

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: P1063302

Luminaire Tested: **GLAN-SA2B-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063302
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2B-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6682.8 lumens
Efficiency: N/A
Efficacy: 91.8 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): 72.8
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

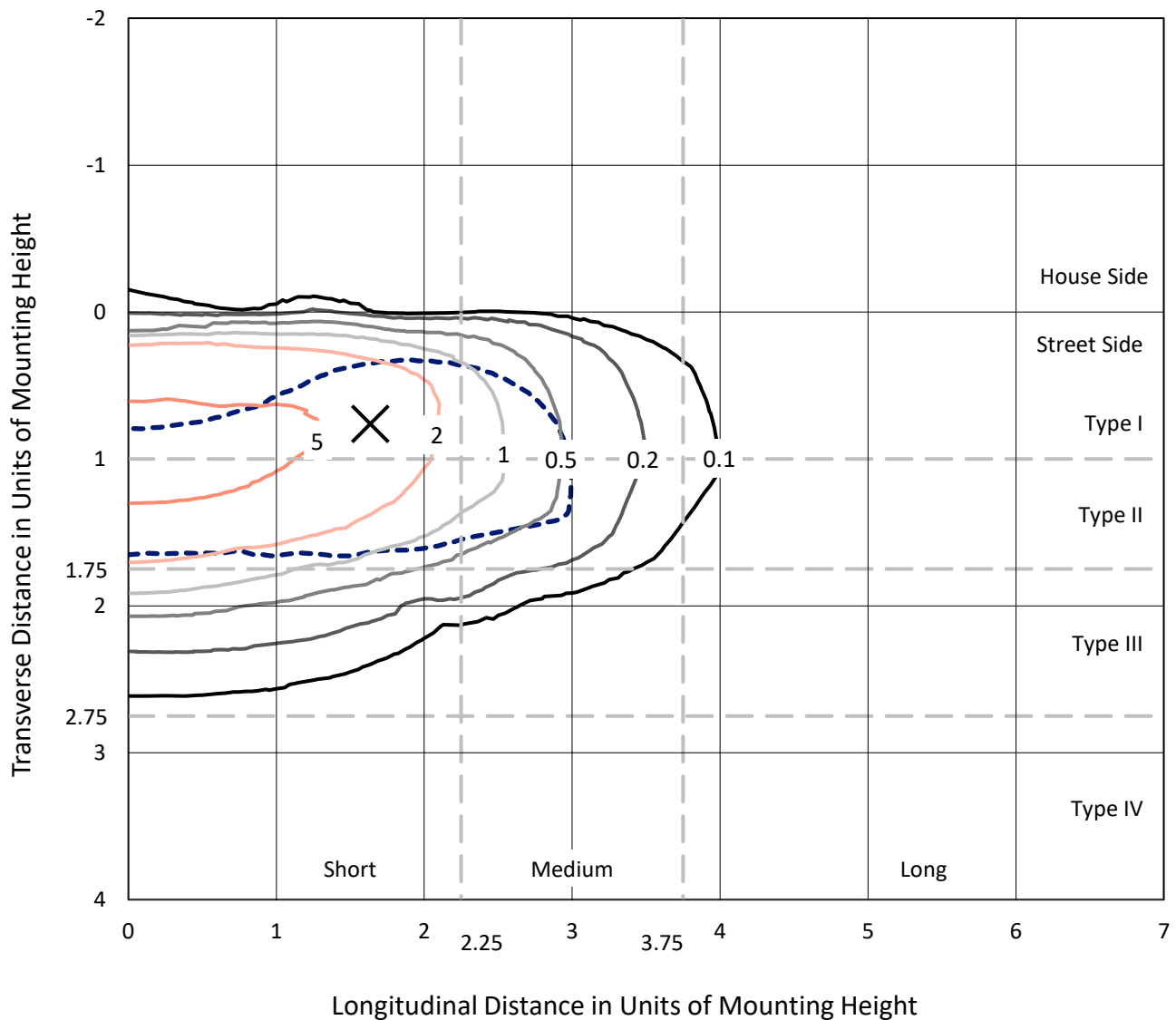


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

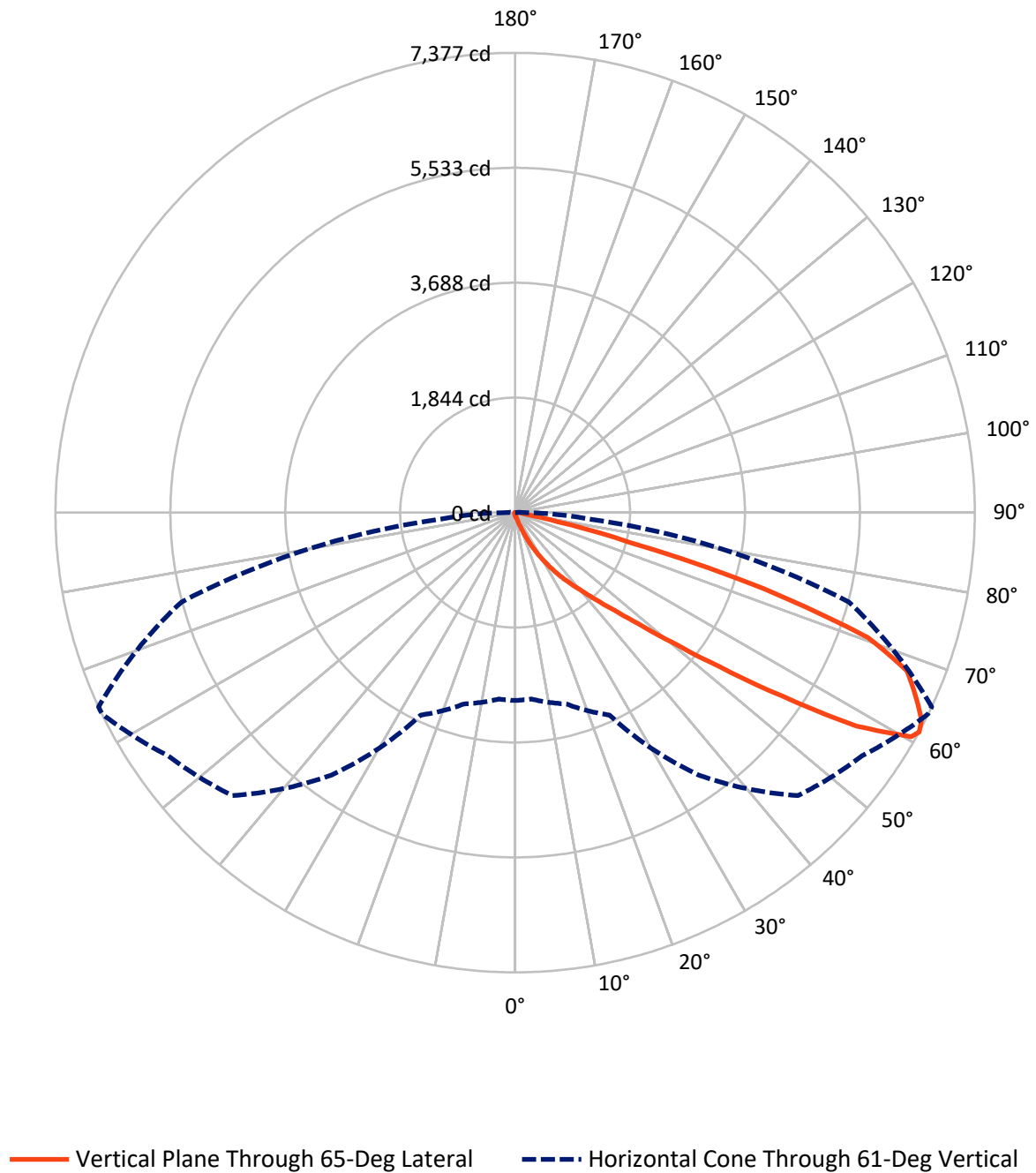


Based on 15 foot mounting height. Maximum calculated value = 8.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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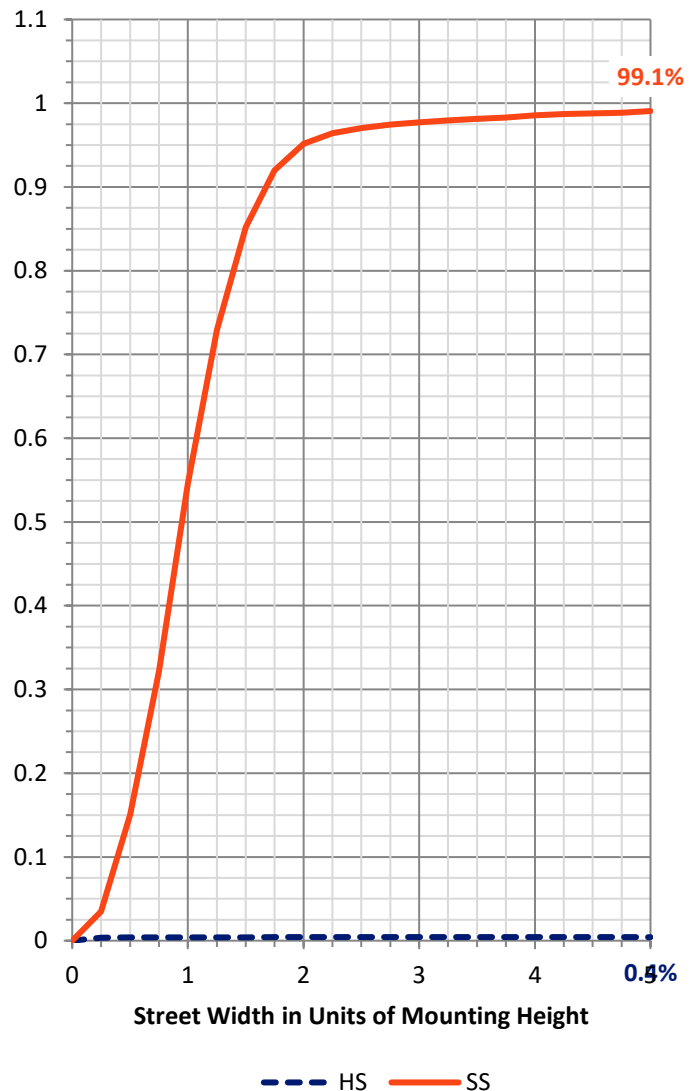
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.5	0.0	28.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6654.3	0.0	6654.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	6682.8	0.0	6682.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	55.0	0.8
20°-30°	197.2	3.0
30°-40°	525.1	7.9
40°-50°	1379.4	20.6
50°-60°	2136.9	32.0
60°-70°	1791.8	26.8
70°-80°	527.3	7.9
80°-90°	65.0	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°	6682.8	100.0
0°-180°	6682.8	100.0



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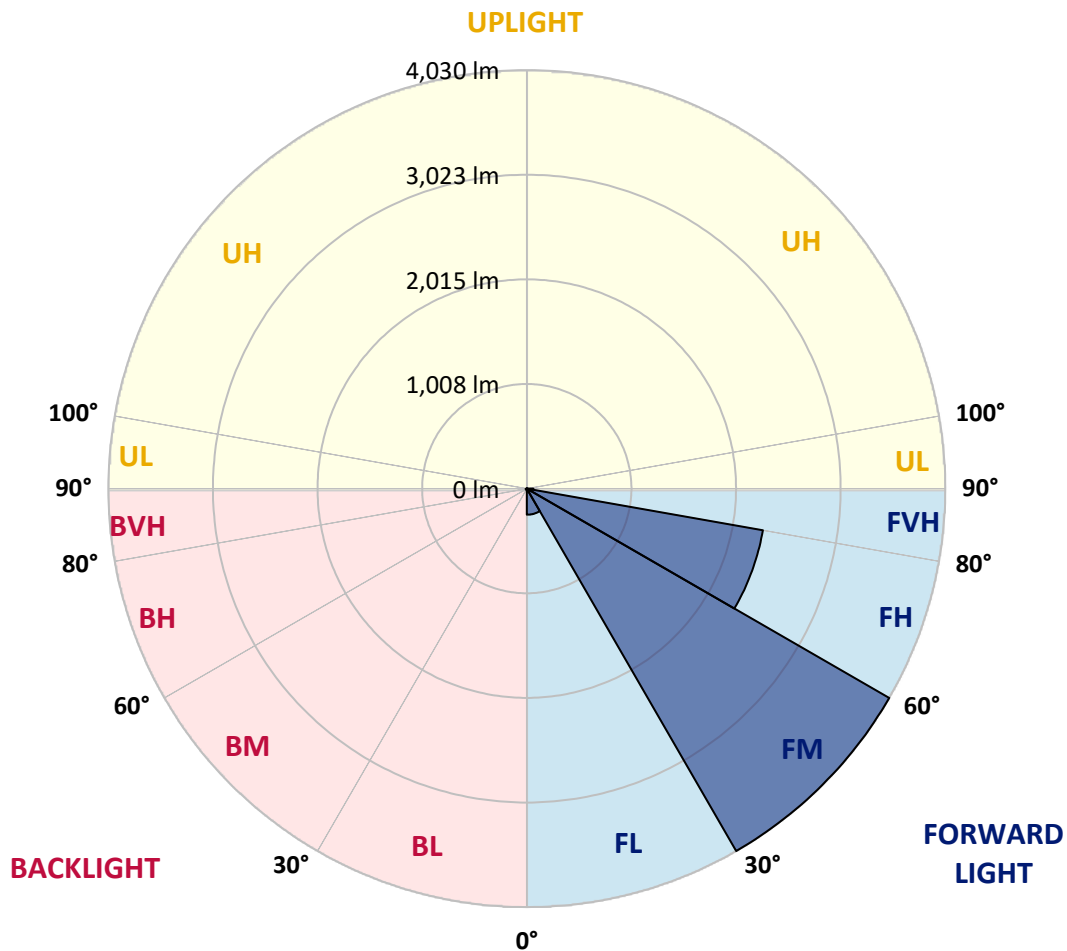
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	251.0	3.8			
FM	(30°-60°)	4030.5	60.3			
FH	(60°-80°)	2309.0	34.6			G2/5000
FVH	(80°-90°)	63.8	1.0			G1/100
BL	(0°-30°)	6.4	0.1	B0/110		
BM	(30°-60°)	10.9	0.2	B0/220		
BH	(60°-80°)	10.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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 II Short



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CATALOG NUMBER: GLAN-SA2B-722-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	49.6	50.1	49.2	47.3	46.0	46.0	45.5	44.1	44.1	42.8	41.8
5°	69.4	68.5	66.7	63.0	59.8	56.5	53.3	50.1	49.6	45.5	42.8
7.5°	113.5	114.5	108.5	97.0	87.3	74.9	63.4	56.5	55.6	48.7	43.2
10°	249.2	242.3	228.5	183.9	151.2	114.0	84.6	65.7	64.8	52.4	44.1
12.5°	454.2	448.7	423.4	377.4	293.3	204.1	123.7	81.4	78.6	55.6	44.6
15°	654.6	645.9	632.1	585.7	487.3	365.9	202.3	111.2	103.9	60.2	44.1
17.5°	782.4	783.8	771.4	751.6	688.2	541.5	349.4	166.0	151.7	68.5	43.2
20°	894.1	890.9	897.8	887.2	842.6	736.0	508.4	263.0	238.6	81.8	43.7
22.5°	1022.8	1030.7	1035.7	1033.4	984.2	893.2	689.1	393.5	362.7	106.2	45.1
25°	1195.2	1194.3	1194.8	1188.8	1141.0	1039.9	870.2	555.8	524.5	145.7	48.3
27.5°	1375.9	1381.4	1383.7	1362.1	1299.6	1200.3	1038.0	733.2	696.5	209.2	52.4
30°	1622.8	1618.2	1607.6	1563.5	1487.6	1364.4	1203.5	919.4	880.8	297.9	58.8
32.5°	1955.6	1950.5	1897.2	1799.7	1686.2	1535.4	1369.9	1106.1	1059.2	408.7	67.6
35°	2504.0	2511.8	2380.8	2128.4	1924.8	1740.9	1554.3	1291.8	1250.4	545.2	79.5
37.5°	3343.9	3301.1	3123.2	2677.3	2238.8	1997.4	1730.3	1479.3	1443.5	713.5	95.2
40°	4159.9	4117.6	4066.1	3643.6	2784.4	2280.1	1976.7	1699.5	1653.1	903.3	118.1
42.5°	5017.7	4994.2	4991.9	4673.4	3780.2	2724.7	2273.2	1957.4	1917.9	1111.6	155.8
45°	5625.4	5602.0	5651.2	5706.8	5136.3	3677.2	2789.5	2292.5	2235.1	1364.4	216.1
47.5°	5707.2	5708.2	5839.6	6013.9	6144.0	5150.5	3477.2	2736.6	2666.7	1726.2	317.2
50°	5435.1	5445.7	5654.8	5966.5	6316.8	6386.7	4689.9	3381.1	3277.7	2155.1	460.6
52.5°	4917.0	4929.0	5220.4	5733.0	6157.7	6683.7	6117.8	4224.2	4105.2	2690.2	662.9
55°	4450.4	4457.8	4792.0	5439.7	5966.1	6522.3	6965.5	5350.0	5193.7	3348.5	862.4
57.5°	3988.4	3971.4	4188.8	4930.3	5933.4	6324.2	7090.5	6633.1	6460.7	4067.9	1017.8
60°	3370.6	3342.1	3516.7	3988.4	5504.0	6454.3	6856.5	7342.9	7303.8	5069.6	1137.8
61°	3015.2	3003.3	3178.9	3583.4	5142.7	6421.2	6800.4	7372.8	7376.9	5543.6	1191.6
62.5°	2153.3	2187.3	2455.7	2981.6	4307.4	6206.5	6807.8	7280.3	7321.3	6173.4	1330.8
65°	957.1	1011.8	1220.5	1648.5	2504.9	5162.9	6742.5	7077.6	7057.4	6346.2	1810.8
67.5°	567.7	576.0	679.9	934.1	1326.7	2777.1	5950.0	6809.6	6782.5	5524.7	2253.0
70°	447.3	451.4	484.5	586.1	770.0	1063.8	3395.8	5891.6	6009.7	4479.8	2205.7
72.5°	424.3	423.4	428.0	445.9	485.0	527.7	1314.8	3916.2	4156.7	3226.2	1849.4
75°	418.8	417.0	412.4	405.5	351.2	310.8	407.3	1732.2	1871.5	2204.3	1392.4
77.5°	406.4	406.8	407.8	388.9	301.1	219.7	197.2	555.8	683.6	1398.9	989.7
80°	274.9	279.0	285.9	278.6	270.8	159.1	139.3	197.7	200.4	785.2	653.7
82.5°	139.3	139.3	136.1	121.4	104.8	103.4	110.8	143.4	145.3	397.2	307.5
85°	84.1	88.7	90.6	82.3	75.4	69.4	84.6	114.0	118.1	154.0	71.7
87.5°	18.8	19.3	21.1	28.0	40.9	55.6	78.6	104.4	106.2	98.8	8.7
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: GLAN-SA2B-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	41.4	40.5	40.0	38.6	37.2	35.9	34.9	34.5	34.9	35.4	35.4
5°	40.9	39.5	37.2	34.9	33.1	31.3	29.4	29.0	29.0	29.4	29.4
7.5°	40.9	38.6	35.4	32.6	29.9	27.1	25.7	24.8	25.3	25.3	25.3
10°	40.9	38.2	34.0	29.9	26.7	23.4	21.1	20.2	20.2	20.2	20.2
12.5°	40.5	37.7	32.6	27.6	23.0	19.3	16.5	15.2	15.6	15.6	15.6
15°	39.5	36.3	30.8	23.4	18.4	14.7	12.0	10.6	11.0	12.0	12.4
17.5°	38.2	34.9	27.6	19.8	14.7	11.0	8.3	7.4	7.8	9.2	9.2
20°	37.7	33.6	24.4	16.1	11.0	7.8	5.5	4.6	5.1	6.9	7.4
22.5°	37.7	32.6	22.1	13.3	8.3	5.1	3.2	1.8	1.8	3.2	3.2
25°	38.2	32.2	20.2	11.0	6.0	3.7	1.8	0.9	1.8	5.1	6.0
27.5°	39.1	31.7	19.3	9.2	4.6	3.2	1.4	3.2	5.5	5.5	5.5
30°	40.0	30.8	17.9	7.8	4.1	2.3	2.3	4.6	4.6	5.5	6.0
32.5°	41.4	30.3	17.0	6.9	3.2	1.8	3.2	2.8	2.8	3.2	3.7
35°	44.1	30.8	16.1	6.9	3.2	2.3	2.8	1.4	0.9	0.9	0.9
37.5°	47.8	31.3	14.7	6.0	2.8	2.8	1.4	0.0	0.0	0.0	0.0
40°	53.8	32.6	13.8	5.5	2.3	2.3	0.5	0.0	0.0	0.0	0.0
42.5°	63.9	35.4	13.3	5.1	2.3	1.8	0.0	0.0	0.0	0.0	0.0
45°	84.1	41.8	12.4	4.6	2.3	0.9	0.0	0.0	0.0	0.0	0.0
47.5°	120.9	57.0	12.0	3.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	176.5	77.2	11.5	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	225.3	81.4	7.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	230.8	56.1	6.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	183.9	36.3	5.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	139.3	27.6	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	133.8	24.8	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	147.6	21.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	240.0	17.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	417.0	15.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	526.8	14.7	2.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	459.2	13.3	2.8	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	276.3	11.5	2.8	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	144.8	8.7	2.8	2.3	1.4	0.5	0.0	0.0	0.0	0.0	0.0
80°	70.3	7.8	3.2	2.3	1.8	0.9	0.0	0.0	0.0	0.0	0.0
82.5°	27.6	6.4	3.7	3.2	2.3	1.4	0.5	0.0	0.0	0.0	0.0
85°	12.4	5.5	4.1	3.7	3.2	1.8	0.5	0.0	0.0	0.0	0.0
87.5°	6.4	5.1	4.6	4.1	3.2	2.3	0.9	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

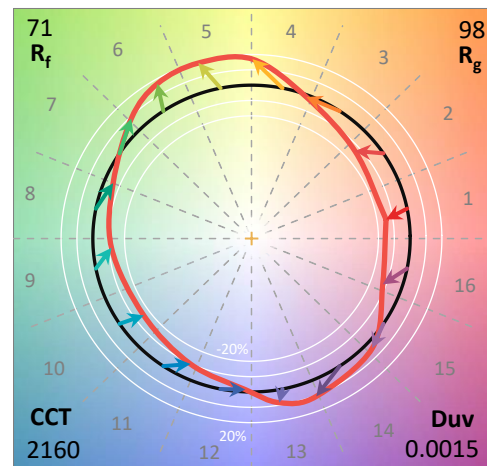
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

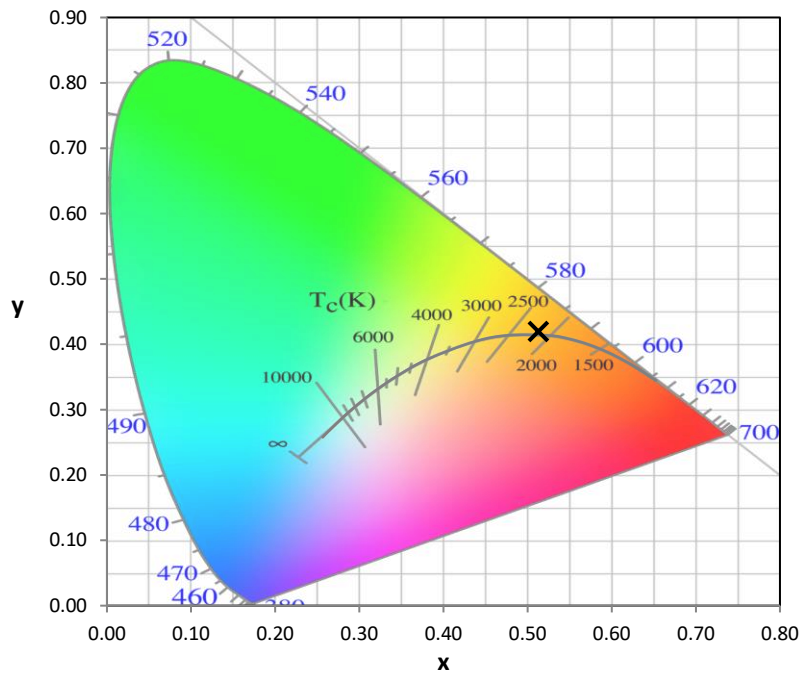
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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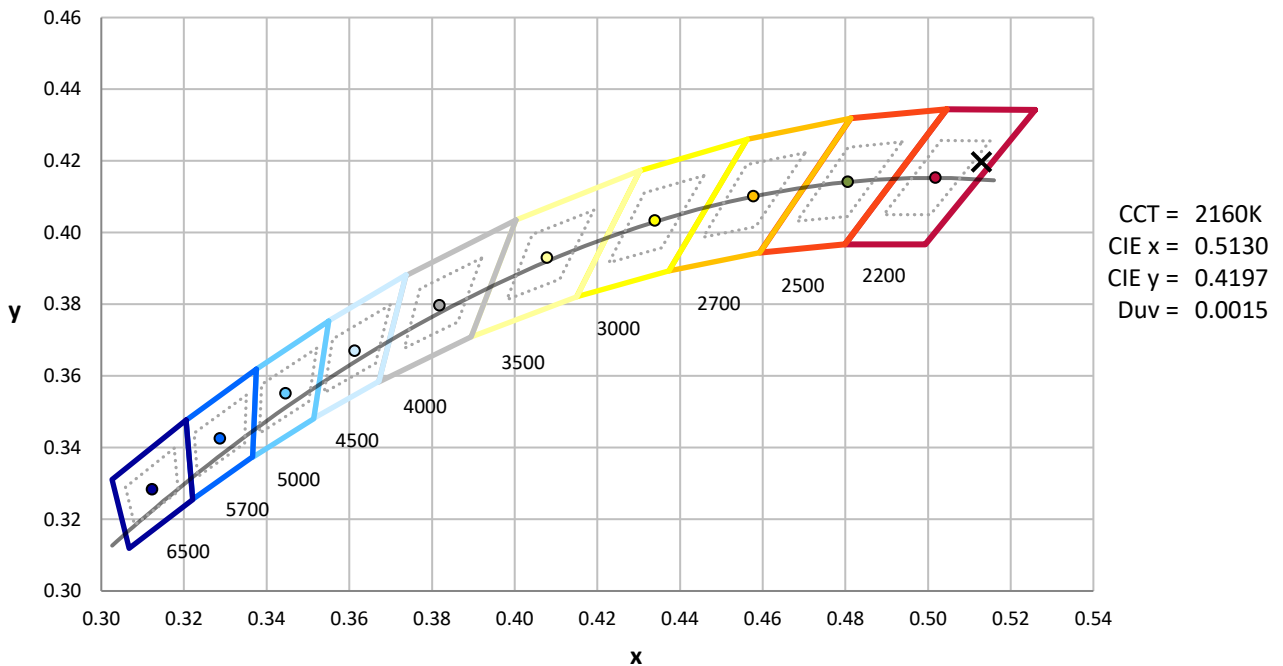
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



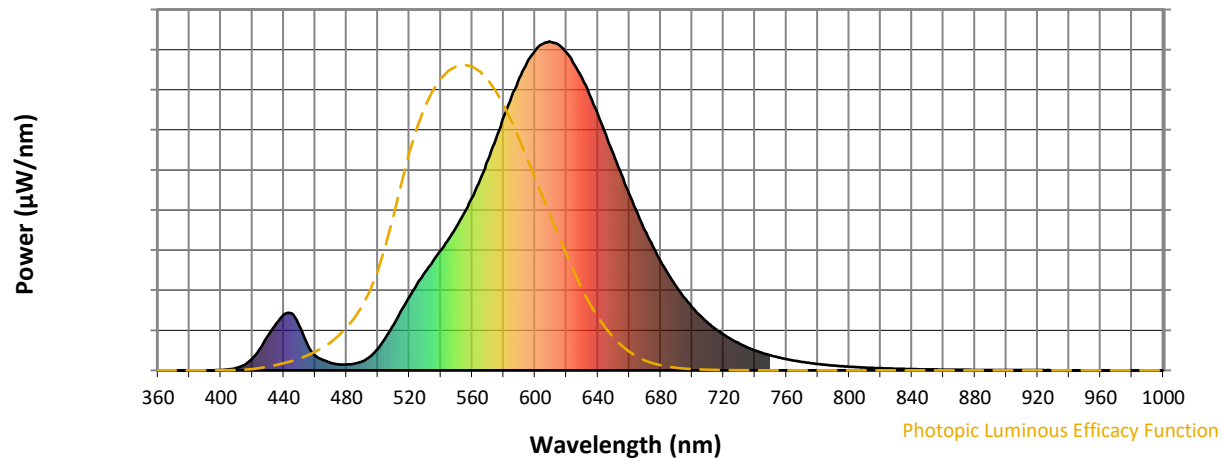
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

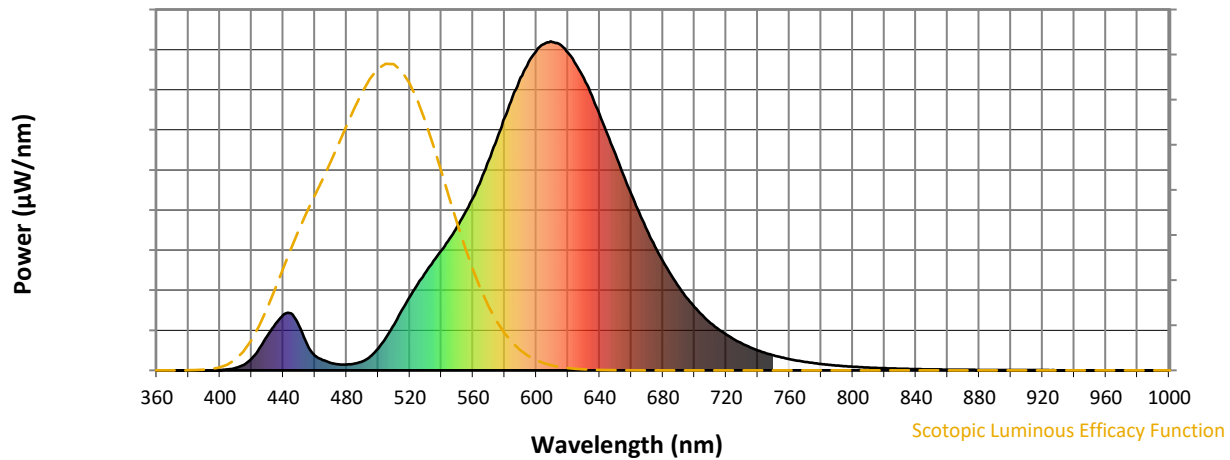


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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



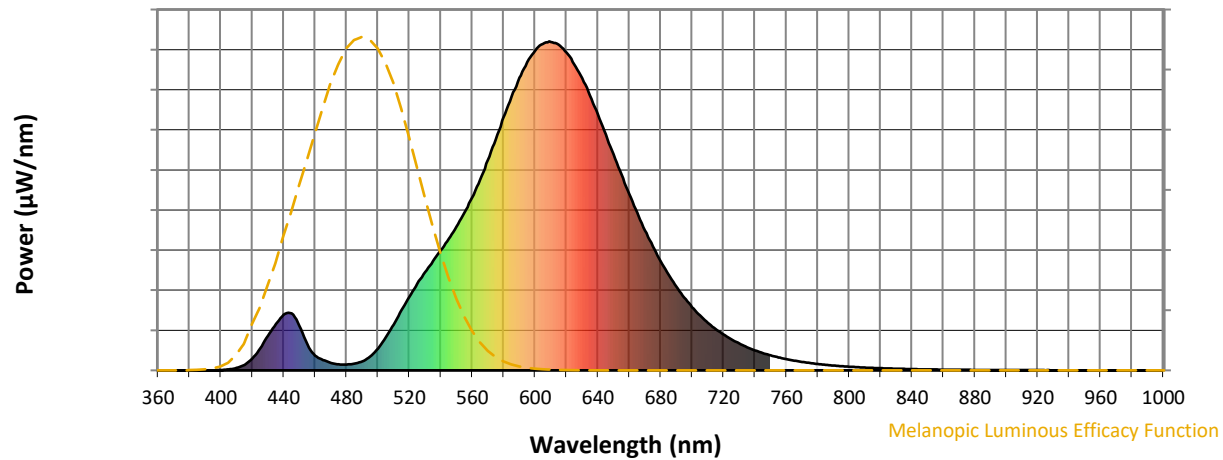
Scotopic Lumens: NR

S/P: 0.8

λ (nm)	Power 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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.21

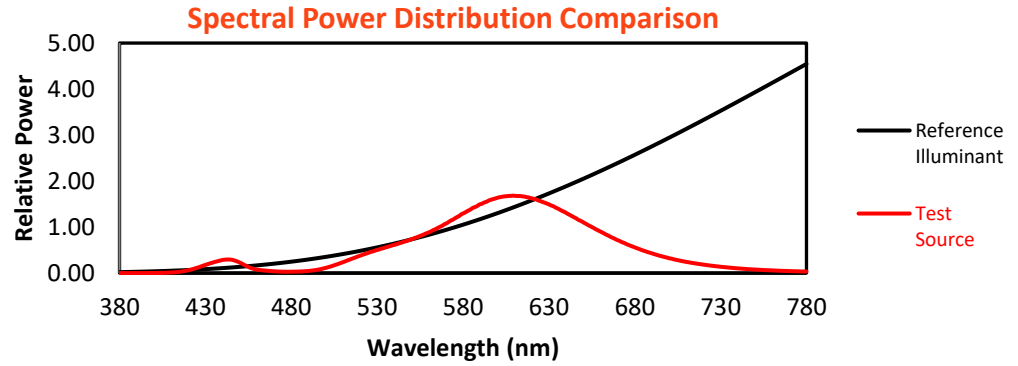
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27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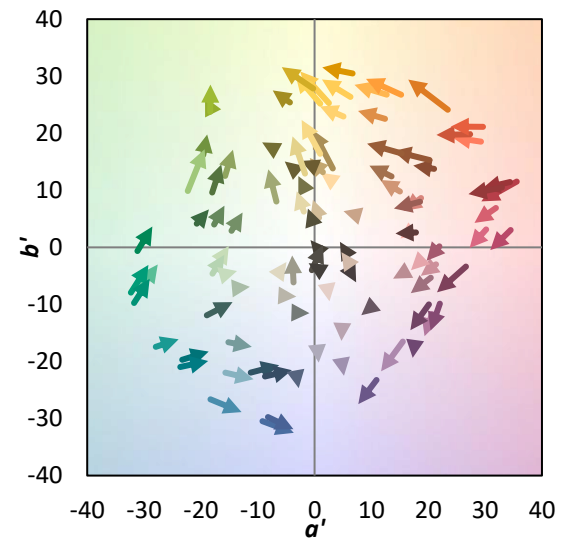
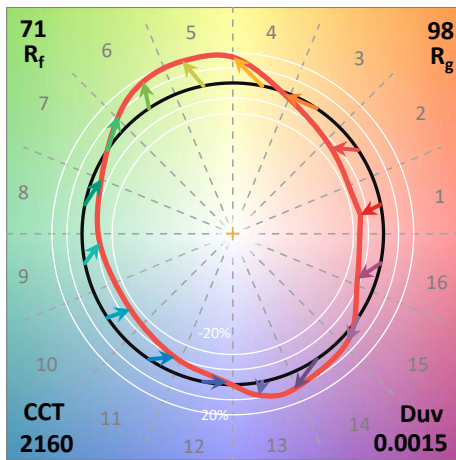
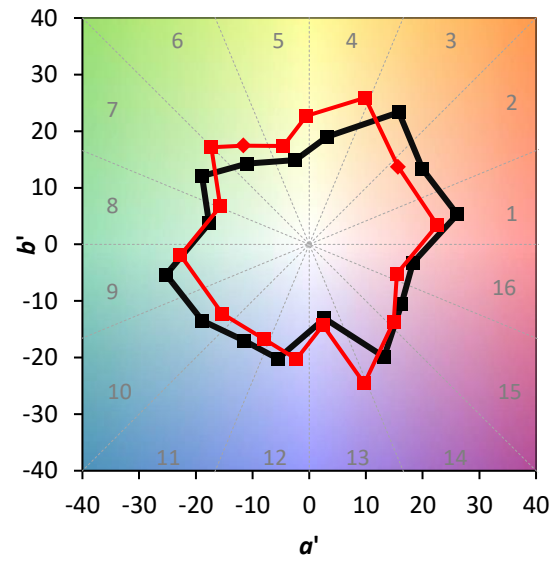
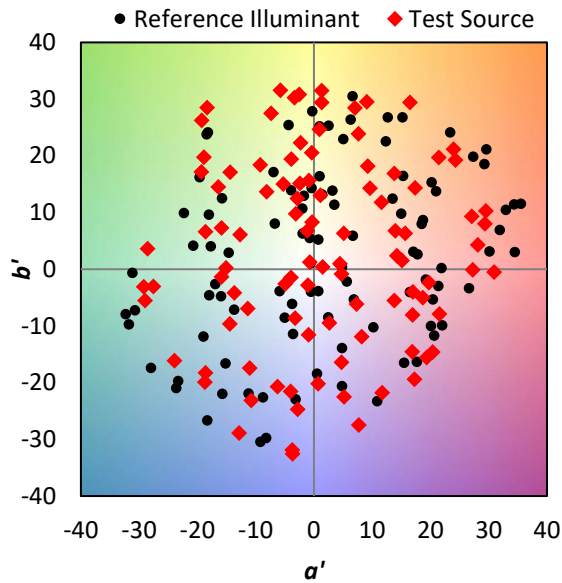
TM-30-18

Summary

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

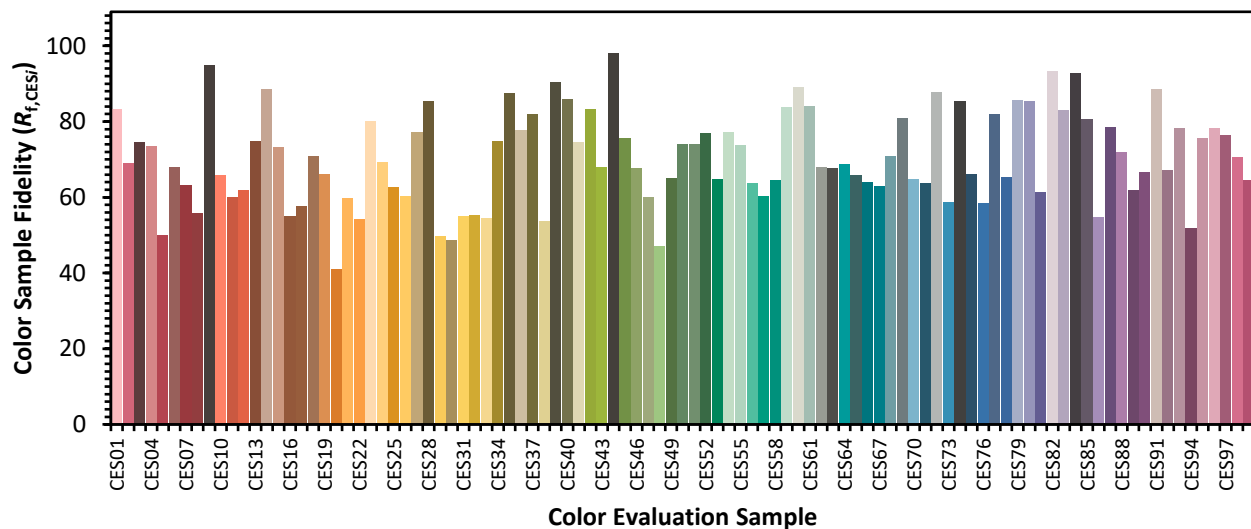


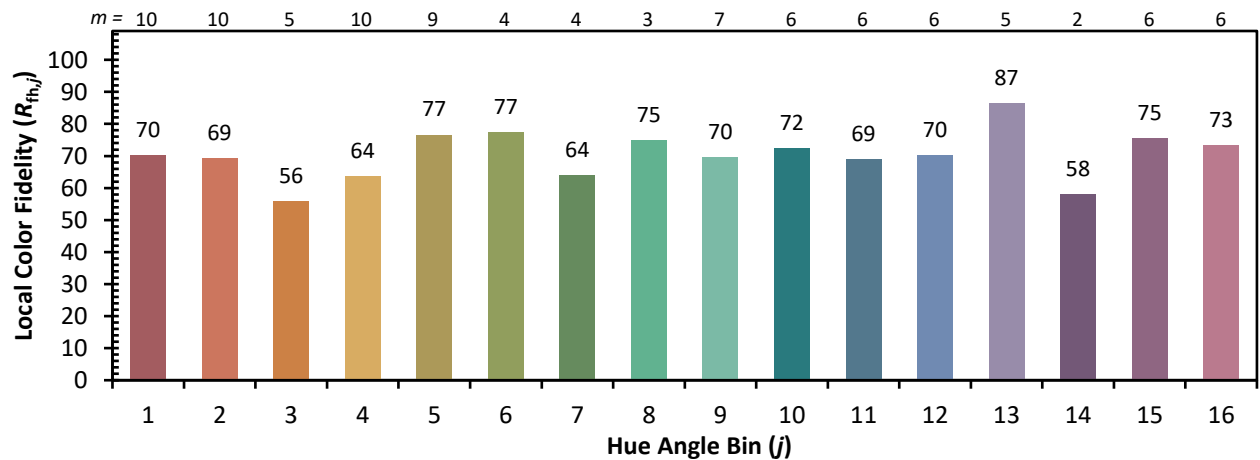
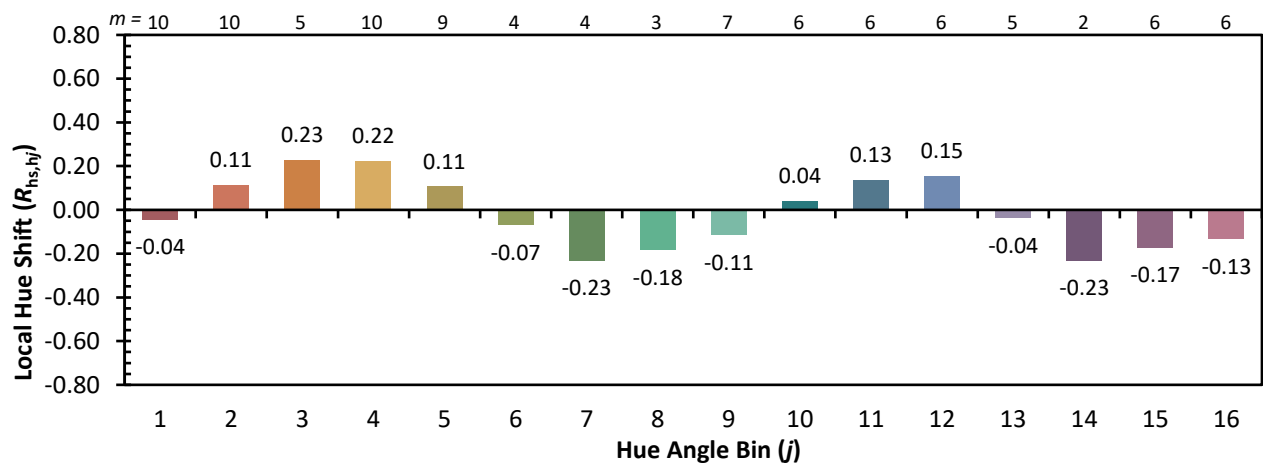
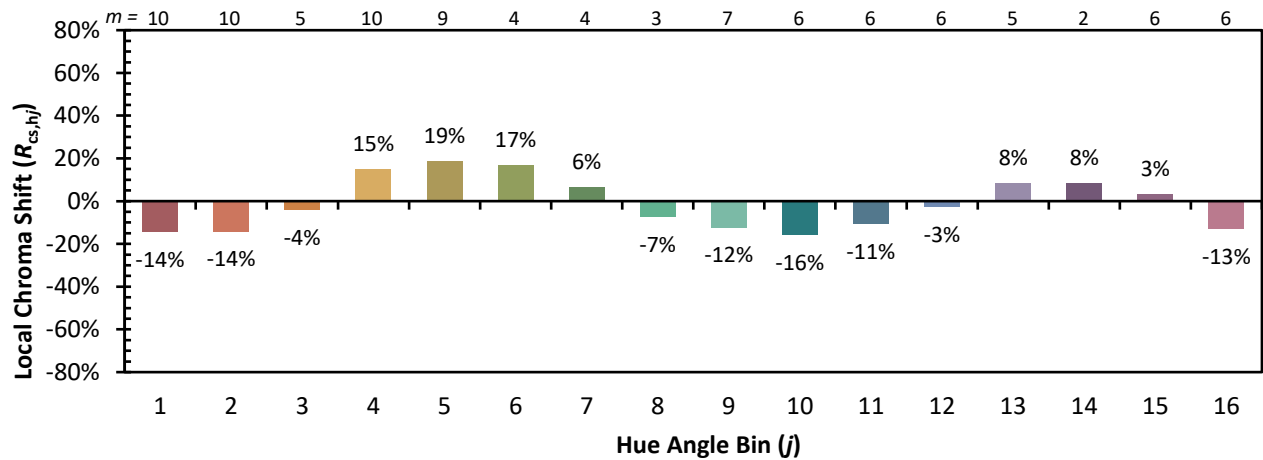
Color Vector Graphics



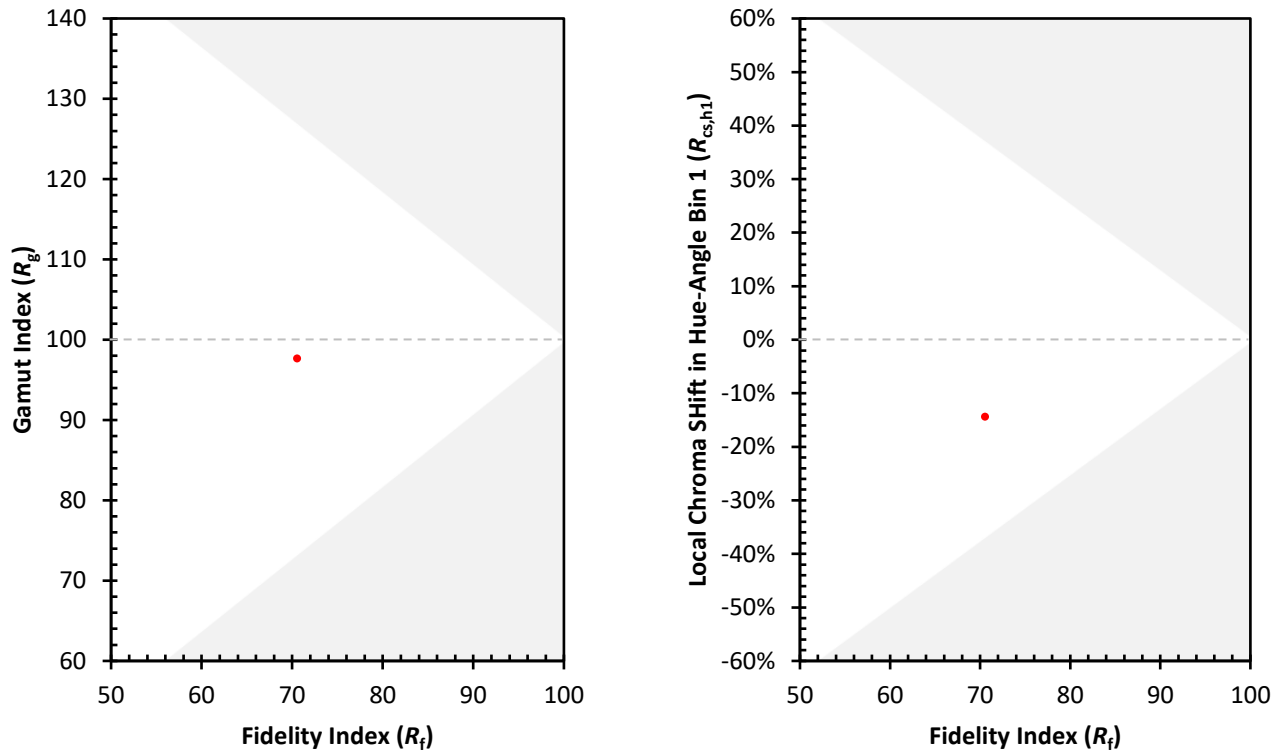
Individual Sample Fidelity Index ($R_{f,i}$)

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)