

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: P1057590

Luminaire Tested: **GAP-SA1C-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057590
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1C-730-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 1xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5028.1 lumens
Efficiency: N/A
Efficacy: 101.8 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): 49.4
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

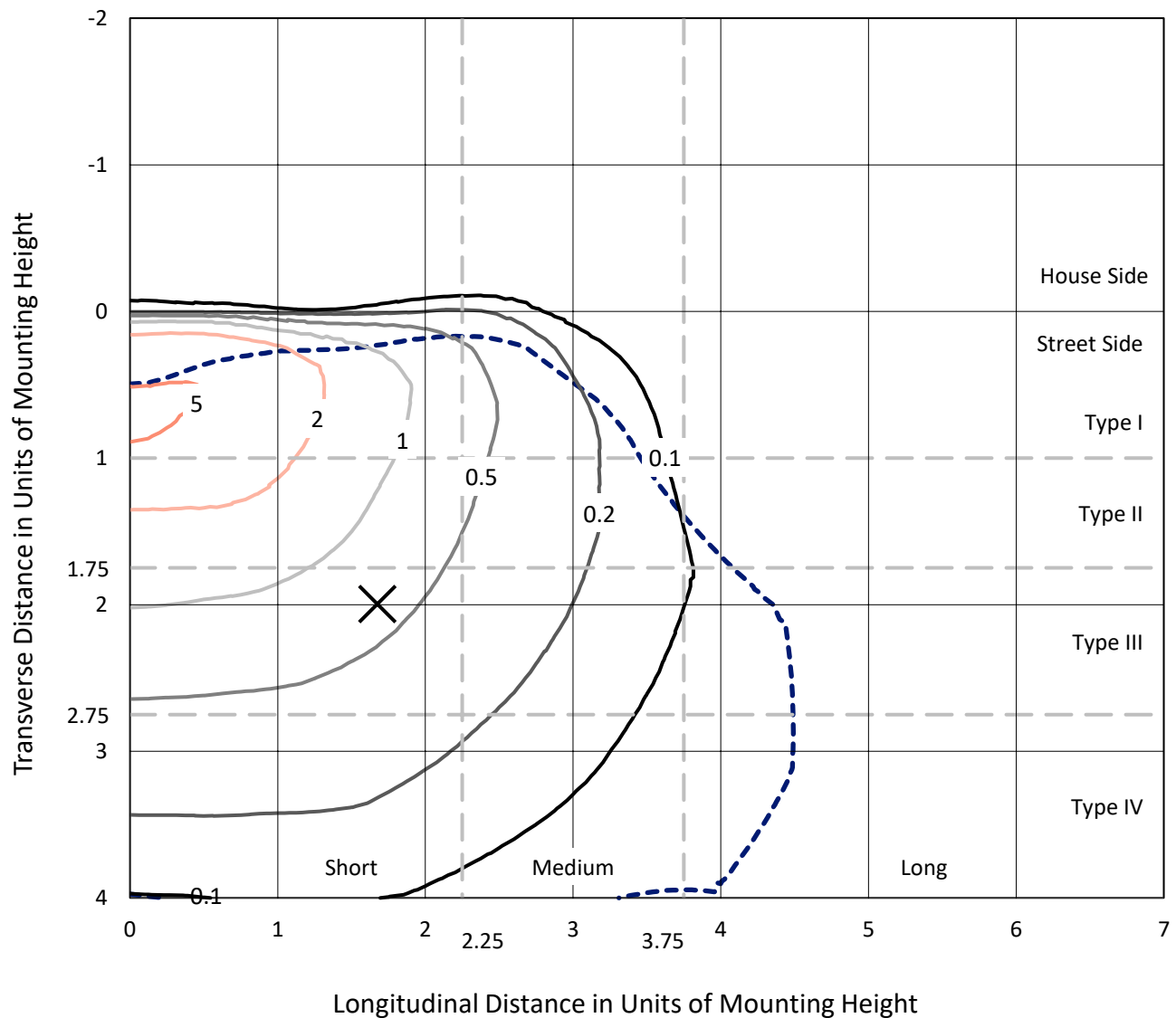


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

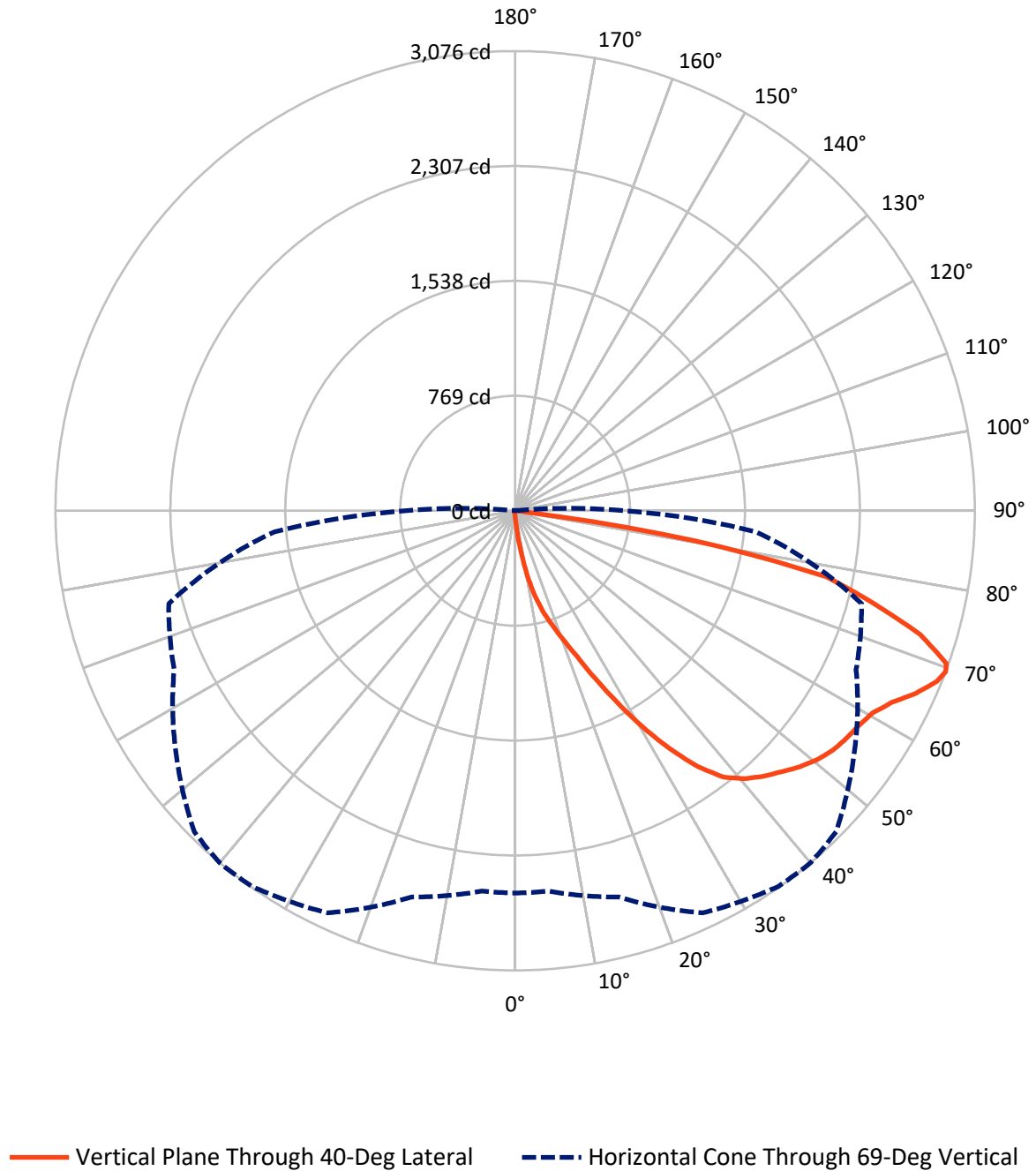


Based on 15 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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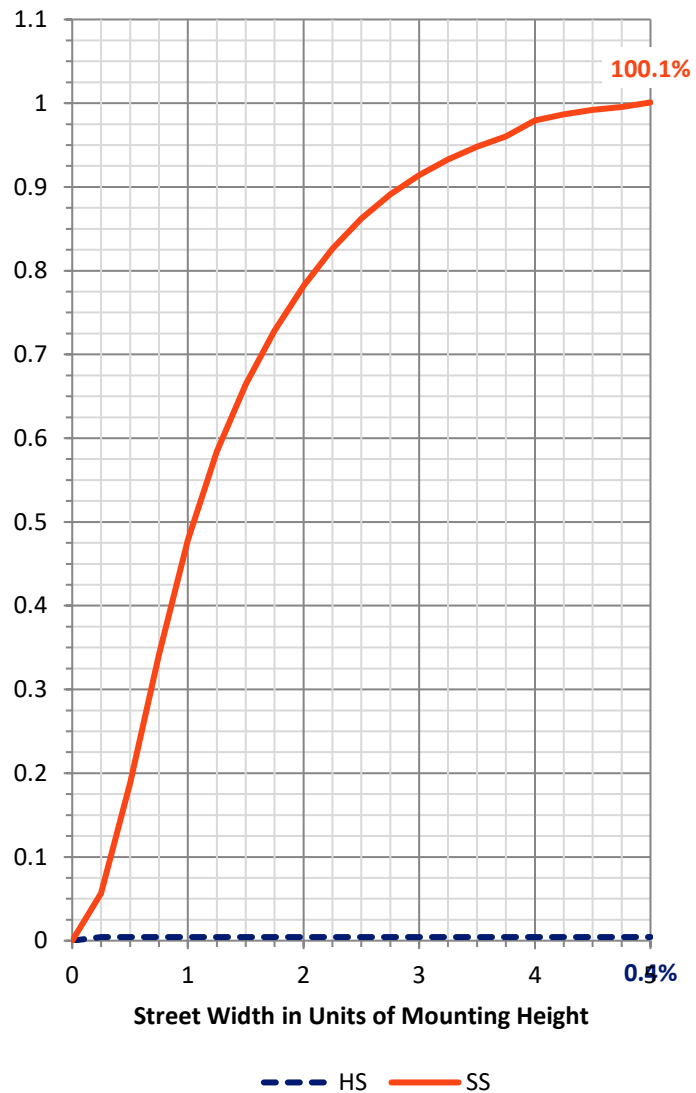
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.0	0.0	22.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5006.1	0.0	5006.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	5028.1	0.0	5028.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.6	0.2
10°-20°	80.3	1.6
20°-30°	241.8	4.8
30°-40°	532.5	10.6
40°-50°	818.3	16.3
50°-60°	1007.7	20.0
60°-70°	1272.2	25.3
70°-80°	978.6	19.5
80°-90°	86.0	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°	5028.1	100.0
0°-180°	5028.1	100.0



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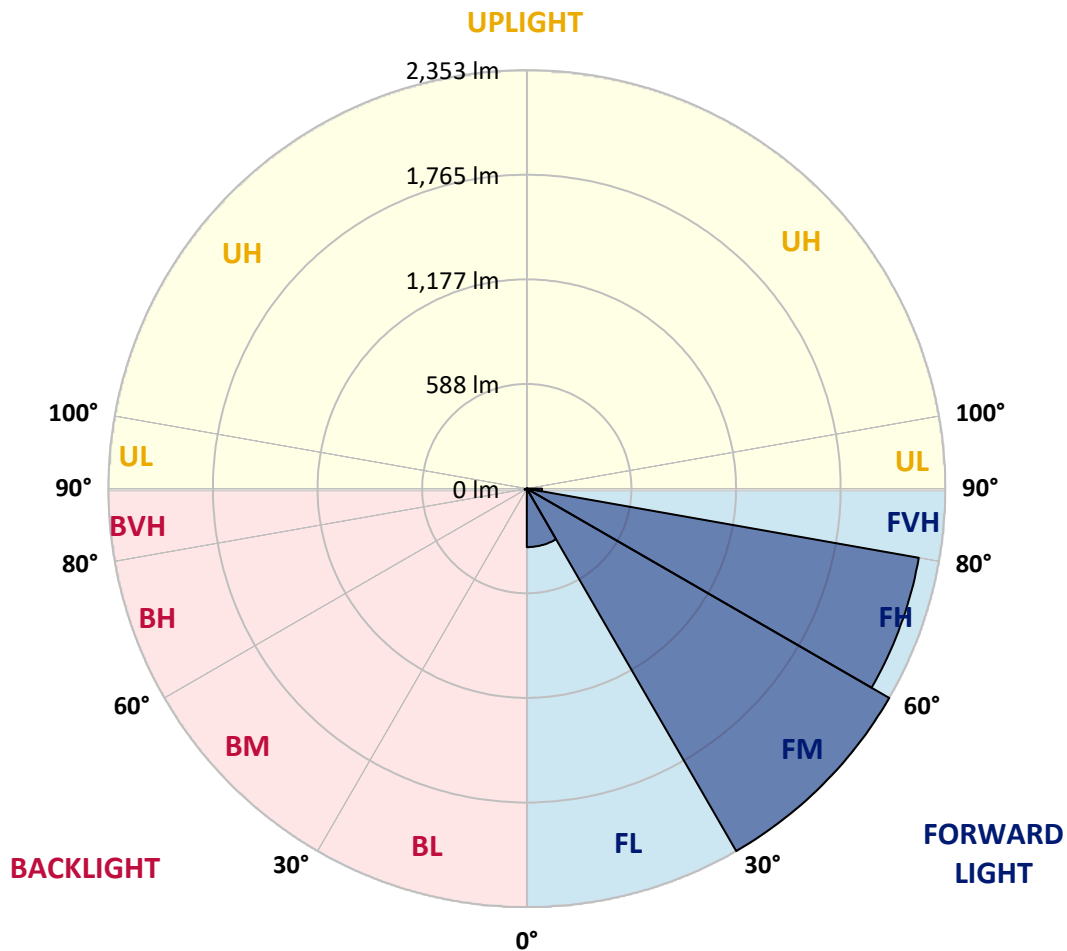
CATALOG NUMBER: GAP-SA1C-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	329.0	6.5			
FM	(30°-60°)	2353.2	46.8			
FH	(60°-80°)	2238.1	44.5			G2/5000
FVH	(80°-90°)	85.7	1.7			G1/100
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	5.4	0.1	B0/220		
BH	(60°-80°)	12.6	0.3	B0/110		G0/110
BVH	(80°-90°)	0.2	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°	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2.5°	82.1	81.1	77.3	72.6	68.8	66.0	62.2	56.6	50.9	44.3	39.6
5°	215.0	214.1	199.0	180.1	154.7	137.7	120.7	93.4	70.7	54.7	41.5
7.5°	398.0	395.2	381.0	351.8	298.0	268.8	237.7	166.9	108.5	67.9	44.3
10°	579.1	577.2	559.3	516.8	458.4	429.1	387.6	284.8	170.7	88.7	48.1
12.5°	685.7	690.4	677.2	657.4	607.4	580.0	532.9	414.0	262.2	121.7	52.8
15°	773.4	775.3	763.0	750.7	723.4	700.7	661.1	551.7	371.6	166.0	58.5
17.5°	881.8	879.0	865.8	851.6	821.5	804.5	779.0	679.1	488.5	229.2	66.0
20°	1019.5	1012.0	996.9	972.4	939.4	918.6	892.2	809.2	605.5	299.0	75.5
22.5°	1195.9	1186.5	1170.4	1147.8	1089.3	1057.2	1023.3	920.5	734.7	387.6	87.7
25°	1399.6	1394.9	1377.9	1345.8	1283.6	1241.2	1186.5	1050.6	863.0	481.9	102.8
27.5°	1639.2	1630.7	1608.0	1570.3	1503.4	1447.7	1379.8	1194.0	985.6	581.9	121.7
30°	1907.0	1888.1	1841.9	1808.9	1730.6	1675.9	1596.7	1384.5	1112.0	686.6	141.5
32.5°	2156.0	2131.5	2064.5	2019.2	1946.6	1897.6	1825.0	1576.9	1254.4	796.0	166.9
35°	2381.4	2355.0	2246.5	2177.7	2140.9	2099.4	2025.8	1796.7	1408.1	913.0	196.2
37.5°	2571.9	2545.5	2405.9	2297.5	2274.8	2260.7	2201.3	1982.5	1582.6	1045.0	230.1
40°	2678.5	2661.5	2540.8	2418.2	2374.8	2357.8	2314.4	2138.1	1776.9	1177.0	269.7
42.5°	2711.5	2701.1	2603.0	2542.7	2463.5	2429.5	2377.6	2256.9	1943.8	1325.1	315.0
45°	2693.6	2682.3	2610.6	2624.7	2558.7	2492.7	2422.0	2338.0	2084.3	1499.6	371.6
47.5°	2617.2	2613.4	2564.4	2644.5	2637.0	2561.5	2473.8	2391.8	2205.0	1668.4	442.3
50°	2430.4	2428.6	2451.2	2617.2	2688.9	2618.1	2530.4	2439.9	2301.2	1837.2	532.9
52.5°	2178.6	2191.8	2306.0	2566.3	2704.0	2662.5	2587.0	2494.6	2380.5	2006.0	654.5
55°	2045.7	2057.0	2206.9	2510.6	2701.1	2688.9	2644.5	2547.4	2453.1	2144.7	816.8
57.5°	2146.6	2134.3	2203.2	2503.1	2688.9	2711.5	2686.0	2588.9	2519.1	2267.3	1041.2
60°	2338.0	2334.2	2342.7	2556.8	2714.3	2748.3	2730.4	2617.2	2584.2	2360.7	1288.3
62.5°	2531.4	2521.0	2529.5	2704.9	2803.0	2826.6	2804.9	2663.4	2635.1	2428.6	1556.2
65°	2627.6	2620.0	2659.6	2853.9	2929.4	2945.4	2917.1	2737.9	2643.6	2463.5	1725.0
67.5°	2615.3	2613.4	2705.8	2958.6	3035.0	3044.4	3020.8	2812.4	2607.8	2462.5	1742.9
69°	2557.8	2554.0	2675.7	2969.0	3068.9	3075.5	3036.9	2774.7	2517.2	2399.3	1615.6
70°	2489.9	2493.6	2631.3	2950.1	3069.9	3060.5	2970.9	2720.9	2448.4	2326.7	1453.4
72.5°	2237.1	2260.7	2449.3	2826.6	2940.7	2835.1	2718.1	2544.6	2317.3	1983.4	1014.8
75°	1871.2	1904.2	2147.5	2570.0	2528.5	2475.7	2461.6	2329.5	2099.4	1317.6	721.5
77.5°	914.8	1024.2	1524.1	1974.0	2074.9	2128.6	2108.8	1925.9	1687.3	647.0	470.6
80°	48.1	50.0	80.2	188.6	961.1	1222.3	1503.4	1470.3	1277.0	295.2	248.0
82.5°	25.5	25.5	28.3	33.0	38.7	46.2	122.6	842.2	759.2	151.8	92.4
85°	14.1	14.1	17.0	22.6	29.2	34.0	38.7	50.9	163.2	54.7	15.1
87.5°	6.6	8.5	11.3	16.0	20.7	26.4	30.2	37.7	48.1	46.2	2.8
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: GAP-SA1C-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2.5°	36.8	34.9	32.1	30.2	29.2	27.4	25.5	24.5	23.6	22.6	23.6
5°	36.8	34.0	29.2	26.4	24.5	21.7	19.8	18.9	17.9	17.0	17.0
7.5°	36.8	32.1	26.4	22.6	19.8	17.9	15.1	14.1	13.2	12.3	12.3
10°	37.7	30.2	23.6	19.8	17.0	14.1	12.3	10.4	9.4	9.4	9.4
12.5°	37.7	28.3	20.7	17.0	14.1	11.3	8.5	6.6	5.7	5.7	5.7
15°	37.7	26.4	18.9	14.1	11.3	8.5	4.7	2.8	1.9	1.9	0.9
17.5°	38.7	25.5	17.0	12.3	8.5	4.7	0.9	0.0	0.0	0.0	0.0
20°	40.6	24.5	15.1	10.4	5.7	1.9	0.0	0.0	0.0	0.0	0.0
22.5°	42.4	23.6	13.2	7.5	2.8	0.9	0.0	0.0	0.0	0.0	0.0
25°	46.2	23.6	12.3	6.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	50.0	23.6	9.4	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
30°	52.8	23.6	8.5	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	56.6	23.6	7.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	59.4	22.6	5.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	62.2	21.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	66.0	20.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	69.8	18.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	74.5	17.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	81.1	17.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	90.5	17.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	106.6	17.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	133.0	17.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	179.2	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	269.7	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	416.9	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	637.6	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	808.3	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	730.0	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	618.7	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	344.2	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	179.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	76.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	22.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	7.5	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.8	1.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	0.9	0.9	0.9	0.9	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: SP1-2407-184-4

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

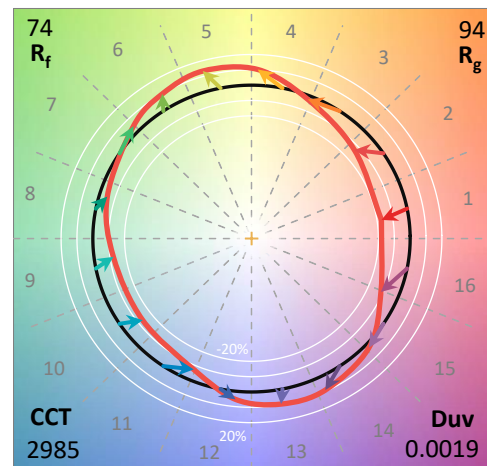
Test Information

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

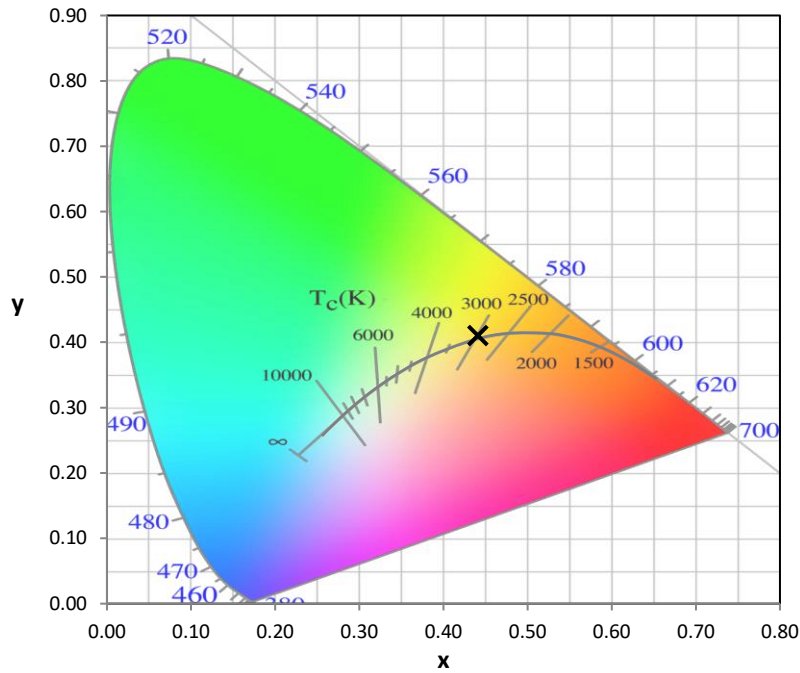
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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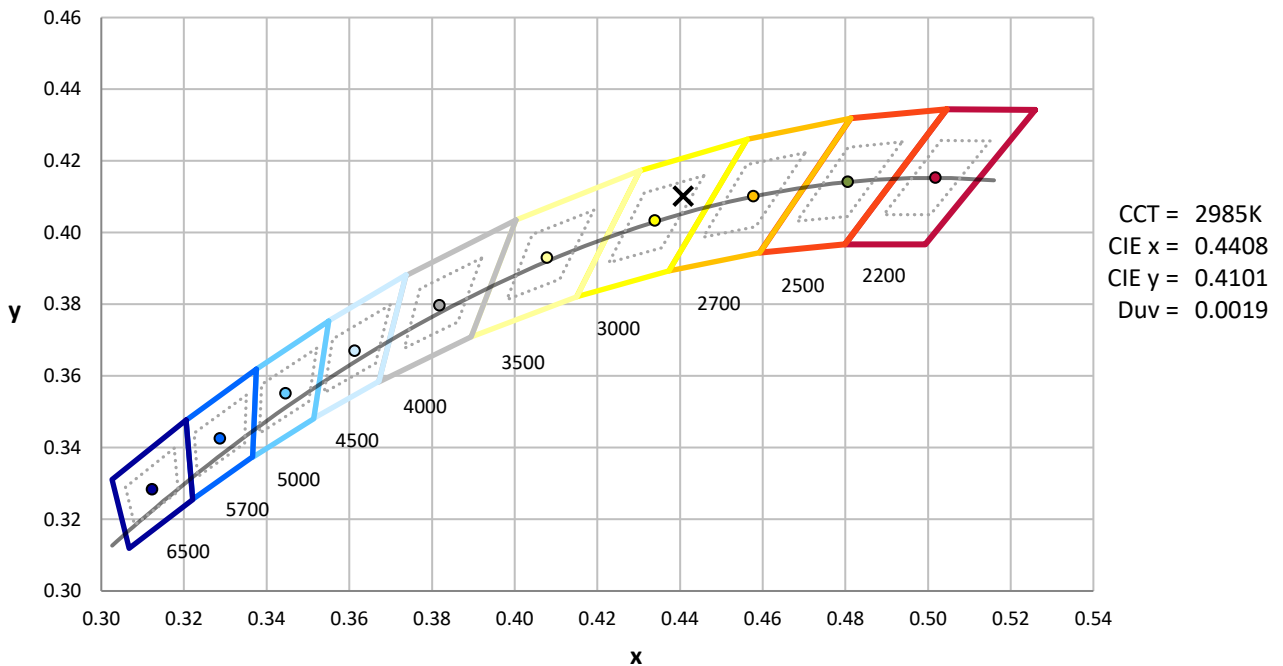
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



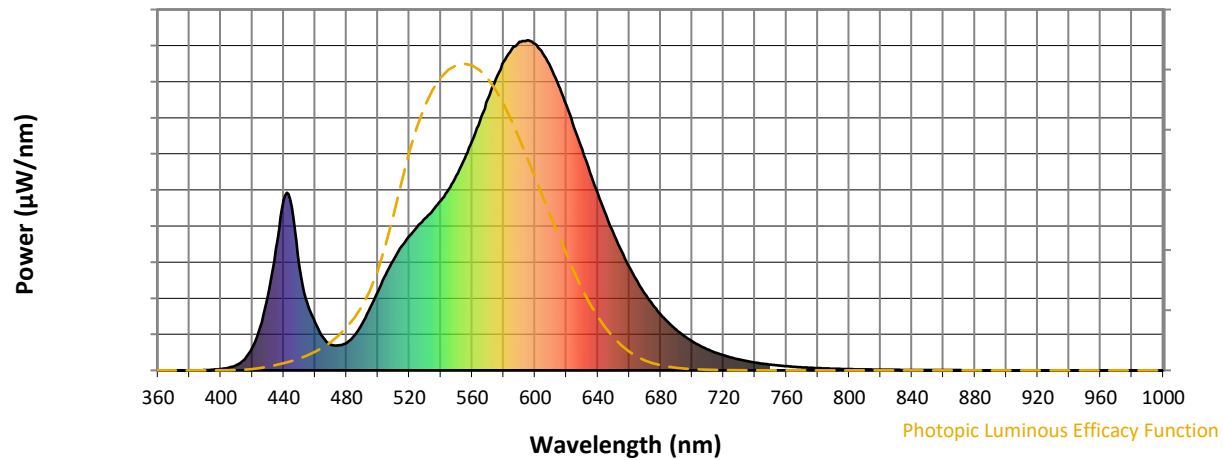
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

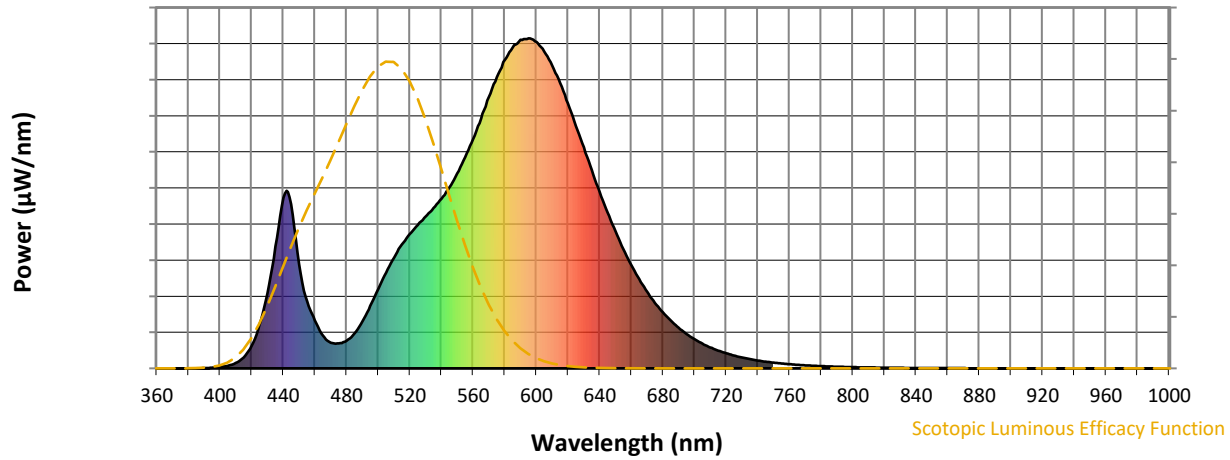


Photopic Lumens: NR

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



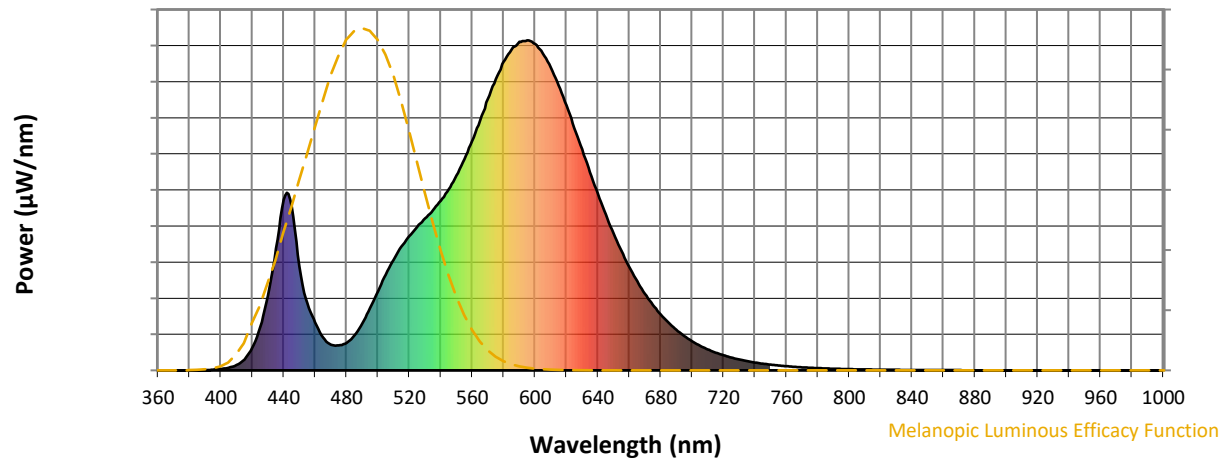
Scotopic Lumens: NR

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

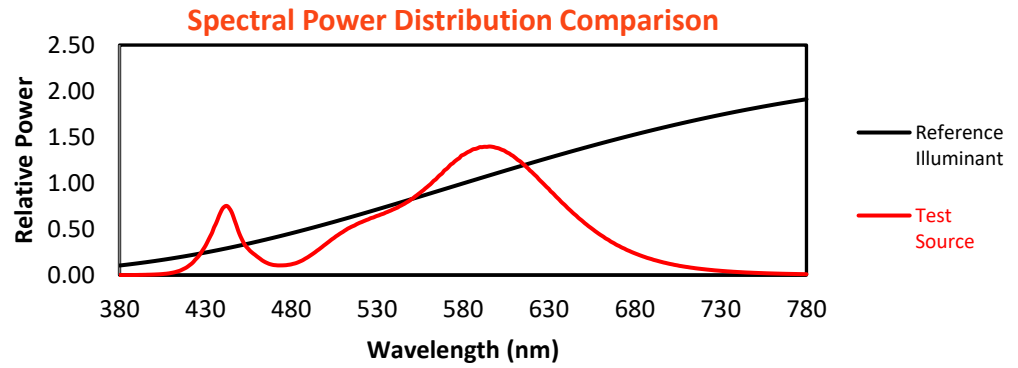
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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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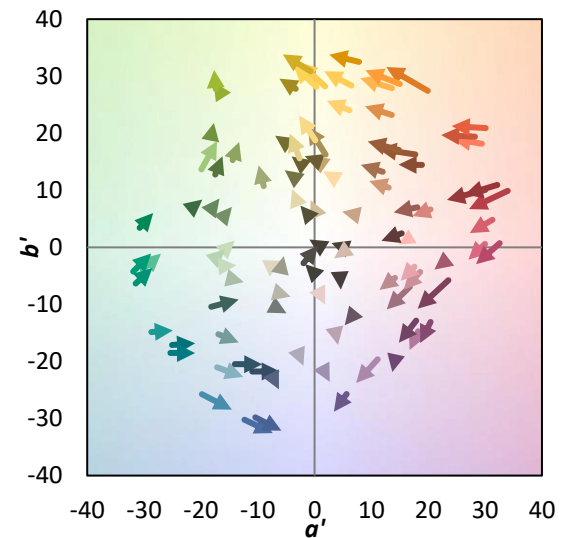
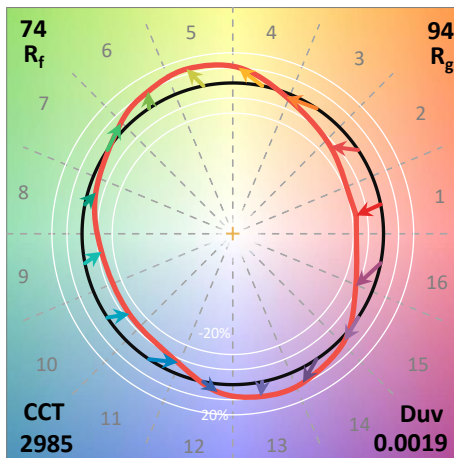
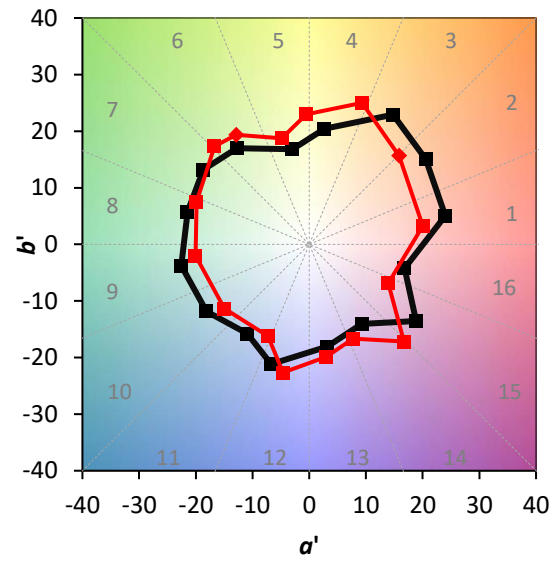
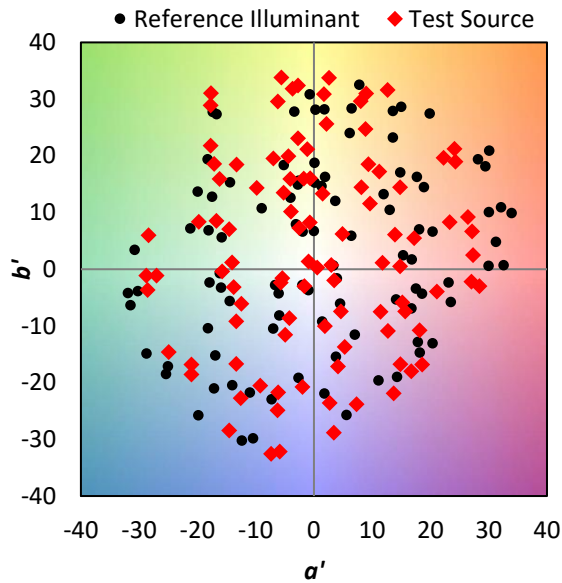
TM-30-18

Summary

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

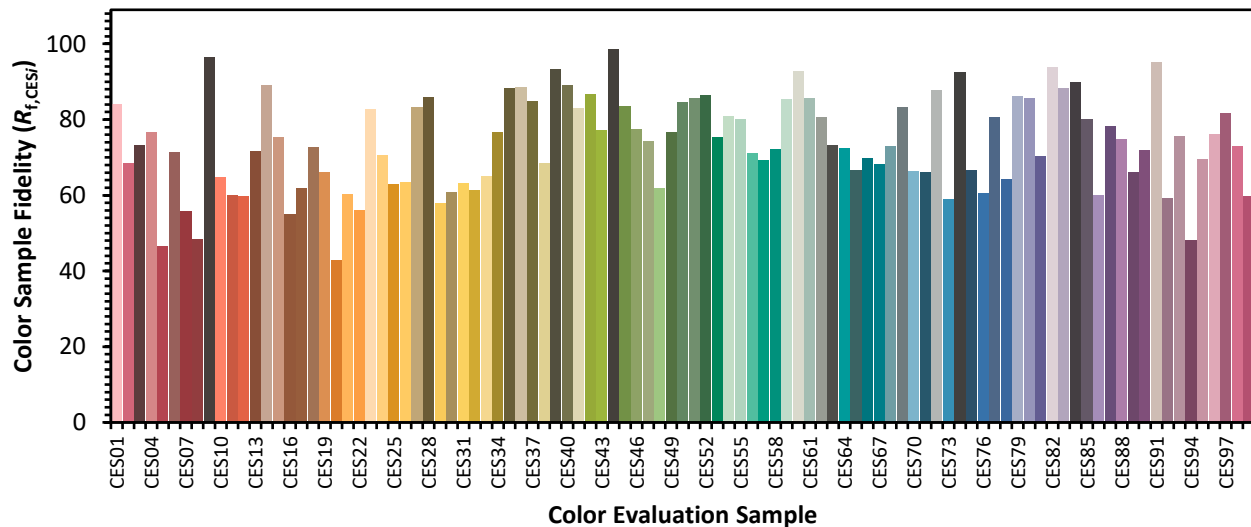


Color Vector Graphics

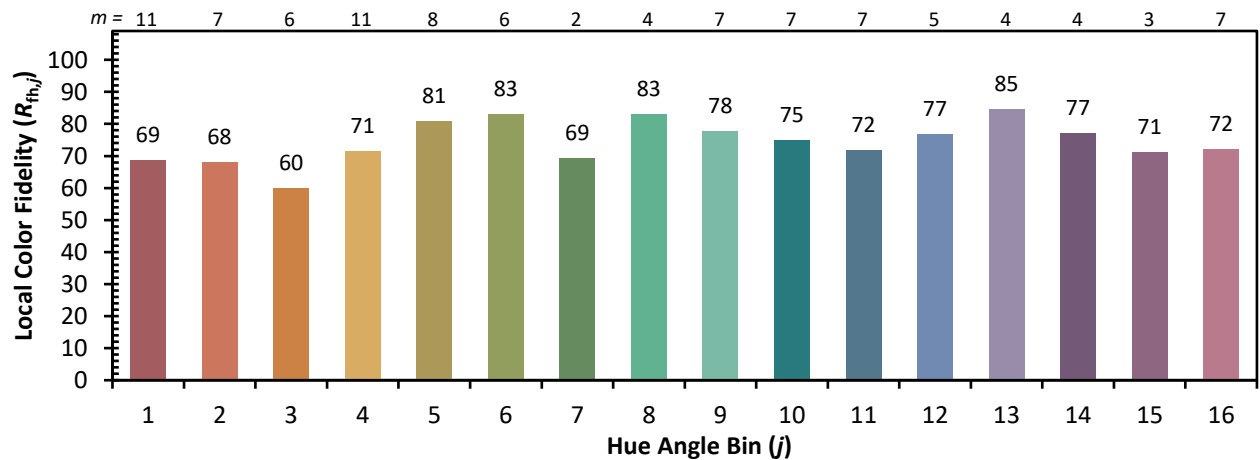
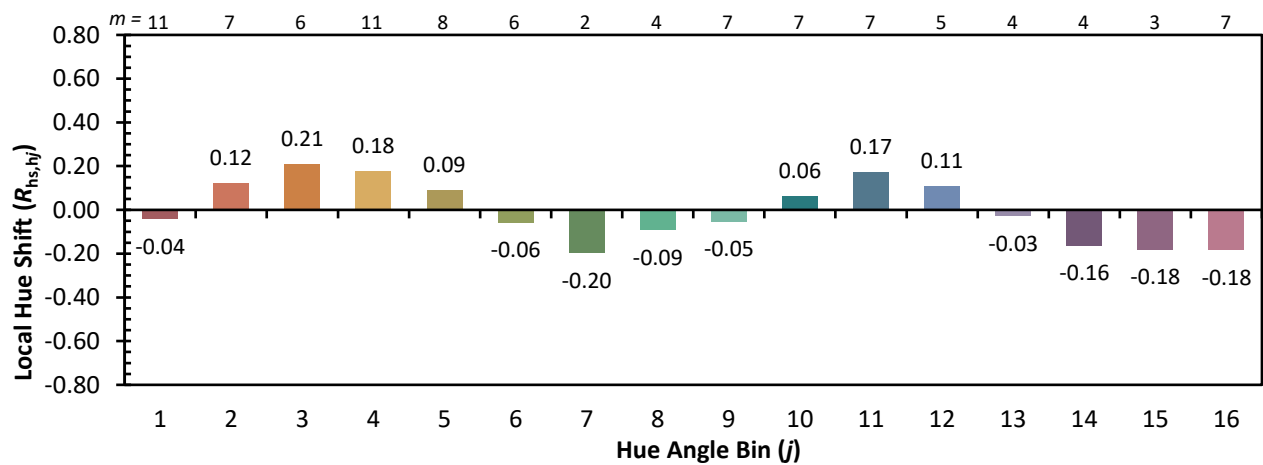
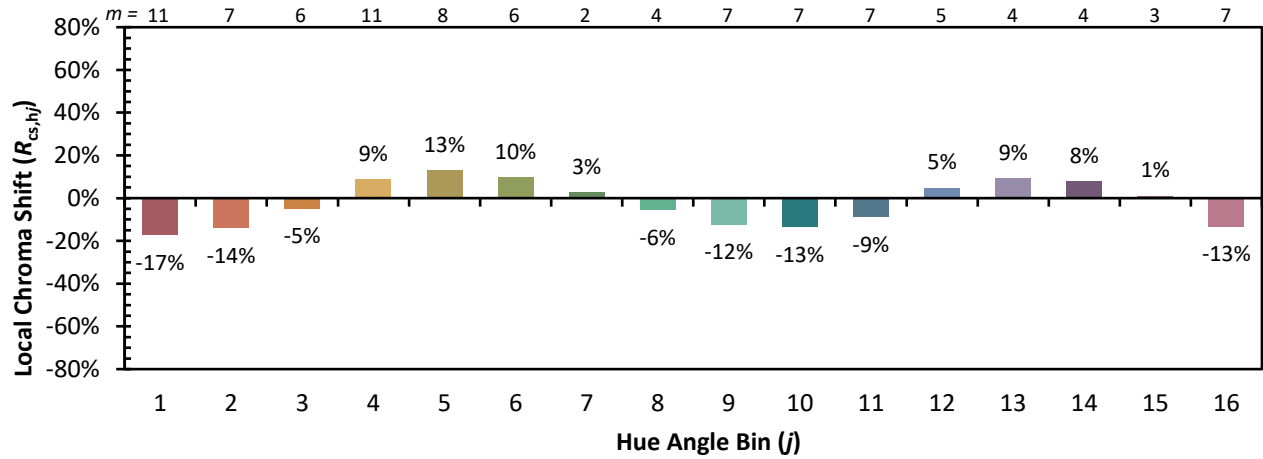


Individual Sample Fidelity Index ($R_{f,i}$)

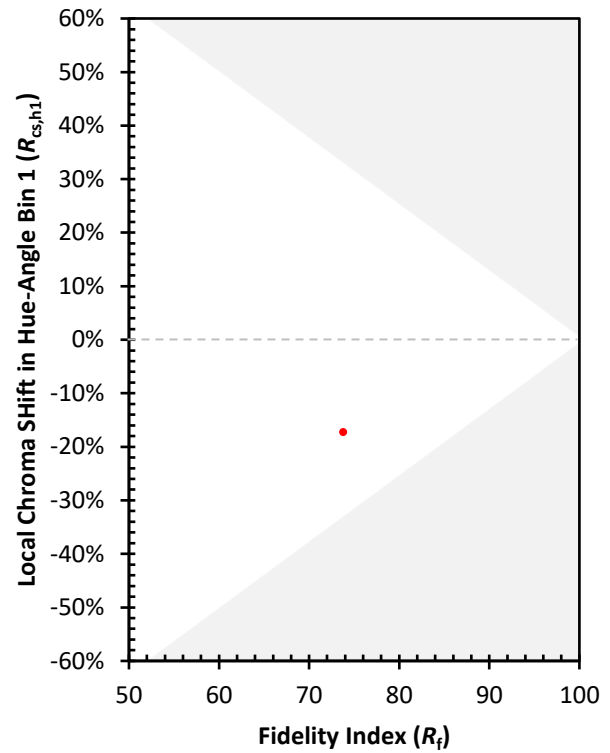
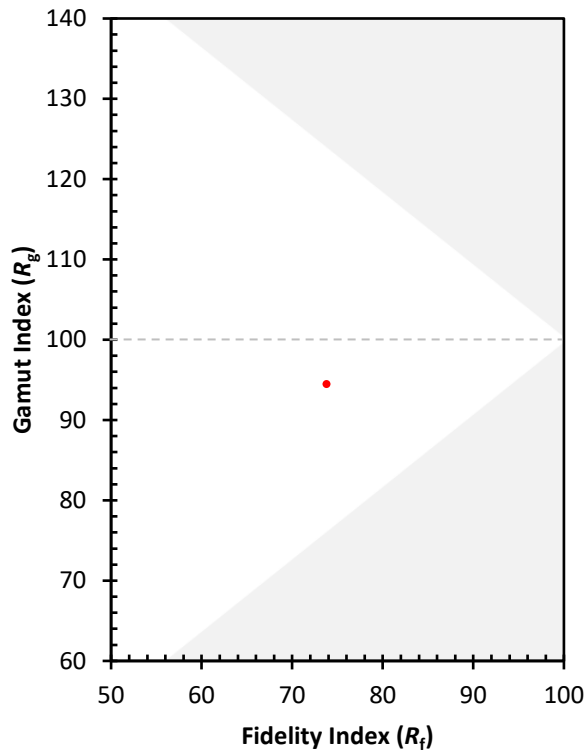
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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