

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: P1062689

Luminaire Tested: **GLAN-SA2A-722-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062689
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2A-722-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5611.4 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

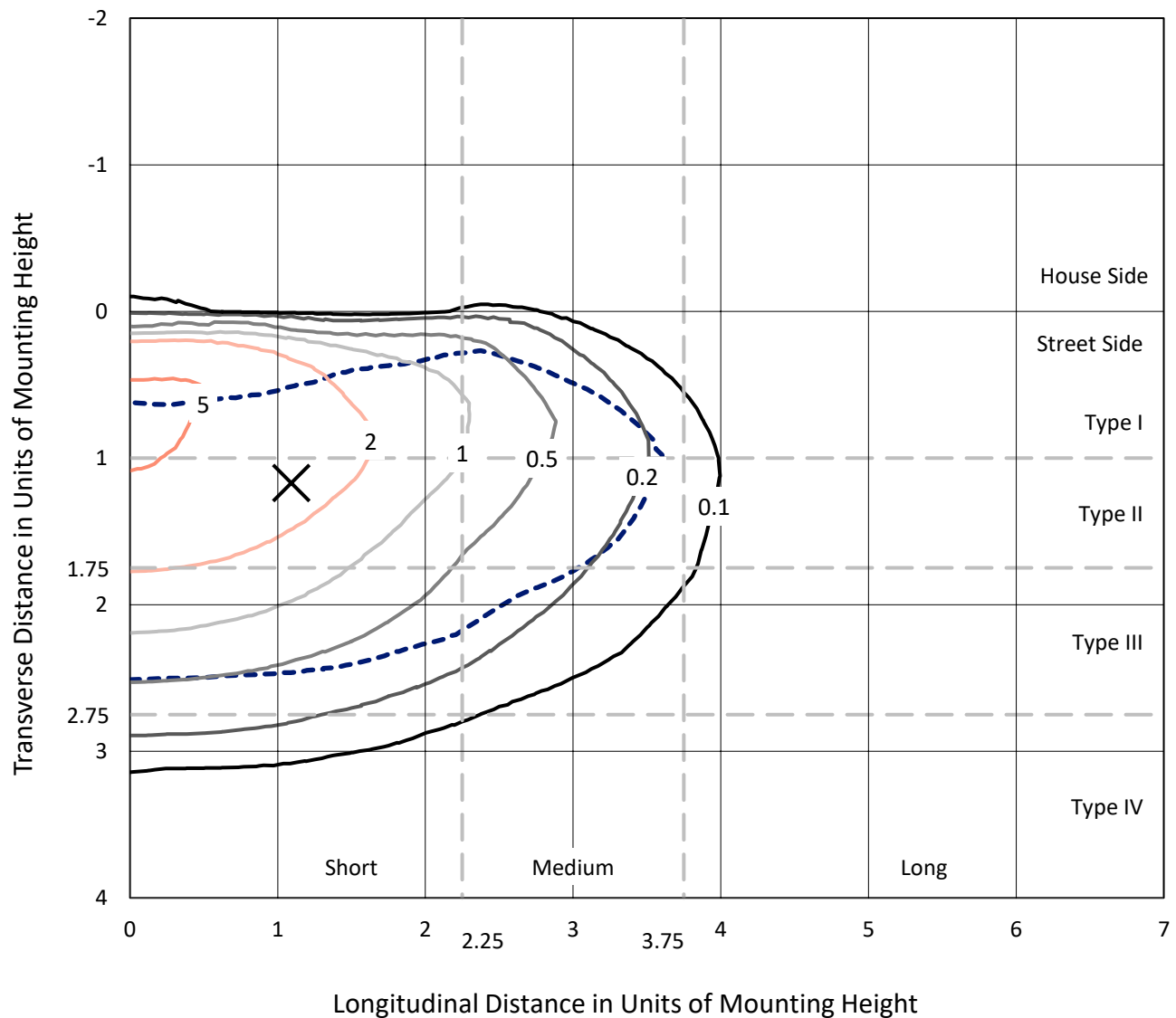


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

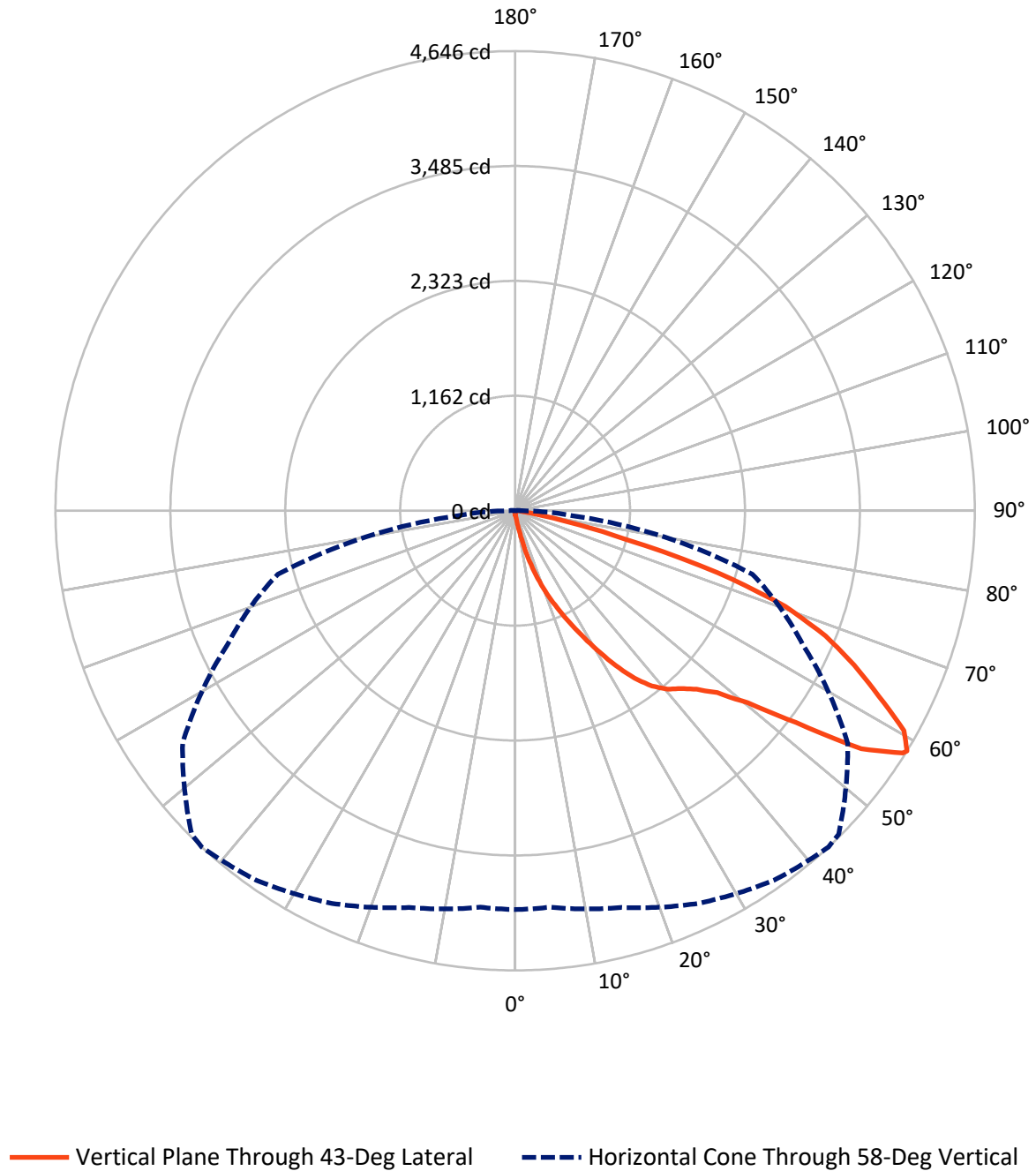


Based on 15 foot mounting height. Maximum calculated value = 6.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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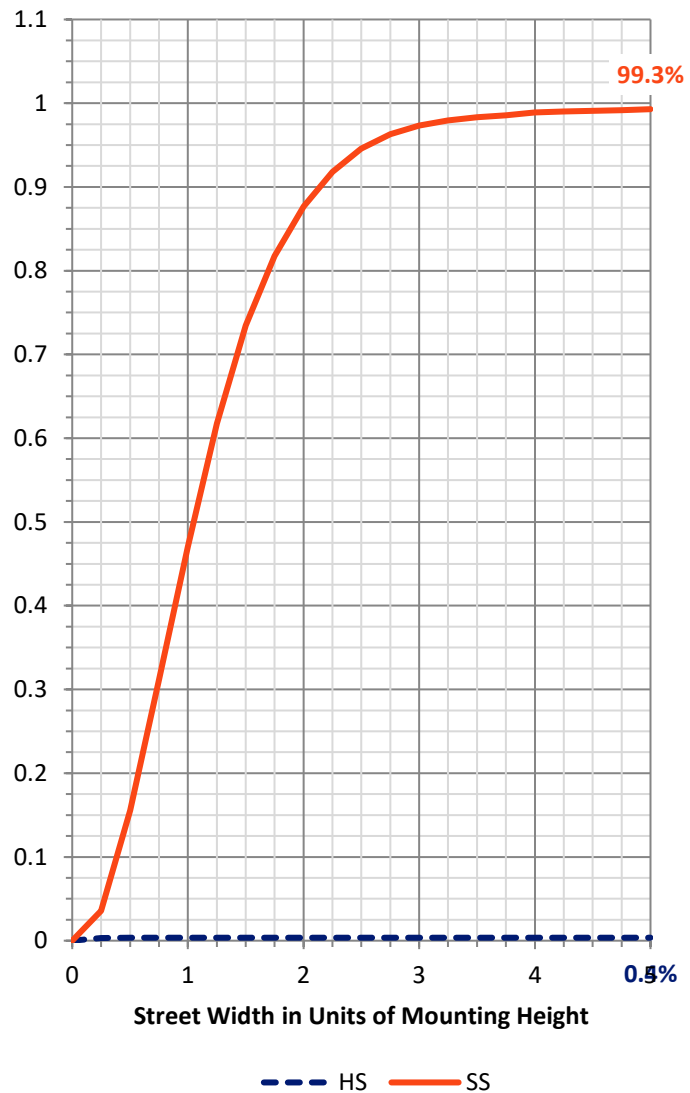
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.5	0.0	20.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5590.9	0.0	5590.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	5611.4	0.0	5611.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.4	0.1
10°-20°	64.5	1.1
20°-30°	232.5	4.1
30°-40°	531.9	9.5
40°-50°	897.1	16.0
50°-60°	1480.5	26.4
60°-70°	1654.7	29.5
70°-80°	683.2	12.2
80°-90°	61.6	1.1
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°	5611.4	100.0
0°-180°	5611.4	100.0



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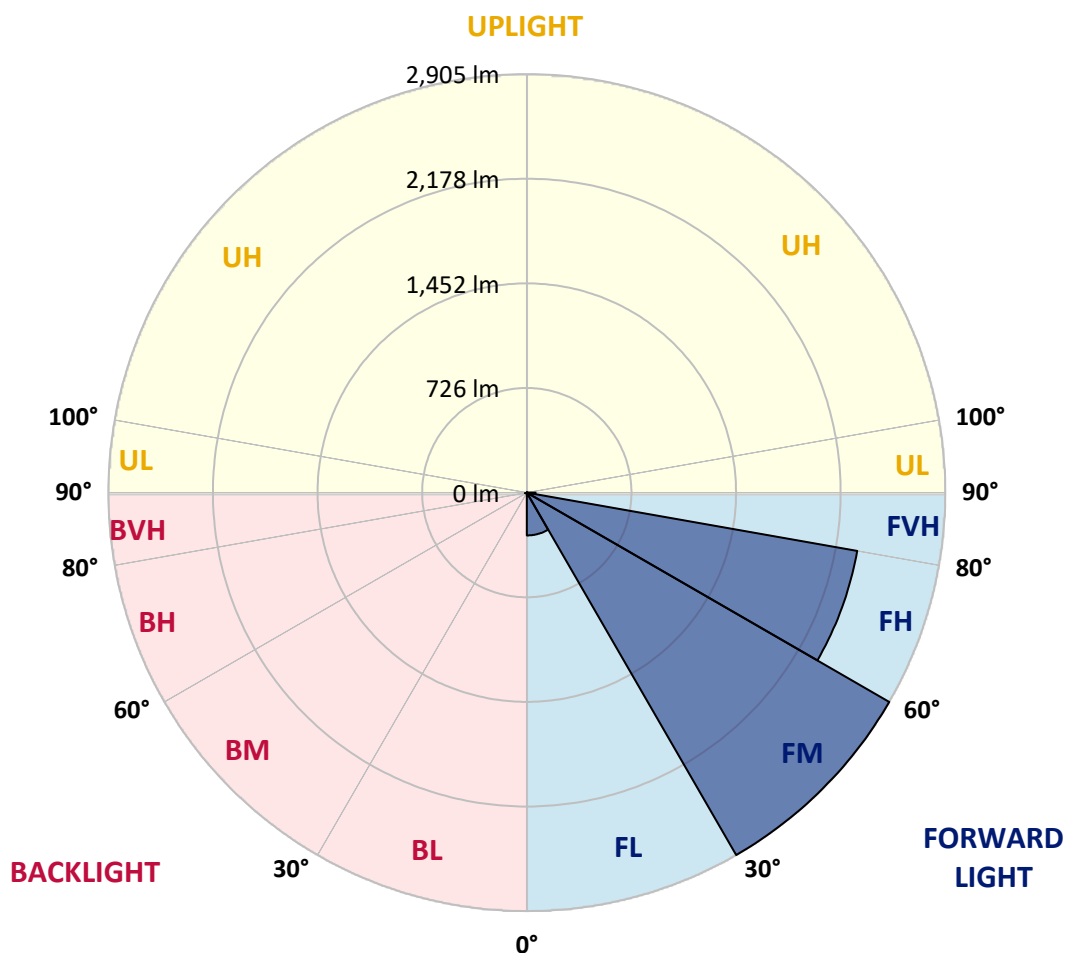
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	297.0	5.3			
FM	(30°-60°)	2904.7	51.8			
FH	(60°-80°)	2328.5	41.5			G2/5000
FVH	(80°-90°)	60.7	1.1			G1/100
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	9.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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°	43°	45°	55°	65°	75°	85°
0°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
2.5°	44.0	45.5	44.0	44.0	44.0	42.6	42.6	41.1	41.1	39.6	38.2
5°	64.6	64.6	60.2	57.2	54.3	52.8	51.4	48.4	45.5	42.6	39.6
7.5°	143.8	143.8	130.6	113.0	89.5	76.3	73.4	60.2	51.4	45.5	39.6
10°	343.4	343.4	314.1	265.6	205.5	152.6	136.5	86.6	61.6	48.4	41.1
12.5°	570.9	578.2	541.5	479.9	390.4	297.9	265.6	158.5	82.2	52.8	41.1
15°	774.9	757.3	747.0	688.3	603.2	493.1	452.0	267.1	118.9	60.2	41.1
17.5°	912.8	912.8	898.2	858.5	780.8	683.9	650.1	431.5	192.3	69.0	42.6
20°	1074.3	1074.3	1047.9	1020.0	951.0	868.8	836.5	613.5	297.9	88.1	42.6
22.5°	1269.5	1272.4	1243.1	1193.2	1127.1	1036.1	1008.2	782.2	431.5	117.4	44.0
25°	1507.2	1510.2	1467.6	1420.6	1319.4	1221.0	1178.5	976.0	594.4	164.4	44.0
27.5°	1769.9	1790.5	1727.4	1646.6	1539.5	1416.2	1383.9	1150.6	755.8	231.9	47.0
30°	2097.2	2097.2	2013.5	1900.5	1784.6	1632.0	1590.9	1334.0	927.5	321.4	49.9
32.5°	2379.0	2357.0	2249.8	2131.0	2007.7	1865.3	1821.3	1526.3	1103.6	432.9	55.8
35°	2594.7	2575.6	2443.6	2315.9	2208.7	2078.1	2025.3	1734.7	1290.0	559.2	64.6
37.5°	2779.6	2772.3	2593.3	2433.3	2362.8	2248.4	2201.4	1931.4	1473.5	695.6	74.8
40°	2982.2	2958.7	2767.9	2569.8	2464.1	2371.6	2329.1	2089.9	1649.6	855.6	89.5
42.5°	3155.3	3127.5	2955.7	2762.0	2581.5	2456.8	2415.7	2223.4	1821.3	1015.6	108.6
45°	3347.6	3332.9	3159.7	3013.0	2772.3	2572.7	2518.4	2330.6	1978.3	1206.4	133.6
47.5°	3636.7	3610.3	3448.9	3328.5	3049.7	2748.8	2671.0	2440.6	2129.5	1394.2	171.7
50°	3972.8	3955.2	3859.8	3764.4	3487.0	3049.7	2957.2	2599.1	2298.3	1617.3	221.6
52.5°	4247.2	4244.3	4256.0	4257.5	4047.6	3556.0	3418.0	2854.5	2492.0	1837.4	292.1
55°	4241.4	4254.6	4383.7	4532.0	4548.1	4247.2	4113.7	3284.5	2744.4	2108.9	390.4
57.5°	4082.9	4072.6	4209.1	4432.2	4589.2	4621.5	4599.5	3952.2	3124.5	2436.2	541.5
58°	4031.5	4022.7	4151.8	4379.3	4559.8	4646.4	4624.4	4103.4	3209.6	2483.2	582.6
60°	3845.1	3846.6	3922.9	4129.8	4310.3	4515.8	4536.4	4534.9	3633.8	2797.2	789.6
62.5°	3598.6	3586.8	3657.3	3826.0	3984.5	4122.5	4157.7	4564.2	4254.6	3196.4	1184.4
65°	3258.1	3240.5	3315.3	3506.1	3676.3	3765.9	3767.3	4170.9	4546.6	3625.0	1747.9
67.5°	2625.5	2610.9	2760.6	3005.6	3268.3	3385.8	3438.6	3619.1	4300.1	3915.6	2070.8
70°	1608.5	1639.3	1847.7	2232.2	2681.3	2897.0	2976.3	3032.1	3661.7	3871.5	1731.8
72.5°	742.6	705.9	883.5	1152.1	1664.3	2144.2	2226.4	2445.0	2902.9	3360.8	1291.5
75°	346.4	333.1	374.2	503.4	754.3	1157.9	1307.6	1951.9	2226.4	2337.9	931.9
77.5°	177.6	179.0	212.8	228.9	311.1	535.7	614.9	1284.2	1632.0	1304.7	625.2
80°	77.8	80.7	82.2	89.5	126.2	206.9	233.3	595.8	1115.4	664.8	342.0
82.5°	49.9	51.4	51.4	51.4	60.2	82.2	93.9	239.2	556.2	330.2	105.7
85°	26.4	26.4	29.4	36.7	42.6	49.9	52.8	76.3	183.5	98.3	24.9
87.5°	14.7	16.1	17.6	22.0	27.9	33.8	36.7	52.8	70.4	67.5	5.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
2.5°	38.2	36.7	35.2	33.8	32.3	30.8	30.8	30.8	30.8	30.8	30.8
5°	36.7	35.2	33.8	30.8	27.9	26.4	24.9	23.5	23.5	23.5	23.5
7.5°	36.7	35.2	30.8	27.9	24.9	22.0	19.1	19.1	19.1	19.1	19.1
10°	36.7	33.8	29.4	24.9	20.5	17.6	16.1	14.7	14.7	14.7	14.7
12.5°	36.7	32.3	27.9	22.0	17.6	14.7	13.2	11.7	11.7	11.7	11.7
15°	36.7	32.3	26.4	20.5	16.1	11.7	10.3	8.8	8.8	8.8	8.8
17.5°	35.2	30.8	24.9	17.6	13.2	8.8	7.3	5.9	5.9	7.3	7.3
20°	33.8	29.4	22.0	14.7	10.3	7.3	4.4	4.4	4.4	4.4	4.4
22.5°	33.8	29.4	20.5	13.2	8.8	4.4	2.9	2.9	2.9	2.9	4.4
25°	33.8	27.9	17.6	10.3	5.9	2.9	1.5	1.5	1.5	1.5	1.5
27.5°	33.8	27.9	16.1	8.8	4.4	2.9	1.5	0.0	0.0	0.0	0.0
30°	32.3	26.4	14.7	7.3	2.9	1.5	0.0	0.0	0.0	0.0	0.0
32.5°	32.3	24.9	11.7	5.9	2.9	1.5	0.0	0.0	0.0	0.0	0.0
35°	33.8	23.5	10.3	4.4	1.5	0.0	0.0	0.0	0.0	0.0	1.5
37.5°	35.2	22.0	8.8	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	36.7	20.5	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.6	20.5	7.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	42.6	20.5	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	48.4	22.0	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	52.8	23.5	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	58.7	22.0	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	66.0	22.0	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	71.9	20.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	74.8	19.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	89.5	17.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	139.4	14.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	283.2	13.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	528.3	11.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	591.4	13.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	372.8	10.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	196.7	10.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	98.3	10.3	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.5	7.3	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.1	4.4	2.9	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.8	4.4	2.9	2.9	1.5	1.5	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.4	4.4	2.9	2.9	1.5	1.5	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

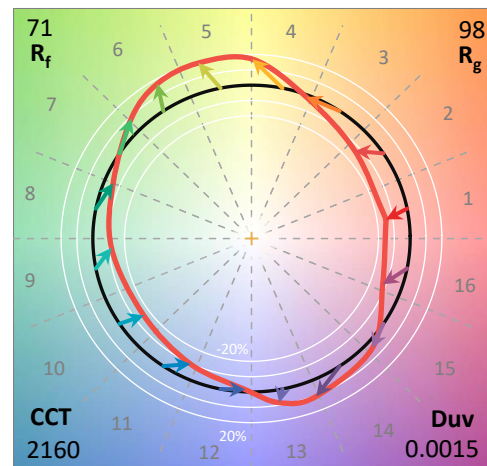
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

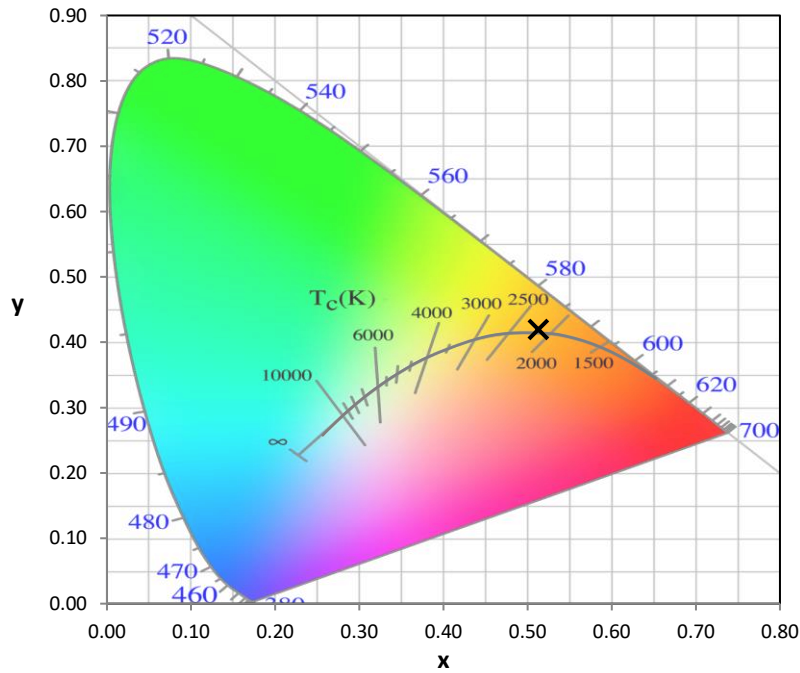
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-2

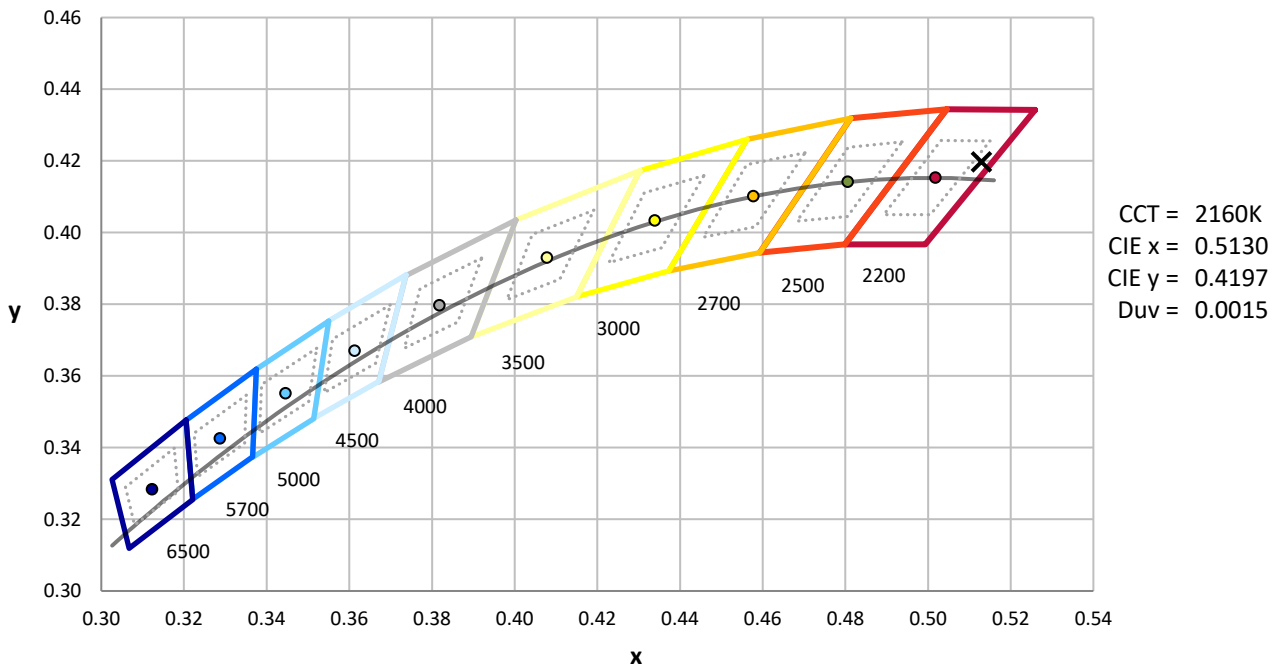
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



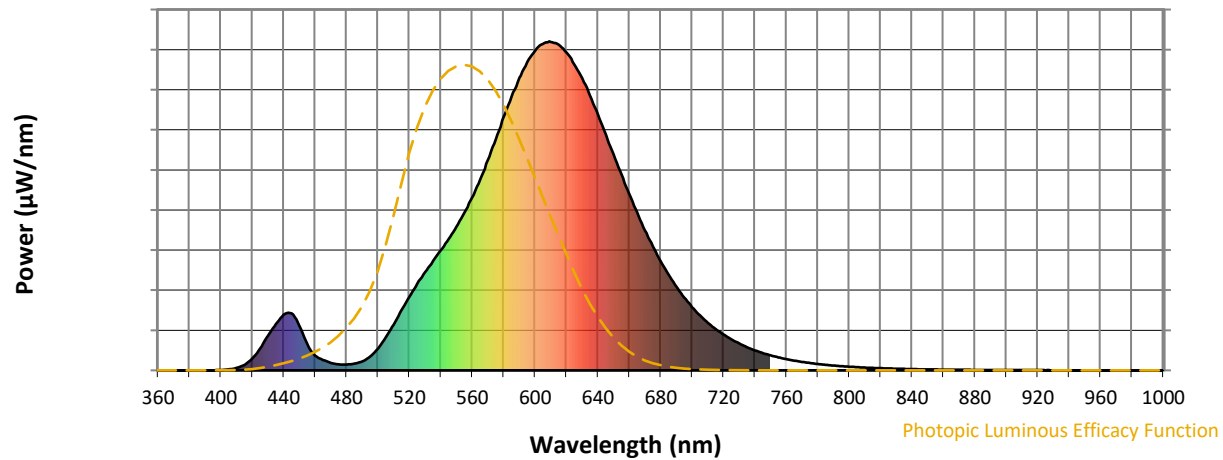
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

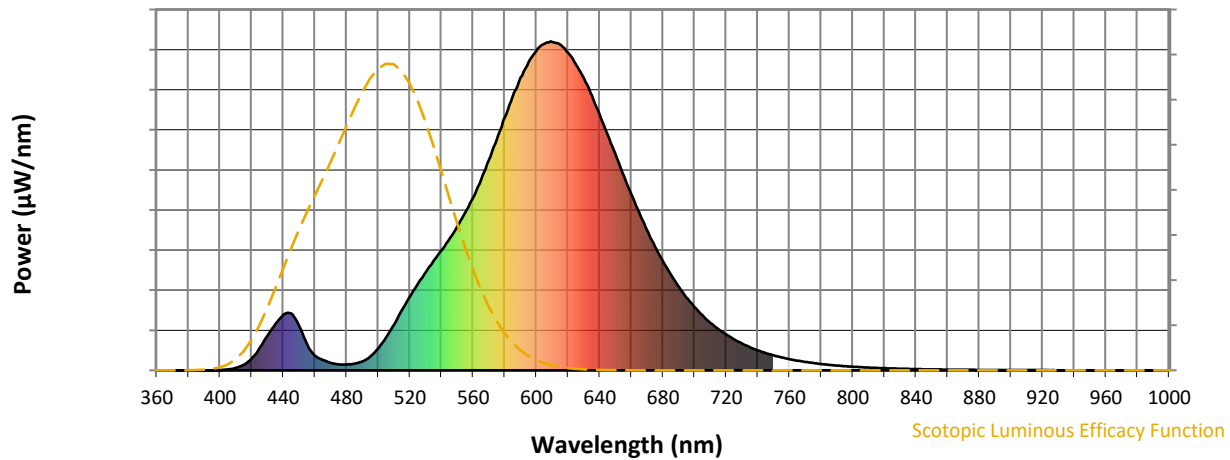


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



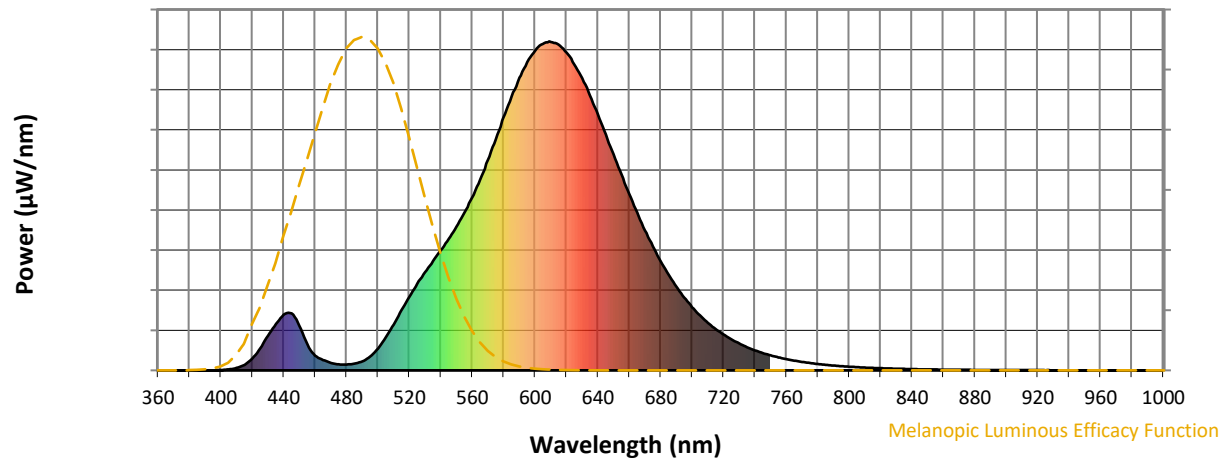
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

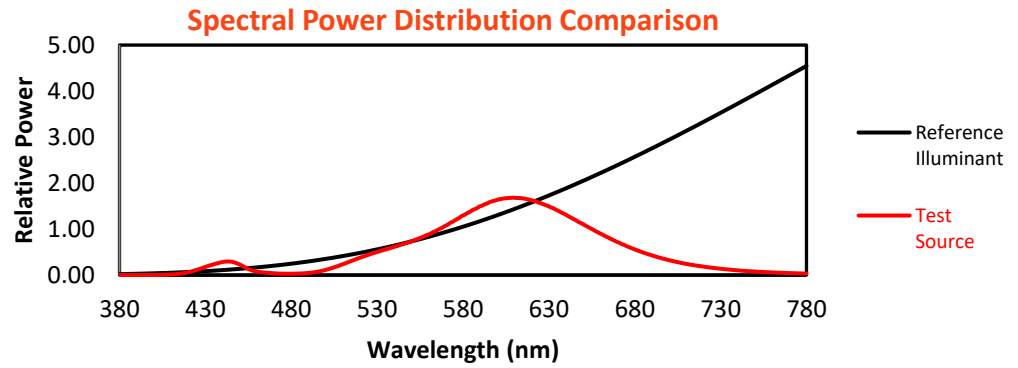
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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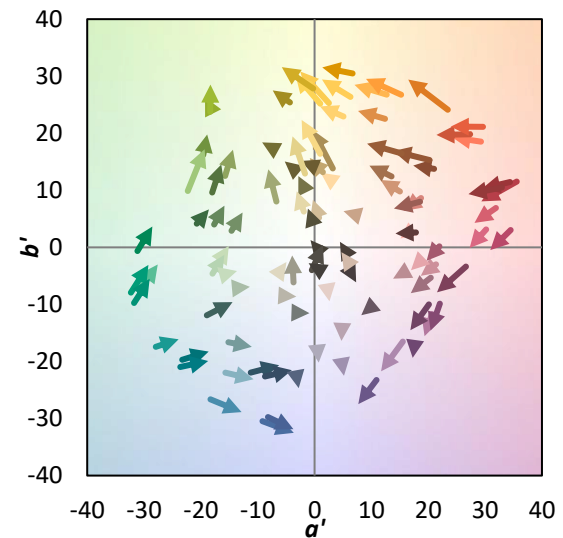
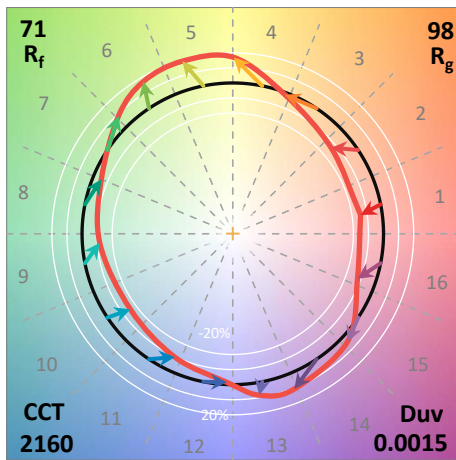
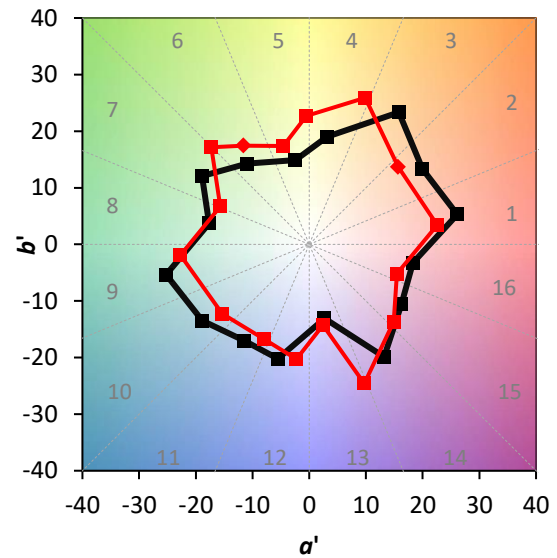
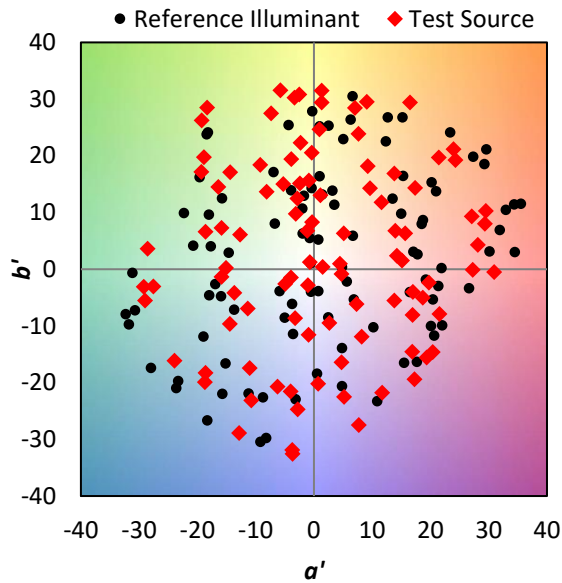
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$

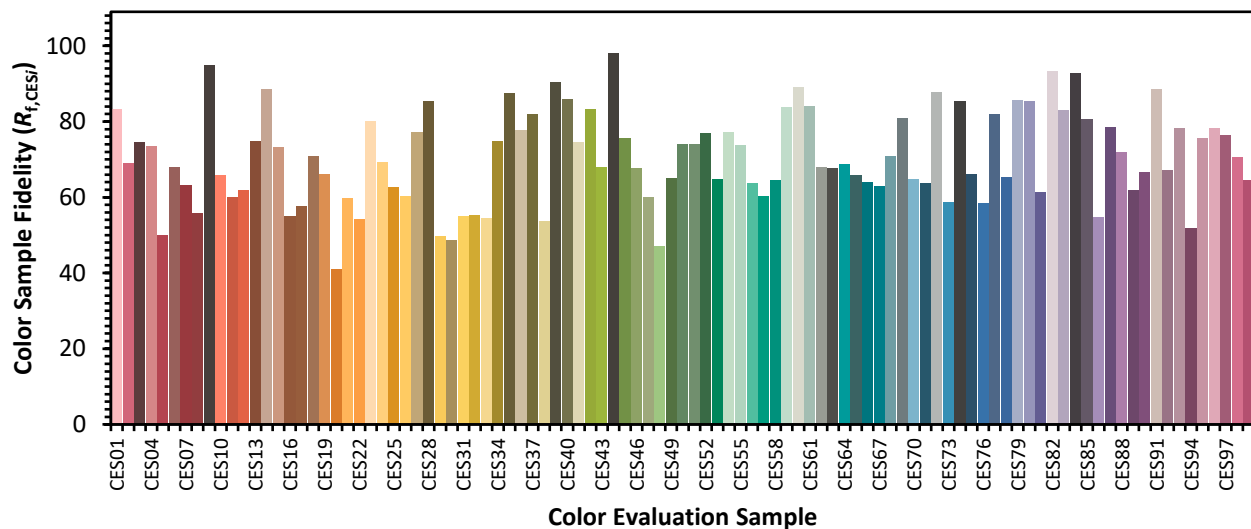


Color Vector Graphics

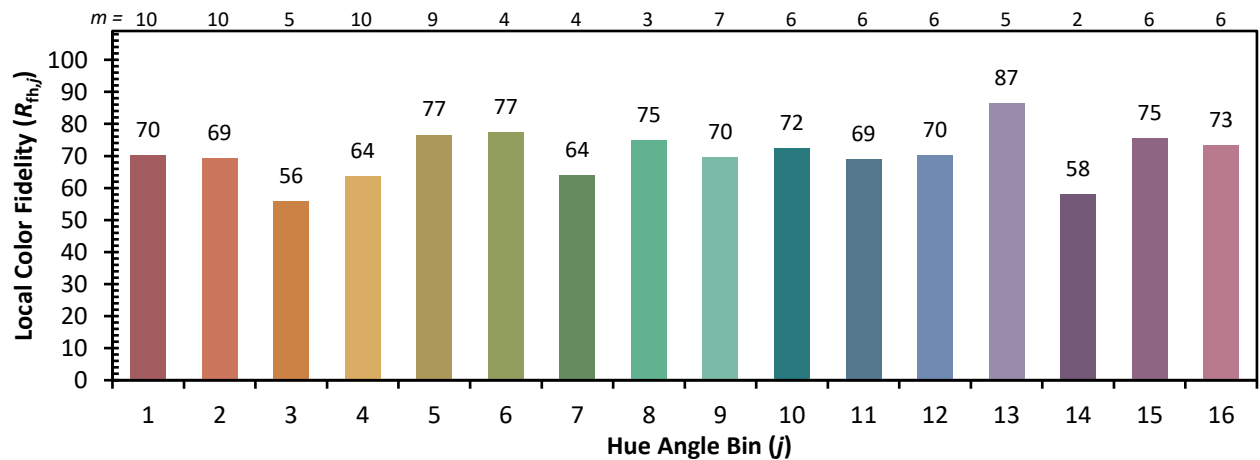
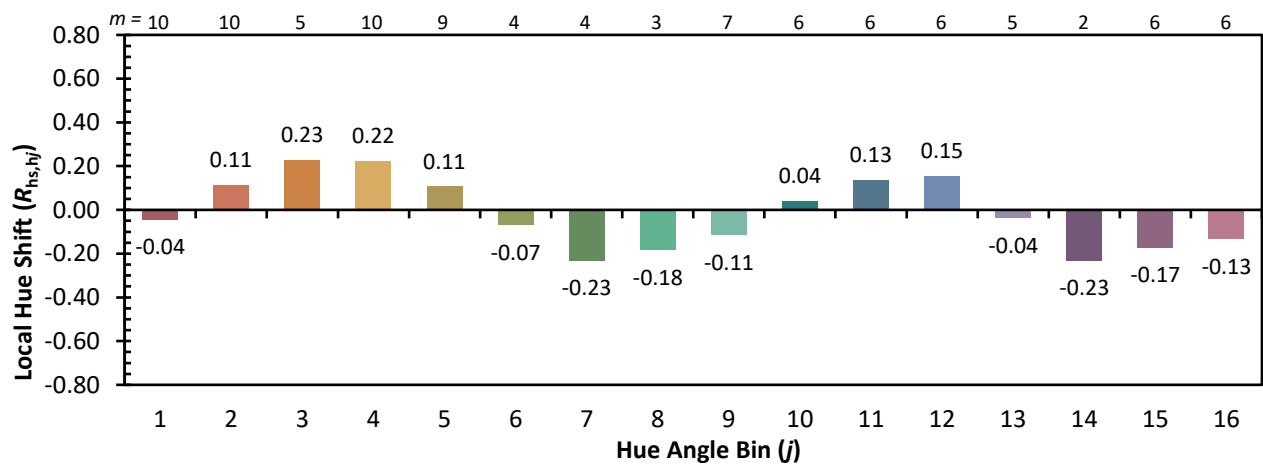
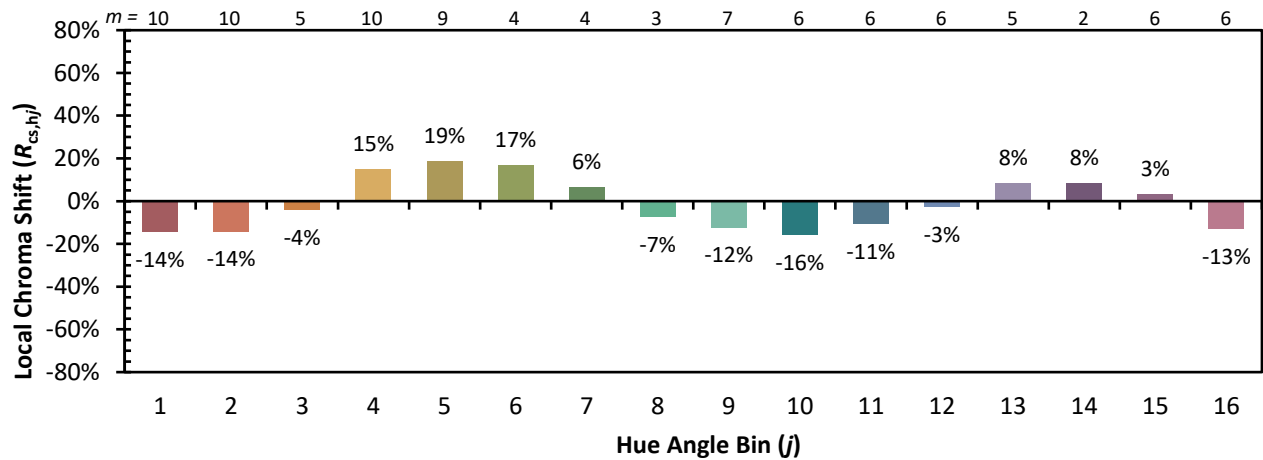


Individual Sample Fidelity Index ($R_{f,i}$)

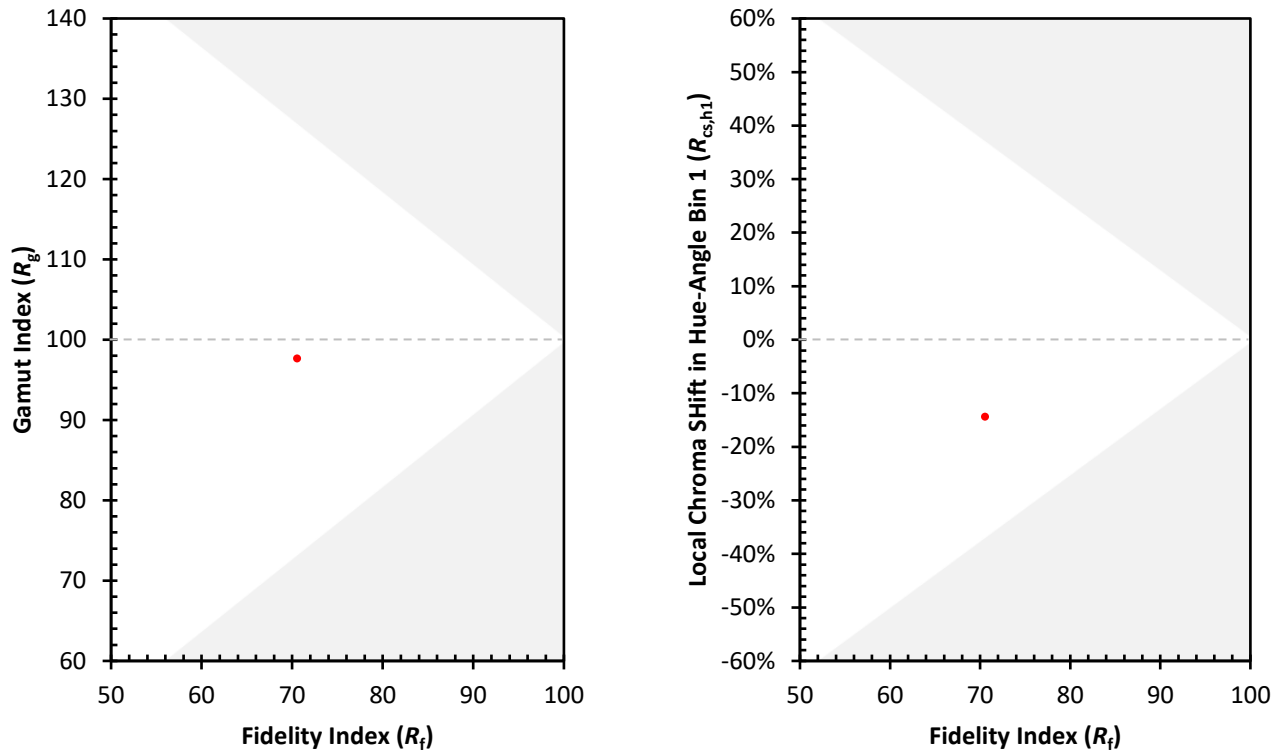
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)