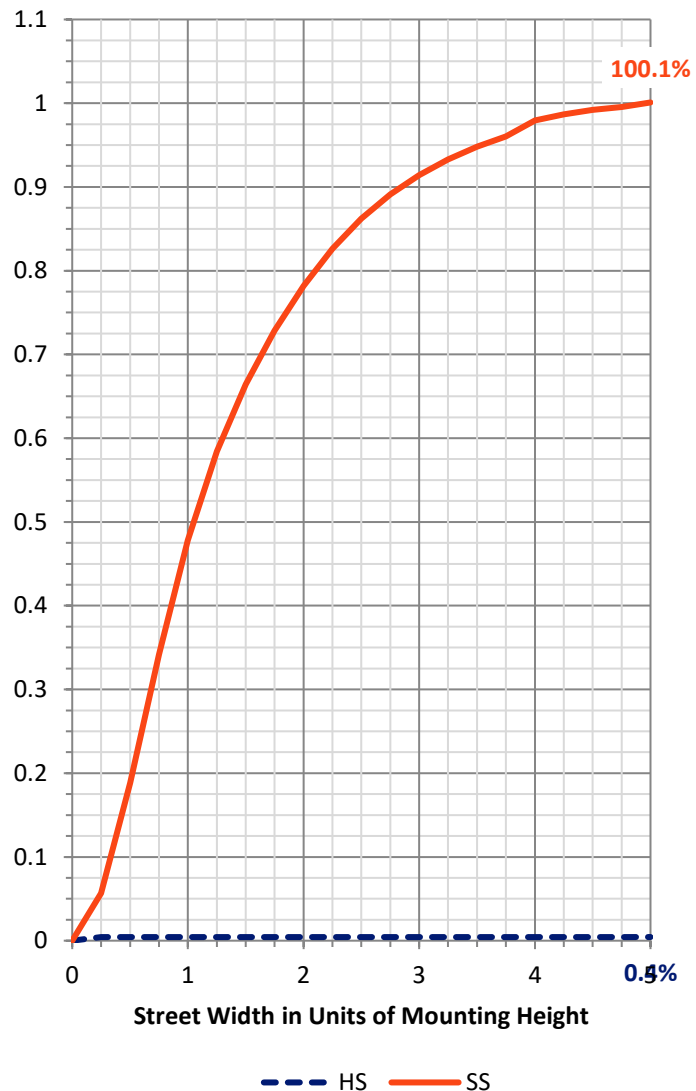
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.9	0.0	24.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5654.1	0.0	5654.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	5679.0	0.0	5679.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.2
10°-20°	90.7	1.6
20°-30°	273.2	4.8
30°-40°	601.5	10.6
40°-50°	924.3	16.3
50°-60°	1138.2	20.0
60°-70°	1436.9	25.3
70°-80°	1105.3	19.5
80°-90°	97.1	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°	5679.0	100.0
0°-180°	5679.0	100.0



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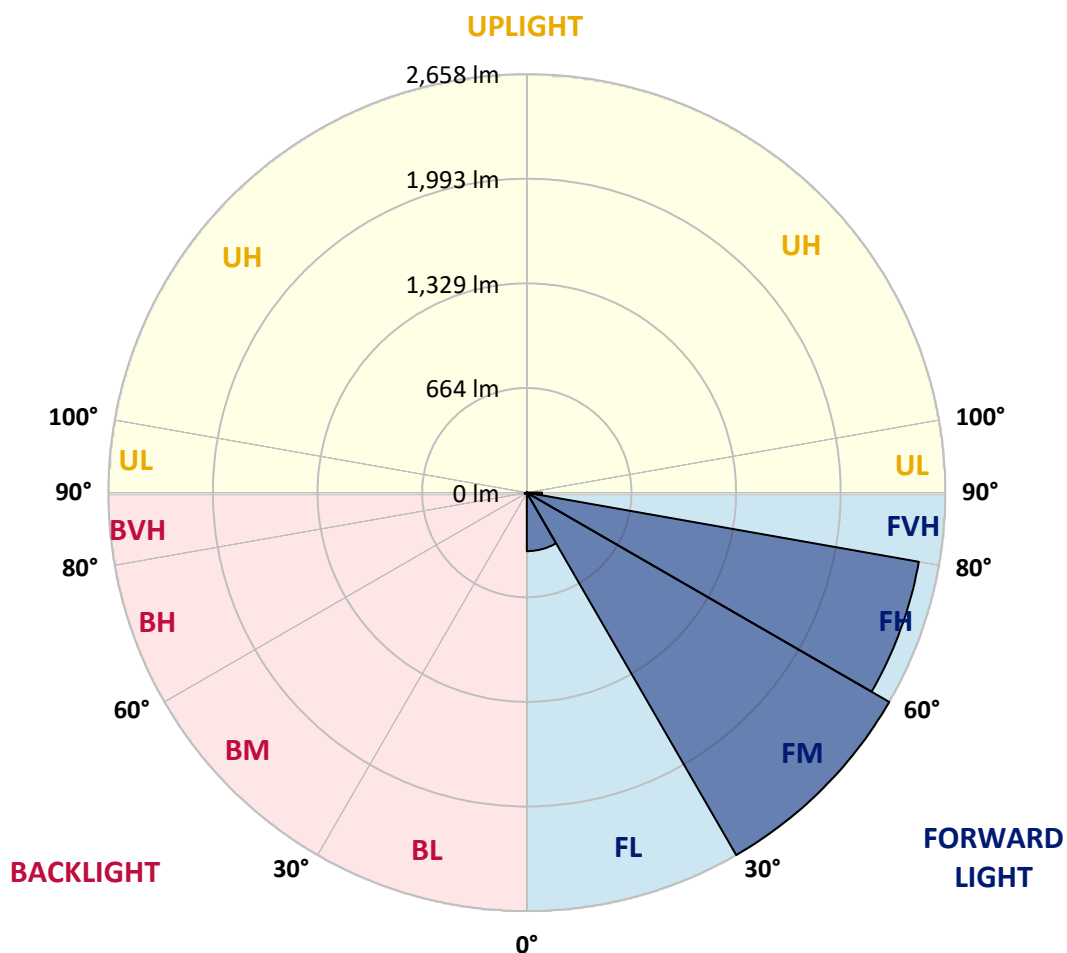
CATALOG NUMBER: GAP-SA1D-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	371.6	6.5			
FM	(30°-60°)	2657.8	46.8			
FH	(60°-80°)	2527.9	44.5			G2/5000
FVH	(80°-90°)	96.8	1.7			G1/100
BL	(0°-30°)	4.2	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	14.3	0.3	B0/110		G0/110
BVH	(80°-90°)	0.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
2.5°	92.7	91.6	87.3	82.0	77.8	74.6	70.3	63.9	57.5	50.1	44.7
5°	242.9	241.8	224.8	203.5	174.7	155.5	136.3	105.5	79.9	61.8	46.9
7.5°	449.5	446.3	430.3	397.3	336.6	303.6	268.4	188.5	122.5	76.7	50.1
10°	654.0	651.9	631.7	583.7	517.7	484.7	437.8	321.7	192.8	100.1	54.3
12.5°	774.4	779.7	764.8	742.5	686.0	655.1	601.8	467.6	296.1	137.4	59.7
15°	873.5	875.6	861.8	847.9	817.0	791.5	746.7	623.2	419.7	187.5	66.0
17.5°	996.0	992.8	977.9	961.9	927.8	908.6	879.9	767.0	551.8	258.8	74.6
20°	1151.5	1143.0	1125.9	1098.2	1061.0	1037.5	1007.7	914.0	683.9	337.7	85.2
22.5°	1350.7	1340.0	1321.9	1296.4	1230.3	1194.1	1155.8	1039.7	829.8	437.8	99.1
25°	1580.8	1575.5	1556.3	1520.1	1449.8	1401.8	1340.0	1186.7	974.7	544.3	116.1
27.5°	1851.3	1841.8	1816.2	1773.6	1698.0	1635.1	1558.4	1348.6	1113.2	657.2	137.4
30°	2153.9	2132.6	2080.4	2043.1	1954.7	1892.9	1803.4	1563.7	1255.9	775.5	159.8
32.5°	2435.1	2407.4	2331.8	2280.6	2198.6	2143.2	2061.2	1781.0	1416.7	899.0	188.5
35°	2689.7	2659.8	2537.3	2459.6	2418.0	2371.2	2288.1	2029.2	1590.4	1031.1	221.6
37.5°	2904.8	2875.0	2717.4	2594.9	2569.3	2553.3	2486.2	2239.1	1787.4	1180.3	259.9
40°	3025.2	3006.0	2869.7	2731.2	2682.2	2663.0	2614.0	2414.8	2006.9	1329.4	304.7
42.5°	3062.5	3050.8	2940.0	2871.8	2782.3	2744.0	2685.4	2549.1	2195.4	1496.6	355.8
45°	3042.3	3029.5	2948.5	2964.5	2889.9	2815.4	2735.5	2640.7	2354.1	1693.7	419.7
47.5°	2956.0	2951.7	2896.3	2986.9	2978.3	2893.1	2794.1	2701.4	2490.5	1884.4	499.6
50°	2745.1	2742.9	2768.5	2956.0	3036.9	2957.0	2858.0	2755.7	2599.1	2075.0	601.8
52.5°	2460.7	2475.6	2604.5	2898.5	3054.0	3007.1	2921.9	2817.5	2688.6	2265.7	739.3
55°	2310.5	2323.2	2492.6	2835.6	3050.8	3036.9	2986.9	2877.2	2770.6	2422.3	922.5
57.5°	2424.4	2410.6	2488.3	2827.1	3036.9	3062.5	3033.7	2924.0	2845.2	2560.8	1176.0
60°	2640.7	2636.4	2646.0	2887.8	3065.7	3104.0	3083.8	2956.0	2918.7	2666.2	1455.1
62.5°	2859.0	2847.3	2856.9	3055.0	3165.8	3192.5	3168.0	3008.2	2976.2	2742.9	1757.6
65°	2967.7	2959.2	3003.9	3223.3	3308.6	3326.7	3294.7	3092.3	2985.8	2782.3	1948.3
67.5°	2953.8	2951.7	3056.1	3341.6	3427.9	3438.5	3411.9	3176.5	2945.3	2781.3	1968.5
69°	2888.9	2884.6	3022.0	3353.3	3466.2	3473.7	3430.0	3133.9	2843.1	2709.9	1824.7
70°	2812.2	2816.4	2972.0	3332.0	3467.3	3456.6	3355.4	3073.2	2765.3	2627.9	1641.5
72.5°	2526.7	2553.3	2766.4	3192.5	3321.3	3202.0	3070.0	2874.0	2617.2	2240.2	1146.2
75°	2113.4	2150.7	2425.5	2902.7	2855.8	2796.2	2780.2	2631.1	2371.2	1488.1	814.9
77.5°	1033.3	1156.8	1721.4	2229.5	2343.5	2404.2	2381.8	2175.2	1905.7	730.7	531.5
80°	54.3	56.5	90.5	213.0	1085.5	1380.5	1698.0	1660.7	1442.3	333.4	280.2
82.5°	28.8	28.8	32.0	37.3	43.7	52.2	138.5	951.2	857.5	171.5	104.4
85°	16.0	16.0	19.2	25.6	33.0	38.3	43.7	57.5	184.3	61.8	17.0
87.5°	7.5	9.6	12.8	18.1	23.4	29.8	34.1	42.6	54.3	52.2	3.2
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: GAP-SA1D-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
2.5°	41.5	39.4	36.2	34.1	33.0	30.9	28.8	27.7	26.6	25.6	26.6
5°	41.5	38.3	33.0	29.8	27.7	24.5	22.4	21.3	20.2	19.2	19.2
7.5°	41.5	36.2	29.8	25.6	22.4	20.2	17.0	16.0	14.9	13.8	13.8
10°	42.6	34.1	26.6	22.4	19.2	16.0	13.8	11.7	10.7	10.7	10.7
12.5°	42.6	32.0	23.4	19.2	16.0	12.8	9.6	7.5	6.4	6.4	6.4
15°	42.6	29.8	21.3	16.0	12.8	9.6	5.3	3.2	2.1	2.1	1.1
17.5°	43.7	28.8	19.2	13.8	9.6	5.3	1.1	0.0	0.0	0.0	0.0
20°	45.8	27.7	17.0	11.7	6.4	2.1	0.0	0.0	0.0	0.0	0.0
22.5°	47.9	26.6	14.9	8.5	3.2	1.1	0.0	0.0	0.0	0.0	0.0
25°	52.2	26.6	13.8	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	56.5	26.6	10.7	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	59.7	26.6	9.6	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	63.9	26.6	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	67.1	25.6	6.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	70.3	24.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	74.6	23.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	78.8	21.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	84.2	20.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	91.6	19.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	102.3	19.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	120.4	19.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	150.2	19.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	202.4	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	304.7	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	470.8	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	720.1	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	912.9	30.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	824.5	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	698.8	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	388.8	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	202.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	86.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	25.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	8.5	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.2	2.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.1	1.1	1.1	1.1	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: SP1-2407-184-5

Test Date: 10/10/2024

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

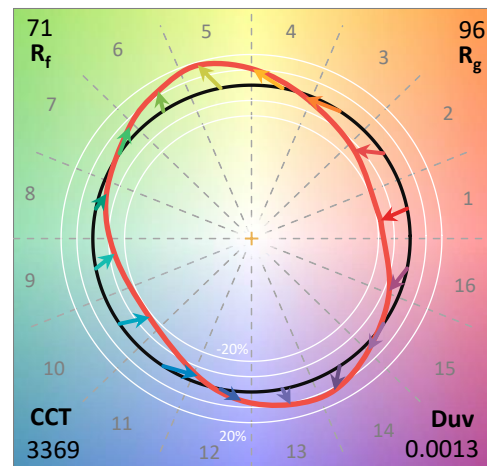
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

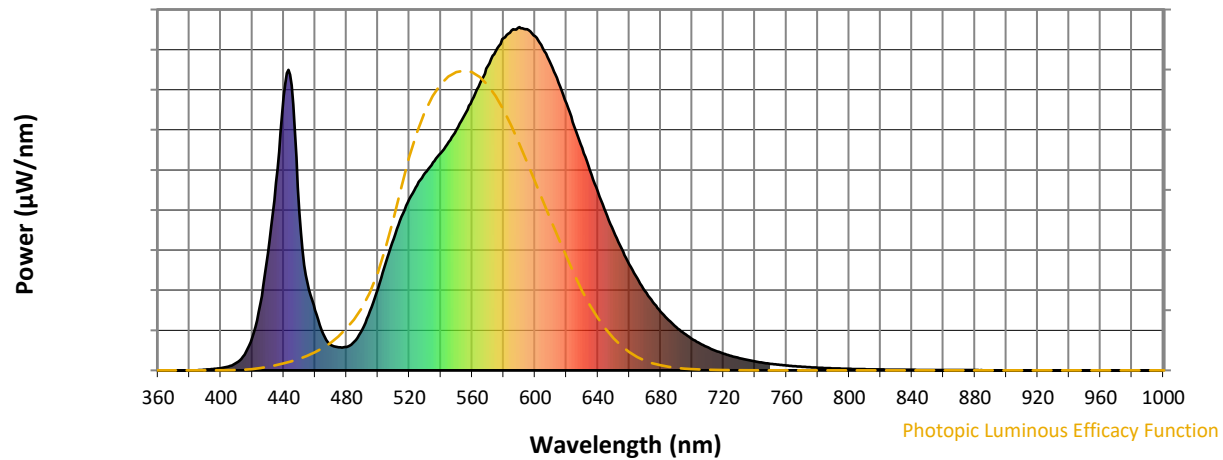
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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Photopic Flux vs. Wavelength

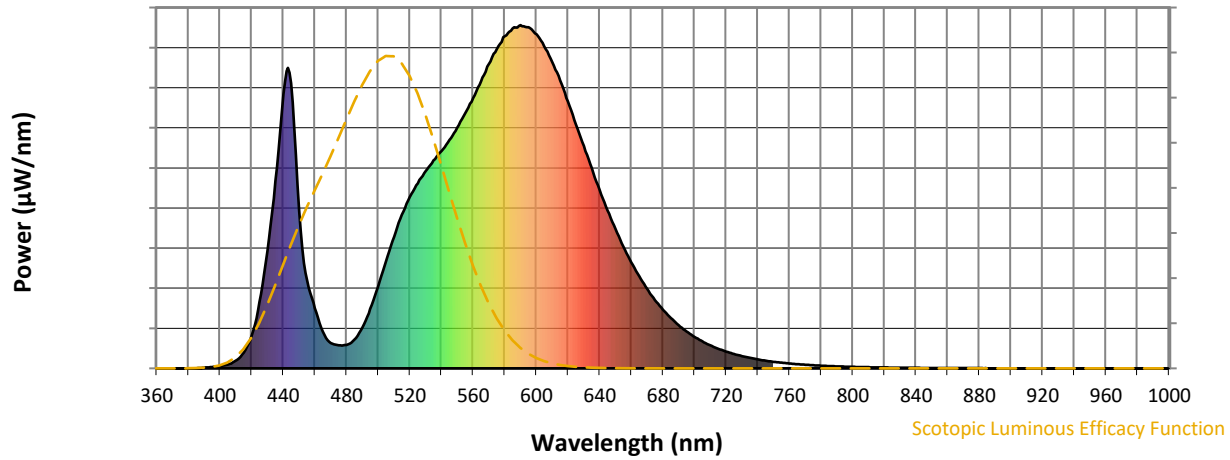


Photopic Lumens: NR

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	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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



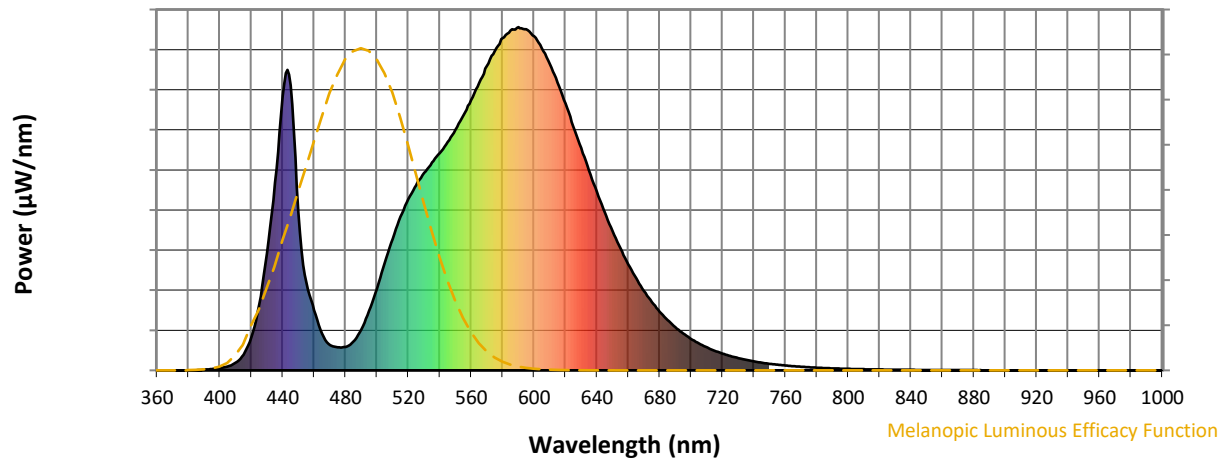
Scotopic Lumens: NR

S/P: 1.29

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	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

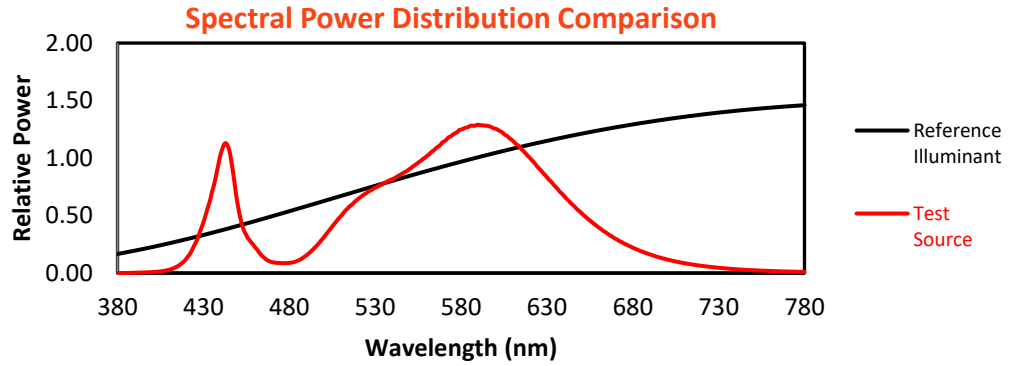
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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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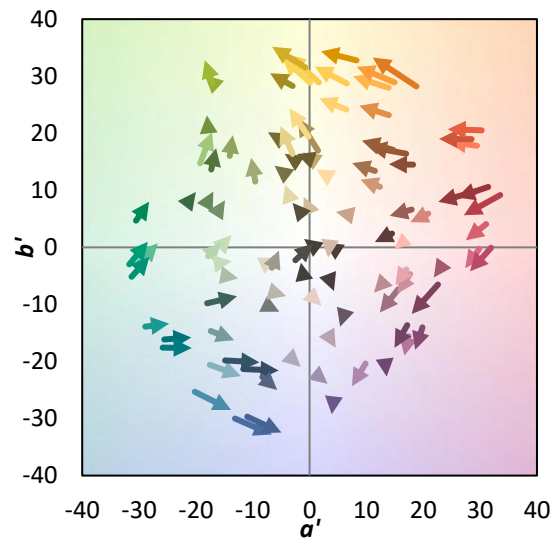
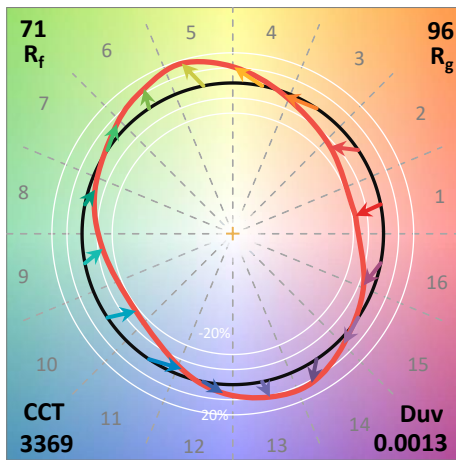
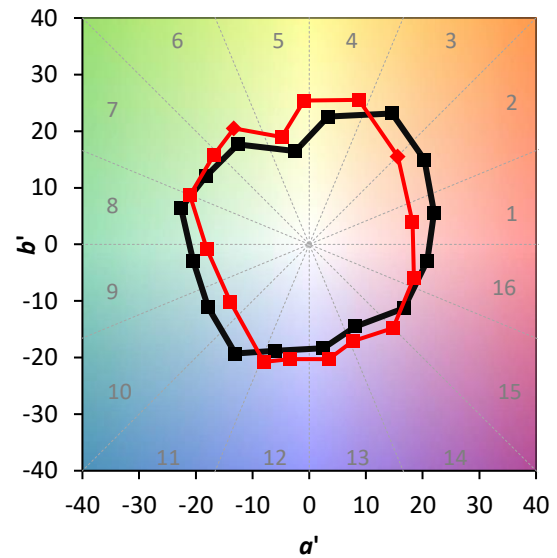
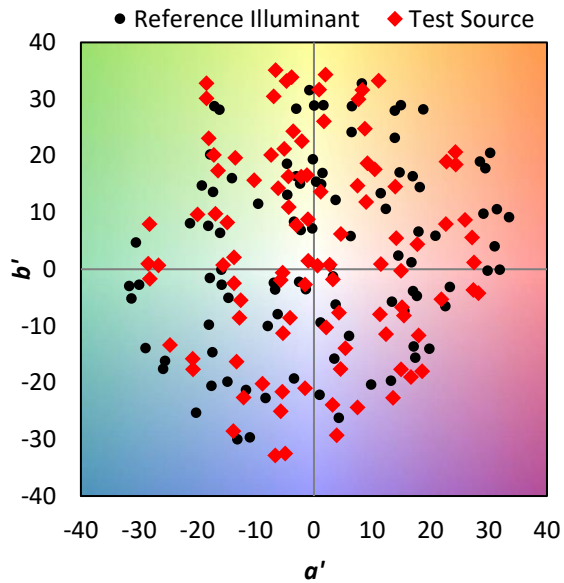
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$

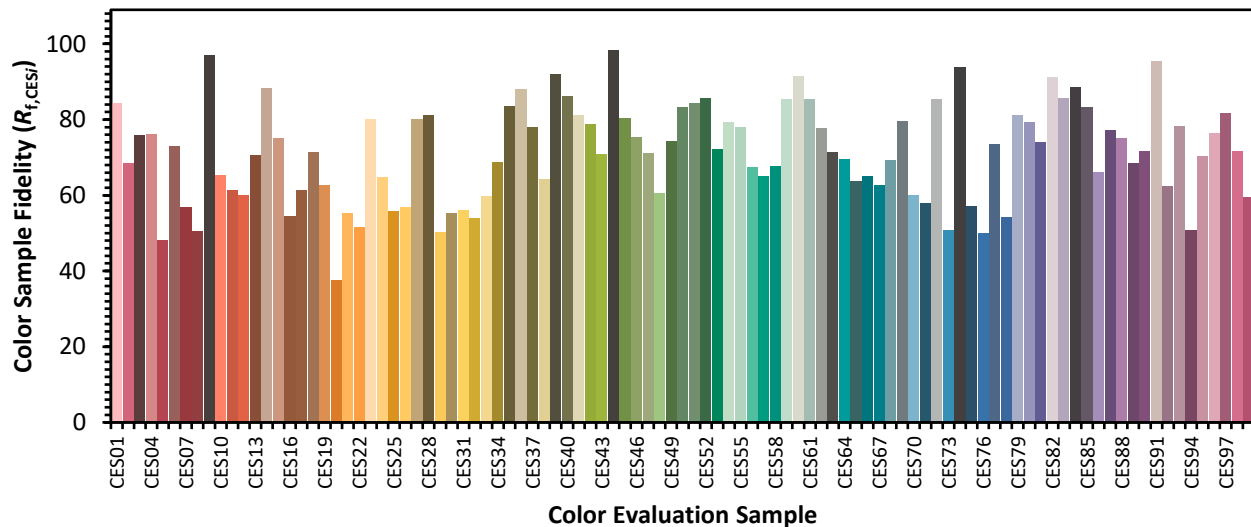


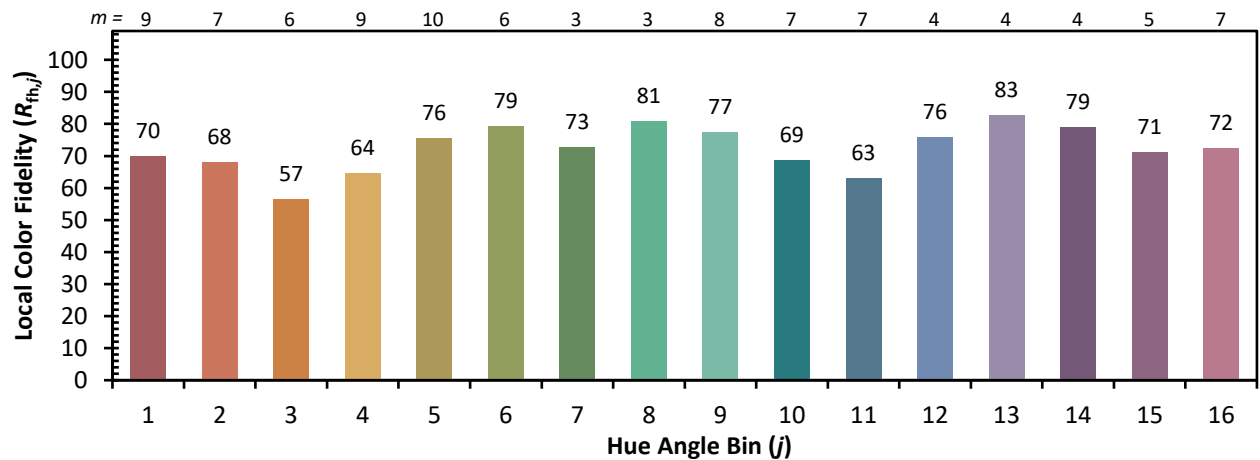
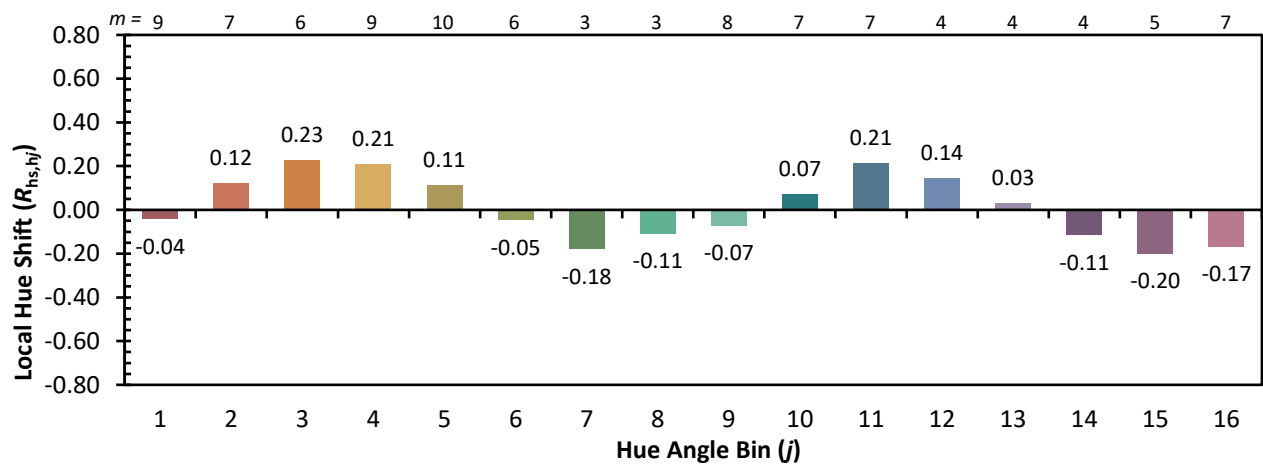
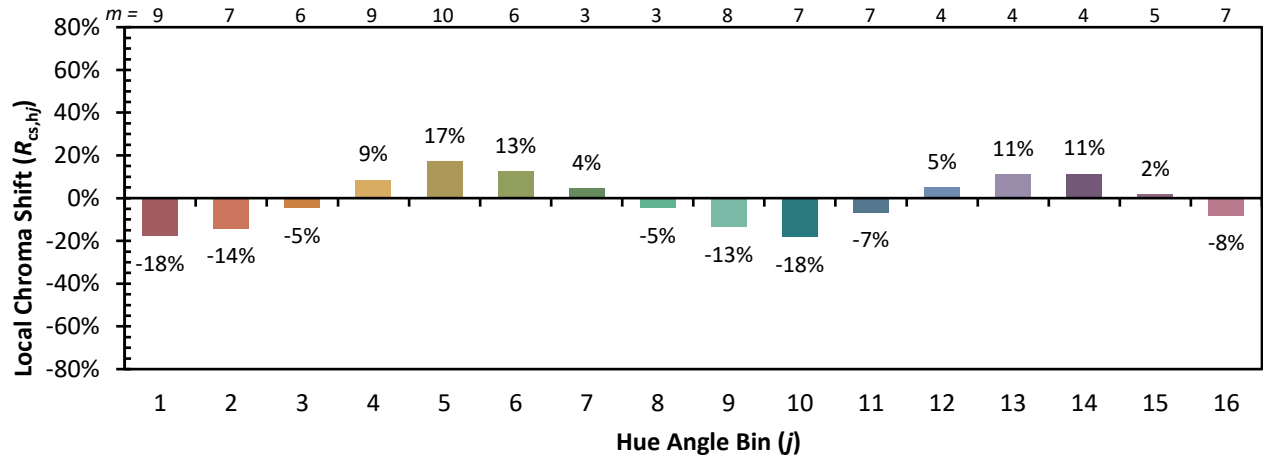
Color Vector Graphics



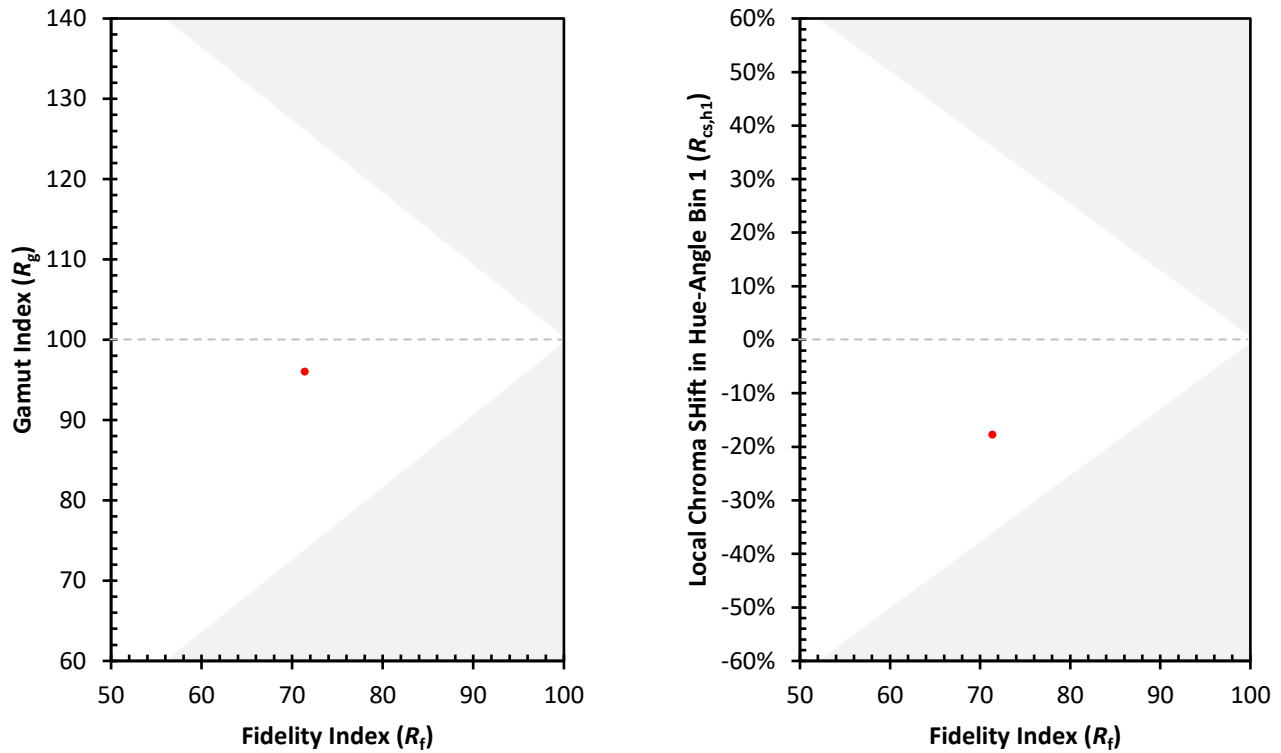
Individual Sample Fidelity Index ($R_{f,i}$)

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)