

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: P991083

Luminaire Tested: **GPC-SA1A-722-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991083
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA1A-722-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 70CRI
2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2607.7 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.4
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: 24 FT

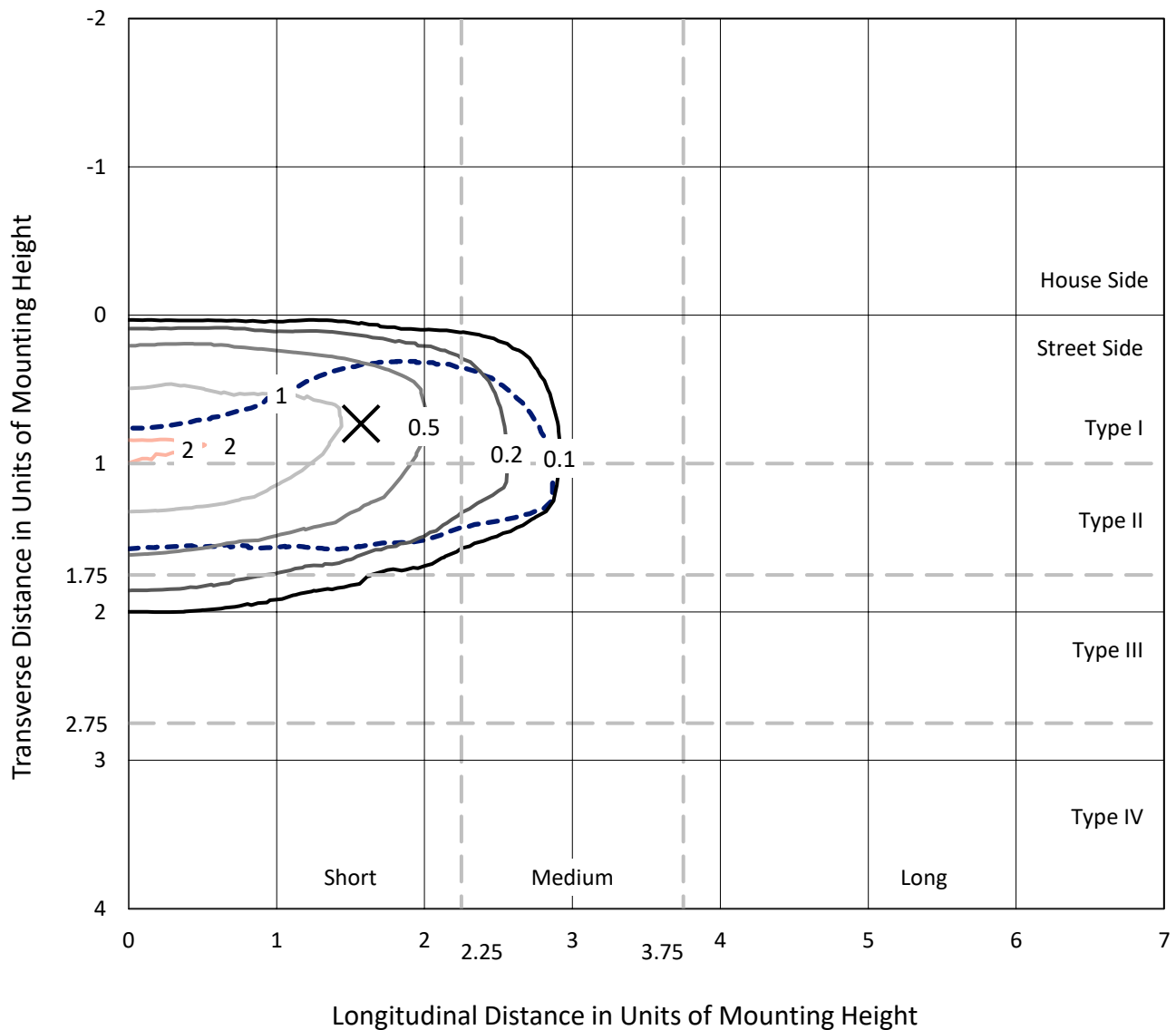


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Iso-Footcandle Lines of Horizontal Illumination

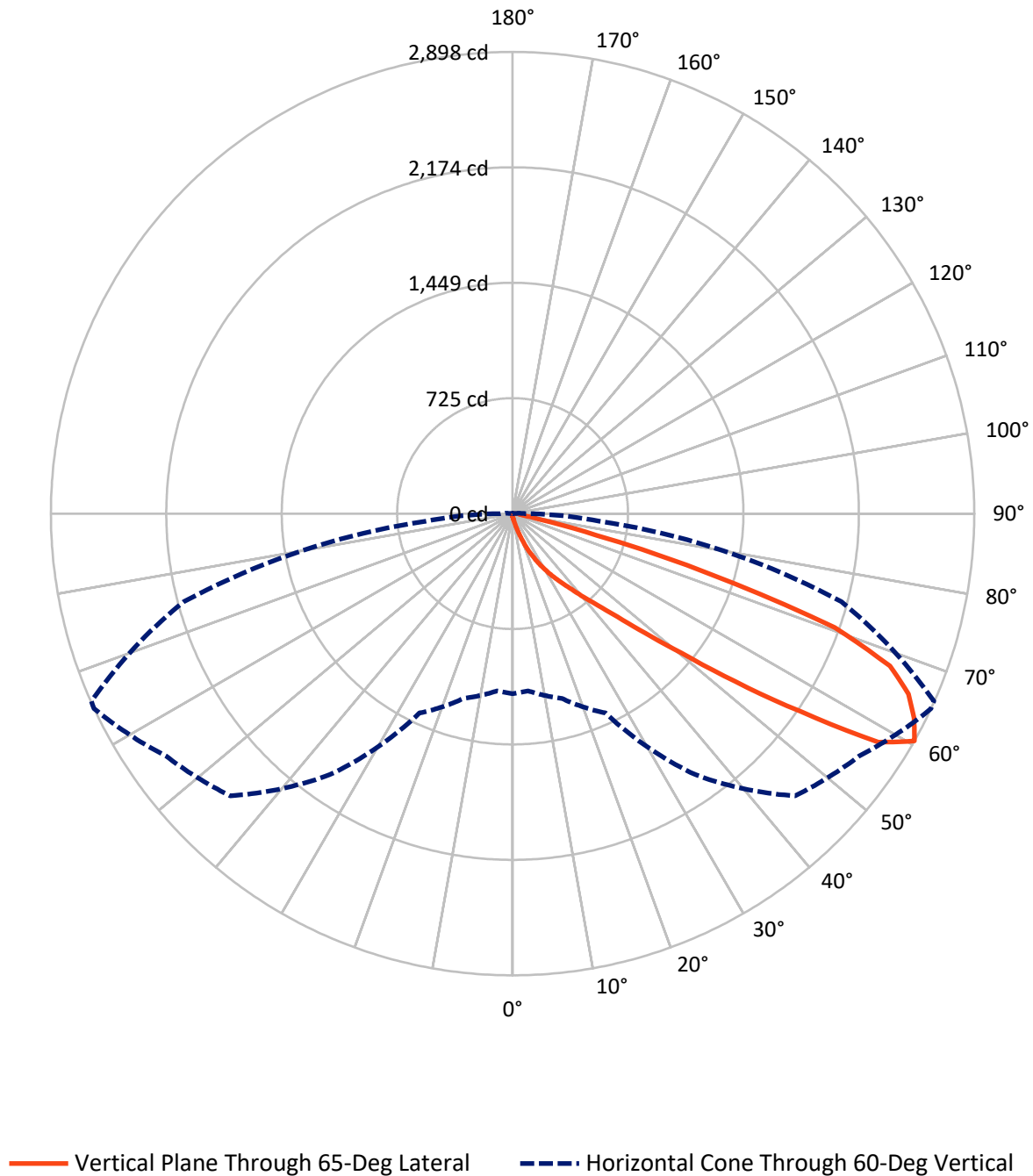
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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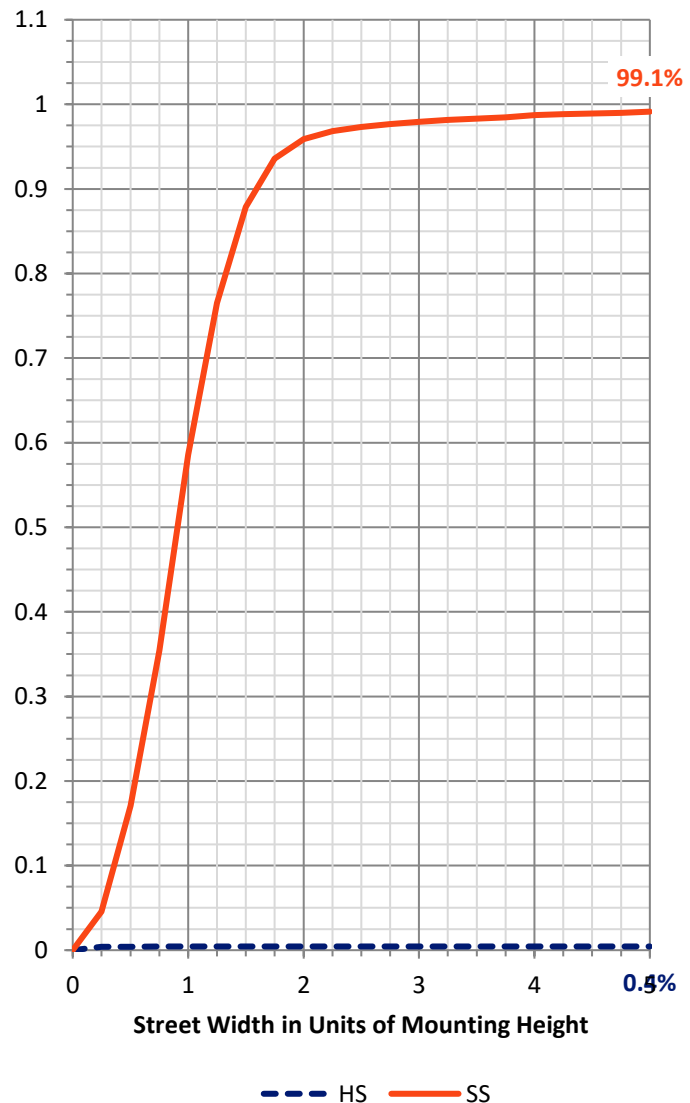
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.6	0.0	11.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2596.1	0.0	2596.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	2607.7	0.0	2607.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	28.8	1.1
20°-30°	88.3	3.4
30°-40°	229.4	8.8
40°-50°	577.5	22.1
50°-60°	837.1	32.1
60°-70°	645.6	24.8
70°-80°	178.1	6.8
80°-90°	19.4	0.7
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°	2607.7	100.0
0°-180°	2607.7	100.0



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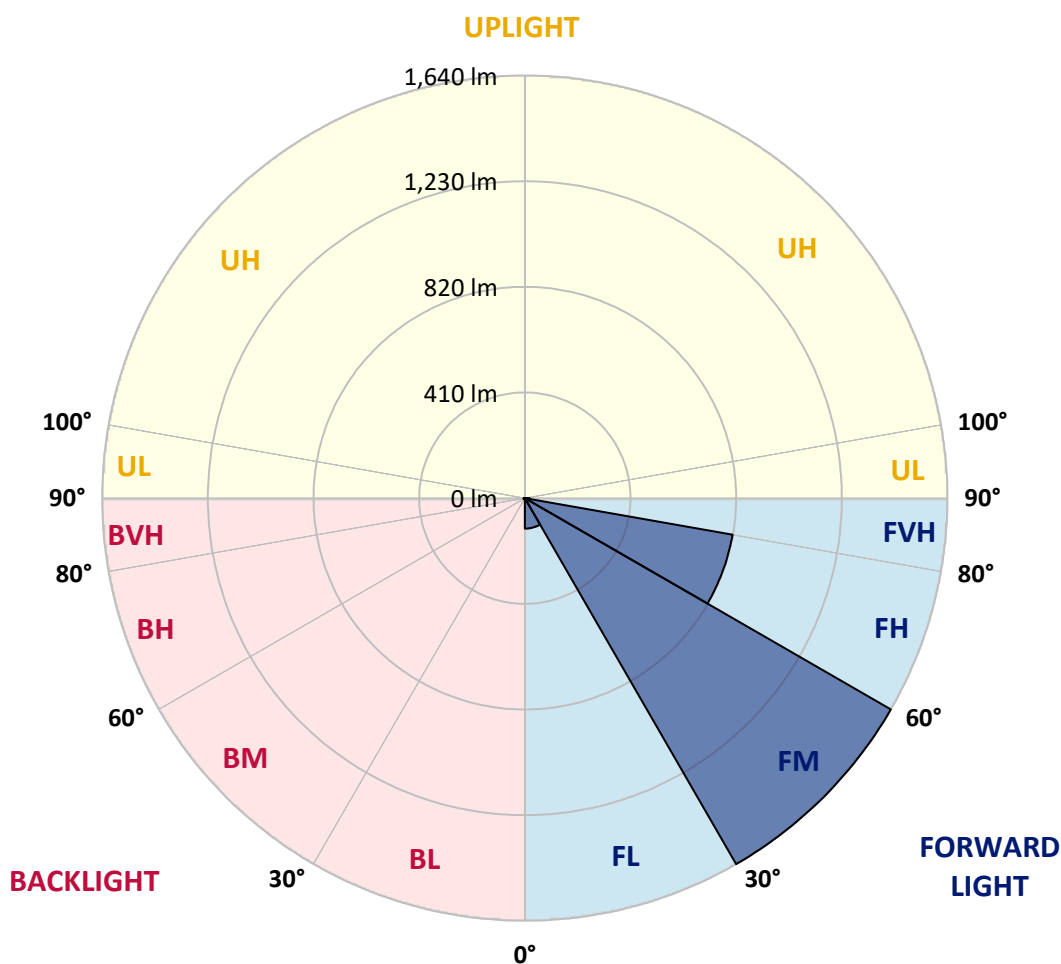
CATALOG NUMBER: GPC-SA1A-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	118.4	4.5			
FM	(30°-60°)	1640.1	62.9			
FH	(60°-80°)	818.6	31.4			G1/1800
FVH	(80°-90°)	19.0	0.7			G1/100
BL	(0°-30°)	2.1	0.1	B0/110		
BM	(30°-60°)	3.8	0.1	B0/220		
BH	(60°-80°)	5.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
2.5°	30.1	30.1	29.6	28.6	26.1	24.6	23.2	21.7	21.2	20.2	19.2
5°	54.7	53.7	53.2	48.3	43.4	37.5	31.5	26.6	26.1	22.7	19.7
7.5°	114.8	114.8	105.0	93.1	79.8	61.6	45.3	35.0	33.5	26.1	20.2
10°	187.7	188.2	181.8	163.1	139.0	108.4	73.4	45.3	44.3	30.6	20.7
12.5°	253.3	252.8	246.4	233.1	206.5	168.0	115.3	65.5	61.6	35.5	20.7
15°	295.2	295.2	294.2	287.3	268.6	229.1	171.0	96.1	91.7	42.9	21.2
17.5°	336.1	338.5	335.1	332.1	318.3	288.8	229.1	138.5	129.6	54.7	22.2
20°	385.3	387.8	386.3	381.9	364.6	338.5	287.3	187.3	178.4	74.4	24.1
22.5°	442.5	444.5	441.5	440.0	418.4	385.3	341.0	245.9	232.6	99.5	26.6
25°	513.0	511.5	510.5	502.1	480.9	445.0	391.8	300.1	289.7	133.0	30.1
27.5°	595.8	593.8	587.4	576.5	545.5	506.1	446.0	357.7	347.9	173.5	35.0
30°	707.6	695.8	686.4	662.3	620.9	568.7	506.6	414.4	403.6	221.7	40.4
32.5°	865.3	861.9	825.4	762.3	702.7	640.1	574.1	474.5	463.2	271.5	47.8
35°	1148.1	1131.9	1068.3	909.6	797.8	729.8	642.6	534.7	522.8	329.2	57.7
37.5°	1466.0	1451.7	1390.1	1198.9	942.2	822.4	718.9	602.7	589.8	392.2	70.0
40°	1784.8	1780.4	1757.2	1604.5	1234.9	946.1	820.0	689.4	674.6	455.8	87.2
42.5°	2143.5	2130.7	2115.9	2064.2	1740.5	1194.0	960.4	788.4	775.6	534.2	111.9
45°	2257.4	2252.4	2270.2	2319.9	2270.2	1713.4	1178.2	923.4	910.6	634.7	147.3
47.5°	2218.9	2214.0	2262.8	2344.6	2458.4	2336.7	1515.8	1117.1	1093.5	754.9	200.1
50°	2024.8	2026.8	2113.0	2276.6	2439.7	2585.1	2079.5	1374.8	1358.6	925.9	271.0
52.5°	1841.0	1844.4	1952.3	2161.8	2341.1	2594.4	2617.1	1749.8	1679.8	1135.3	358.7
55°	1662.1	1657.2	1739.0	2054.3	2323.4	2466.3	2786.1	2189.9	2144.0	1406.9	445.0
57.5°	1472.9	1467.0	1509.8	1744.4	2286.4	2484.0	2741.8	2707.8	2653.1	1718.8	514.4
60°	1129.9	1116.6	1201.4	1380.7	2001.1	2505.7	2654.0	2898.0	2894.5	2136.6	549.4
62.5°	541.6	563.2	678.0	872.7	1337.9	2313.5	2688.0	2827.5	2834.4	2505.2	630.2
65°	276.4	281.4	340.5	476.5	708.1	1663.1	2590.0	2729.9	2719.6	2433.3	839.7
67.5°	186.3	188.7	216.3	288.3	411.0	696.8	2012.5	2554.5	2547.1	2074.1	964.3
70°	165.1	166.1	173.0	196.1	246.4	307.0	921.5	2143.5	2198.7	1584.2	880.6
72.5°	161.6	161.6	160.6	162.1	159.2	166.6	323.3	1290.6	1370.9	1106.8	713.5
75°	158.2	158.7	157.2	152.3	123.7	104.0	118.3	543.5	602.7	728.3	534.7
77.5°	147.8	148.8	153.3	140.9	112.4	73.4	67.5	172.5	201.5	465.2	391.8
80°	55.7	55.7	55.7	51.2	74.9	55.7	48.8	70.5	74.9	262.2	241.0
82.5°	40.9	40.4	38.4	35.5	30.1	28.1	39.9	53.2	53.2	122.7	91.7
85°	11.8	11.8	13.3	17.7	22.2	24.6	30.6	40.9	42.4	46.8	13.8
87.5°	5.4	5.4	6.9	8.9	11.8	17.7	25.6	35.0	35.5	38.9	2.5
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°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
2.5°	18.7	18.2	17.7	17.2	16.3	15.3	13.8	13.3	12.8	12.8	12.8
5°	18.7	17.7	16.3	14.8	13.8	12.3	11.3	10.8	10.3	9.9	9.9
7.5°	18.2	16.8	14.8	13.3	12.3	10.8	9.4	8.9	8.4	8.4	8.4
10°	18.2	16.3	13.8	12.3	10.8	8.9	7.4	6.9	6.4	5.9	5.9
12.5°	17.2	15.3	12.8	10.8	8.9	6.9	5.4	4.4	3.9	3.9	3.9
15°	16.8	14.8	11.8	9.4	6.9	4.9	3.4	2.5	2.0	2.5	2.5
17.5°	16.3	13.3	10.8	7.4	4.9	3.0	1.5	0.5	0.5	0.5	0.5
20°	16.3	12.8	9.4	5.9	3.4	1.5	0.5	0.0	0.0	0.0	0.0
22.5°	16.8	12.8	8.4	4.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0
25°	17.2	12.3	7.4	3.4	1.5	0.5	0.0	0.0	0.0	0.0	0.0
27.5°	17.7	11.8	6.4	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	18.7	11.3	5.4	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	20.2	10.8	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	21.7	9.9	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	23.7	9.9	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	26.6	9.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	31.5	10.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	40.9	13.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	58.1	20.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.3	29.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	103.0	30.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	106.9	21.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	92.1	17.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	79.3	11.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	95.6	9.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	152.3	9.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	237.0	9.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	265.6	9.4	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	205.5	7.4	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	129.1	5.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	70.5	3.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.6	3.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.4	2.5	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0
85°	3.4	2.0	2.0	1.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.0	2.0	2.0	1.5	0.5	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: SP1-2407-184-2

Test Date: 10/09/2024

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

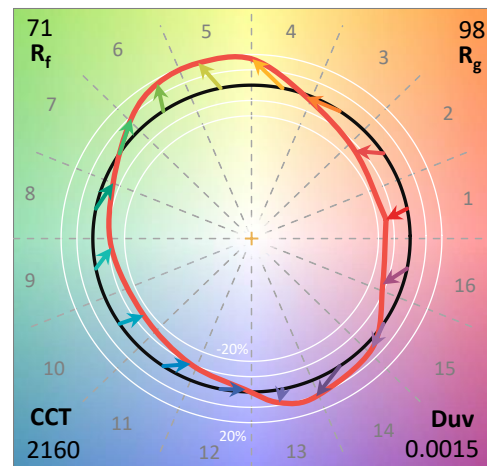
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

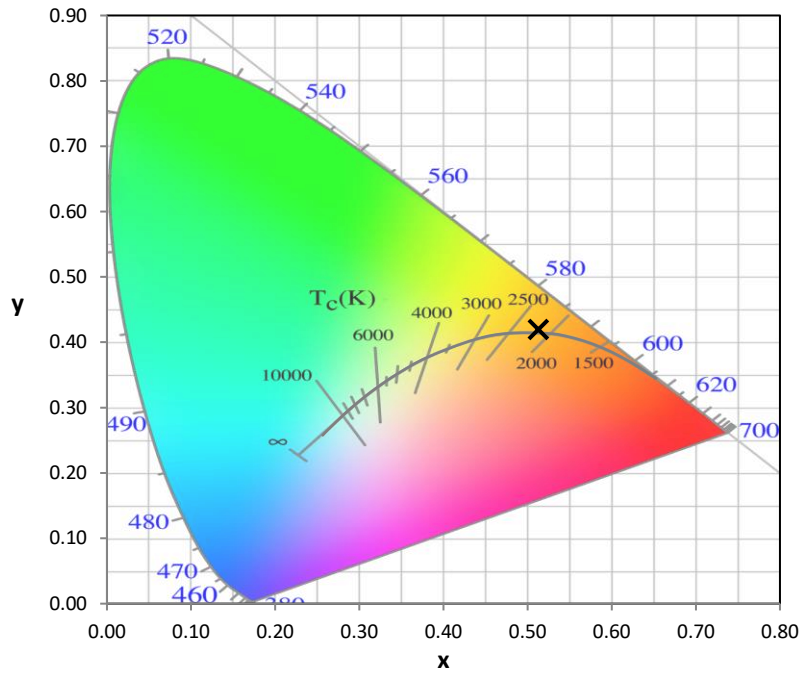
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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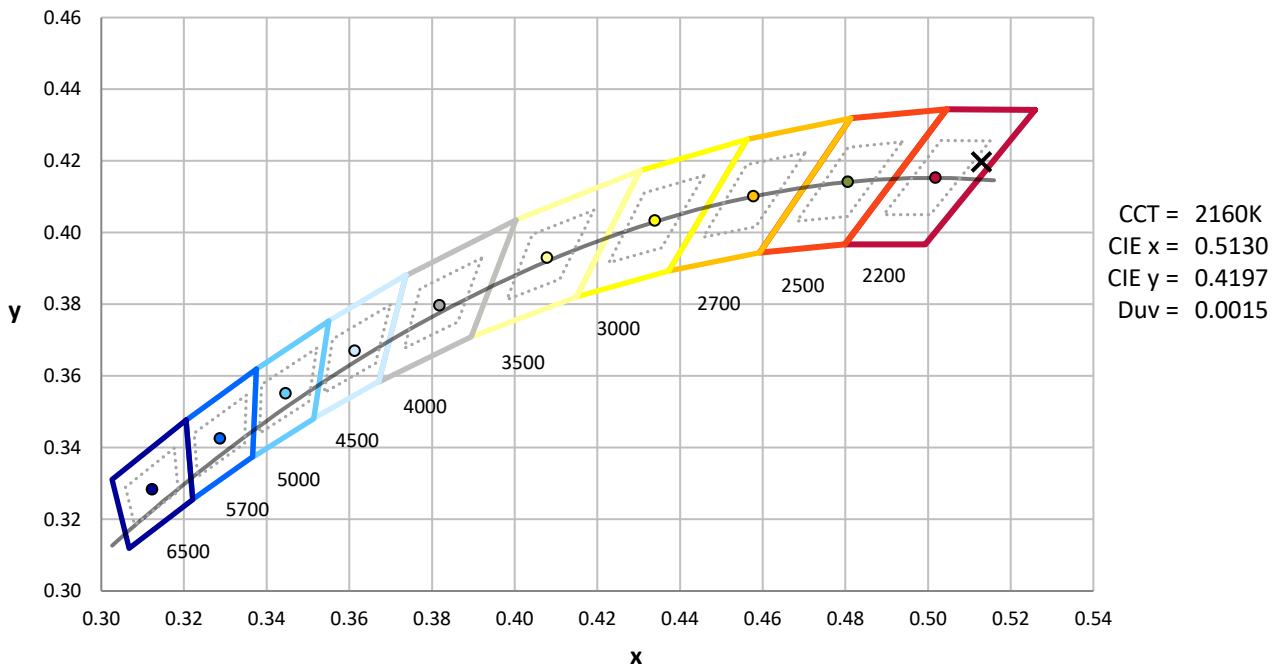
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



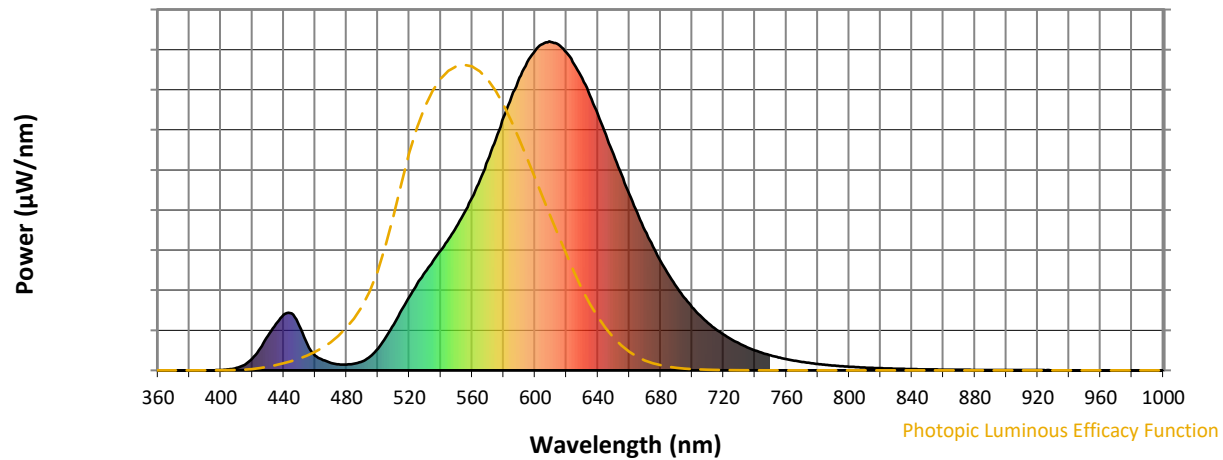
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

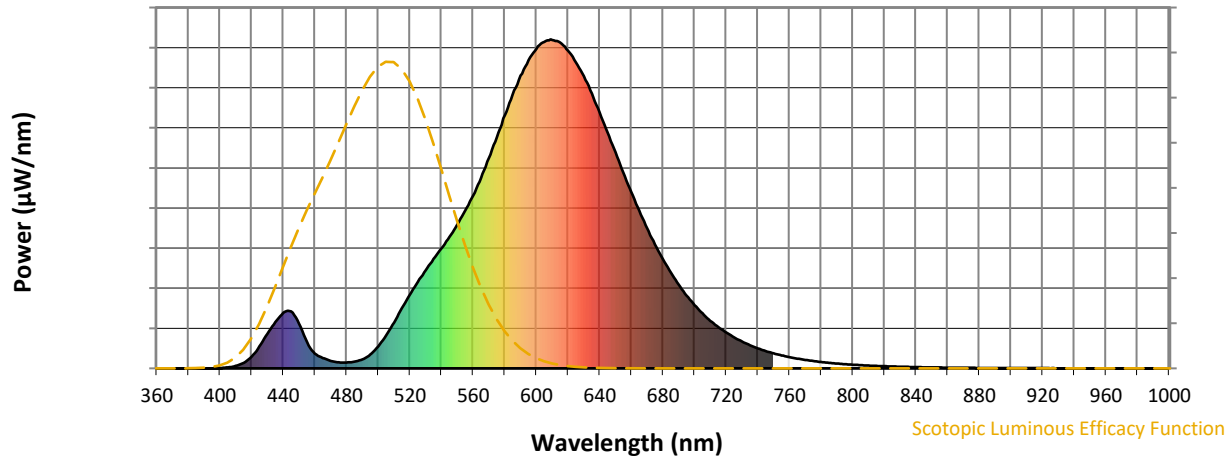


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength



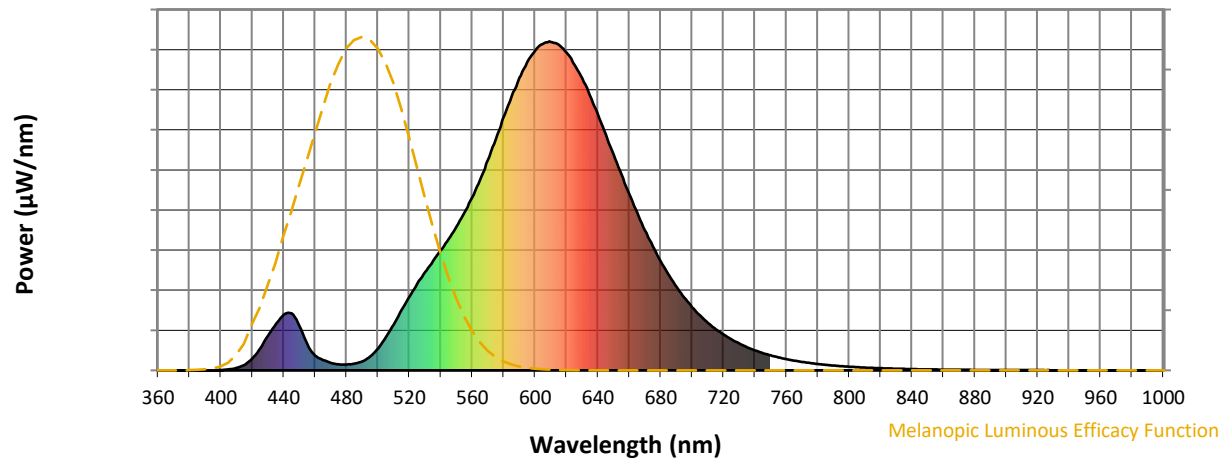
Scotopic Lumens: NR

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

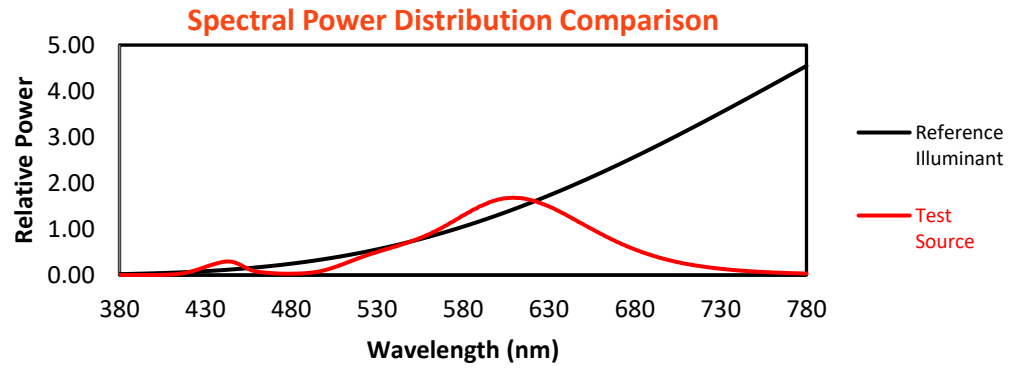
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	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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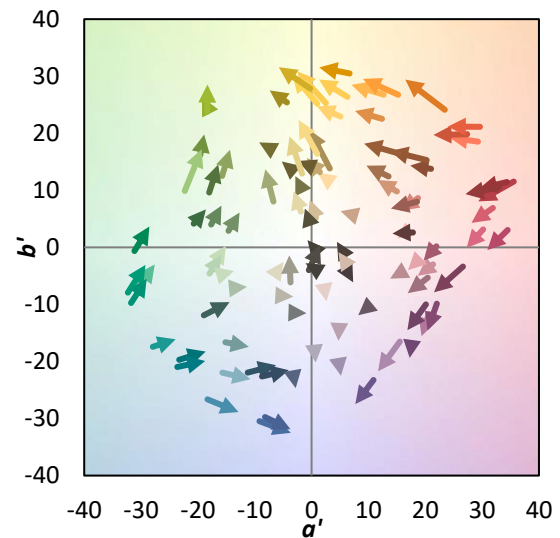
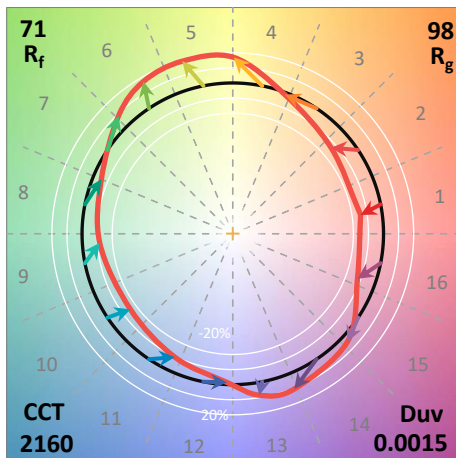
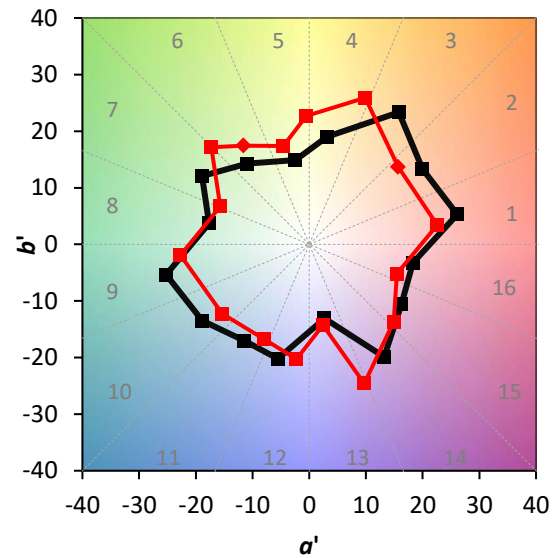
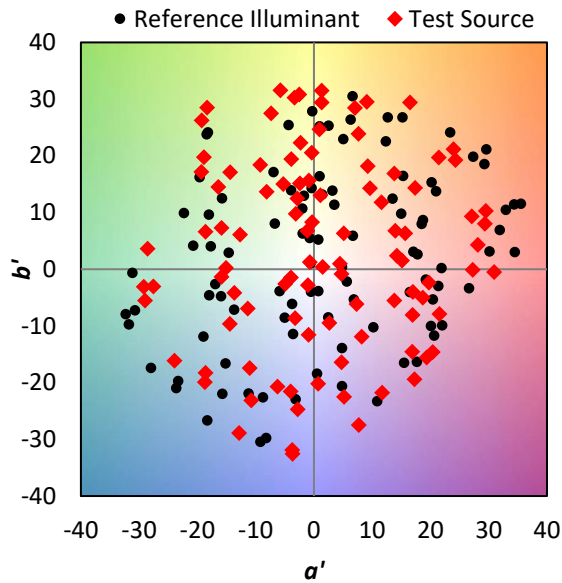
TM-30-18

Summary

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

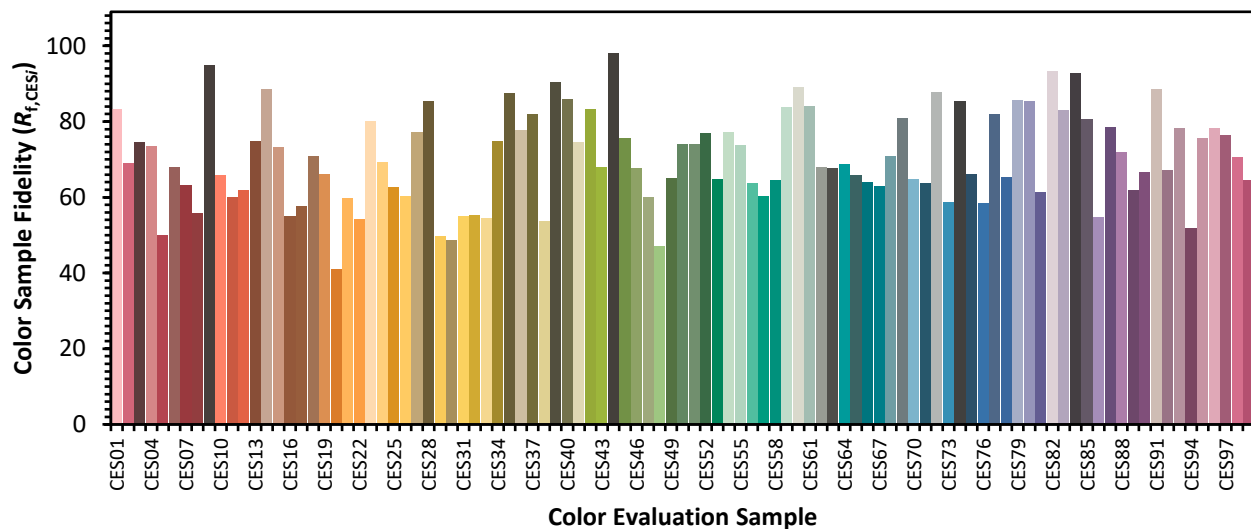


Color Vector Graphics

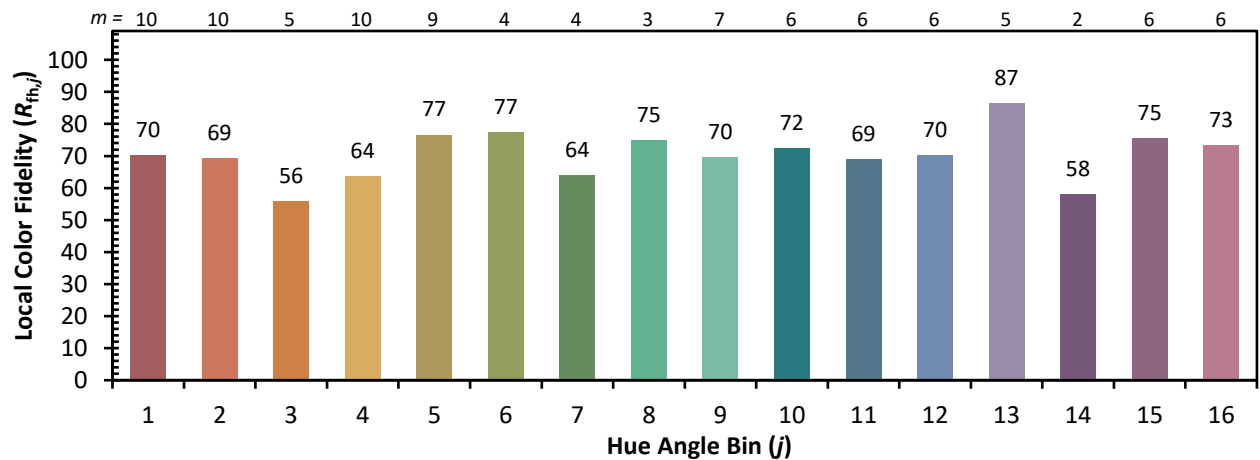
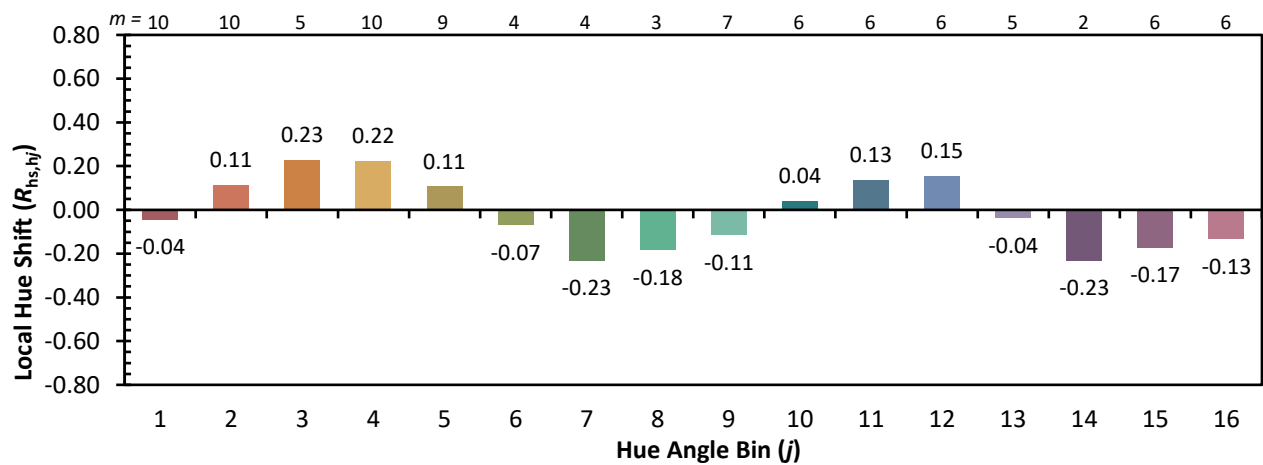
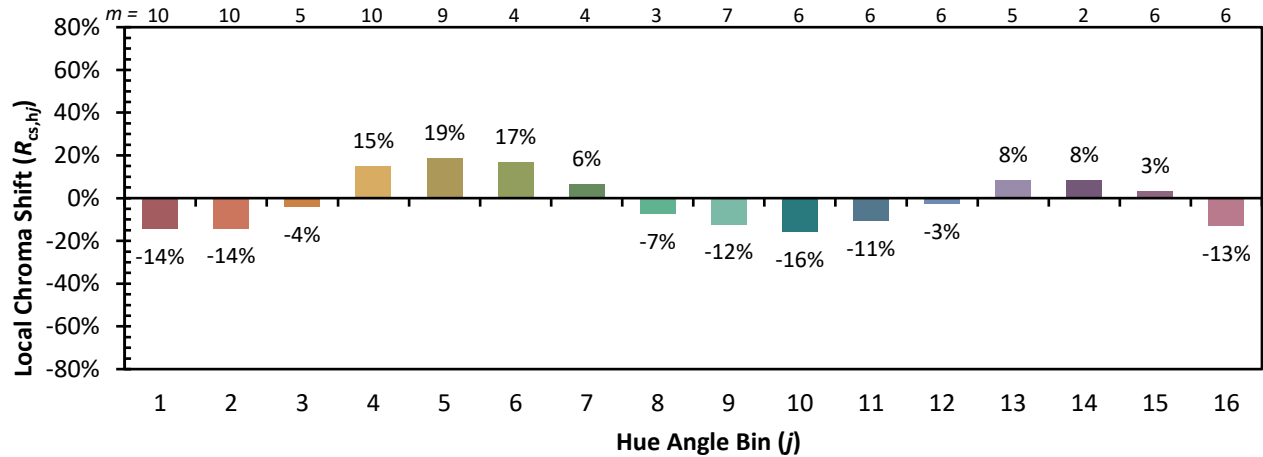


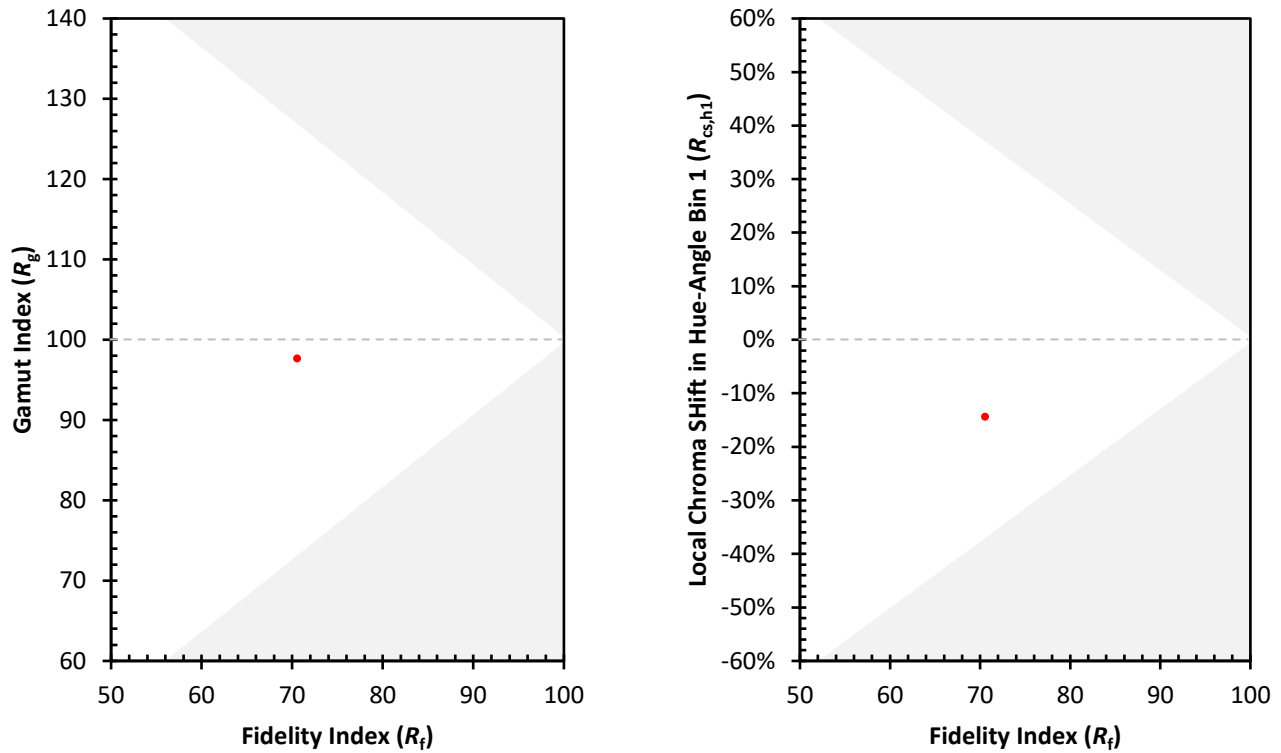
Individual Sample Fidelity Index ($R_{f,i}$)

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)