

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: P1063305

Luminaire Tested: **GLAN-SA3A-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063305
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8009.1 lumens
Efficiency: N/A
Efficacy: 98.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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



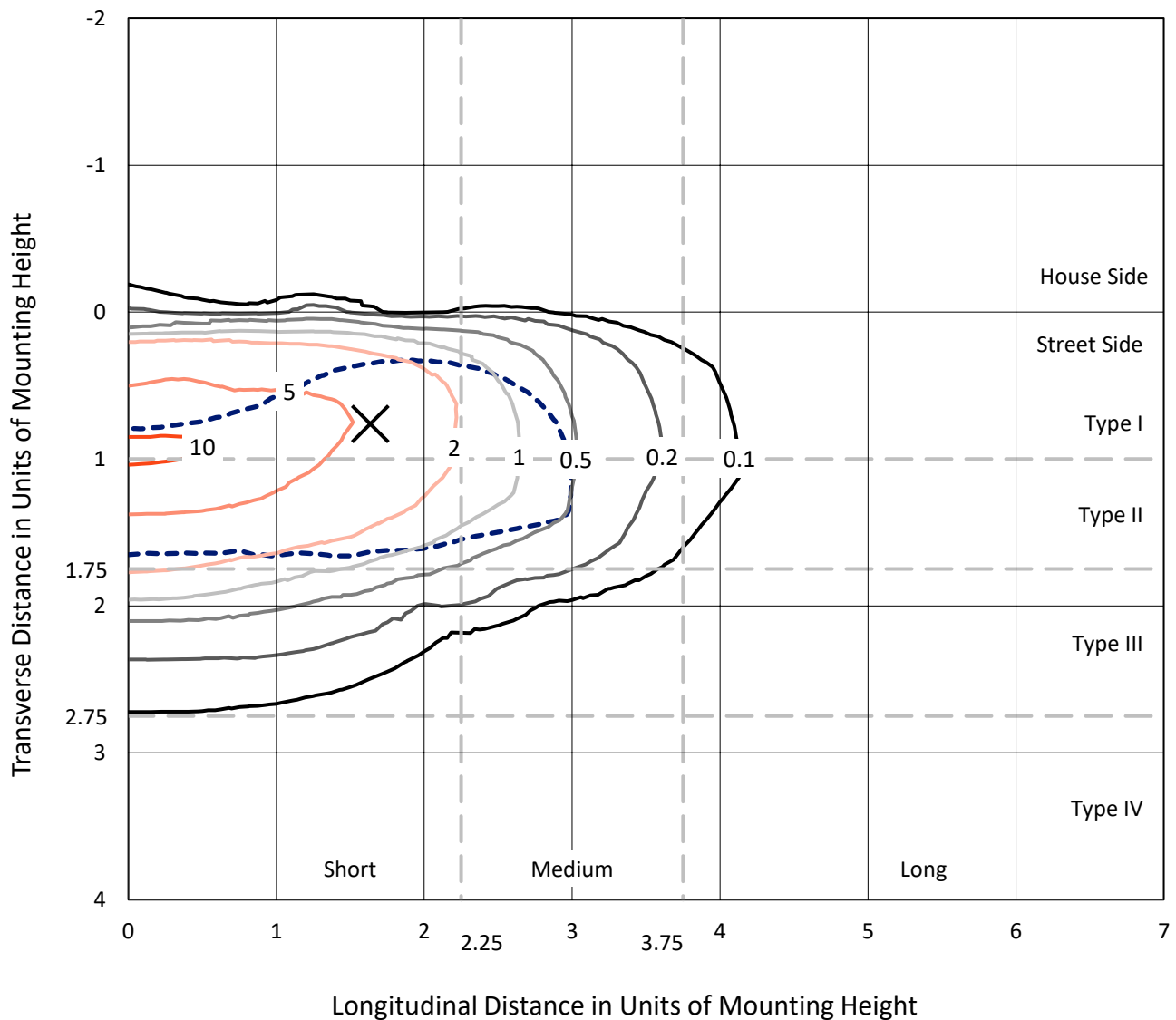
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

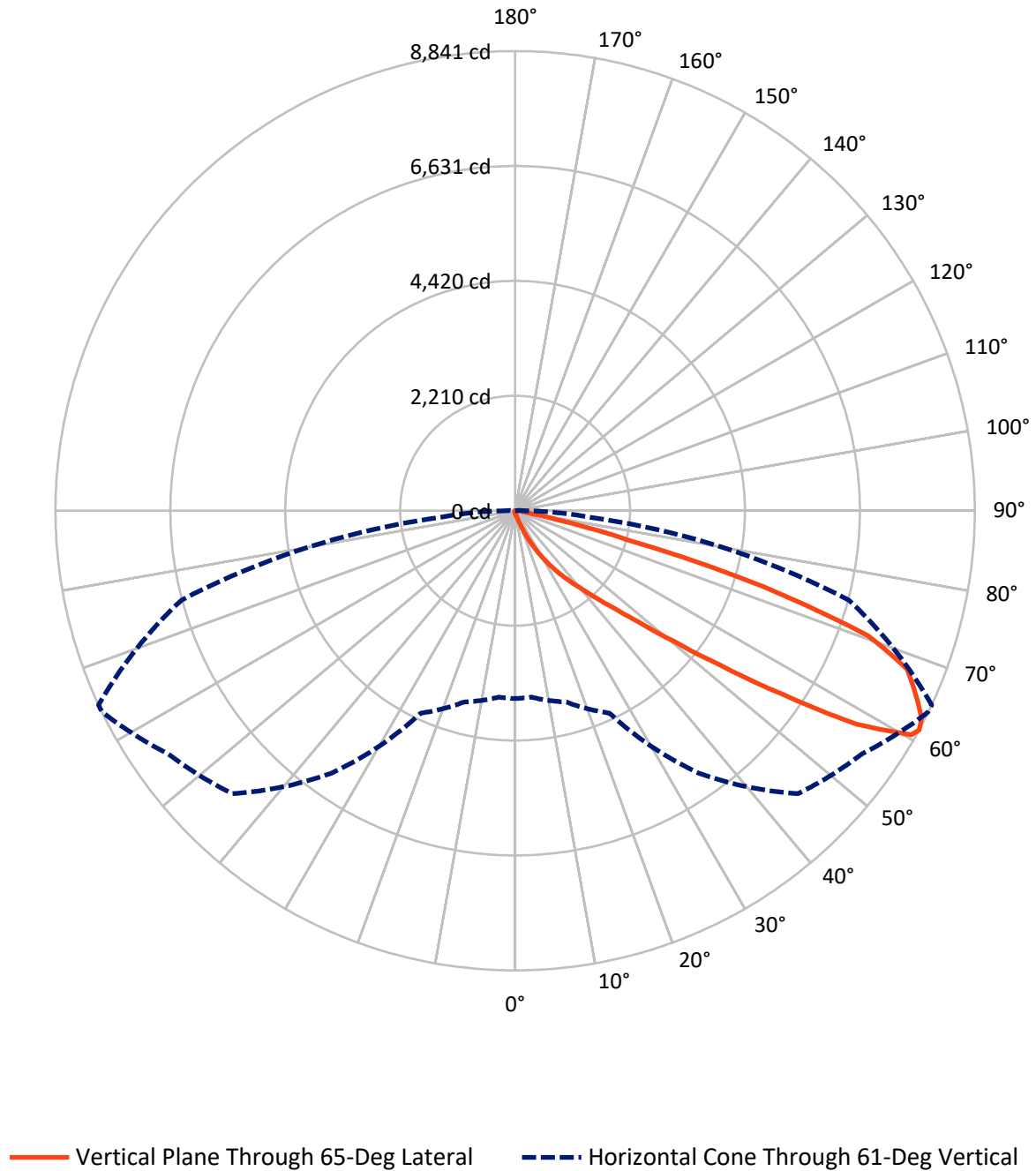


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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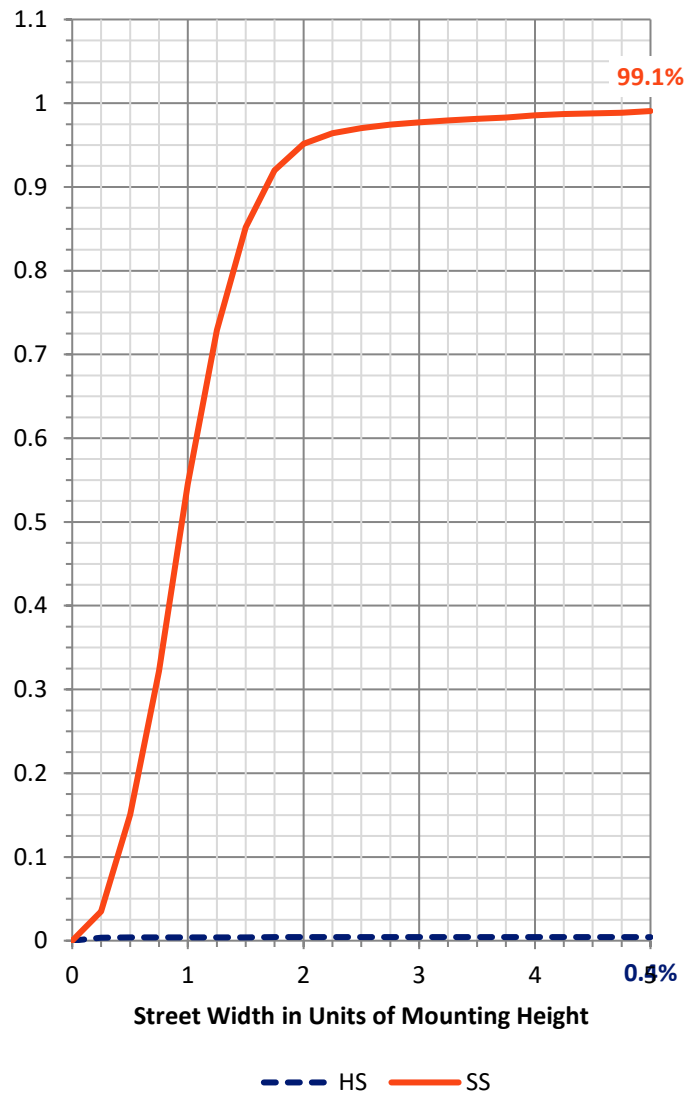
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.2	0.0	34.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7974.9	0.0	7974.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	8009.1	0.0	8009.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	65.9	0.8
20°-30°	236.4	3.0
30°-40°	629.3	7.9
40°-50°	1653.1	20.6
50°-60°	2561.0	32.0
60°-70°	2147.4	26.8
70°-80°	631.9	7.9
80°-90°	78.0	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°	8009.1	100.0
0°-180°	8009.1	100.0



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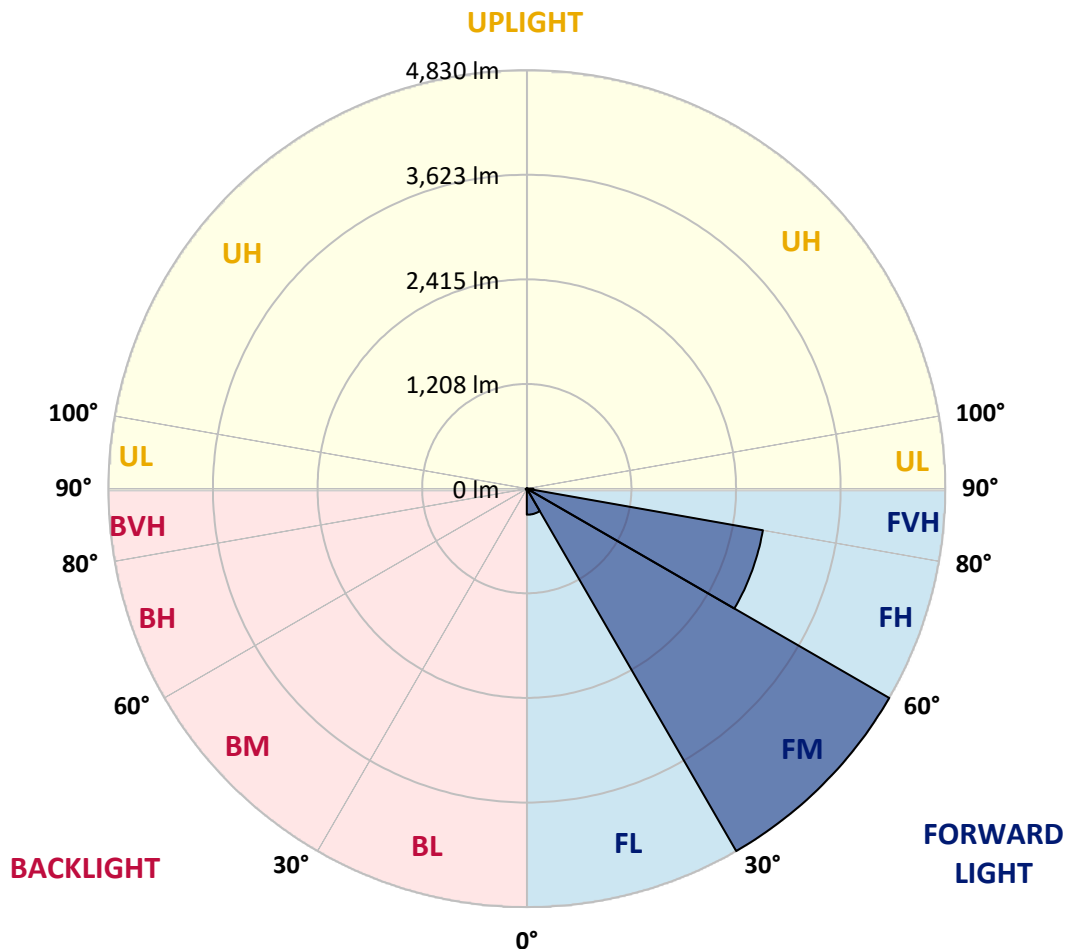
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	300.8	3.8			
FM	(30°-60°)	4830.4	60.3			
FH	(60°-80°)	2767.2	34.6			G2/5000
FVH	(80°-90°)	76.5	1.0			G1/100
BL	(0°-30°)	7.7	0.1	B0/110		
BM	(30°-60°)	13.0	0.2	B0/220		
BH	(60°-80°)	12.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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 II Short



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CATALOG NUMBER: GLAN-SA3A-722-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2.5°	59.5	60.1	59.0	56.7	55.1	55.1	54.5	52.9	52.9	51.2	50.1
5°	83.2	82.1	79.9	75.5	71.6	67.8	63.9	60.1	59.5	54.5	51.2
7.5°	136.1	137.2	130.0	116.2	104.7	89.8	76.0	67.8	66.7	58.4	51.8
10°	298.6	290.3	273.8	220.4	181.3	136.6	101.4	78.8	77.7	62.8	52.9
12.5°	544.3	537.7	507.4	452.3	351.5	244.6	148.2	97.5	94.2	66.7	53.4
15°	784.5	774.1	757.5	701.9	584.0	438.5	242.4	133.3	124.5	72.2	52.9
17.5°	937.7	939.3	924.5	900.8	824.8	649.0	418.7	198.9	181.8	82.1	51.8
20°	1071.6	1067.7	1076.0	1063.3	1009.9	882.1	609.3	315.1	285.9	98.1	52.3
22.5°	1225.8	1235.2	1241.3	1238.5	1179.6	1070.5	825.9	471.6	434.7	127.3	54.0
25°	1432.4	1431.3	1431.9	1424.7	1367.4	1246.2	1042.9	666.1	628.6	174.6	57.8
27.5°	1649.0	1655.6	1658.3	1632.4	1557.5	1438.5	1244.0	878.7	834.7	250.7	62.8
30°	1944.8	1939.3	1926.6	1873.7	1782.8	1635.2	1442.4	1101.9	1055.6	357.0	70.5
32.5°	2343.7	2337.6	2273.7	2156.9	2020.8	1840.1	1641.8	1325.6	1269.4	489.8	81.0
35°	3001.0	3010.3	2853.3	2550.8	2306.8	2086.4	1862.7	1548.1	1498.5	653.4	95.3
37.5°	4007.5	3956.3	3743.1	3208.7	2683.1	2393.8	2073.7	1772.9	1729.9	855.1	114.0
40°	4985.4	4934.7	4873.0	4366.7	3337.0	2732.6	2369.0	2036.8	1981.2	1082.6	141.6
42.5°	6013.5	5985.4	5982.6	5600.8	4530.4	3265.4	2724.4	2345.9	2298.5	1332.2	186.8
45°	6741.8	6713.7	6772.7	6839.3	6155.6	4406.9	3343.1	2747.5	2678.7	1635.2	258.9
47.5°	6839.9	6841.0	6998.6	7207.4	7363.3	6172.7	4167.3	3279.7	3196.0	2068.8	380.1
50°	6513.7	6526.4	6777.1	7150.6	7570.4	7654.2	5620.7	4052.1	3928.2	2582.8	552.0
52.5°	5892.8	5907.2	6256.4	6870.7	7379.8	8010.1	7331.9	5062.6	4919.9	3224.1	794.5
55°	5333.6	5342.4	5743.0	6519.2	7150.1	7816.7	8347.8	6411.8	6224.5	4013.0	1033.6
57.5°	4779.9	4759.5	5020.1	5908.8	7110.9	7579.2	8497.7	7949.5	7742.9	4875.2	1219.8
60°	4039.5	4005.3	4214.7	4779.9	6596.4	7735.2	8217.2	8800.1	8753.3	6075.7	1363.6
61°	3613.6	3599.3	3809.7	4294.6	6163.3	7695.5	8150.0	8835.9	8840.9	6643.8	1428.0
62.5°	2580.6	2621.4	2943.1	3573.4	5162.3	7438.2	8158.8	8725.2	8774.2	7398.5	1595.0
65°	1147.1	1212.6	1462.7	1975.7	3002.1	6187.6	8080.6	8482.2	8458.0	7605.7	2170.1
67.5°	680.4	690.3	814.8	1119.5	1590.0	3328.2	7130.8	8161.0	8128.5	6621.2	2700.1
70°	536.1	541.0	580.7	702.4	922.8	1274.9	4069.8	7060.8	7202.4	5368.9	2643.4
72.5°	508.5	507.4	512.9	534.4	581.2	632.5	1575.7	4693.4	4981.6	3866.5	2216.4
75°	501.9	499.7	494.2	485.9	420.9	372.4	488.1	2075.9	2242.9	2641.7	1668.8
77.5°	487.0	487.6	488.7	466.1	360.9	263.3	236.4	666.1	819.2	1676.5	1186.2
80°	329.5	334.4	342.7	333.9	324.5	190.6	166.9	236.9	240.2	941.0	783.4
82.5°	166.9	166.9	163.1	145.4	125.6	124.0	132.8	171.9	174.1	476.0	368.6
85°	100.8	106.3	108.5	98.6	90.4	83.2	101.4	136.6	141.6	184.6	85.9
87.5°	22.6	23.1	25.3	33.6	49.0	66.7	94.2	125.1	127.3	118.5	10.5
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°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2.5°	49.6	48.5	47.9	46.3	44.6	43.0	41.9	41.3	41.9	42.4	42.4
5°	49.0	47.4	44.6	41.9	39.7	37.5	35.3	34.7	34.7	35.3	35.3
7.5°	49.0	46.3	42.4	39.1	35.8	32.5	30.9	29.8	30.3	30.3	30.3
10°	49.0	45.7	40.8	35.8	32.0	28.1	25.3	24.2	24.2	24.2	24.2
12.5°	48.5	45.2	39.1	33.1	27.5	23.1	19.8	18.2	18.7	18.7	18.7
15°	47.4	43.5	36.9	28.1	22.0	17.6	14.3	12.7	13.2	14.3	14.9
17.5°	45.7	41.9	33.1	23.7	17.6	13.2	9.9	8.8	9.4	11.0	11.0
20°	45.2	40.2	29.2	19.3	13.2	9.4	6.6	5.5	6.1	8.3	8.8
22.5°	45.2	39.1	26.4	16.0	9.9	6.1	3.9	2.2	2.2	3.9	3.9
25°	45.7	38.6	24.2	13.2	7.2	4.4	2.2	1.1	2.2	6.1	7.2
27.5°	46.8	38.0	23.1	11.0	5.5	3.9	1.7	3.9	6.6	6.6	6.6
30°	47.9	36.9	21.5	9.4	5.0	2.8	2.8	5.5	5.5	6.6	7.2
32.5°	49.6	36.4	20.4	8.3	3.9	2.2	3.9	3.3	3.3	3.9	4.4
35°	52.9	36.9	19.3	8.3	3.9	2.8	3.3	1.7	1.1	1.1	1.1
37.5°	57.3	37.5	17.6	7.2	3.3	3.3	1.7	0.0	0.0	0.0	0.0
40°	64.5	39.1	16.5	6.6	2.8	2.8	0.6	0.0	0.0	0.0	0.0
42.5°	76.6	42.4	16.0	6.1	2.8	2.2	0.0	0.0	0.0	0.0	0.0
45°	100.8	50.1	14.9	5.5	2.8	1.1	0.0	0.0	0.0	0.0	0.0
47.5°	144.9	68.3	14.3	4.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	211.6	92.6	13.8	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	270.0	97.5	9.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	276.6	67.2	7.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	220.4	43.5	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	166.9	33.1	5.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	160.3	29.8	5.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	176.9	25.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	287.6	21.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	499.7	18.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	631.4	17.6	3.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	550.4	16.0	3.3	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	331.1	13.8	3.3	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	173.5	10.5	3.3	2.8	1.7	0.6	0.0	0.0	0.0	0.0	0.0
80°	84.3	9.4	3.9	2.8	2.2	1.1	0.0	0.0	0.0	0.0	0.0
82.5°	33.1	7.7	4.4	3.9	2.8	1.7	0.6	0.0	0.0	0.0	0.0
85°	14.9	6.6	5.0	4.4	3.9	2.2	0.6	0.0	0.0	0.0	0.0
87.5°	7.7	6.1	5.5	5.0	3.9	2.8	1.1	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

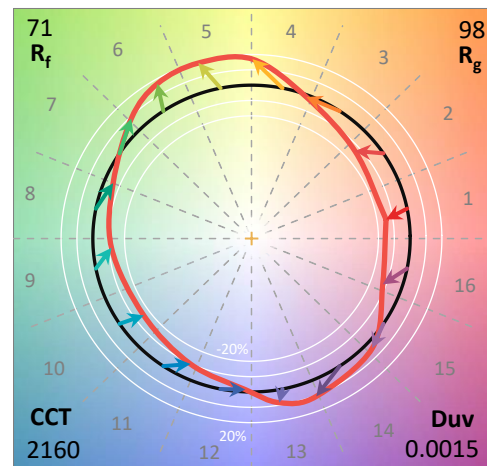
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

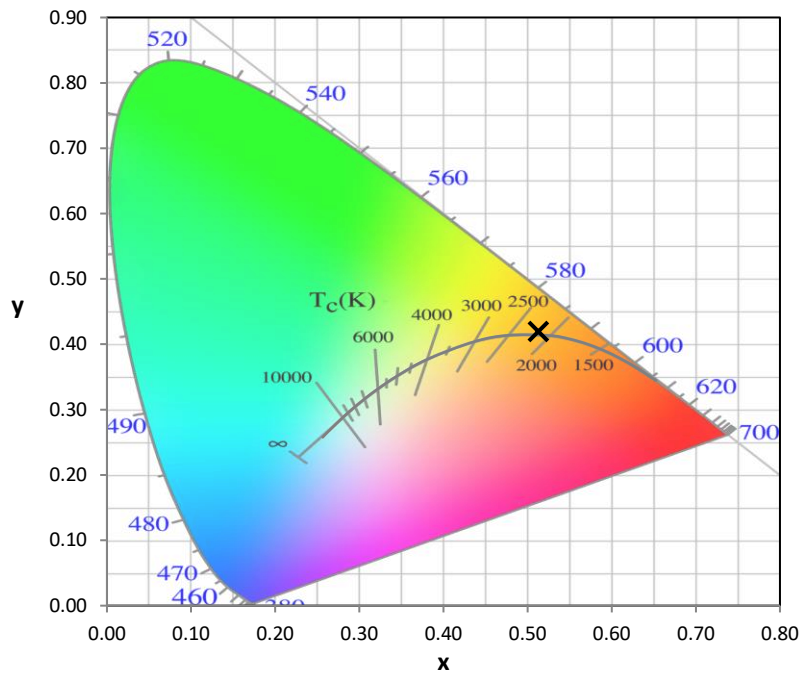
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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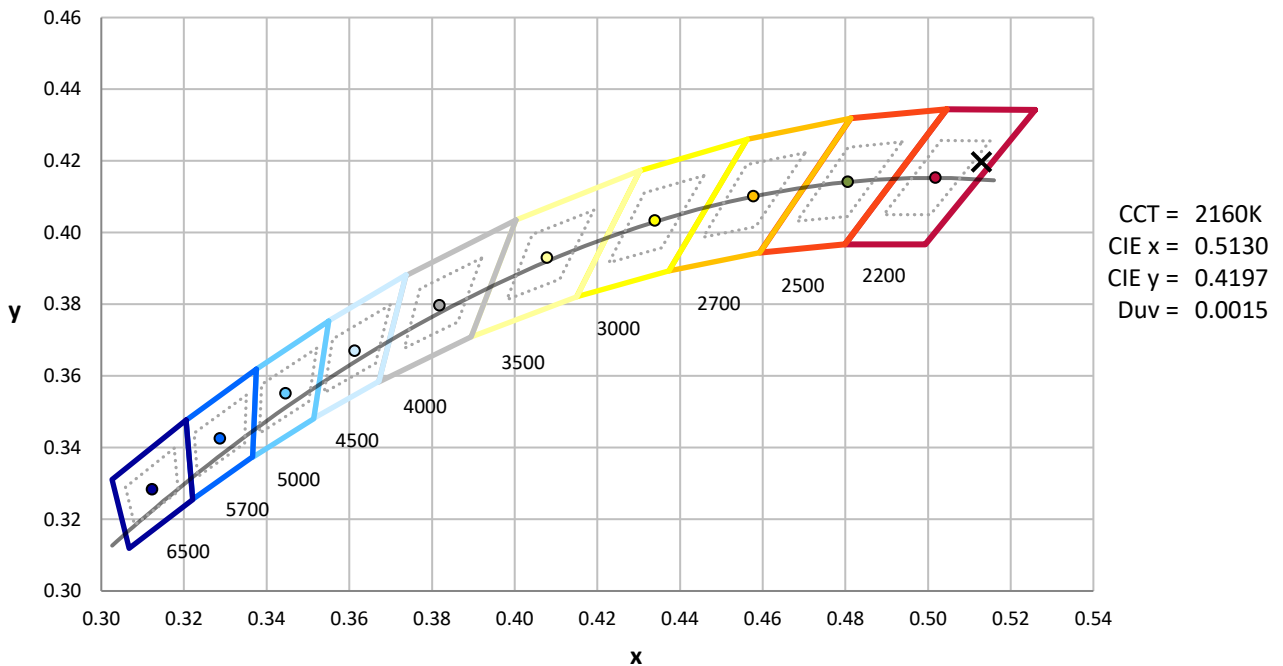
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



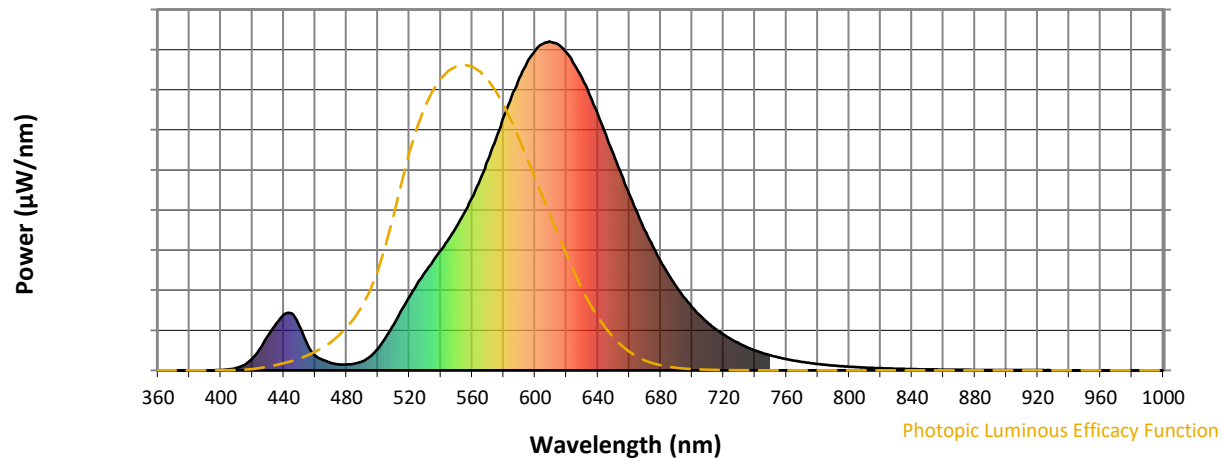
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

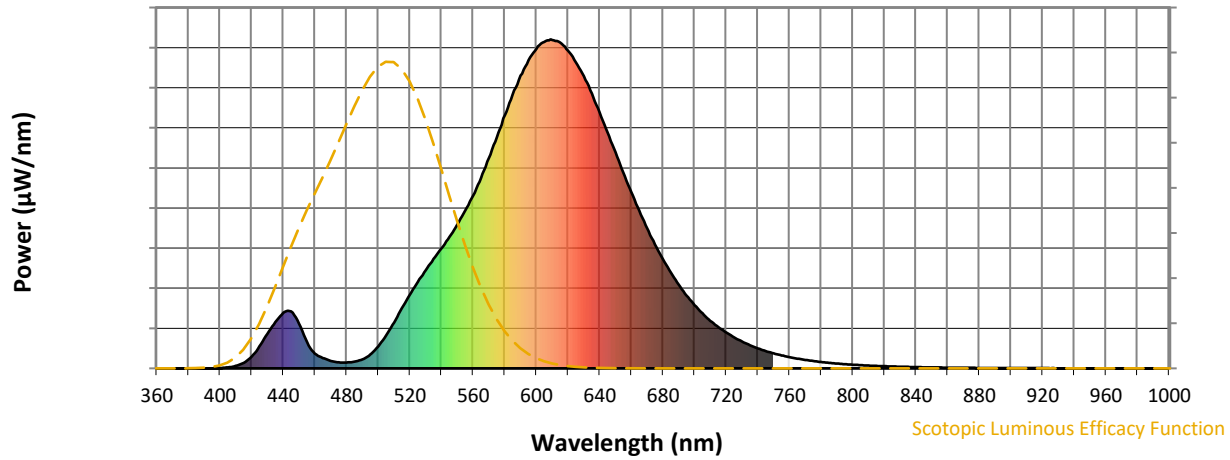


Photopic Lumens: NR

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	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



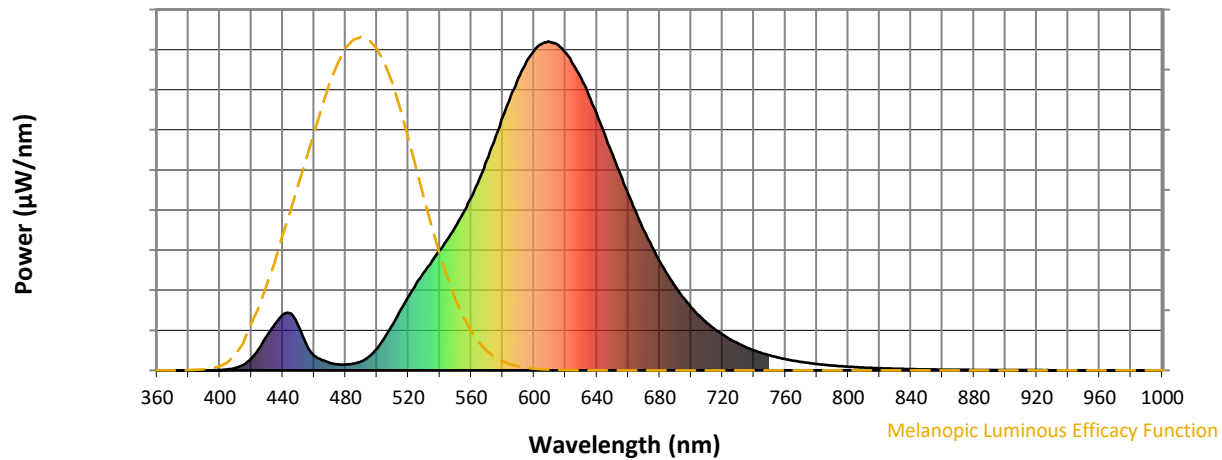
Scotopic Lumens: NR

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

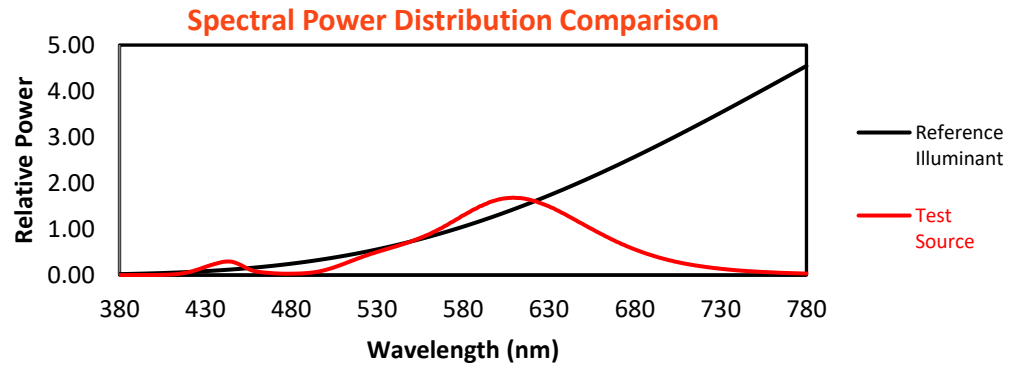
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	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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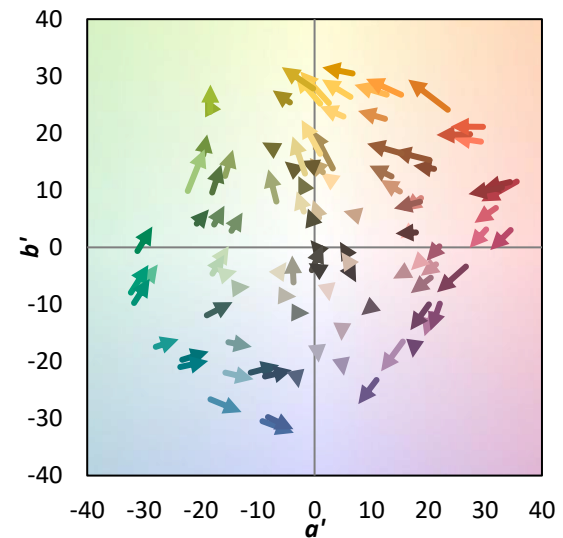
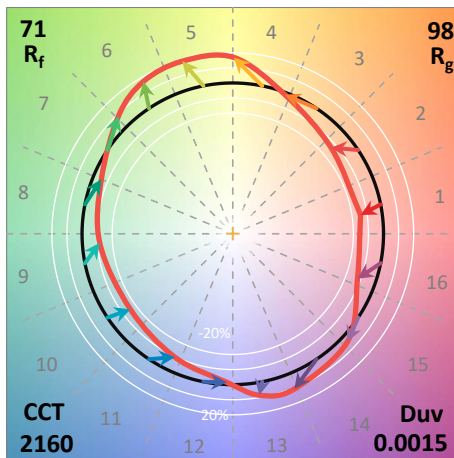
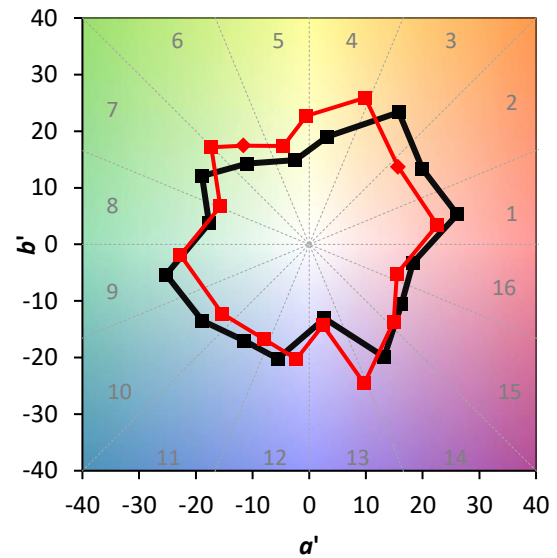
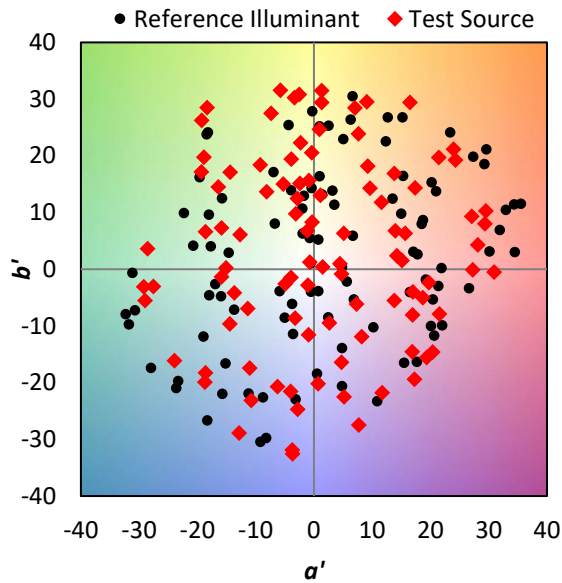
TM-30-18

Summary

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

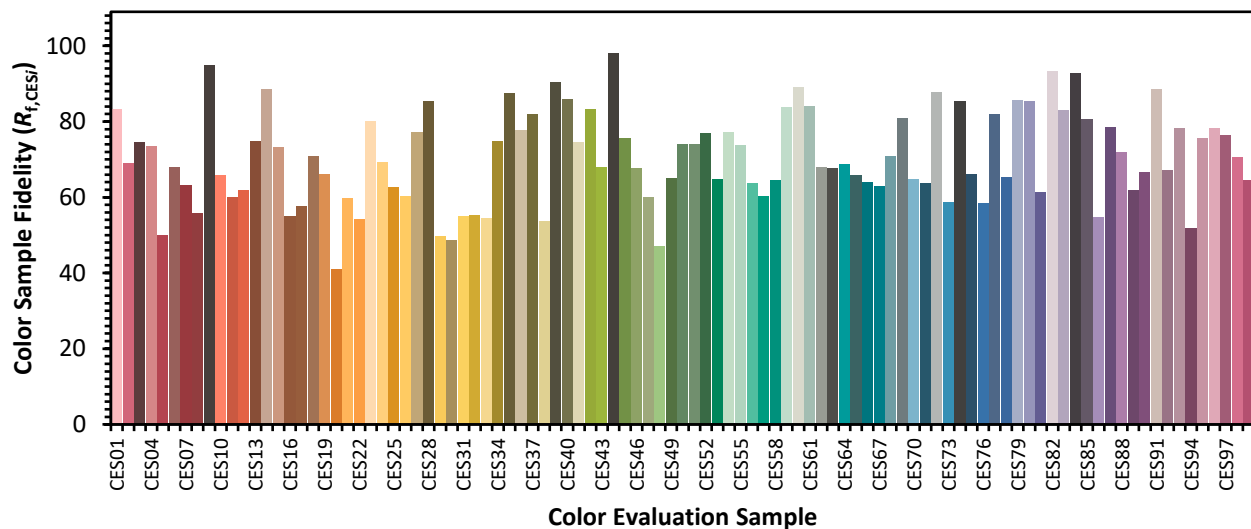


Color Vector Graphics

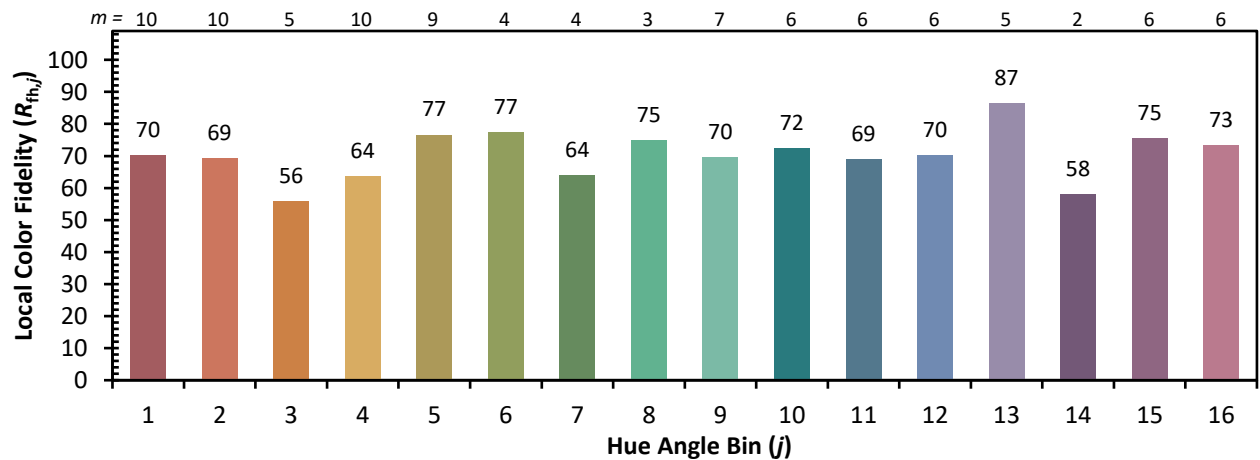
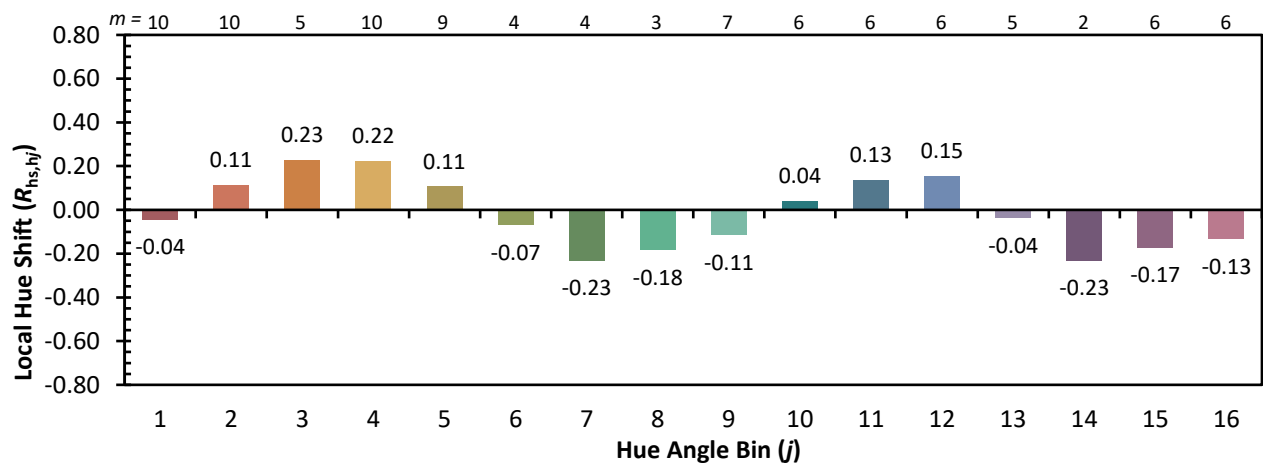
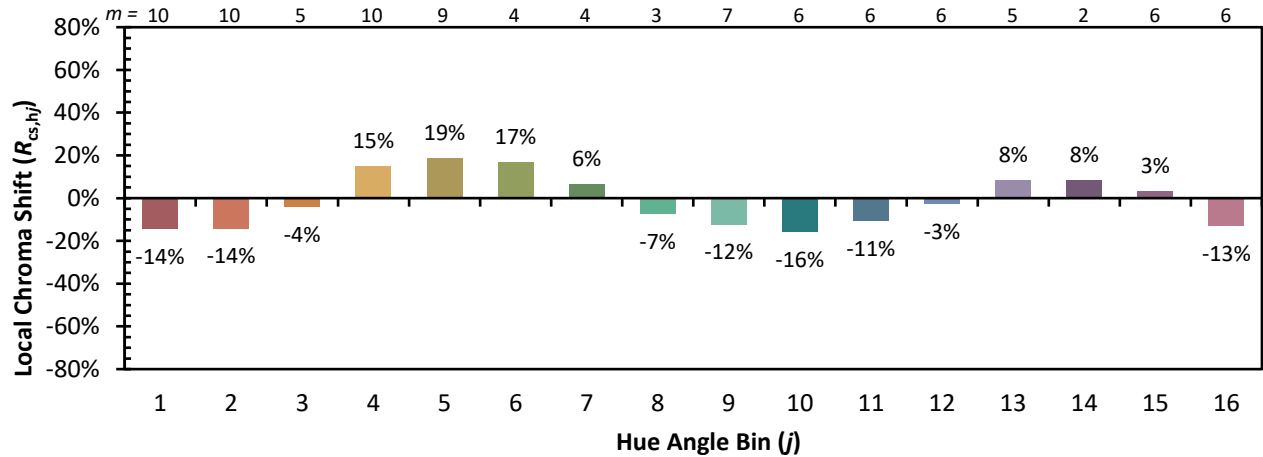


Individual Sample Fidelity Index ($R_{f,i}$)

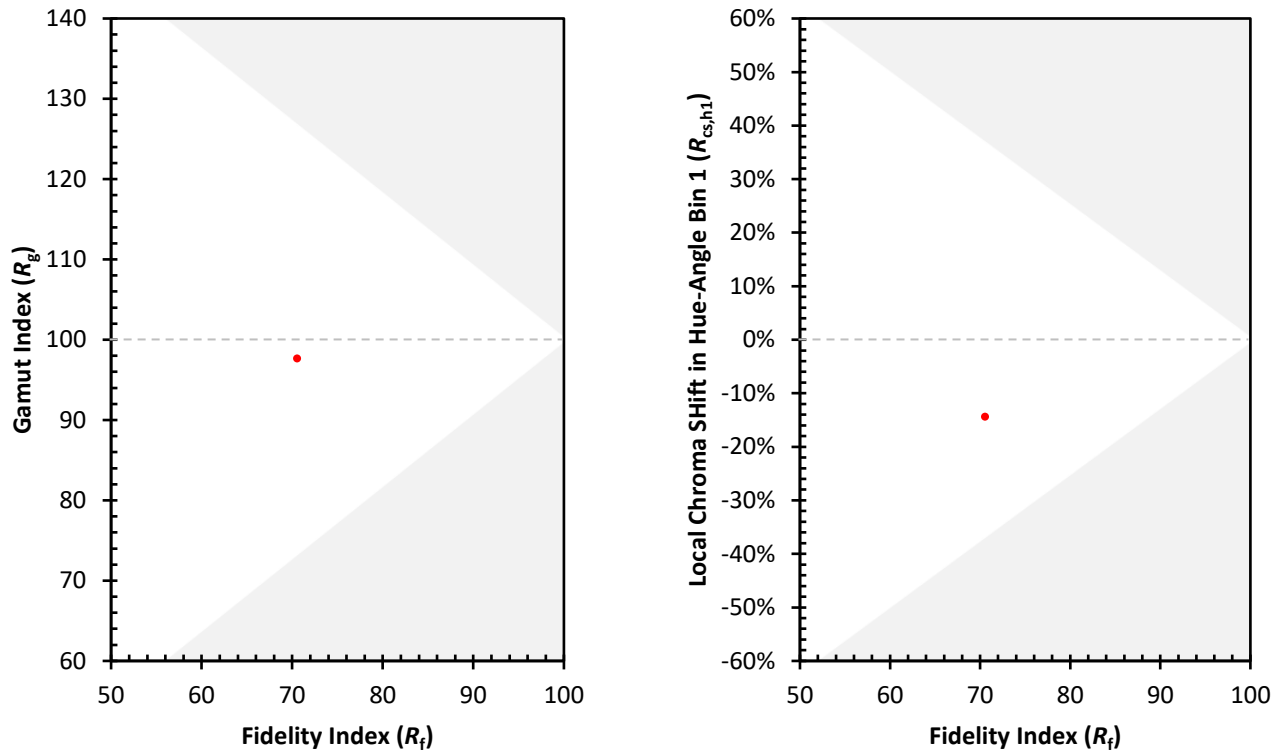
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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)