

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: P991087

Luminaire Tested: **GPC-SA2A-722-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991087
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2A-722-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 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: 4982.5 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

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

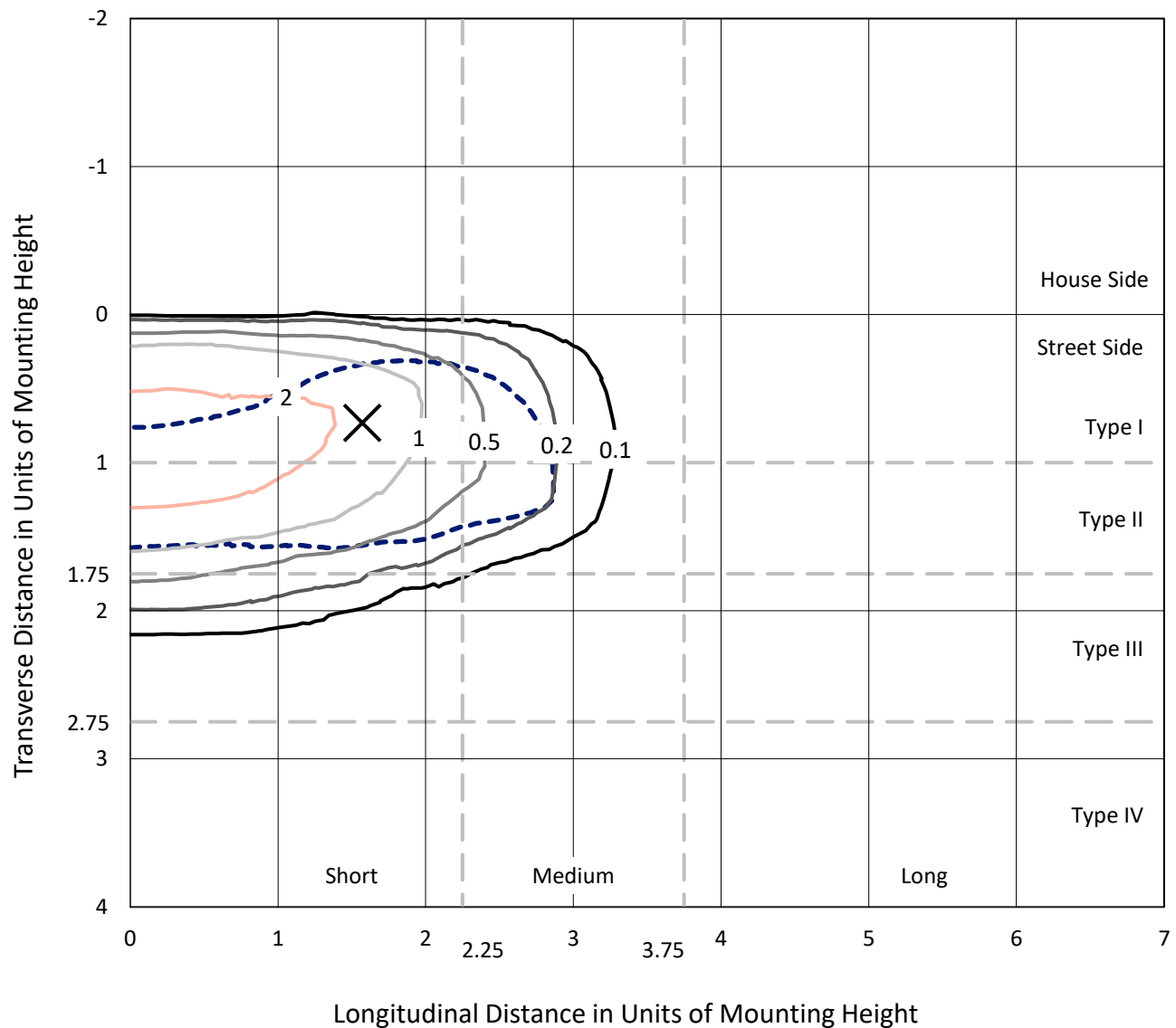


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Iso-Footcandle Lines of Horizontal Illumination

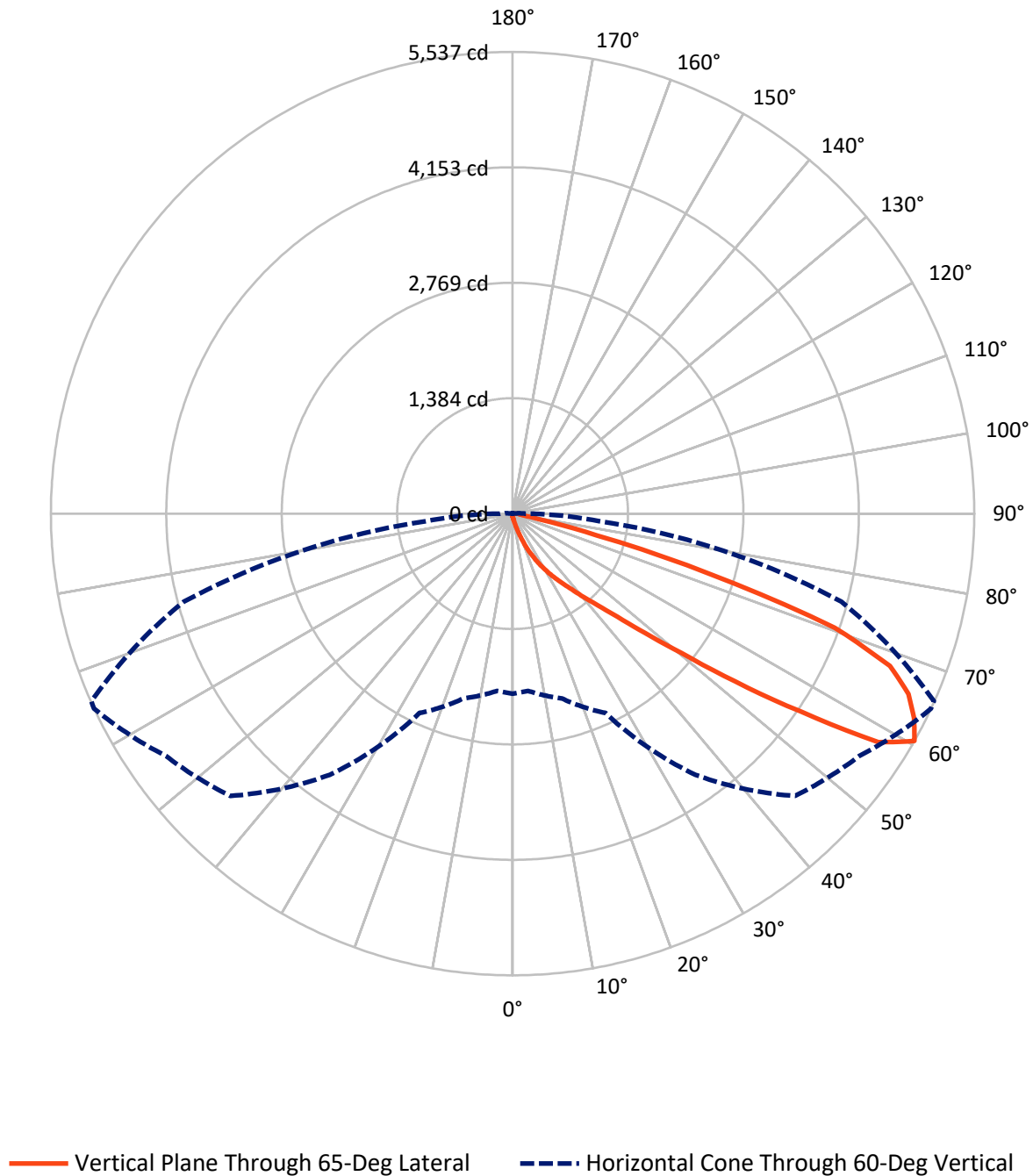
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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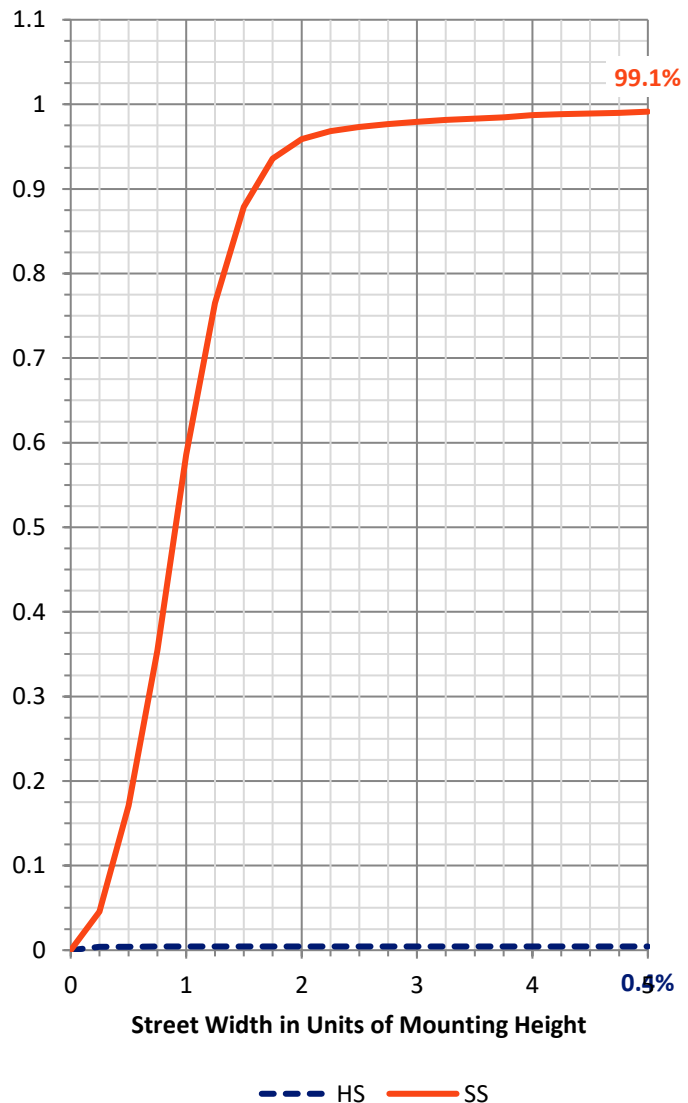
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.2	0.0	22.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4960.3	0.0	4960.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	4982.5	0.0	4982.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.6	0.1
10°-20°	55.0	1.1
20°-30°	168.6	3.4
30°-40°	438.3	8.8
40°-50°	1103.4	22.1
50°-60°	1599.5	32.1
60°-70°	1233.6	24.8
70°-80°	340.3	6.8
80°-90°	37.1	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°	4982.5	100.0
0°-180°	4982.5	100.0



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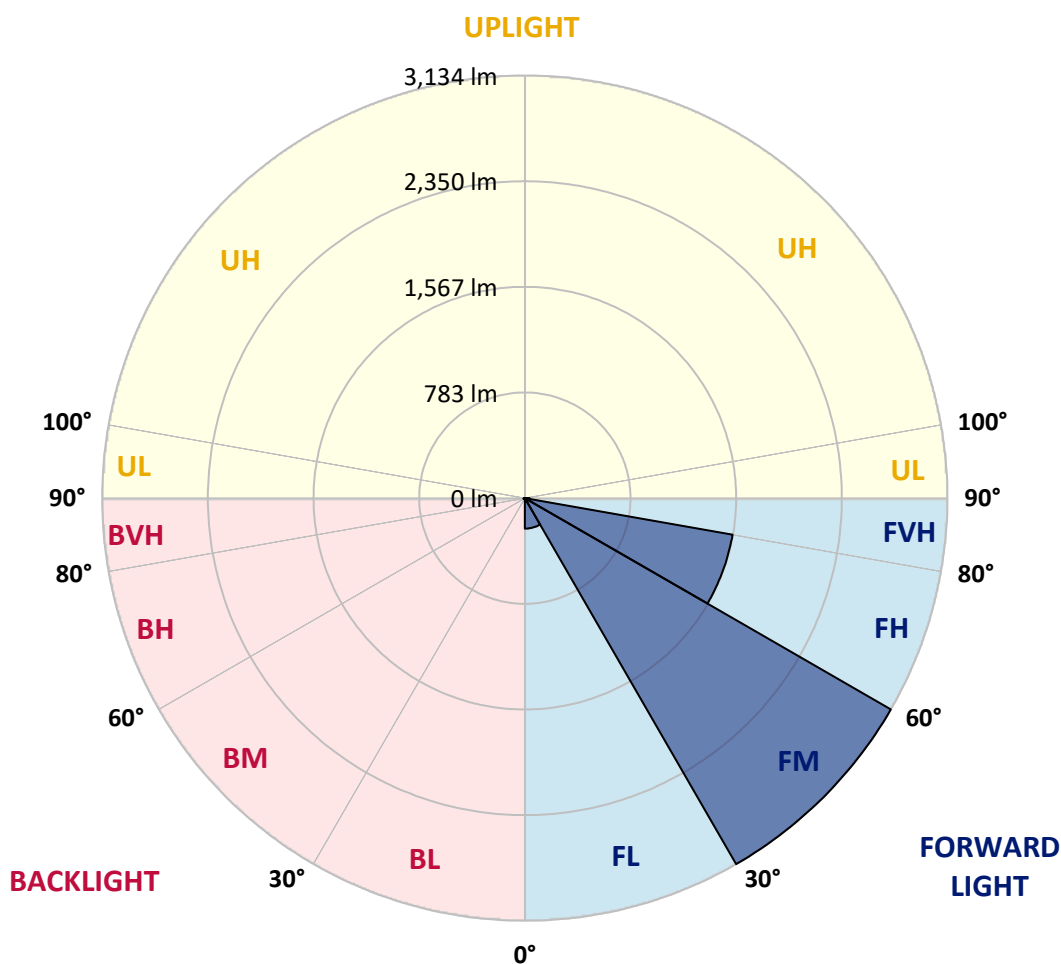
CATALOG NUMBER: GPC-SA2A-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	226.2	4.5			
FM	(30°-60°)	3133.9	62.9			
FH	(60°-80°)	1564.0	31.4			G1/1800
FVH	(80°-90°)	36.2	0.7			G1/100
BL	(0°-30°)	4.1	0.1	B0/110		
BM	(30°-60°)	7.3	0.1	B0/220		
BH	(60°-80°)	9.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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°	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
2.5°	57.4	57.4	56.5	54.6	49.9	47.1	44.3	41.4	40.5	38.6	36.7
5°	104.5	102.6	101.7	92.3	82.9	71.6	60.3	50.8	49.9	43.3	37.7
7.5°	219.4	219.4	200.5	178.0	152.5	117.7	86.6	66.8	64.0	49.9	38.6
10°	358.7	359.7	347.4	311.7	265.5	207.1	140.3	86.6	84.7	58.4	39.5
12.5°	484.0	483.0	470.8	445.4	394.5	321.1	220.3	125.2	117.7	67.8	39.5
15°	564.0	564.0	562.1	548.9	513.1	437.8	326.7	183.6	175.1	81.9	40.5
17.5°	642.1	646.8	640.3	634.6	608.2	551.7	437.8	264.6	247.6	104.5	42.4
20°	736.3	741.0	738.2	729.7	696.7	646.8	548.9	357.8	340.8	142.2	46.1
22.5°	845.5	849.3	843.6	840.8	799.4	736.3	651.5	469.8	444.4	190.2	50.8
25°	980.1	977.3	975.4	959.4	918.9	850.2	748.5	573.4	553.6	254.2	57.4
27.5°	1138.3	1134.6	1122.3	1101.6	1042.3	967.0	852.1	683.6	664.7	331.4	66.8
30°	1352.1	1329.5	1311.6	1265.4	1186.3	1086.5	967.9	791.8	771.1	423.7	77.2
32.5°	1653.4	1646.8	1577.1	1456.6	1342.6	1223.1	1096.9	906.7	885.1	518.8	91.3
35°	2193.8	2162.7	2041.3	1738.1	1524.4	1394.4	1227.8	1021.6	999.0	629.0	110.2
37.5°	2801.1	2773.8	2656.1	2290.8	1800.2	1571.4	1373.7	1151.5	1127.0	749.5	133.7
40°	3410.3	3401.8	3357.5	3065.7	2359.5	1807.8	1566.7	1317.2	1289.0	870.9	166.7
42.5°	4095.7	4071.2	4043.0	3944.1	3325.5	2281.4	1835.1	1506.5	1482.0	1020.6	213.7
45°	4313.2	4303.8	4337.7	4432.8	4337.7	3273.8	2251.2	1764.5	1740.0	1212.7	281.5
47.5°	4239.8	4230.4	4323.6	4479.9	4697.4	4464.8	2896.2	2134.5	2089.3	1442.4	382.3
50°	3868.8	3872.6	4037.3	4349.9	4661.6	4939.3	3973.3	2626.9	2595.8	1769.2	517.8
52.5°	3517.6	3524.2	3730.4	4130.6	4473.3	4957.2	5000.5	3343.4	3209.7	2169.3	685.4
55°	3175.8	3166.4	3322.7	3925.3	4439.4	4712.4	5323.5	4184.2	4096.7	2688.1	850.2
57.5°	2814.3	2803.0	2884.9	3333.1	4368.8	4746.3	5238.8	5173.8	5069.3	3284.1	983.0
60°	2159.0	2133.5	2295.5	2638.2	3823.6	4787.8	5071.2	5537.2	5530.6	4082.5	1049.8
62.5°	1034.8	1076.2	1295.6	1667.5	2556.3	4420.6	5136.1	5402.6	5415.8	4786.8	1204.2
65°	528.2	537.6	650.6	910.5	1353.0	3177.7	4948.8	5216.2	5196.4	4649.3	1604.4
67.5°	355.9	360.6	413.3	550.8	785.2	1331.3	3845.3	4881.0	4866.8	3963.0	1842.6
70°	315.4	317.3	330.5	374.7	470.8	586.6	1760.7	4095.7	4201.2	3027.1	1682.5
72.5°	308.8	308.8	306.9	309.8	304.1	318.2	617.7	2465.9	2619.4	2114.7	1363.4
75°	302.2	303.2	300.4	290.9	236.3	198.7	226.0	1038.5	1151.5	1391.6	1021.6
77.5°	282.5	284.3	292.8	269.3	214.7	140.3	129.0	329.5	385.1	888.8	748.5
80°	106.4	106.4	106.4	97.9	143.1	106.4	93.2	134.6	143.1	500.9	460.4
82.5°	78.1	77.2	73.4	67.8	57.4	53.7	76.3	101.7	101.7	234.4	175.1
85°	22.6	22.6	25.4	33.9	42.4	47.1	58.4	78.1	81.0	89.4	26.4
87.5°	10.4	10.4	13.2	16.9	22.6	33.9	49.0	66.8	67.8	74.4	4.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
2.5°	35.8	34.8	33.9	33.0	31.1	29.2	26.4	25.4	24.5	24.5	24.5
5°	35.8	33.9	31.1	28.2	26.4	23.5	21.7	20.7	19.8	18.8	18.8
7.5°	34.8	32.0	28.2	25.4	23.5	20.7	17.9	16.9	16.0	16.0	16.0
10°	34.8	31.1	26.4	23.5	20.7	16.9	14.1	13.2	12.2	11.3	11.3
12.5°	33.0	29.2	24.5	20.7	16.9	13.2	10.4	8.5	7.5	7.5	7.5
15°	32.0	28.2	22.6	17.9	13.2	9.4	6.6	4.7	3.8	4.7	4.7
17.5°	31.1	25.4	20.7	14.1	9.4	5.6	2.8	0.9	0.9	0.9	0.9
20°	31.1	24.5	17.9	11.3	6.6	2.8	0.9	0.0	0.0	0.0	0.0
22.5°	32.0	24.5	16.0	9.4	3.8	1.9	0.0	0.0	0.0	0.0	0.0
25°	33.0	23.5	14.1	6.6	2.8	0.9	0.0	0.0	0.0	0.0	0.0
27.5°	33.9	22.6	12.2	4.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
30°	35.8	21.7	10.4	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	38.6	20.7	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	41.4	18.8	5.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	45.2	18.8	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	50.8	18.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	60.3	19.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.1	25.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	111.1	38.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	157.2	55.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	196.8	58.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	204.3	41.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	176.1	33.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	151.6	22.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	182.7	18.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	290.9	17.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	452.9	17.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	507.5	17.9	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	392.6	14.1	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	246.7	11.3	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	134.6	7.5	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.8	5.6	2.8	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	17.9	4.7	3.8	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0
85°	6.6	3.8	3.8	2.8	2.8	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	3.8	3.8	3.8	2.8	0.9	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

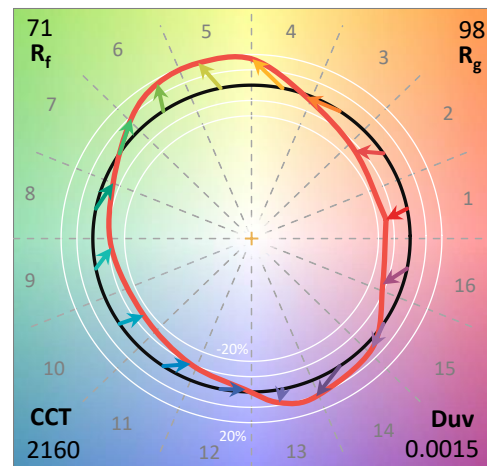
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

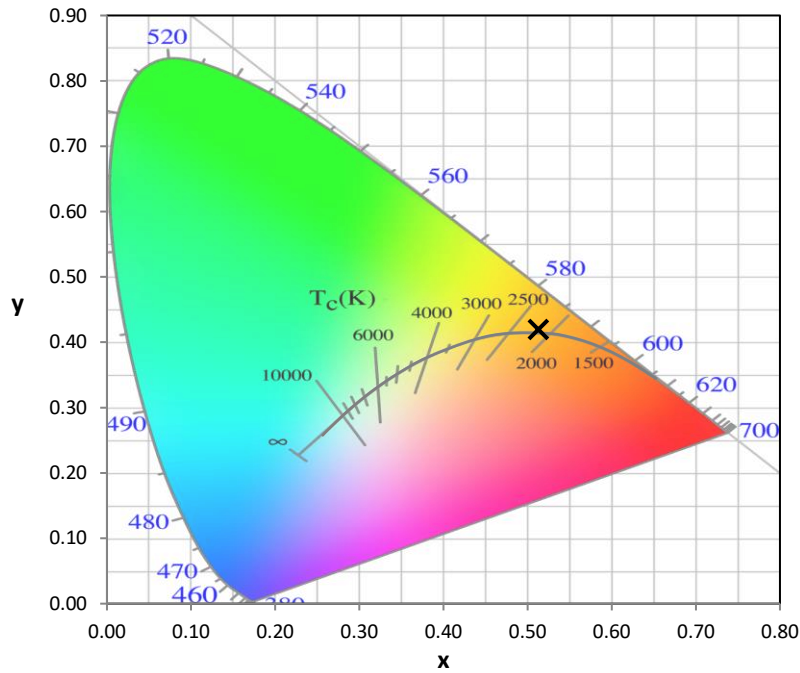
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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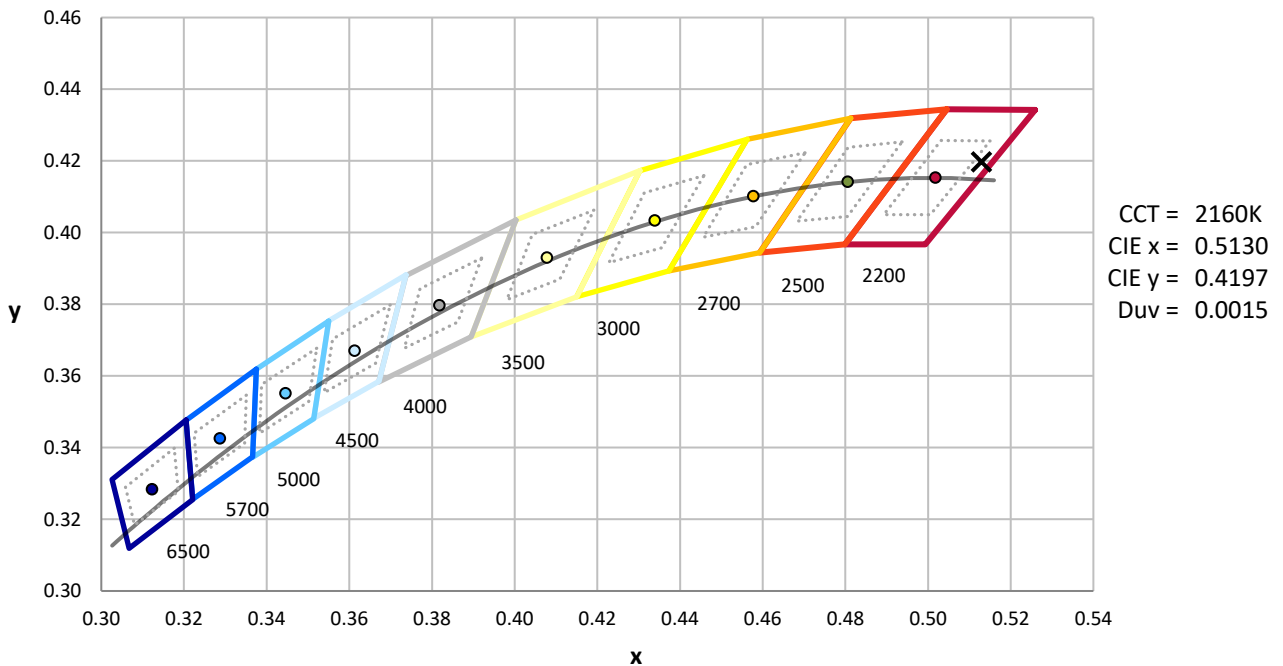
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



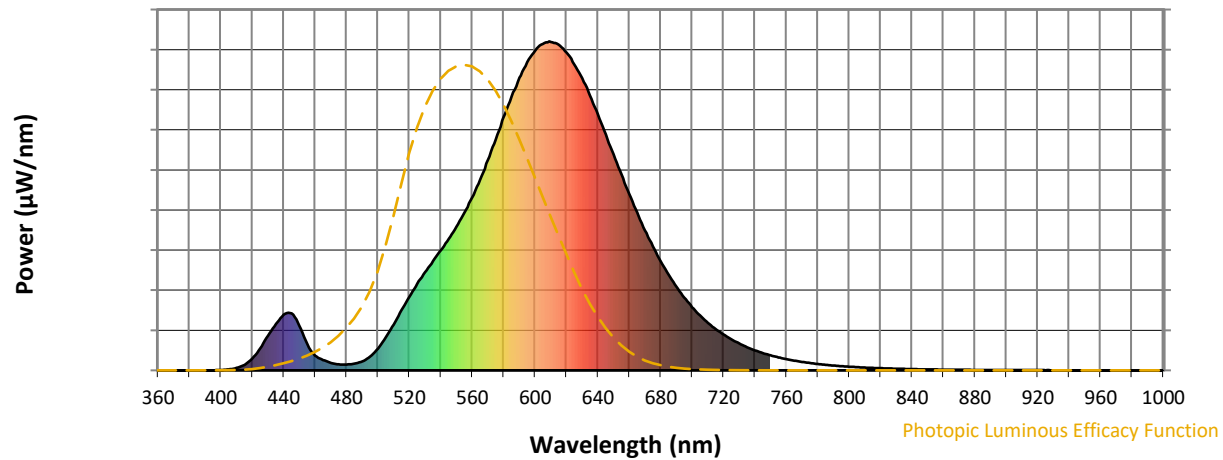
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

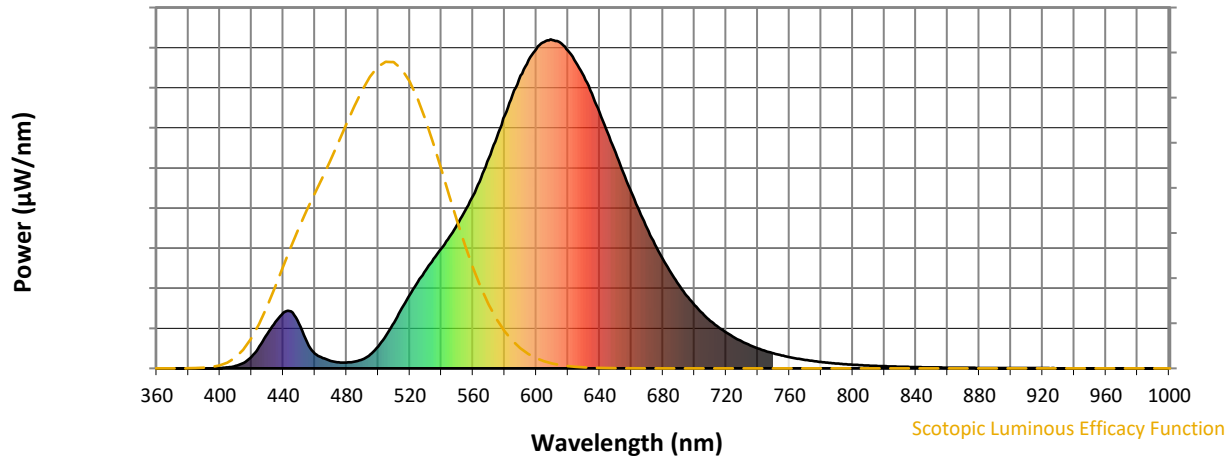


Photopic Lumens: NR

λ (nm)	Power 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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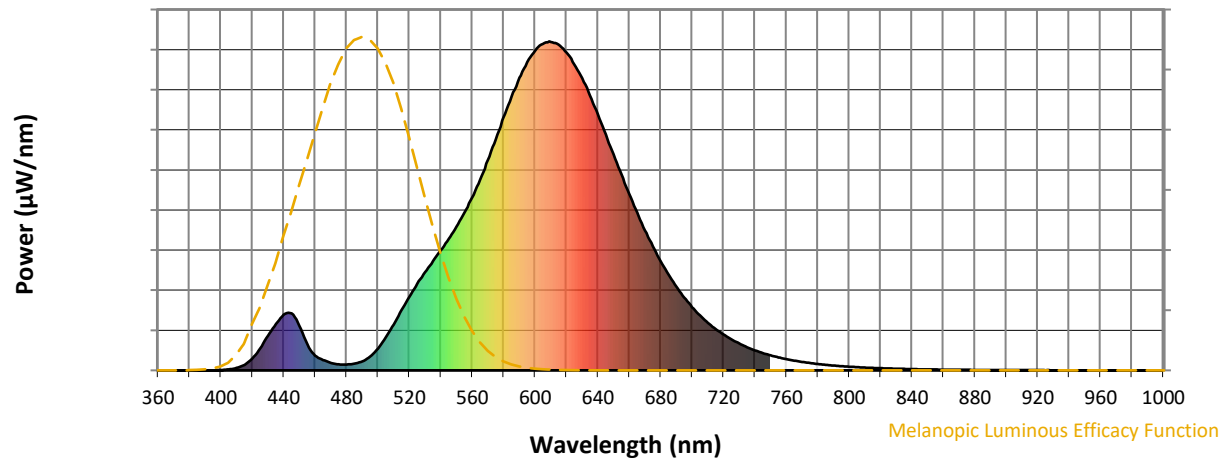
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 0.8

λ (nm)	Power 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

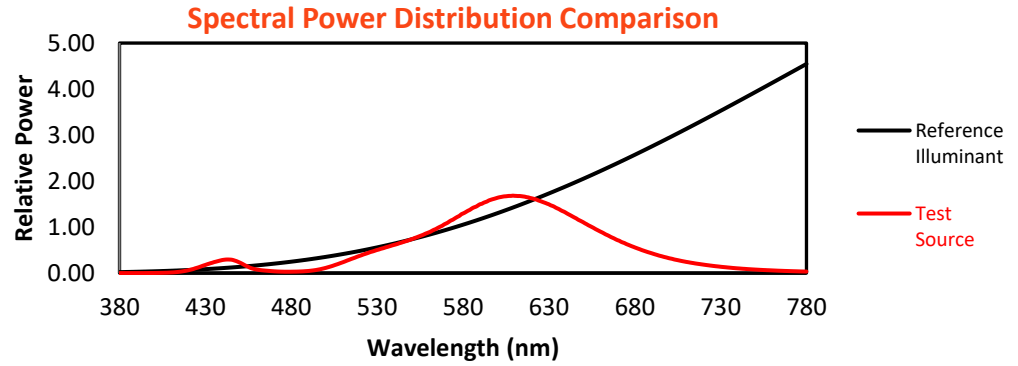
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	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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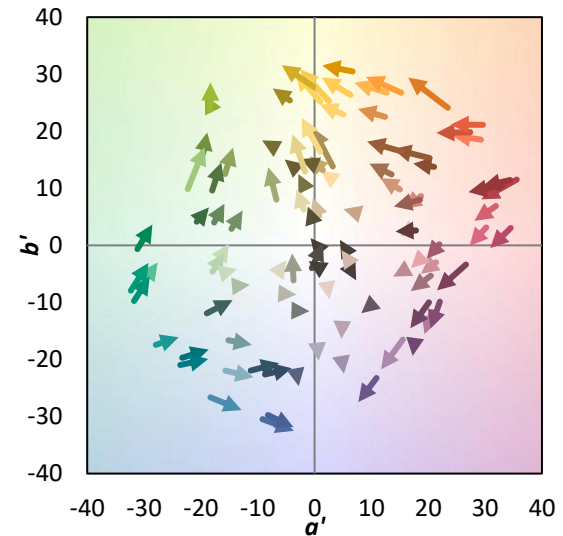
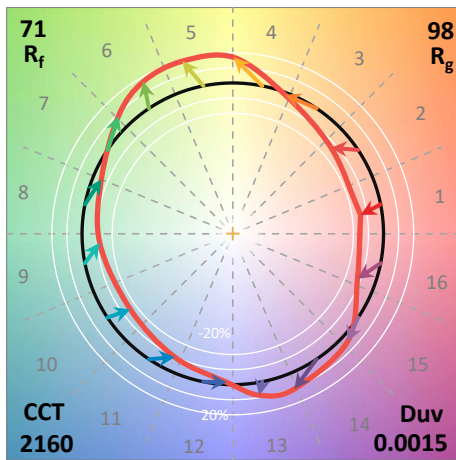
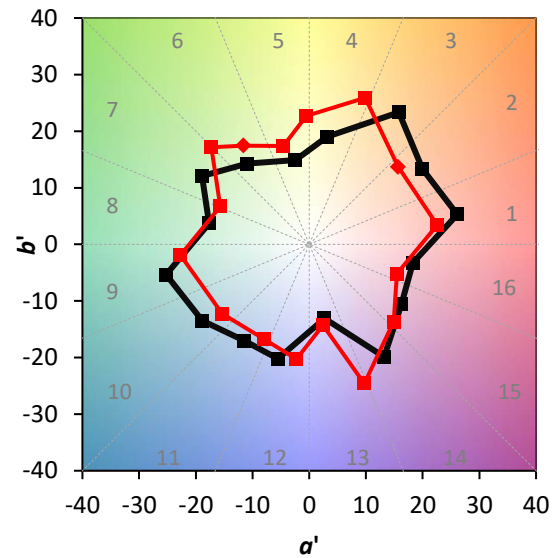
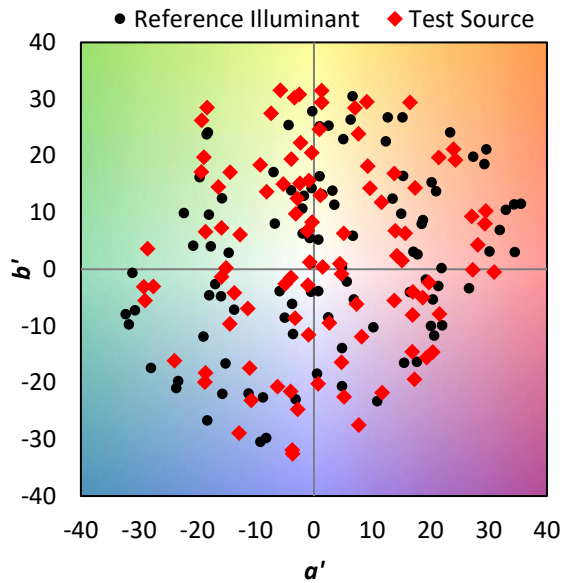
TM-30-18

Summary

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

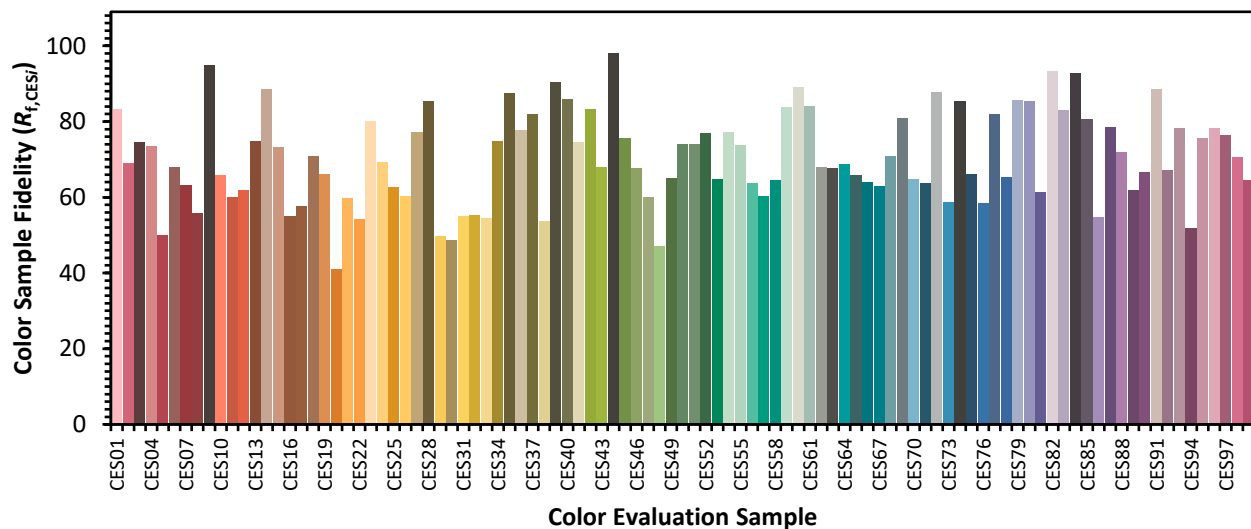


Color Vector Graphics

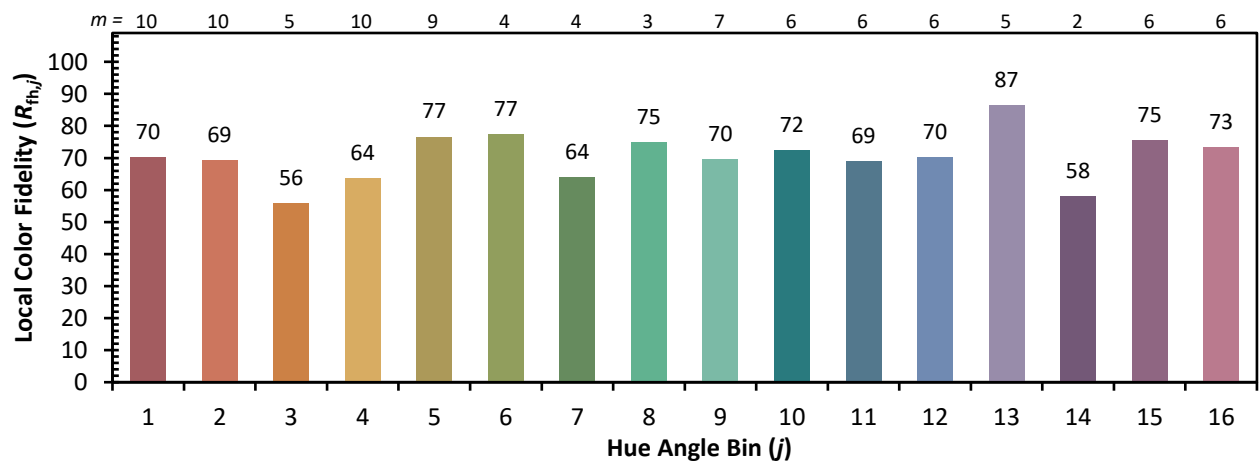
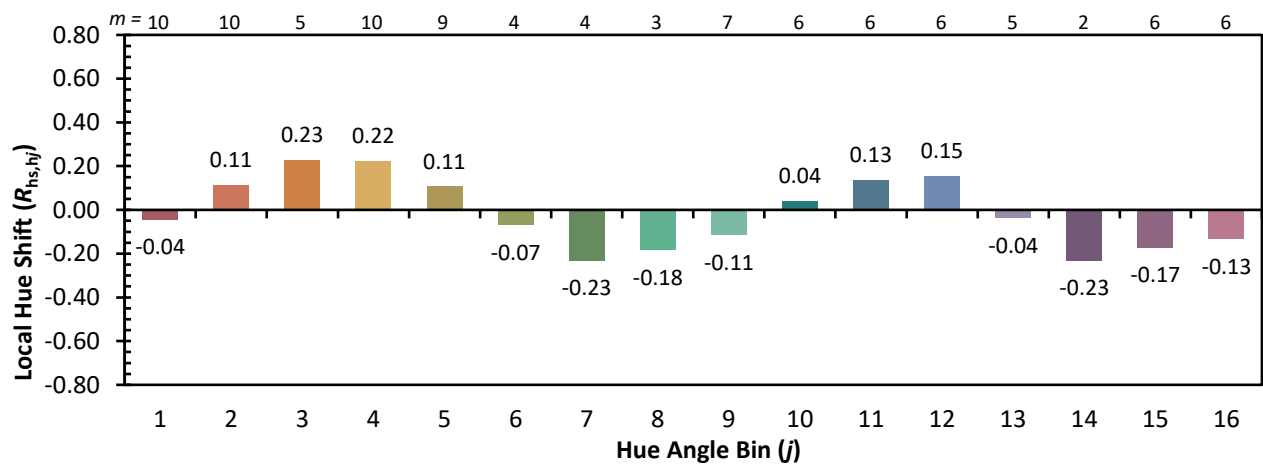
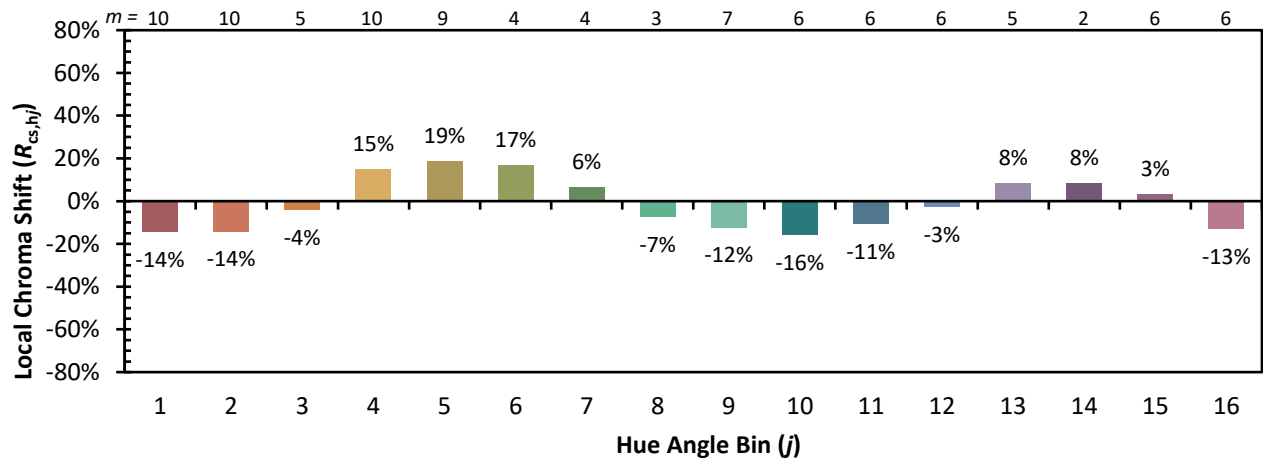


Individual Sample Fidelity Index ($R_{f,i}$)

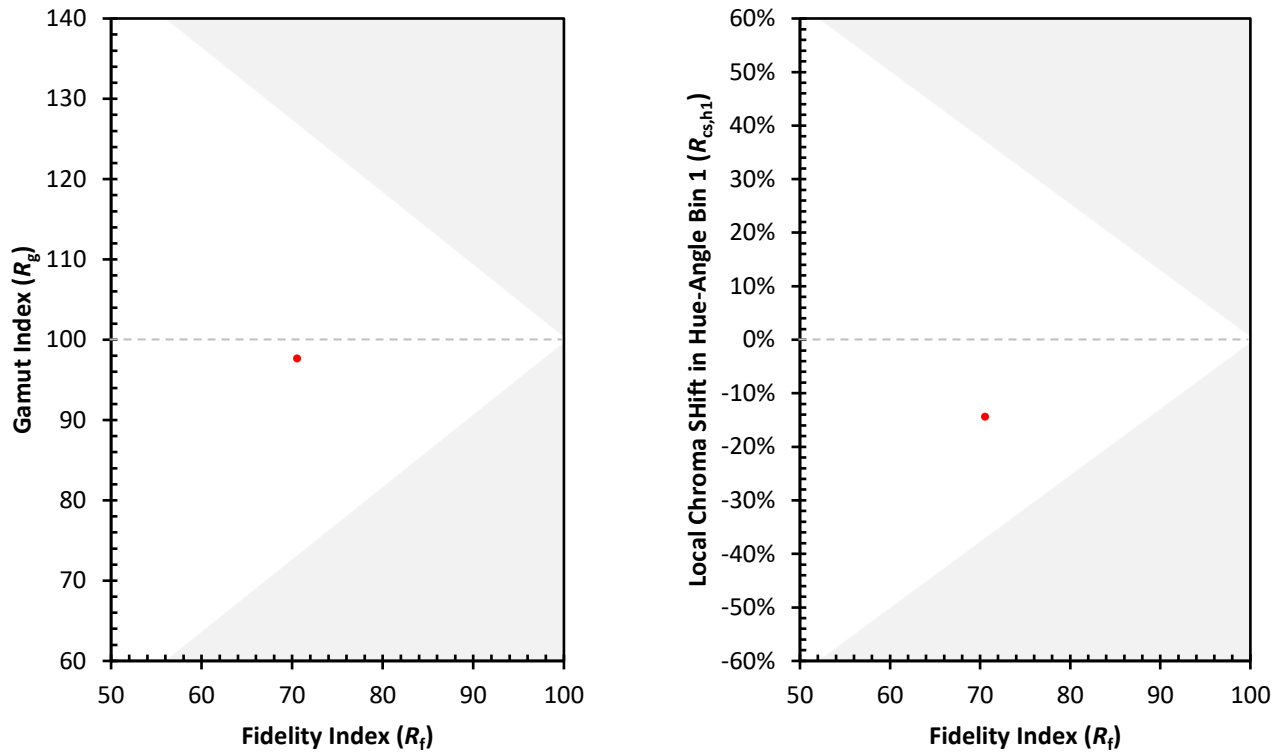
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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