

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: P991199

Luminaire Tested: **GPC-SA2A-750-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991199
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2A-750-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 2xLight Square PACKAGE 70CRI
5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6829.3 lumens
Efficiency: N/A
Efficacy: 122.8 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): 55.6
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

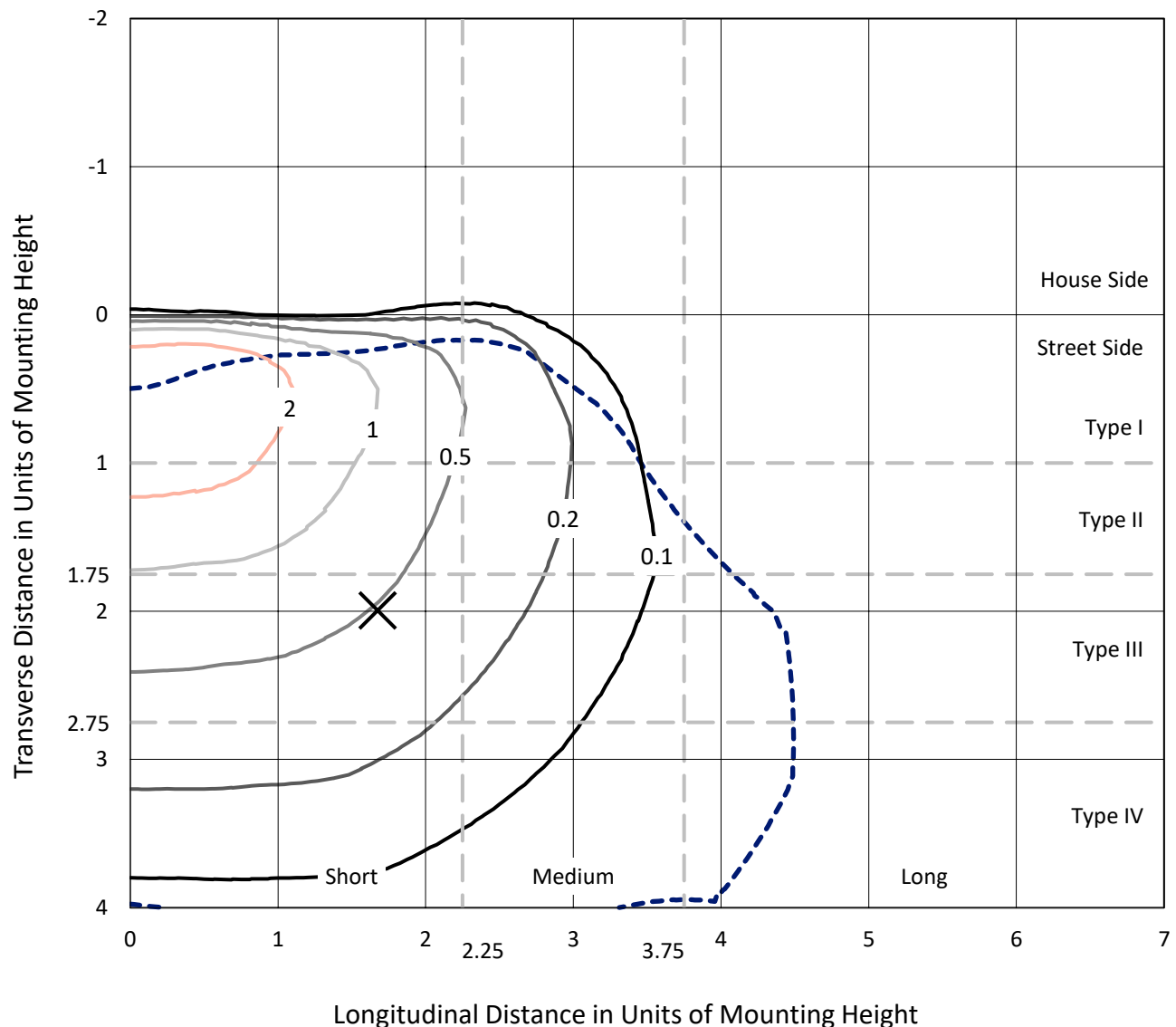


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Iso-Footcandle Lines of Horizontal Illumination

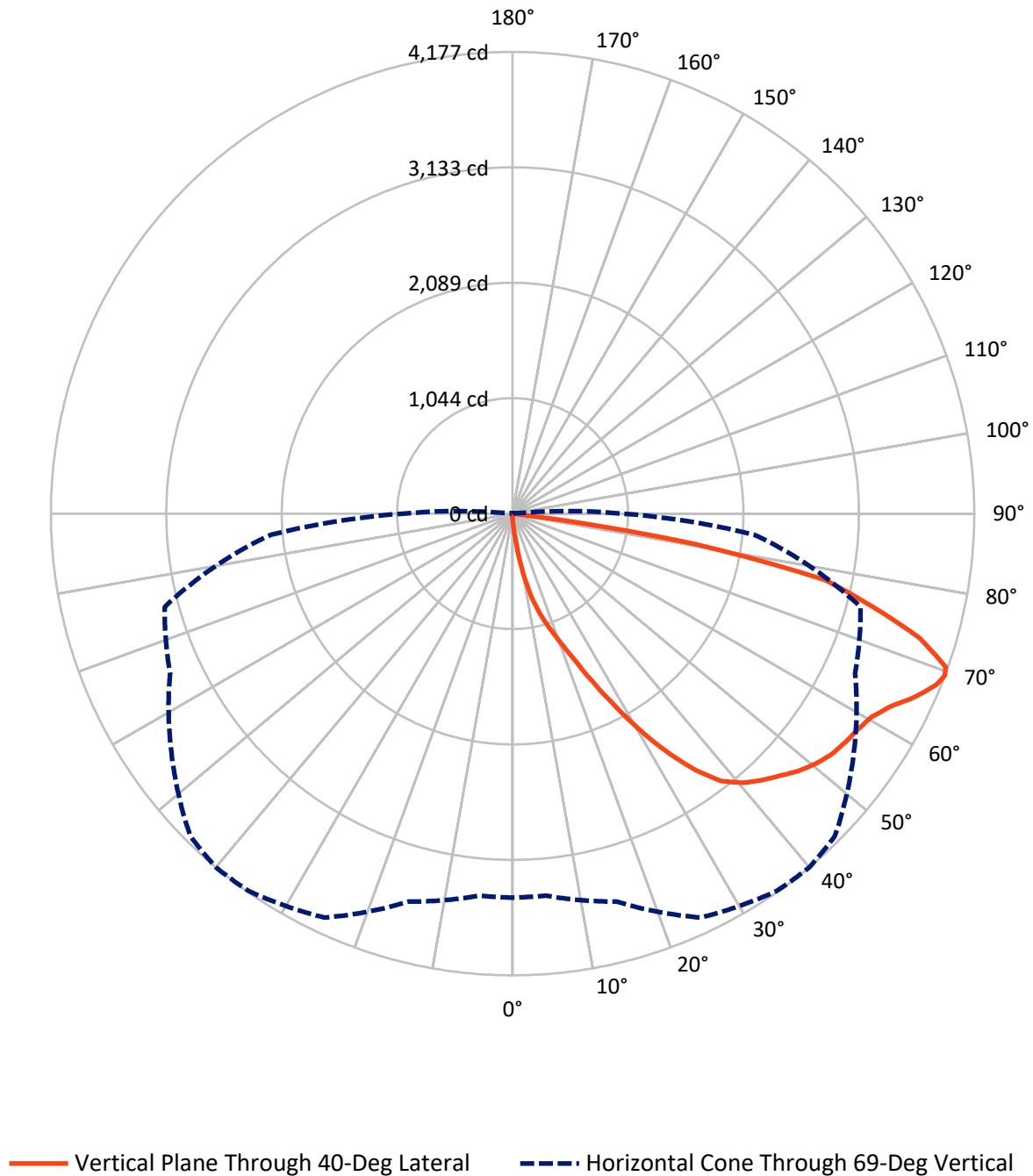
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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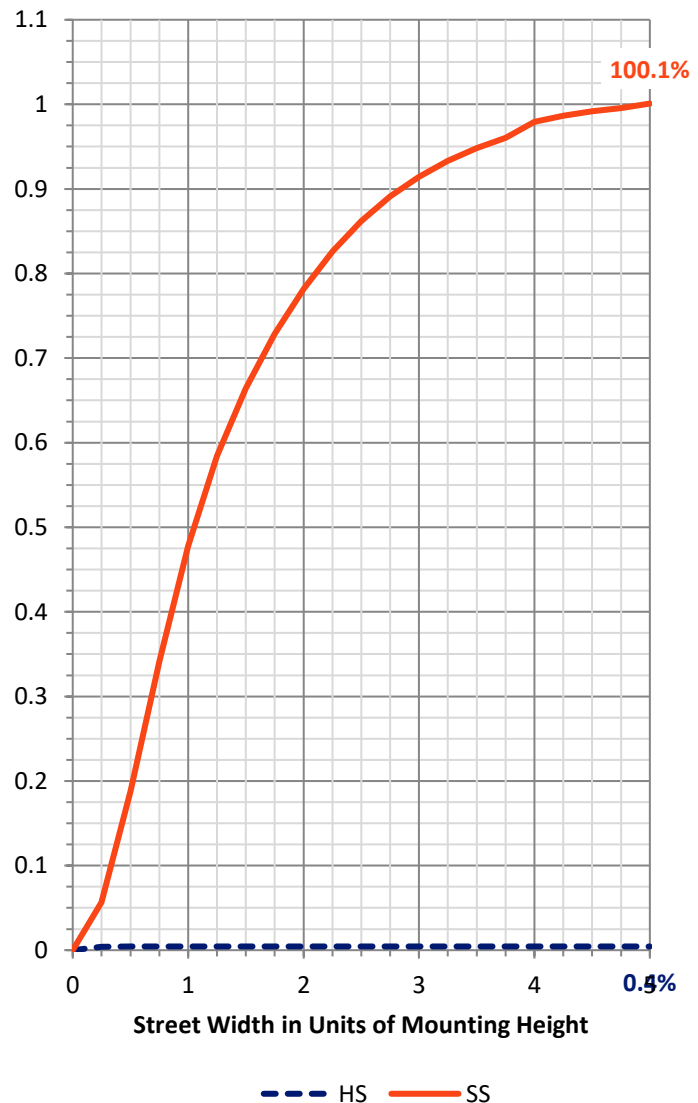
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	29.9	0.0	29.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6799.4	0.0	6799.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	6829.3	0.0	6829.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.4	0.2
10°-20°	109.1	1.6
20°-30°	328.5	4.8
30°-40°	723.3	10.6
40°-50°	1111.5	16.3
50°-60°	1368.7	20.0
60°-70°	1727.9	25.3
70°-80°	1329.1	19.5
80°-90°	116.8	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°	6829.3	100.0
0°-180°	6829.3	100.0



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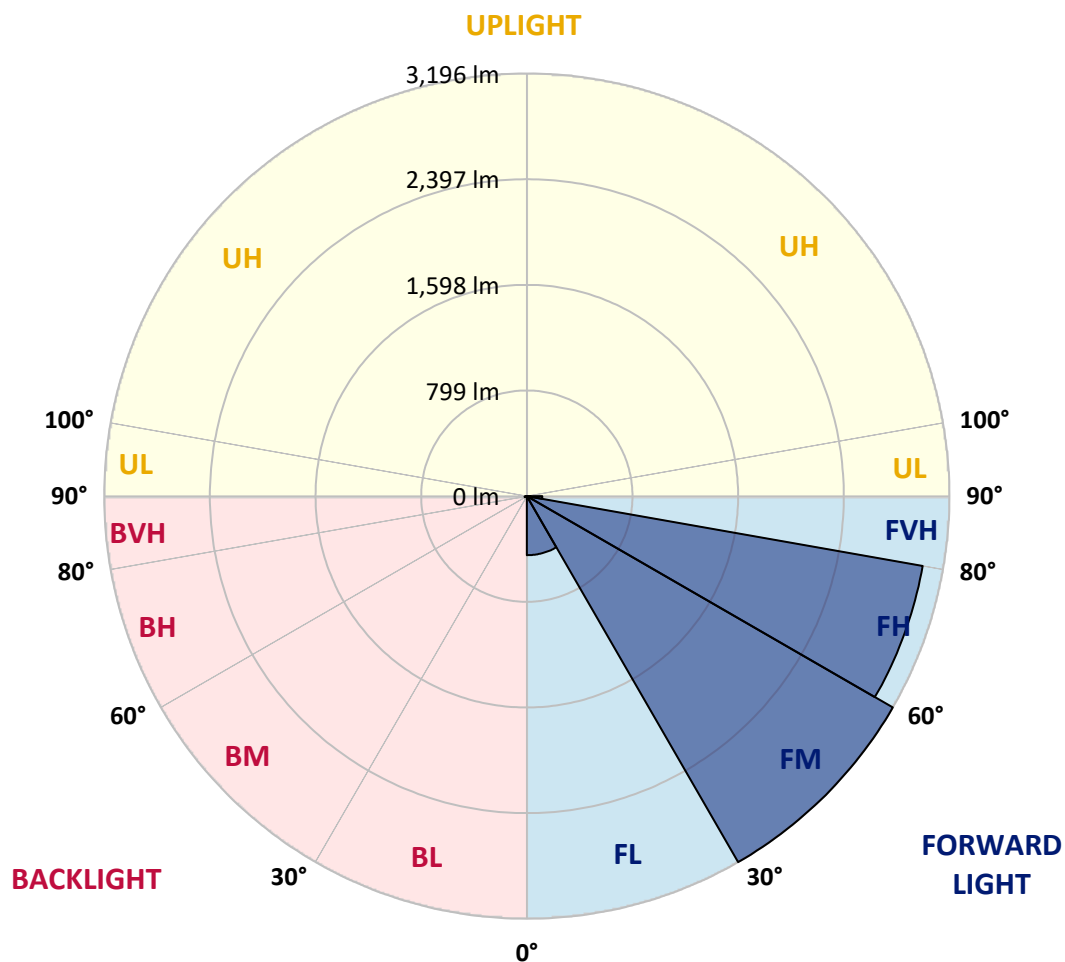
CATALOG NUMBER: GPC-SA2A-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	446.9	6.5			
FM	(30°-60°)	3196.1	46.8			
FH	(60°-80°)	3039.9	44.5			G2/5000
FVH	(80°-90°)	116.5	1.7			G2/225
BL	(0°-30°)	5.1	0.1	B0/110		
BM	(30°-60°)	7.3	0.1	B0/220		
BH	(60°-80°)	17.2	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°	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2.5°	111.4	110.2	105.0	98.6	93.5	89.7	84.5	76.9	69.2	60.2	53.8
5°	292.1	290.8	270.3	244.7	210.1	187.0	164.0	126.8	96.1	74.3	56.4
7.5°	540.6	536.7	517.5	477.8	404.8	365.1	322.8	226.7	147.3	92.2	60.2
10°	786.5	784.0	759.6	702.0	622.6	582.8	526.5	386.9	231.9	120.4	65.3
12.5°	931.3	937.7	919.7	892.8	824.9	787.8	723.7	562.3	356.1	165.2	71.7
15°	1050.4	1053.0	1036.3	1019.7	982.5	951.8	898.0	749.4	504.7	225.5	79.4
17.5°	1197.7	1193.9	1175.9	1156.7	1115.7	1092.7	1058.1	922.3	663.5	311.3	89.7
20°	1384.7	1374.5	1354.0	1320.7	1275.8	1247.7	1211.8	1099.1	822.4	406.1	102.5
22.5°	1624.3	1611.5	1589.7	1558.9	1479.5	1436.0	1389.9	1250.2	997.9	526.5	119.1
25°	1901.0	1894.6	1871.5	1827.9	1743.4	1685.8	1611.5	1427.0	1172.1	654.6	139.6
27.5°	2226.3	2214.8	2184.1	2132.8	2041.9	1966.3	1874.1	1621.7	1338.6	790.4	165.2
30°	2590.1	2564.5	2501.7	2456.9	2350.6	2276.3	2168.7	1880.5	1510.3	932.5	192.1
32.5°	2928.3	2895.0	2804.0	2742.6	2643.9	2577.3	2478.7	2141.8	1703.7	1081.1	226.7
35°	3234.5	3198.6	3051.3	2957.8	2907.8	2851.4	2751.5	2440.3	1912.5	1240.0	266.4
37.5°	3493.2	3457.3	3267.8	3120.4	3089.7	3070.5	2989.8	2692.6	2149.5	1419.3	312.6
40°	3638.0	3614.9	3450.9	3284.4	3225.5	3202.4	3143.5	2904.0	2413.4	1598.7	366.4
42.5°	3682.8	3668.7	3535.5	3453.5	3345.9	3299.8	3229.3	3065.4	2640.1	1799.8	427.8
45°	3658.5	3643.1	3545.7	3564.9	3475.3	3385.6	3289.5	3175.5	2830.9	2036.7	504.7
47.5°	3554.7	3549.6	3483.0	3591.8	3581.6	3479.1	3360.0	3248.5	2994.9	2266.0	600.8
50°	3301.1	3298.5	3329.2	3554.7	3652.1	3556.0	3436.9	3313.9	3125.6	2495.3	723.7
52.5°	2959.0	2977.0	3132.0	3485.5	3672.5	3616.2	3513.7	3388.2	3233.2	2724.6	889.0
55°	2778.4	2793.8	2997.5	3409.9	3668.7	3652.1	3591.8	3459.9	3331.8	2912.9	1109.3
57.5°	2915.5	2898.8	2992.4	3399.7	3652.1	3682.8	3648.2	3516.3	3421.5	3079.5	1414.2
60°	3175.5	3170.4	3181.9	3472.7	3686.6	3732.8	3708.4	3554.7	3509.9	3206.3	1749.8
62.5°	3438.1	3424.0	3435.6	3673.8	3807.1	3839.1	3809.6	3617.5	3579.0	3298.5	2113.6
65°	3568.8	3558.5	3612.3	3876.2	3978.7	4000.5	3962.0	3718.7	3590.6	3345.9	2342.9
67.5°	3552.1	3549.6	3675.1	4018.4	4122.2	4135.0	4103.0	3819.9	3541.9	3344.6	2367.2
69°	3474.0	3468.9	3634.1	4032.5	4168.3	4177.3	4124.7	3768.6	3418.9	3258.8	2194.3
70°	3381.8	3386.9	3573.9	4006.9	4169.6	4156.8	4035.1	3695.6	3325.4	3160.2	1974.0
72.5°	3038.5	3070.5	3326.7	3839.1	3994.1	3850.6	3691.8	3456.1	3147.4	2693.9	1378.3
75°	2541.5	2586.3	2916.8	3490.7	3434.3	3362.6	3343.3	3164.0	2851.4	1789.5	979.9
77.5°	1242.5	1391.1	2070.1	2681.1	2818.1	2891.2	2864.3	2615.7	2291.7	878.7	639.2
80°	65.3	67.9	108.9	256.2	1305.3	1660.1	2041.9	1997.0	1734.4	400.9	336.9
82.5°	34.6	34.6	38.4	44.8	52.5	62.8	166.5	1143.9	1031.2	206.2	125.5
85°	19.2	19.2	23.1	30.7	39.7	46.1	52.5	69.2	221.6	74.3	20.5
87.5°	9.0	11.5	15.4	21.8	28.2	35.9	41.0	51.2	65.3	62.8	3.8
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: GPC-SA2A-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2.5°	50.0	47.4	43.6	41.0	39.7	37.1	34.6	33.3	32.0	30.7	32.0
5°	50.0	46.1	39.7	35.9	33.3	29.5	26.9	25.6	24.3	23.1	23.1
7.5°	50.0	43.6	35.9	30.7	26.9	24.3	20.5	19.2	17.9	16.7	16.7
10°	51.2	41.0	32.0	26.9	23.1	19.2	16.7	14.1	12.8	12.8	12.8
12.5°	51.2	38.4	28.2	23.1	19.2	15.4	11.5	9.0	7.7	7.7	7.7
15°	51.2	35.9	25.6	19.2	15.4	11.5	6.4	3.8	2.6	2.6	1.3
17.5°	52.5	34.6	23.1	16.7	11.5	6.4	1.3	0.0	0.0	0.0	0.0
20°	55.1	33.3	20.5	14.1	7.7	2.6	0.0	0.0	0.0	0.0	0.0
22.5°	57.6	32.0	17.9	10.2	3.8	1.3	0.0	0.0	0.0	0.0	0.0
25°	62.8	32.0	16.7	9.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	67.9	32.0	12.8	5.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	71.7	32.0	11.5	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	76.9	32.0	10.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	80.7	30.7	7.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	84.5	29.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	89.7	28.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	94.8	25.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	101.2	24.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	110.2	23.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	123.0	23.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	144.7	23.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	180.6	23.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	243.4	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	366.4	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	566.2	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	865.9	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1097.8	37.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	991.5	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	840.3	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	467.6	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	243.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	103.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.2	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.8	2.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	1.3	1.3	1.3	1.3	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

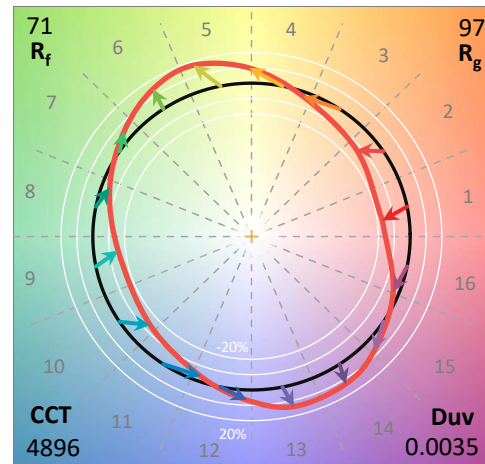
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

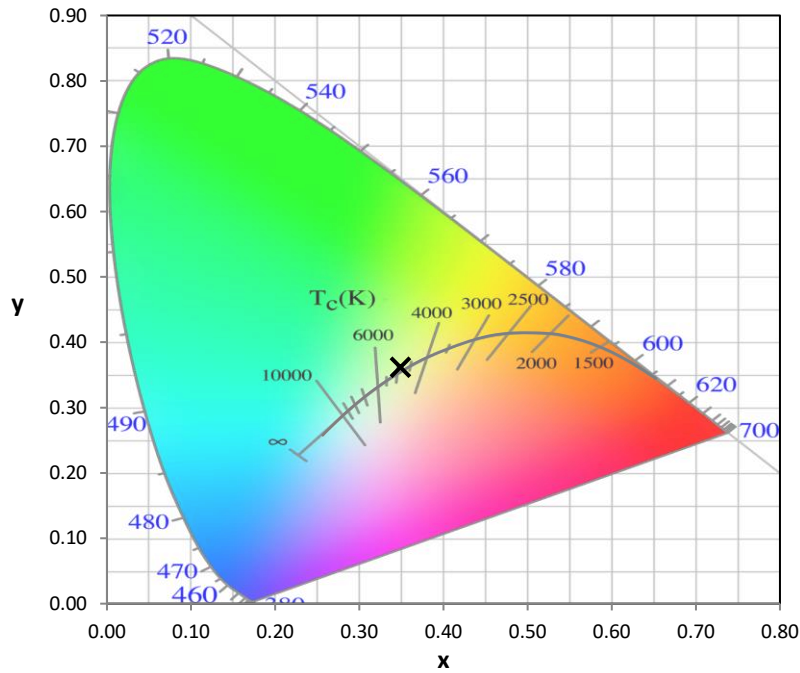
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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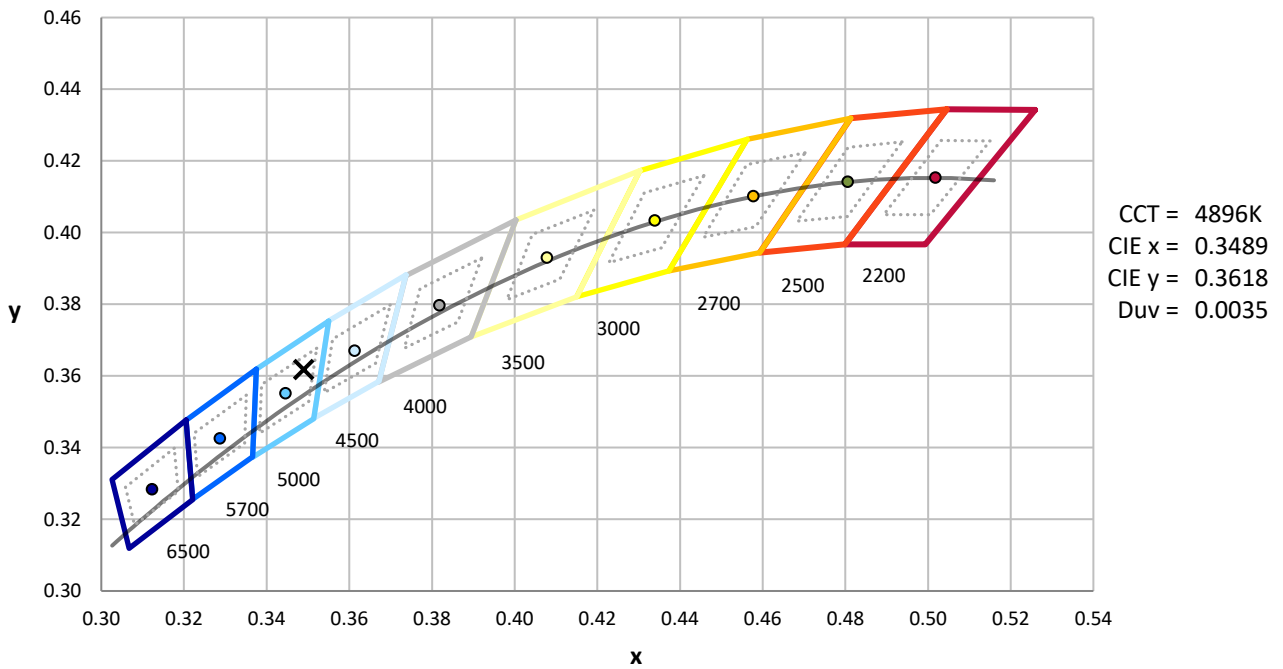
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



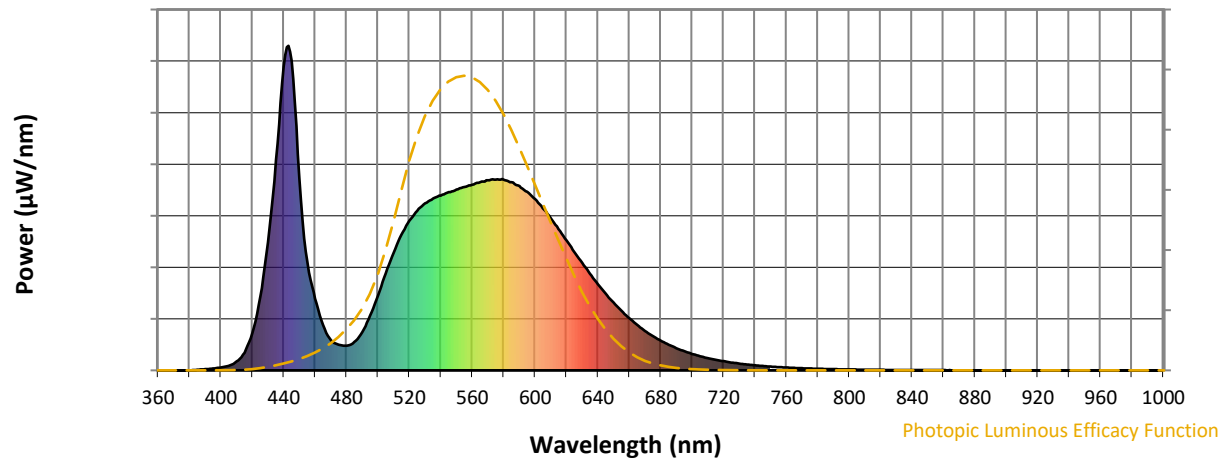
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

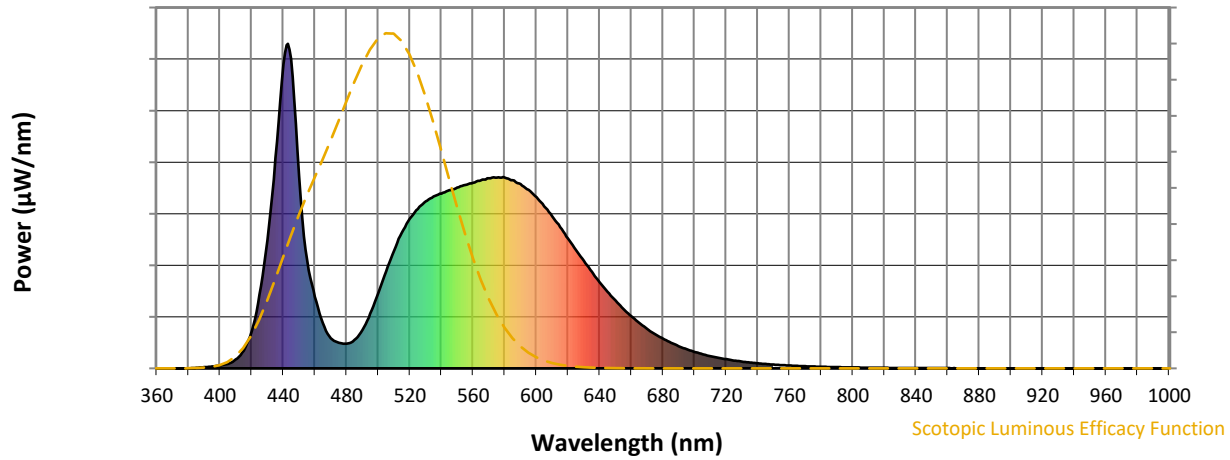


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



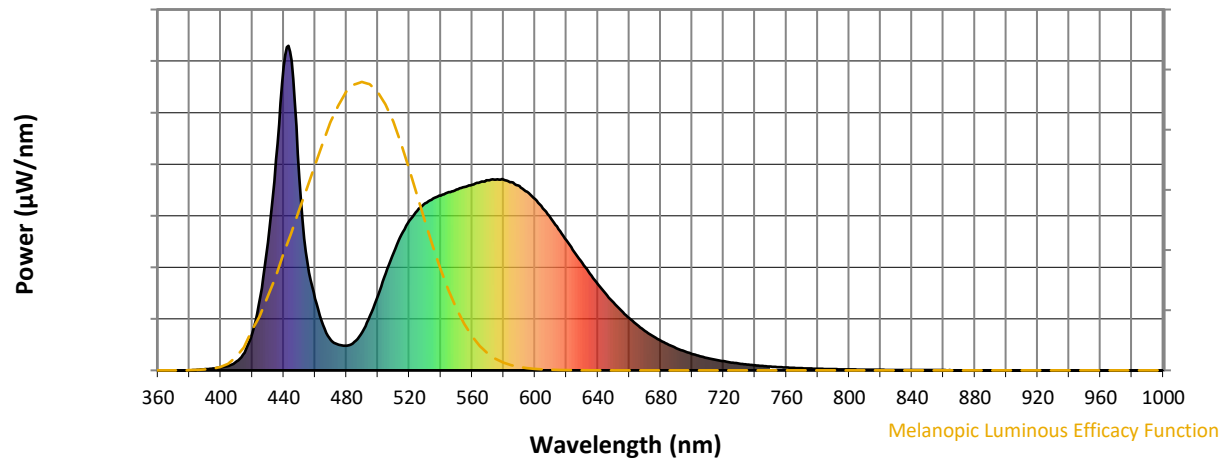
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

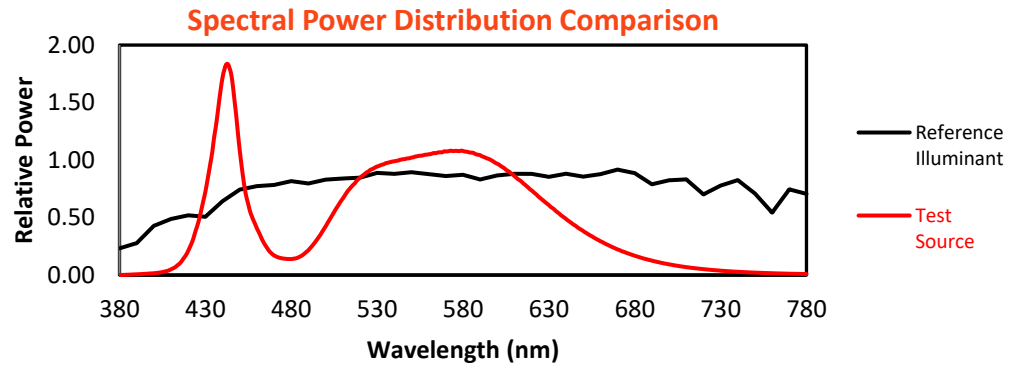
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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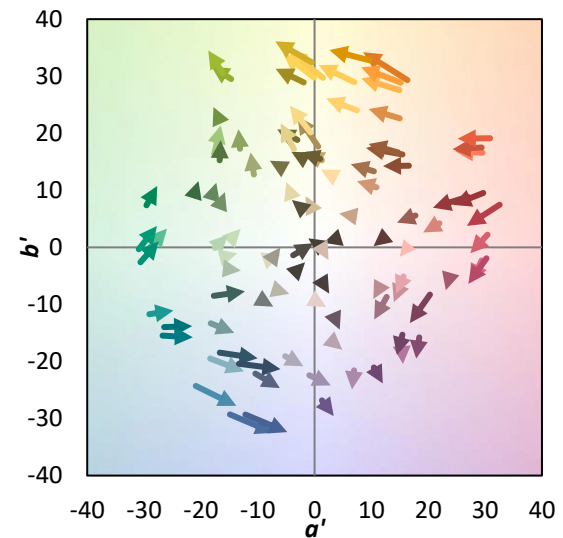
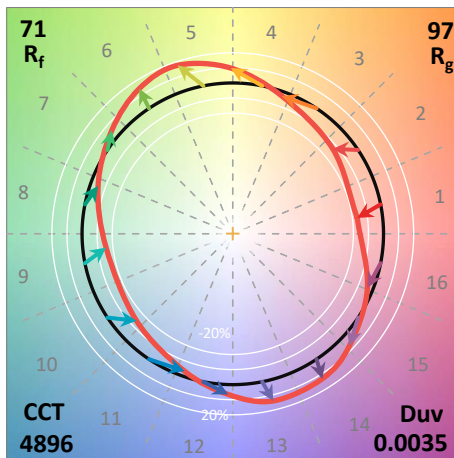
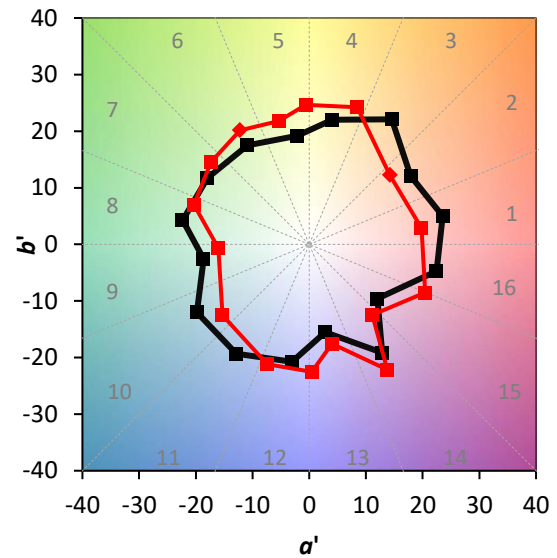
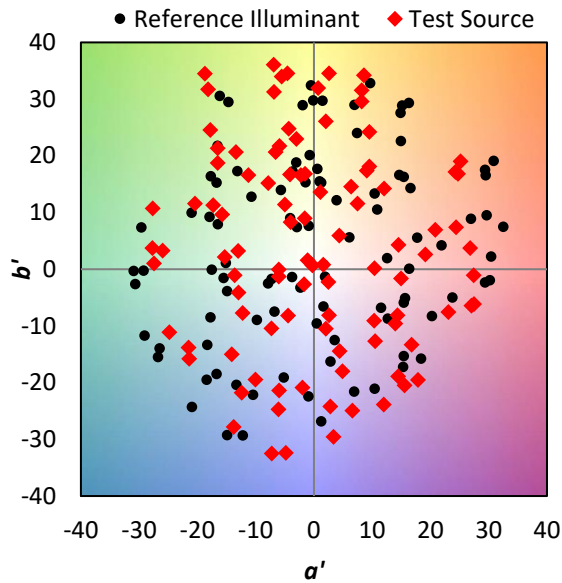
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$

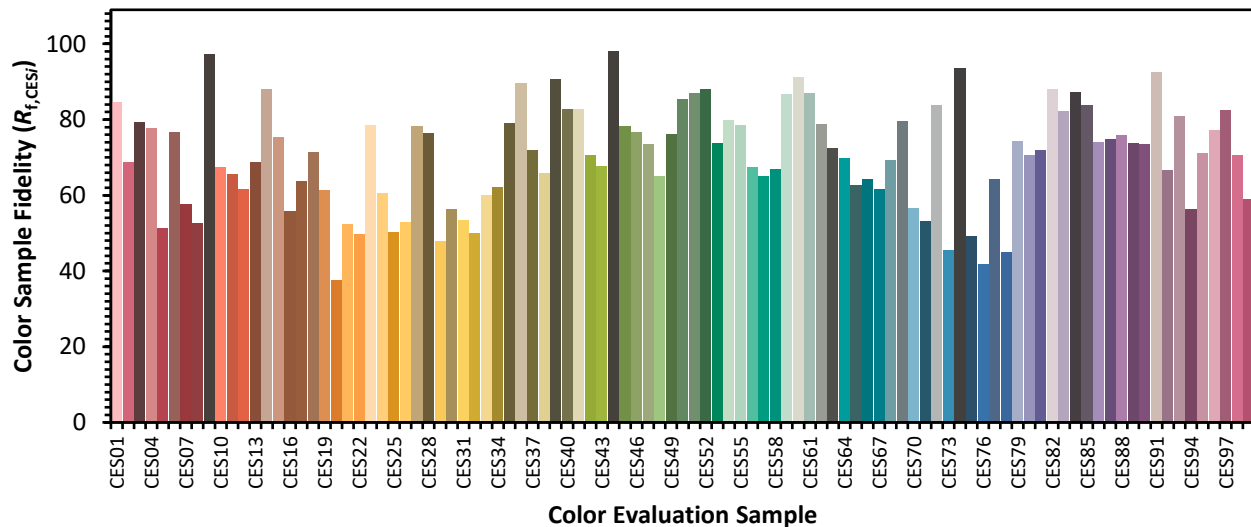


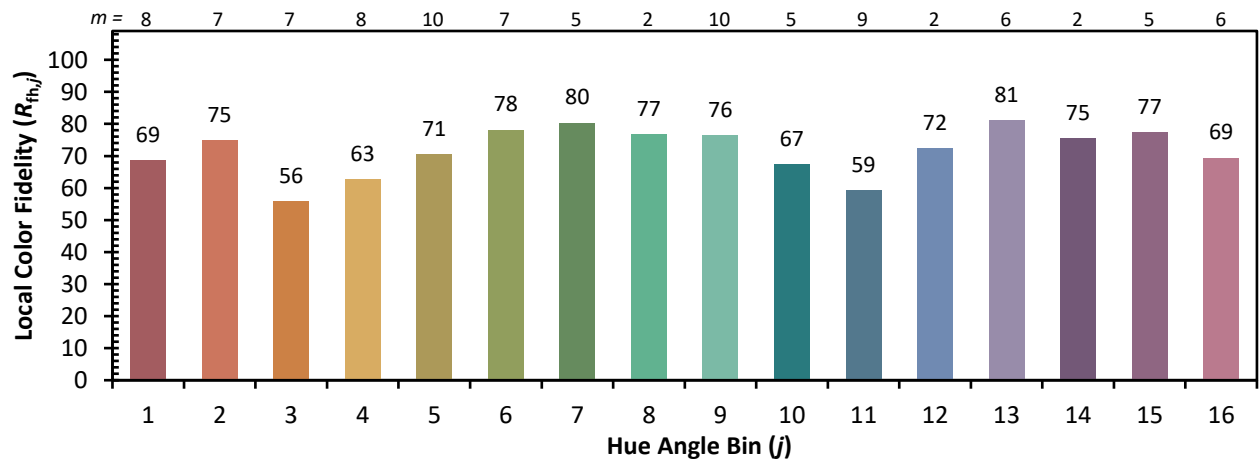
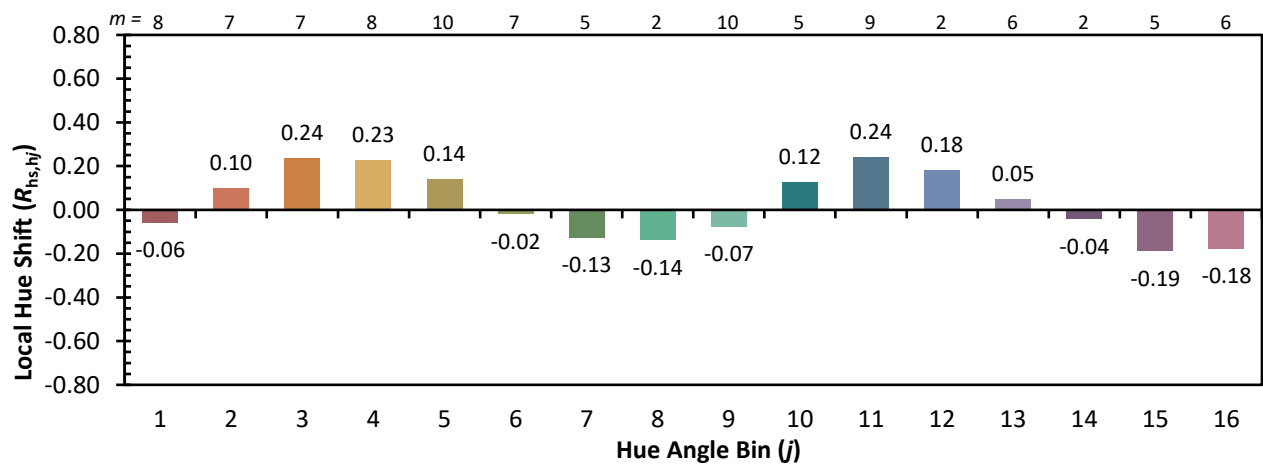
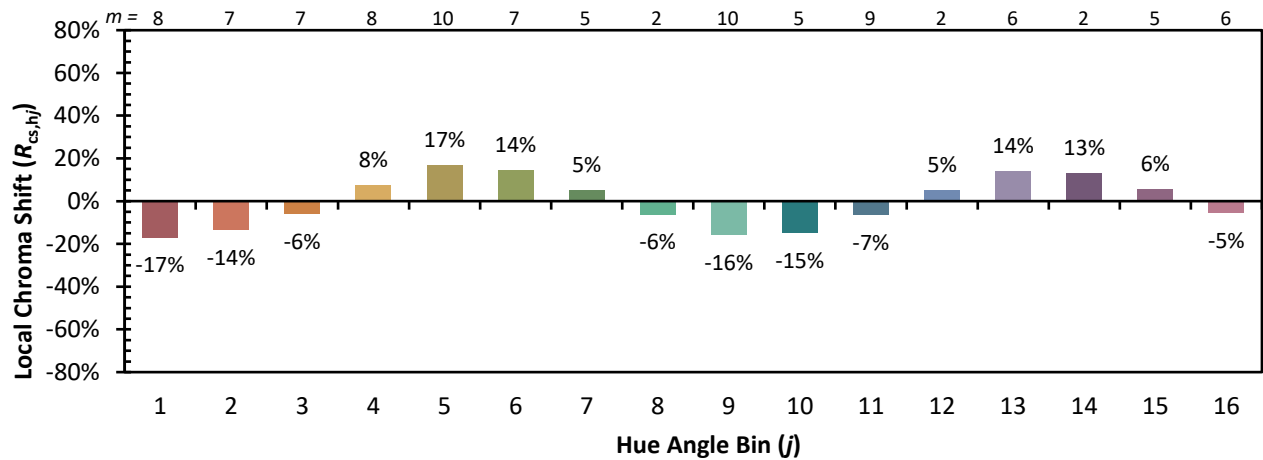
Color Vector Graphics



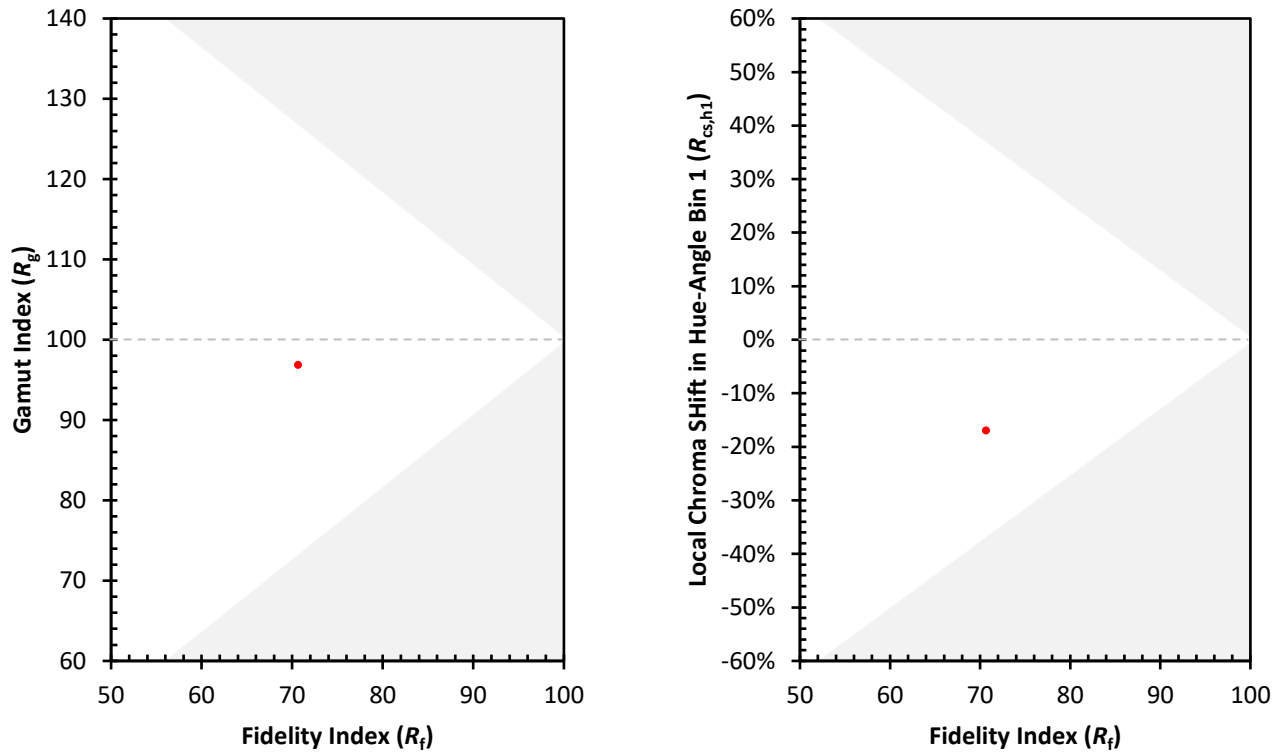
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)