

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: P1057485

Luminaire Tested: **GAP-SA1D-827-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057485
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1D-827-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 1xLight Square PACKAGE 80CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4625.3 lumens
Efficiency: N/A
Efficacy: 82.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - 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

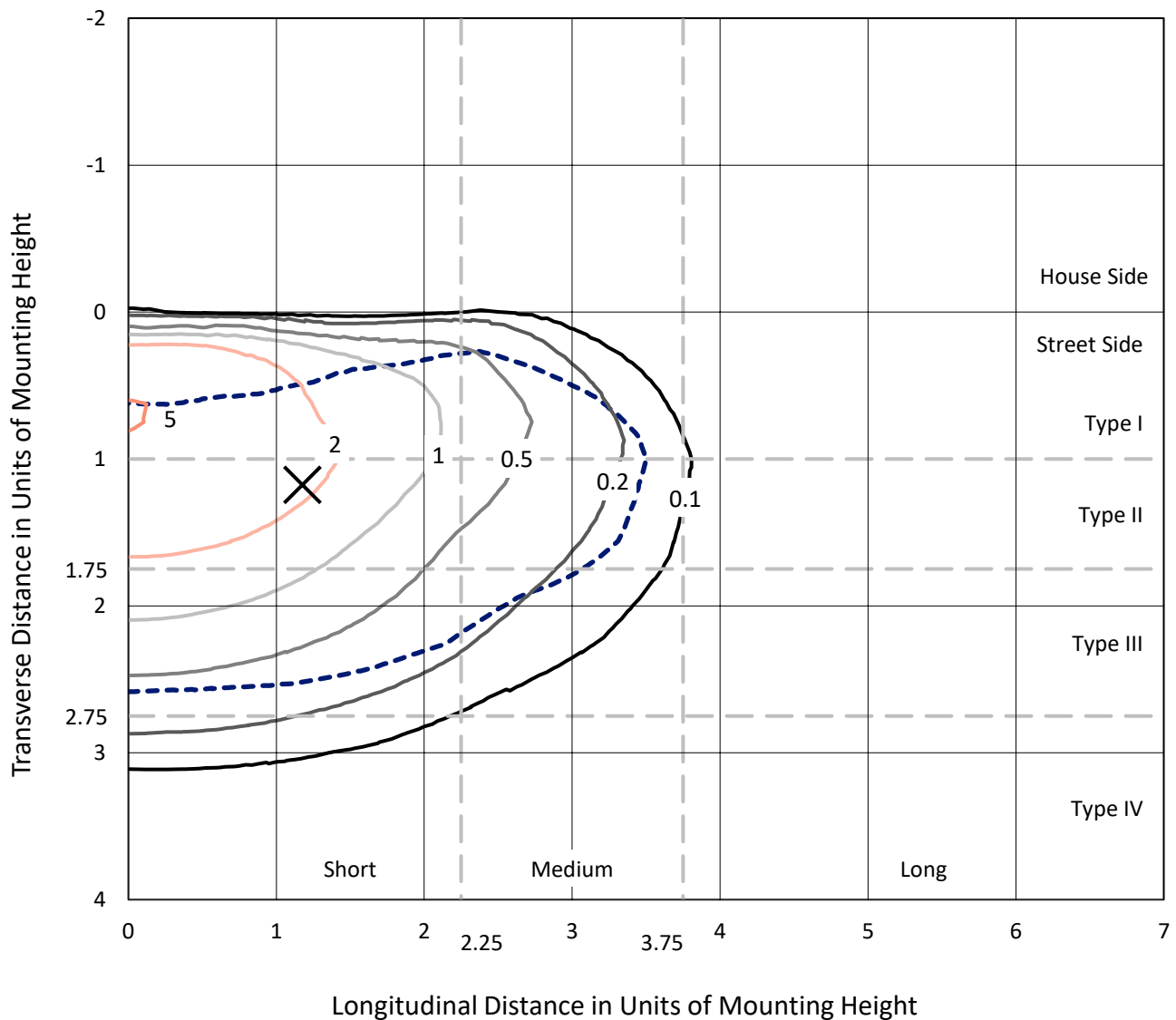


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

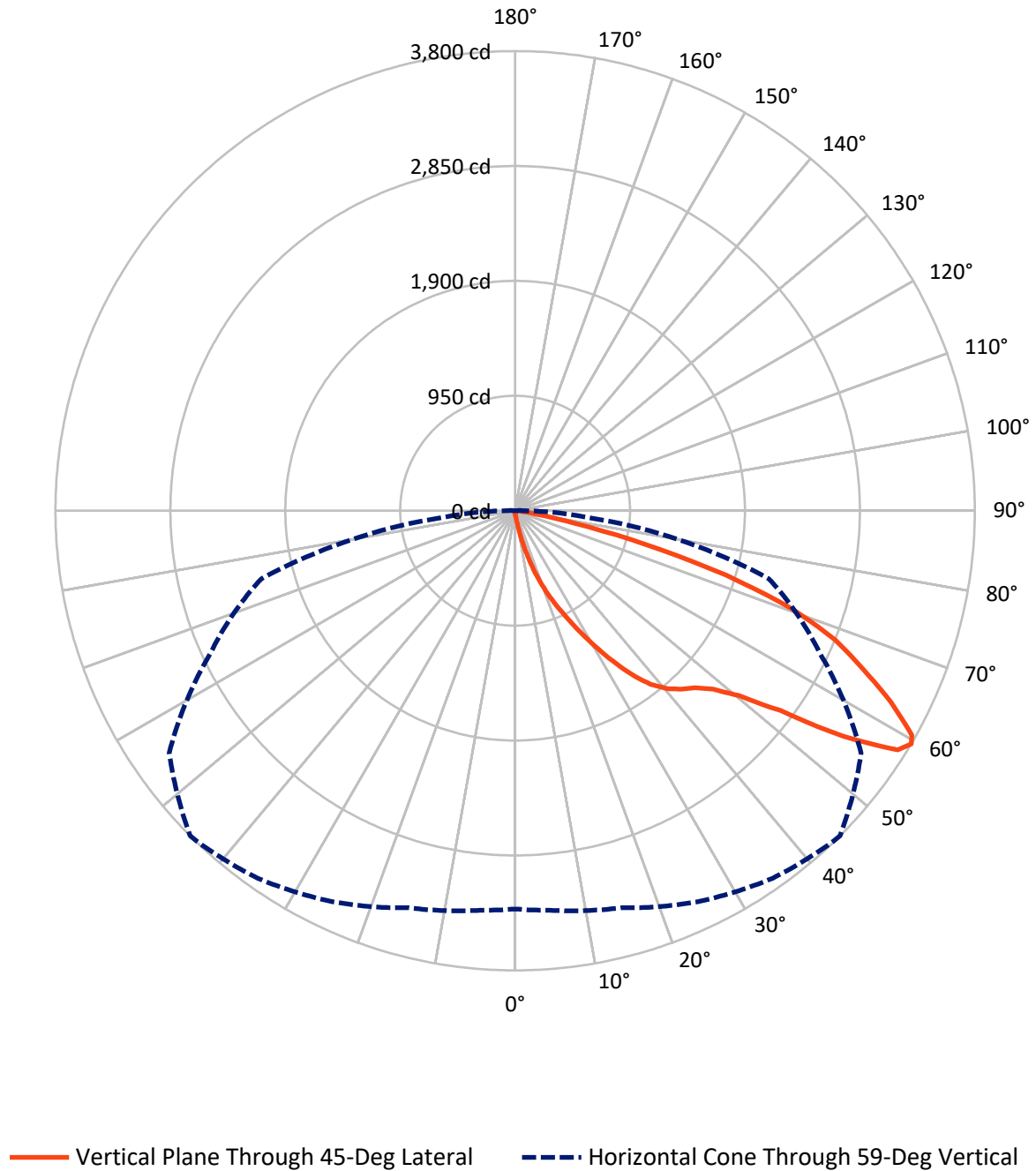


Based on 15 foot mounting height. Maximum calculated value = 5.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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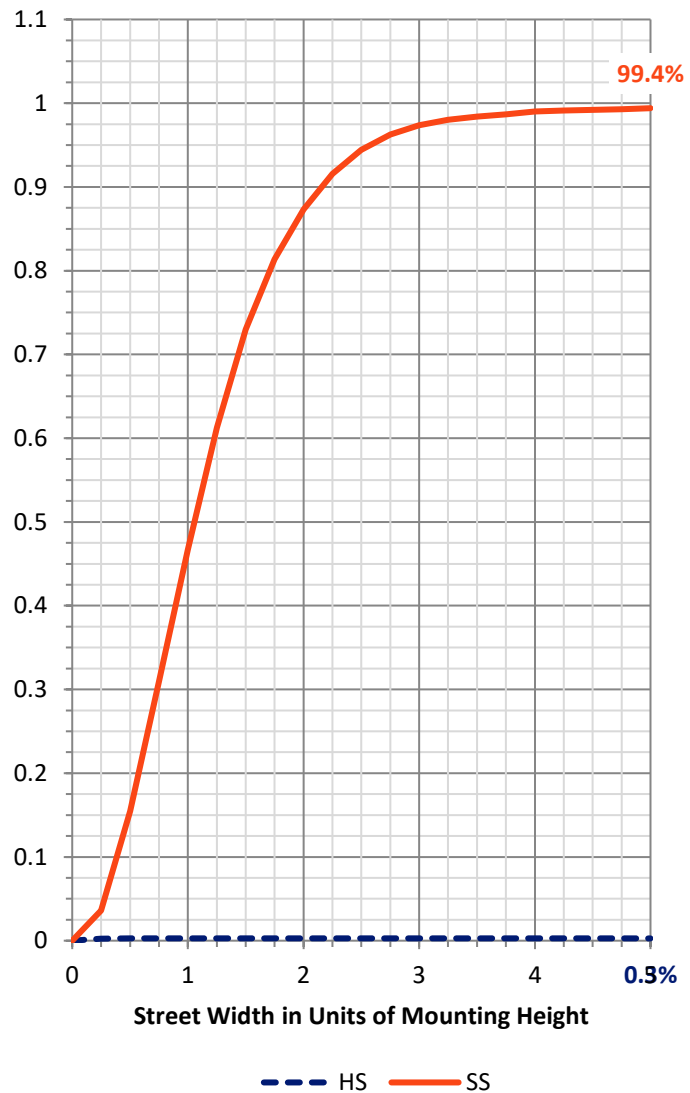
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.5	0.0	12.5
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4612.8	0.0	4612.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	4625.3	0.0	4625.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.5	0.1
10°-20°	53.6	1.2
20°-30°	189.3	4.1
30°-40°	436.4	9.4
40°-50°	736.1	15.9
50°-60°	1213.6	26.2
60°-70°	1378.7	29.8
70°-80°	566.9	12.3
80°-90°	46.2	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°	4625.3	100.0
0°-180°	4625.3	100.0



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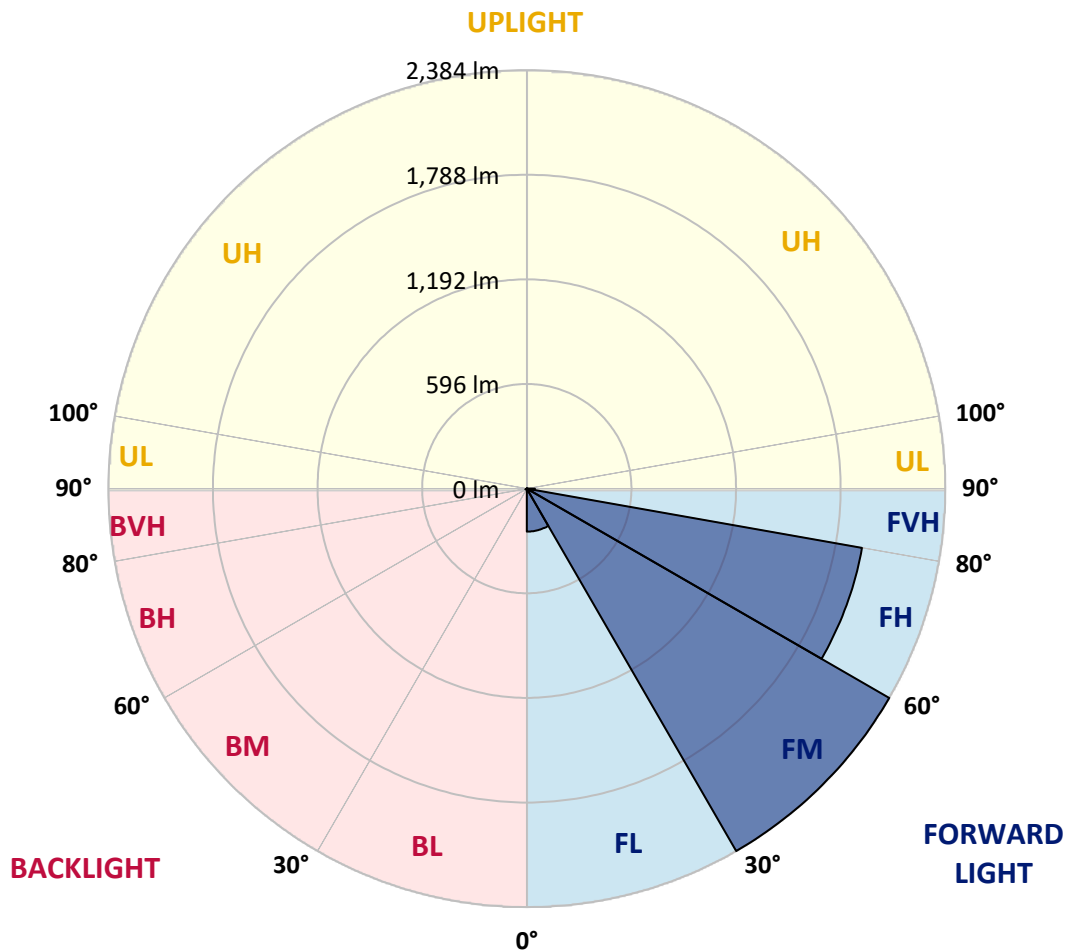
CATALOG NUMBER: GAP-SA1D-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	244.8	5.3			
FM	(30°-60°)	2383.8	51.5			
FH	(60°-80°)	1938.4	41.9			G2/5000
FVH	(80°-90°)	45.8	1.0			G1/100
BL	(0°-30°)	2.6	0.1	B0/110		
BM	(30°-60°)	2.4	0.1	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.4	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°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
2.5°	34.5	34.9	34.5	34.2	32.6	31.1	31.1	30.0	28.9	27.8	26.6
5°	60.8	59.3	57.8	54.4	48.0	42.4	41.7	36.8	32.6	29.6	27.0
7.5°	154.2	150.1	135.9	119.0	90.4	69.4	68.7	52.2	39.4	32.3	27.4
10°	322.0	310.7	289.0	252.9	195.5	143.0	131.7	80.3	51.8	35.7	27.8
12.5°	489.4	489.7	469.1	419.9	349.8	265.3	250.7	145.2	73.9	41.7	28.1
15°	636.5	632.7	614.7	579.8	504.0	406.4	393.3	249.6	111.8	49.9	28.9
17.5°	749.1	743.8	732.9	709.3	653.7	557.7	543.8	376.4	173.4	60.8	29.3
20°	881.2	877.4	863.5	830.9	780.2	703.7	683.8	515.3	264.2	78.8	30.0
22.5°	1044.8	1033.9	1017.0	975.4	912.7	830.5	823.7	656.4	375.7	107.0	31.5
25°	1233.9	1218.5	1198.7	1146.1	1068.8	969.0	960.7	794.8	495.7	149.4	33.8
27.5°	1463.2	1449.0	1413.3	1345.4	1252.7	1133.4	1124.0	936.3	629.0	207.2	36.8
30°	1711.7	1693.3	1634.4	1546.2	1458.0	1316.9	1294.3	1081.2	762.2	279.2	40.9
32.5°	1943.2	1919.6	1846.8	1742.4	1650.1	1501.1	1481.2	1244.8	902.2	365.1	47.3
35°	2148.5	2120.7	2019.8	1906.1	1813.4	1682.0	1664.0	1403.9	1038.0	462.7	55.2
37.5°	2311.7	2293.4	2153.7	2025.4	1950.0	1833.6	1821.6	1574.7	1189.3	575.3	66.0
40°	2480.2	2455.8	2291.8	2130.1	2044.5	1947.7	1933.5	1712.0	1334.5	696.9	79.6
42.5°	2622.8	2600.0	2445.7	2274.2	2140.6	2025.4	2016.4	1827.2	1475.2	823.4	97.2
45°	2773.7	2753.1	2615.0	2480.6	2280.2	2102.7	2087.3	1922.6	1612.6	971.2	120.5
47.5°	2980.9	2953.5	2821.7	2718.5	2489.2	2221.7	2204.4	2016.0	1751.8	1125.8	152.7
50°	3240.2	3220.3	3125.0	3042.8	2799.6	2438.6	2401.8	2137.2	1883.9	1303.0	194.8
52.5°	3492.0	3485.2	3492.0	3462.7	3277.7	2815.0	2743.3	2341.0	2052.0	1488.0	249.6
55°	3523.5	3544.2	3625.6	3719.4	3688.7	3354.3	3293.9	2651.4	2260.0	1721.4	333.3
57.5°	3409.4	3421.1	3525.0	3690.5	3790.0	3738.9	3731.4	3165.1	2553.4	1998.8	459.0
59°	3292.7	3315.6	3398.6	3567.4	3710.0	3794.1	3800.1	3491.3	2776.7	2171.4	562.5
60°	3227.8	3234.9	3299.1	3465.4	3618.5	3751.3	3768.6	3658.3	2952.7	2301.6	655.2
62.5°	3022.9	3026.7	3061.2	3192.2	3327.6	3450.0	3486.4	3760.0	3441.3	2628.1	982.9
65°	2754.9	2759.8	2812.0	2937.7	3066.8	3149.0	3164.4	3474.7	3698.8	2968.1	1440.3
67.5°	2272.0	2299.4	2365.8	2563.9	2745.6	2843.9	2855.1	2971.9	3558.1	3198.2	1682.4
70°	1538.3	1512.4	1677.1	1953.0	2281.3	2429.2	2430.0	2481.0	3028.9	3141.5	1402.8
72.5°	671.8	713.0	833.1	1075.9	1473.7	1830.3	1822.7	1996.1	2415.7	2669.0	1042.9
75°	295.0	304.4	355.0	483.7	670.3	994.1	1108.6	1602.5	1818.2	1745.4	758.4
77.5°	158.7	161.0	174.5	202.3	256.3	469.5	495.7	1015.1	1289.1	1006.1	490.1
80°	60.4	60.4	63.0	72.4	107.0	183.5	197.0	458.6	889.4	514.1	247.7
82.5°	37.9	37.2	37.5	37.9	43.5	62.7	66.8	182.4	419.9	253.7	65.3
85°	19.1	19.9	22.1	26.6	31.5	38.7	39.8	57.0	127.6	59.3	16.9
87.5°	12.4	12.8	13.9	18.0	22.1	28.1	28.9	39.8	50.7	41.7	3.4
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-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
2.5°	26.3	25.5	24.4	23.3	22.1	20.3	18.8	18.0	17.6	17.3	17.3
5°	25.9	24.8	22.5	20.6	18.8	16.5	14.6	13.5	13.1	12.8	12.8
7.5°	25.5	23.6	21.0	18.4	15.8	13.1	10.9	9.8	9.4	9.0	8.6
10°	25.1	22.9	19.1	16.1	13.1	10.1	7.9	6.4	6.0	5.6	5.6
12.5°	24.8	21.8	17.6	14.3	10.5	7.1	5.3	3.8	3.0	2.6	2.6
15°	24.4	20.6	16.5	12.0	7.9	4.5	2.3	1.1	0.4	0.4	0.4
17.5°	23.3	19.5	14.6	9.4	5.3	2.3	0.8	0.0	0.0	0.0	0.0
20°	22.5	18.4	12.8	7.1	3.0	1.1	0.0	0.0	0.0	0.0	0.0
22.5°	22.1	17.6	10.9	4.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0
25°	22.1	16.9	9.0	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	22.5	16.1	7.1	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	21.8	15.4	5.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	21.8	13.9	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	22.1	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	23.3	10.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	25.1	9.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.8	9.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	30.8	9.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	35.3	9.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	40.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	46.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	52.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	61.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	70.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	79.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	129.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	253.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	433.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	460.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	302.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	153.9	6.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	69.1	6.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	27.8	3.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.3	2.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.5	2.3	1.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.3	1.9	1.5	0.8	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

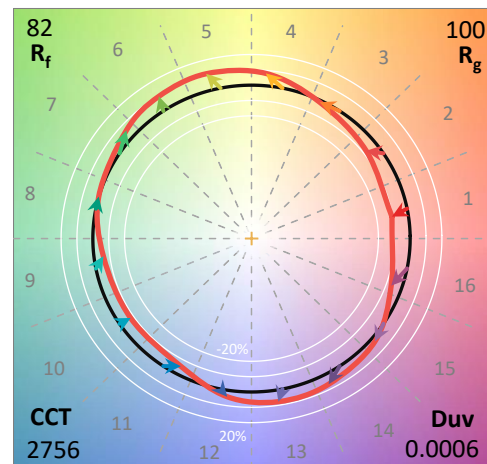
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

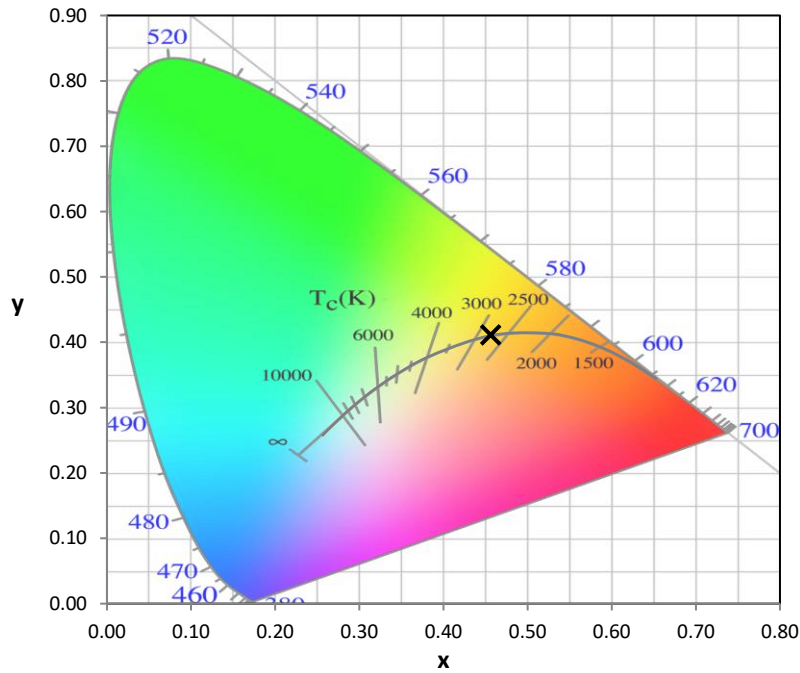
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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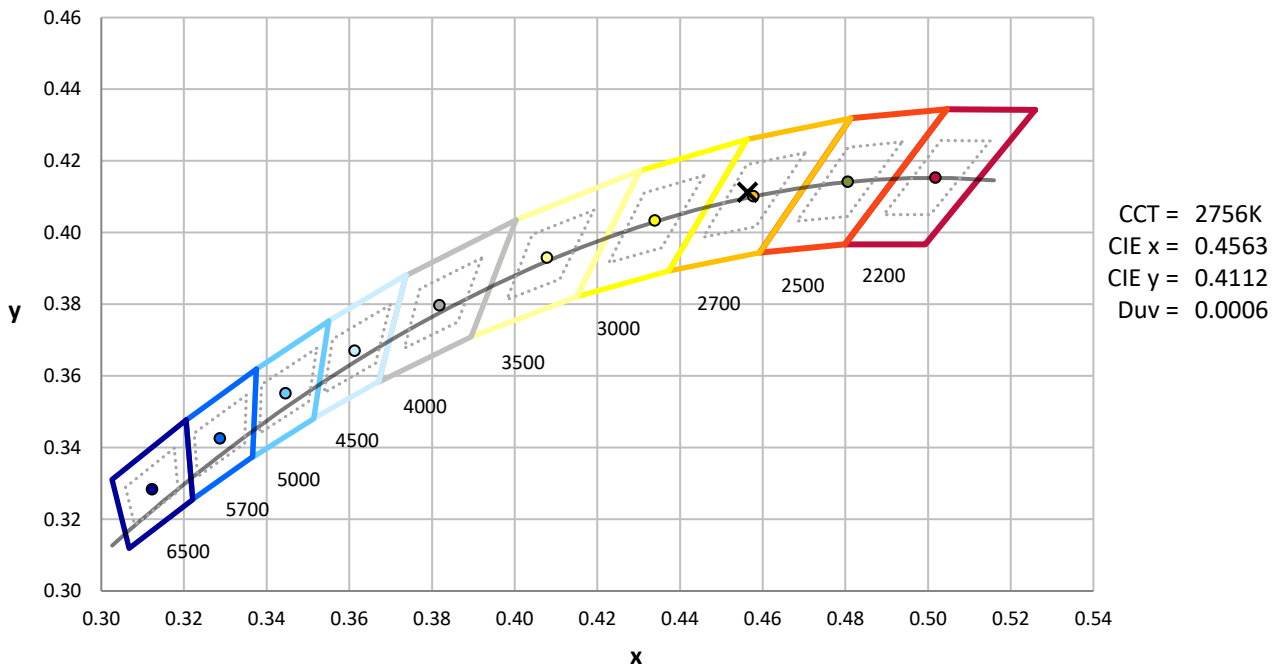
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



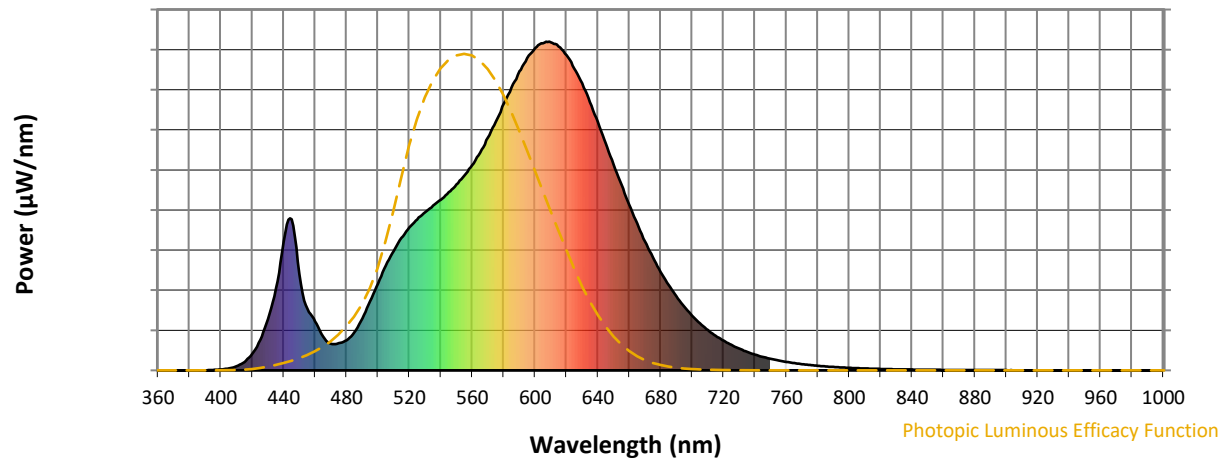
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

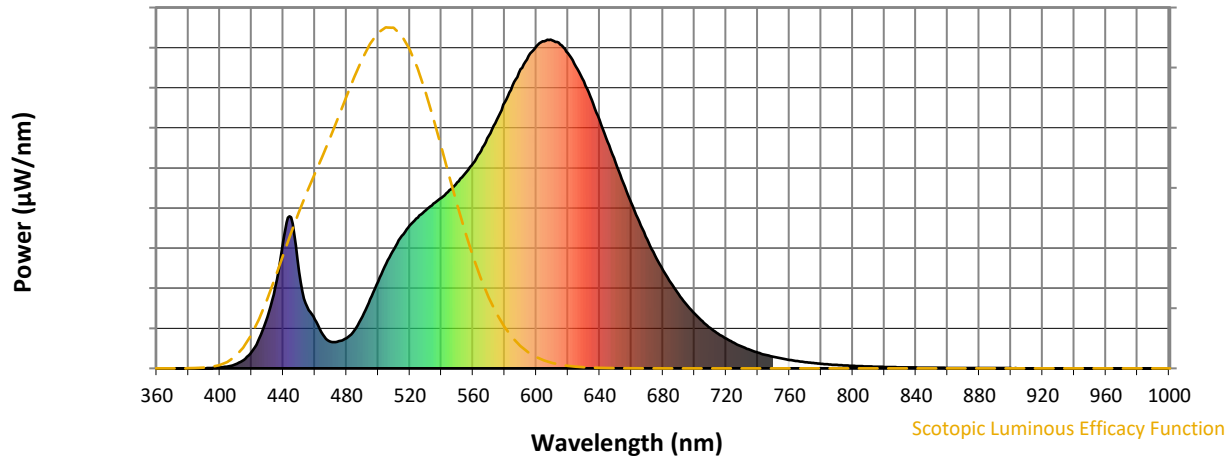


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



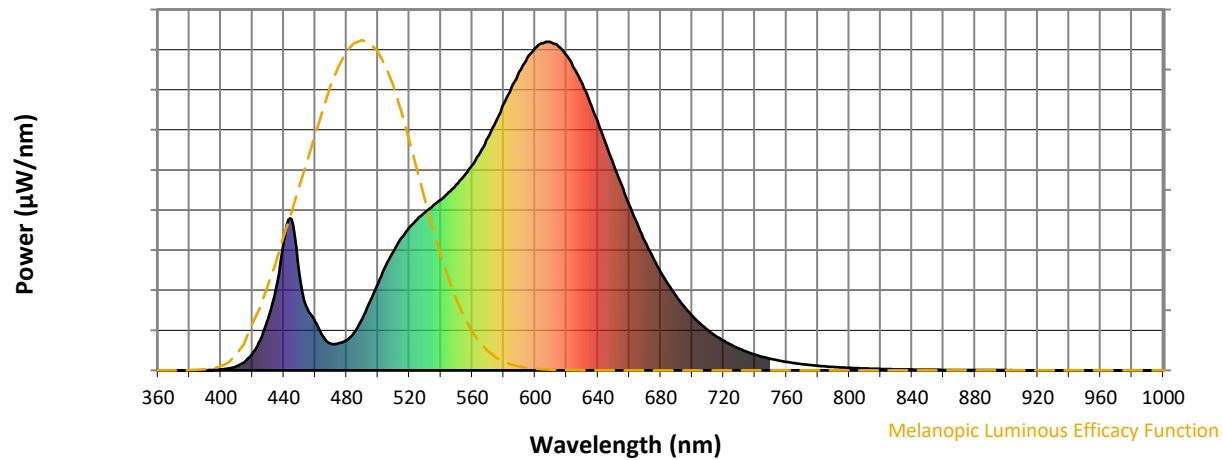
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

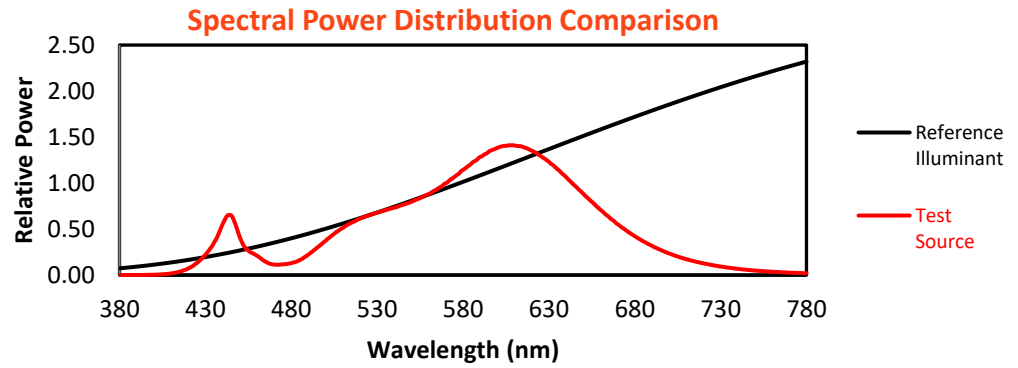
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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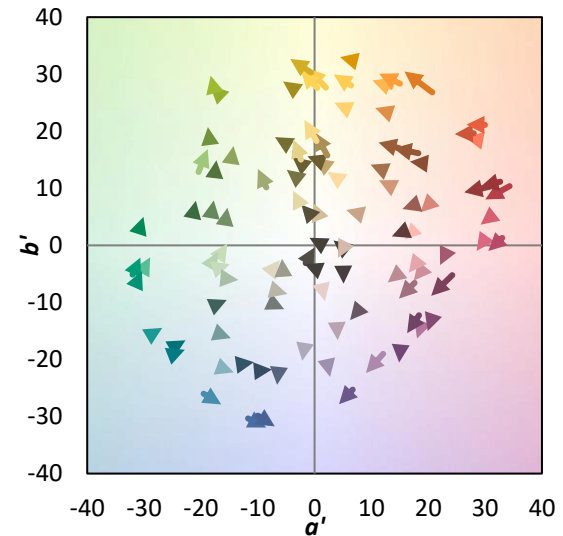
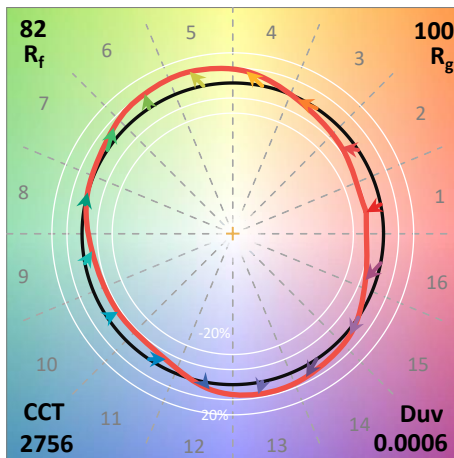
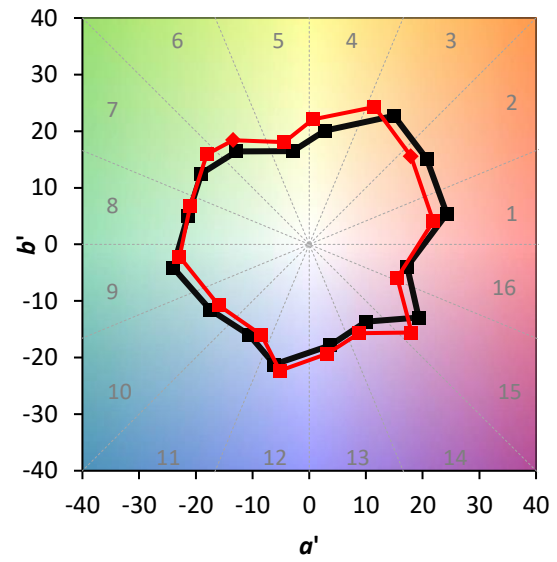
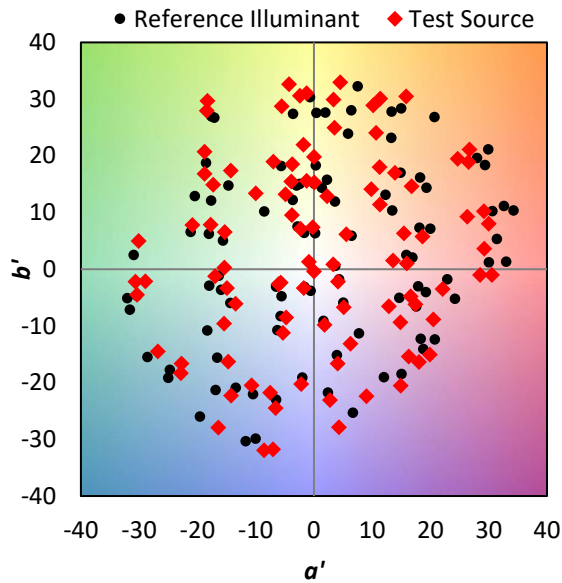
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

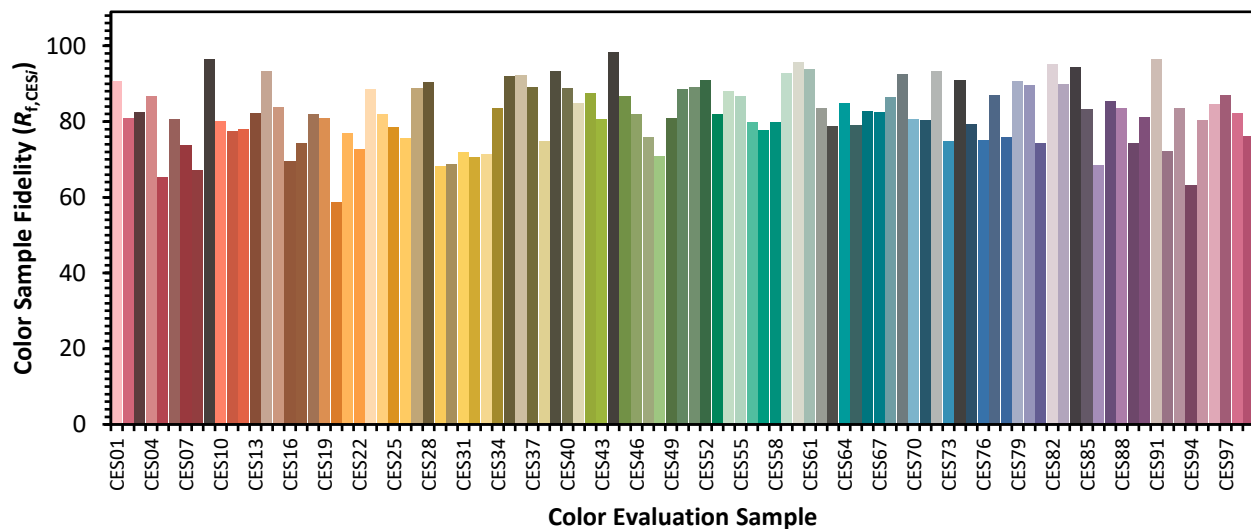


Color Vector Graphics

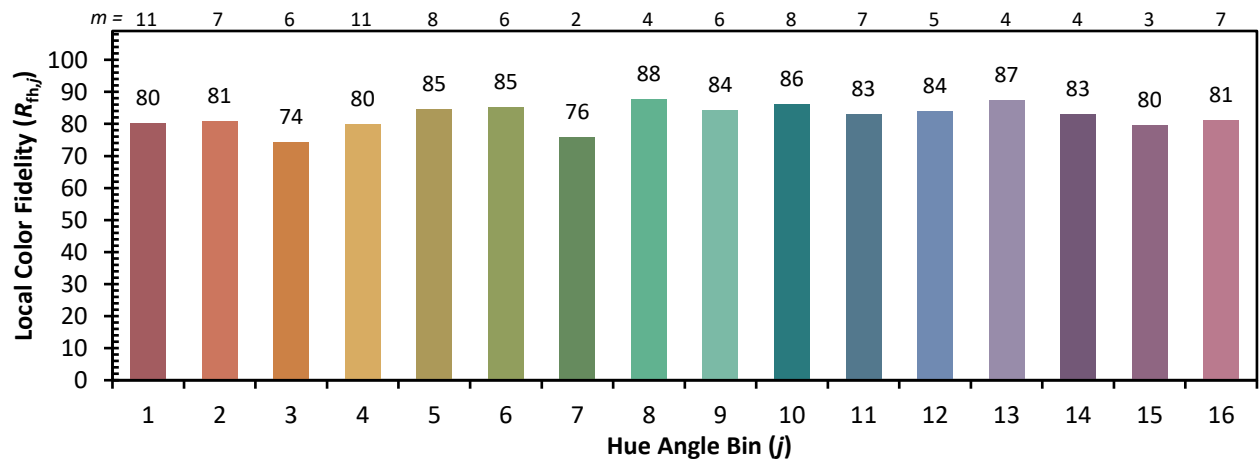
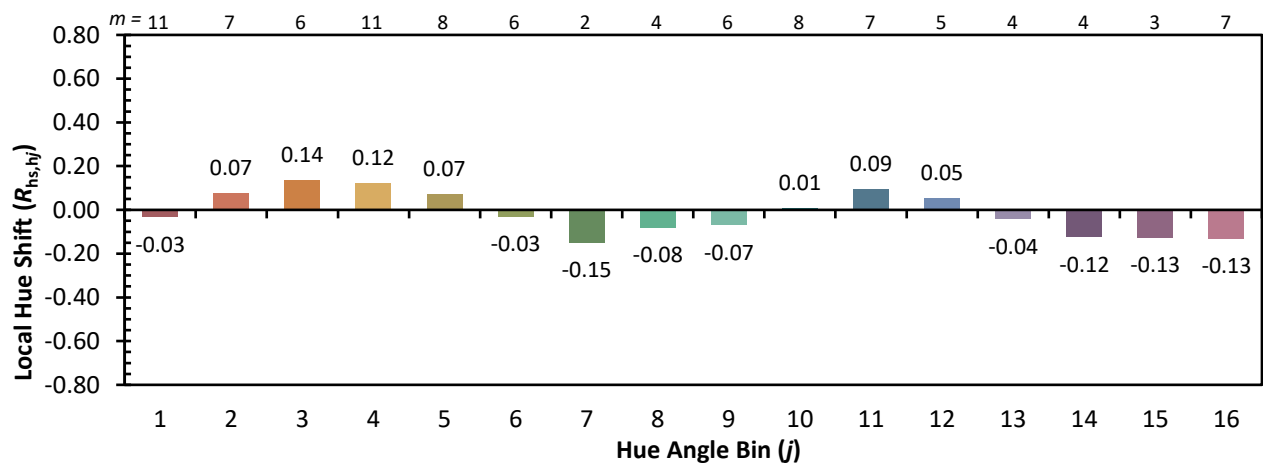
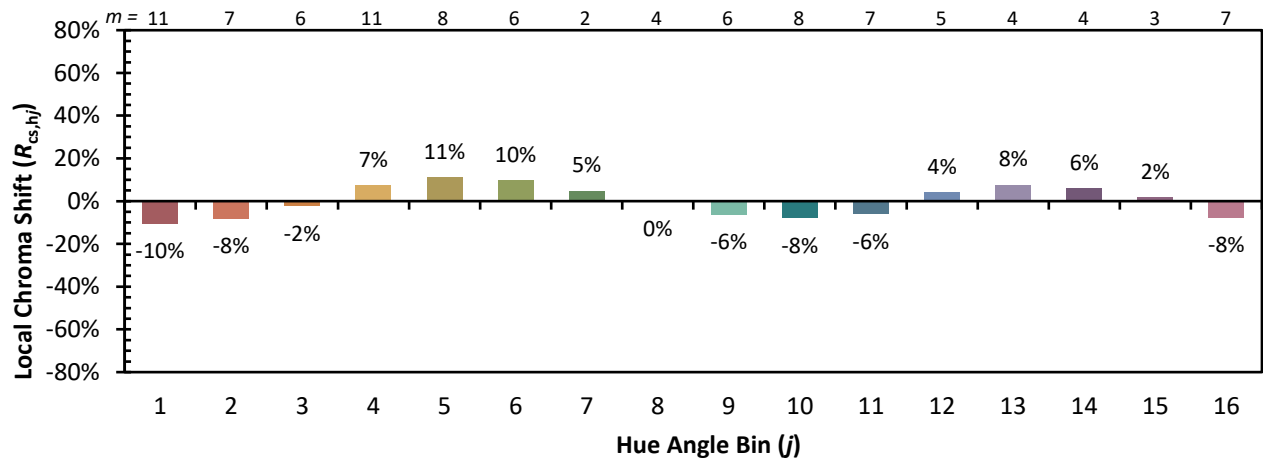


Individual Sample Fidelity Index ($R_{f,i}$)

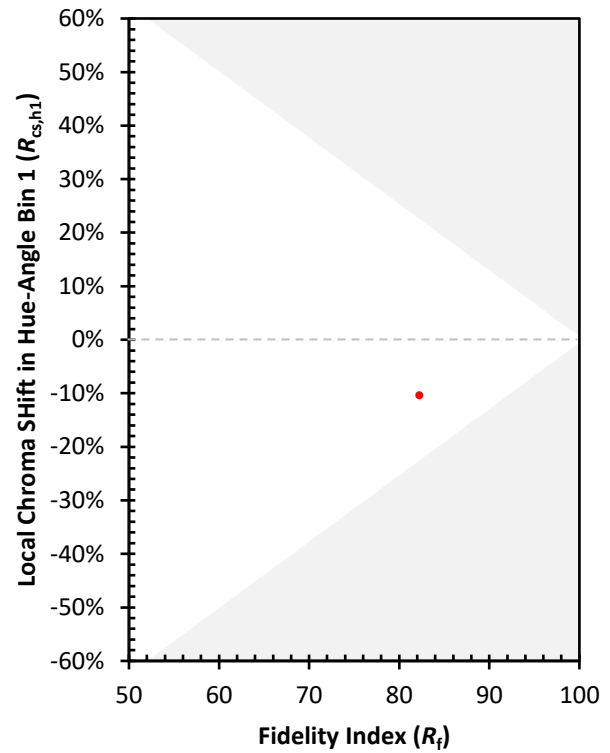
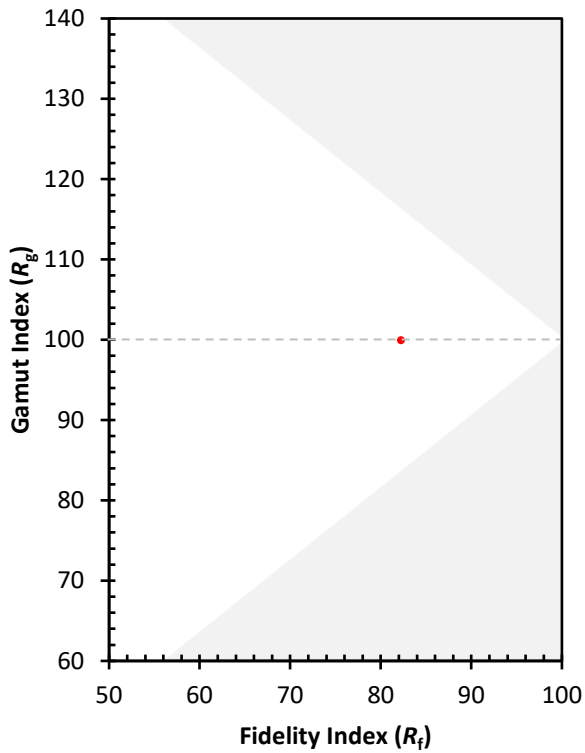
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)