

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: P991155

Luminaire Tested: **GPC-SA1A-722-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991155
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-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 70CRI
2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2627 lumens
Efficiency: N/A
Efficacy: 89.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type IV - 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

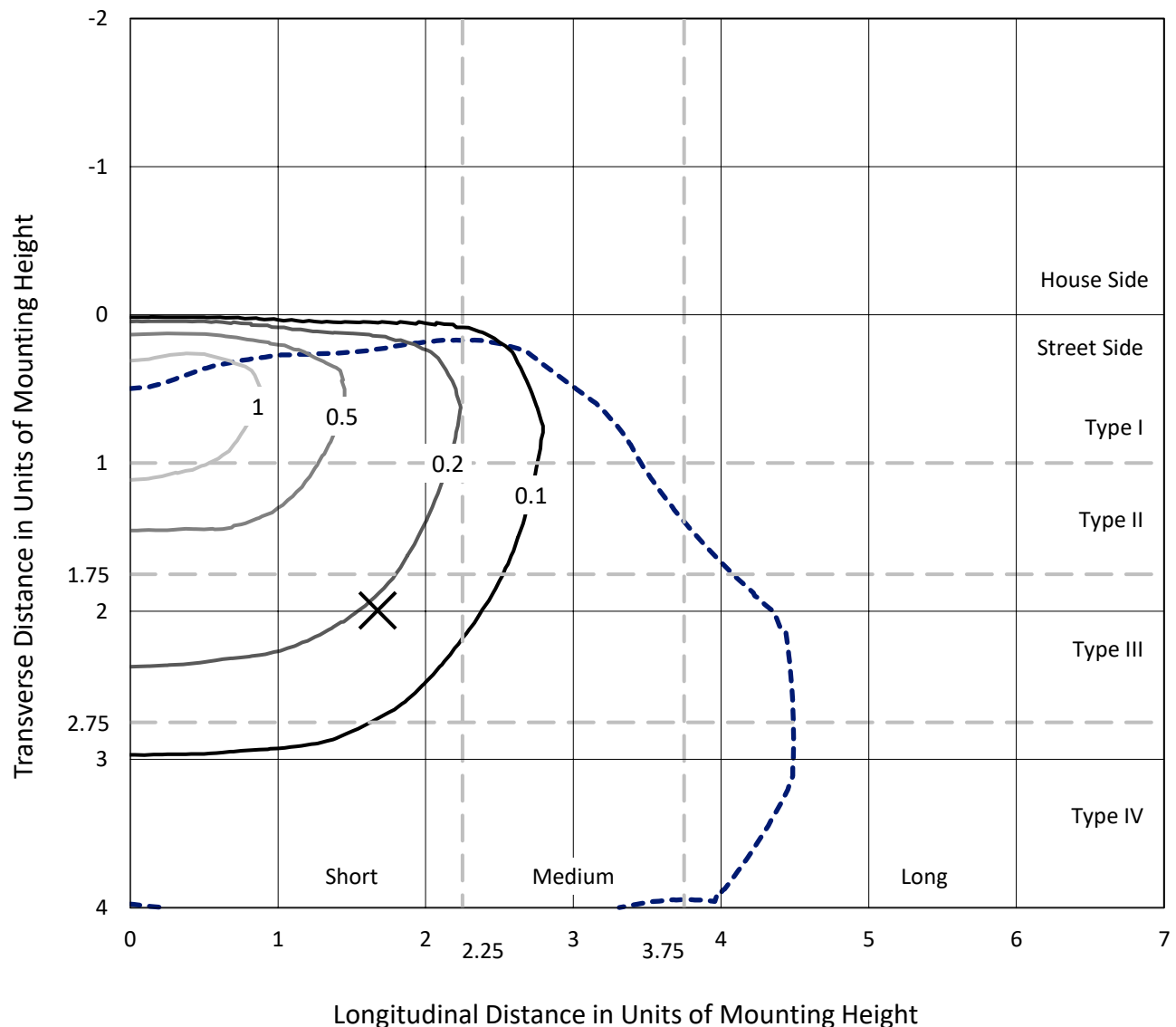


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Iso-Footcandle Lines of Horizontal Illumination

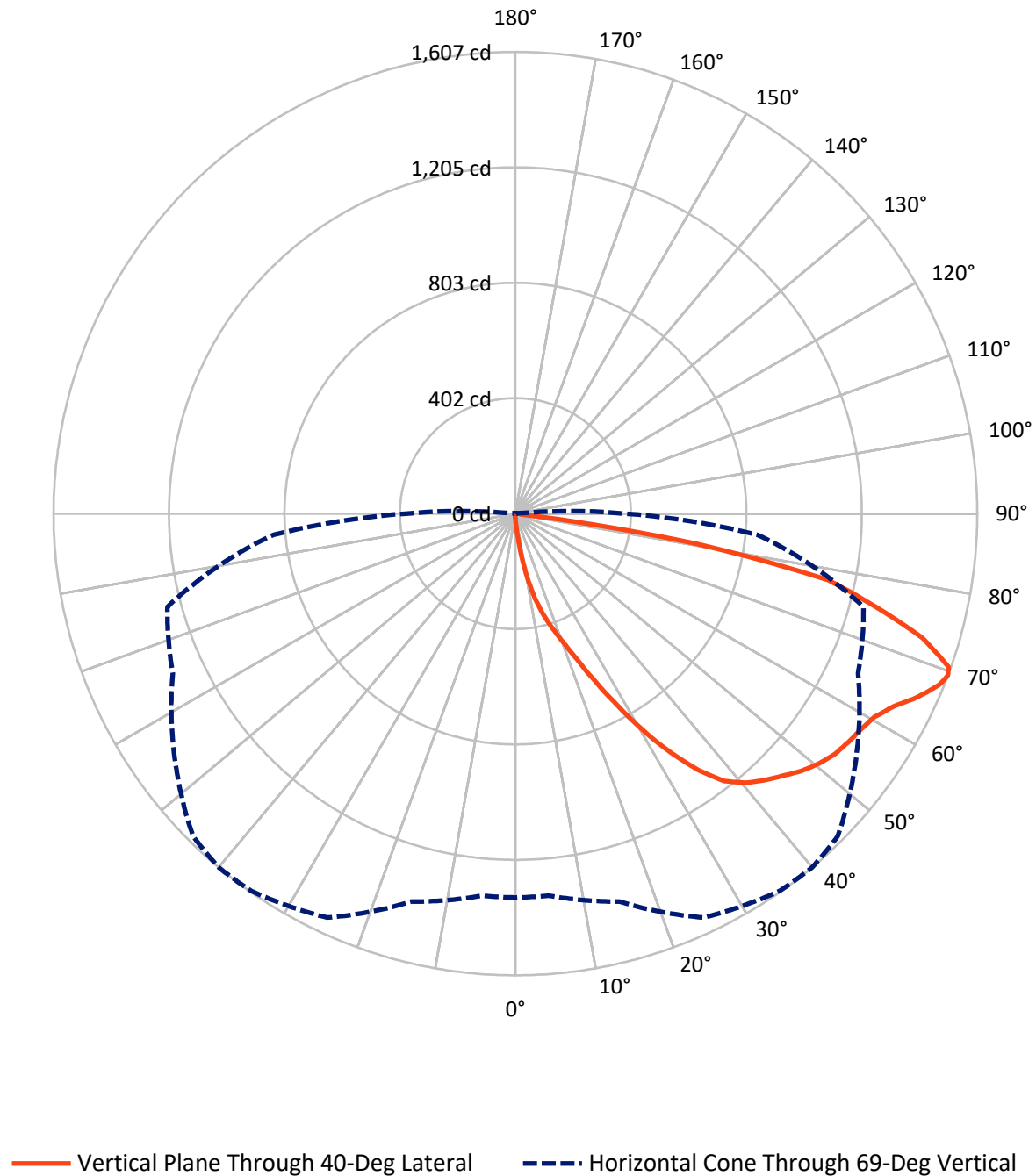
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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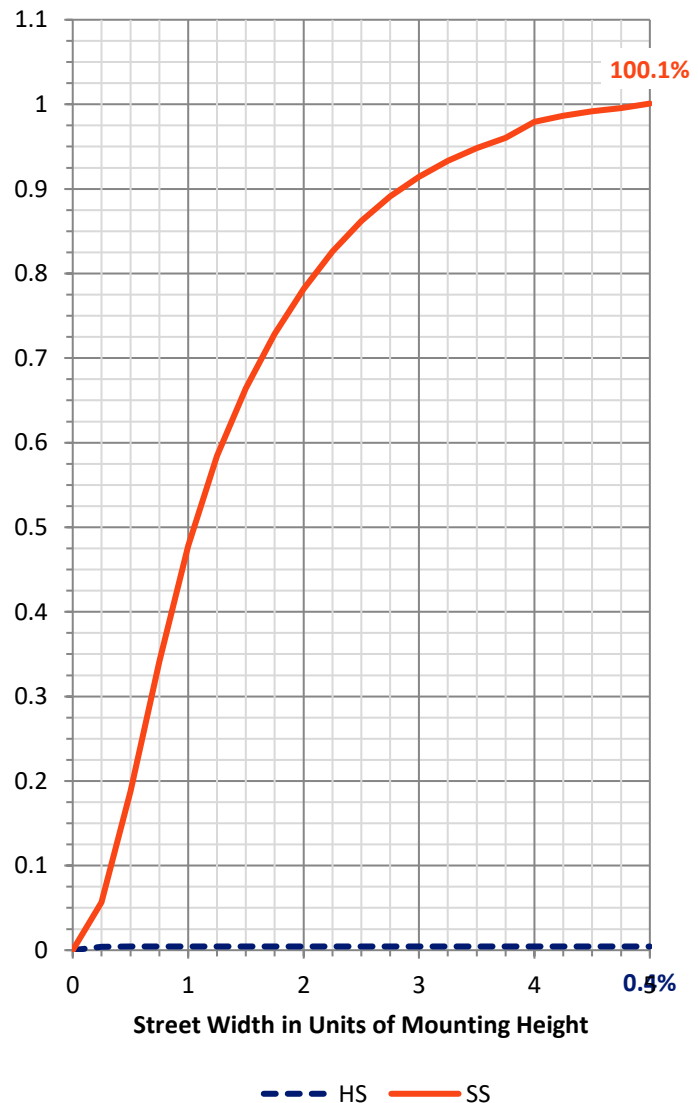
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.5	0.0	11.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2615.5	0.0	2615.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	2627.0	0.0	2627.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.5	0.2
10°-20°	42.0	1.6
20°-30°	126.4	4.8
30°-40°	278.2	10.6
40°-50°	427.6	16.3
50°-60°	526.5	20.0
60°-70°	664.7	25.3
70°-80°	511.3	19.5
80°-90°	44.9	1.7
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°	2627.0	100.0
0°-180°	2627.0	100.0



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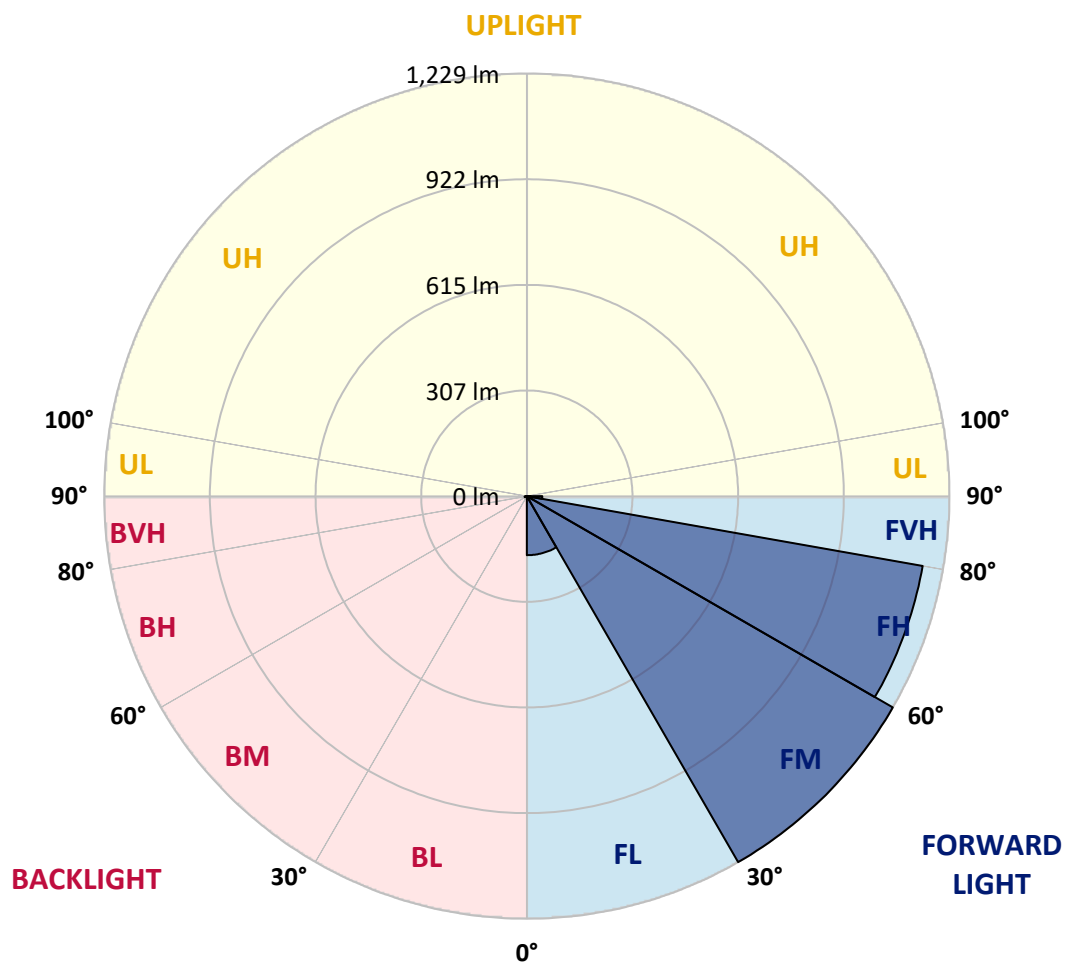
CATALOG NUMBER: GPC-SA1A-722-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	171.9	6.5			
FM	(30°-60°)	1229.5	46.8			
FH	(60°-80°)	1169.4	44.5			G1/1800
FVH	(80°-90°)	44.8	1.7			G1/100
BL	(0°-30°)	2.0	0.1	B0/110		
BM	(30°-60°)	2.8	0.1	B0/220		
BH	(60°-80°)	6.6	0.3	B0/110		G0/110
BVH	(80°-90°)	0.1	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2.5°	42.9	42.4	40.4	37.9	36.0	34.5	32.5	29.6	26.6	23.2	20.7
5°	112.3	111.9	104.0	94.1	80.8	71.9	63.1	48.8	37.0	28.6	21.7
7.5°	207.9	206.5	199.1	183.8	155.7	140.4	124.2	87.2	56.7	35.5	23.2
10°	302.5	301.6	292.2	270.0	239.5	224.2	202.5	148.8	89.2	46.3	25.1
12.5°	358.2	360.7	353.8	343.4	317.3	303.0	278.4	216.3	137.0	63.6	27.6
15°	404.1	405.0	398.6	392.2	377.9	366.1	345.4	288.3	194.1	86.7	30.6
17.5°	460.7	459.2	452.3	445.0	429.2	420.3	407.0	354.8	255.2	119.7	34.5
20°	532.7	528.7	520.8	508.0	490.8	479.9	466.1	422.8	316.3	156.2	39.4
22.5°	624.8	619.9	611.5	599.7	569.1	552.4	534.6	480.9	383.9	202.5	45.8
25°	731.2	728.8	719.9	703.2	670.6	648.5	619.9	548.9	450.9	251.8	53.7
27.5°	856.4	852.0	840.1	820.4	785.4	756.4	720.9	623.8	514.9	304.0	63.6
30°	996.3	986.5	962.3	945.1	904.2	875.6	834.2	723.4	581.0	358.7	73.9
32.5°	1126.4	1113.6	1078.6	1055.0	1017.0	991.4	953.5	823.9	655.4	415.9	87.2
35°	1244.2	1230.4	1173.7	1137.8	1118.5	1096.9	1058.4	938.7	735.7	477.0	102.5
37.5°	1343.7	1329.9	1257.0	1200.3	1188.5	1181.1	1150.1	1035.8	826.8	546.0	120.2
40°	1399.4	1390.5	1327.5	1263.4	1240.7	1231.9	1209.2	1117.1	928.3	615.0	140.9
42.5°	1416.7	1411.2	1360.0	1328.5	1287.1	1269.3	1242.2	1179.2	1015.6	692.3	164.6
45°	1407.3	1401.4	1363.9	1371.3	1336.8	1302.3	1265.4	1221.5	1089.0	783.5	194.1
47.5°	1367.4	1365.4	1339.8	1381.7	1377.7	1338.3	1292.5	1249.6	1152.1	871.7	231.1
50°	1269.8	1268.8	1280.7	1367.4	1404.8	1367.9	1322.1	1274.7	1202.3	959.9	278.4
52.5°	1138.3	1145.2	1204.8	1340.8	1412.7	1391.0	1351.6	1303.3	1243.7	1048.1	342.0
55°	1068.8	1074.7	1153.0	1311.7	1411.2	1404.8	1381.7	1330.9	1281.6	1120.5	426.7
57.5°	1121.5	1115.1	1151.1	1307.8	1404.8	1416.7	1403.4	1352.6	1316.1	1184.6	544.0
60°	1221.5	1219.6	1224.0	1335.9	1418.1	1435.9	1426.5	1367.4	1350.1	1233.4	673.1
62.5°	1322.5	1317.1	1321.6	1413.2	1464.5	1476.8	1465.4	1391.5	1376.7	1268.8	813.0
65°	1372.8	1368.9	1389.6	1491.1	1530.5	1538.9	1524.1	1430.5	1381.2	1287.1	901.2
67.5°	1366.4	1365.4	1413.7	1545.8	1585.7	1590.6	1578.3	1469.4	1362.5	1286.6	910.6
69°	1336.3	1334.4	1397.9	1551.2	1603.4	1606.9	1586.7	1449.7	1315.2	1253.6	844.1
70°	1300.9	1302.8	1374.8	1541.3	1603.9	1599.0	1552.2	1421.6	1279.2	1215.6	759.3
72.5°	1168.8	1181.1	1279.7	1476.8	1536.4	1481.2	1420.1	1329.4	1210.7	1036.3	530.2
75°	977.6	994.9	1122.0	1342.7	1321.1	1293.5	1286.1	1217.1	1096.9	688.4	377.0
77.5°	478.0	535.1	796.3	1031.3	1084.1	1112.1	1101.8	1006.2	881.5	338.0	245.9
80°	25.1	26.1	41.9	98.6	502.1	638.6	785.4	768.2	667.2	154.2	129.6
82.5°	13.3	13.3	14.8	17.2	20.2	24.1	64.1	440.0	396.7	79.3	48.3
85°	7.4	7.4	8.9	11.8	15.3	17.7	20.2	26.6	85.2	28.6	7.9
87.5°	3.4	4.4	5.9	8.4	10.8	13.8	15.8	19.7	25.1	24.1	1.5
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°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2.5°	19.2	18.2	16.8	15.8	15.3	14.3	13.3	12.8	12.3	11.8	12.3
5°	19.2	17.7	15.3	13.8	12.8	11.3	10.3	9.9	9.4	8.9	8.9
7.5°	19.2	16.8	13.8	11.8	10.3	9.4	7.9	7.4	6.9	6.4	6.4
10°	19.7	15.8	12.3	10.3	8.9	7.4	6.4	5.4	4.9	4.9	4.9
12.5°	19.7	14.8	10.8	8.9	7.4	5.9	4.4	3.4	3.0	3.0	3.0
15°	19.7	13.8	9.9	7.4	5.9	4.4	2.5	1.5	1.0	1.0	0.5
17.5°	20.2	13.3	8.9	6.4	4.4	2.5	0.5	0.0	0.0	0.0	0.0
20°	21.2	12.8	7.9	5.4	3.0	1.0	0.0	0.0	0.0	0.0	0.0
22.5°	22.2	12.3	6.9	3.9	1.5	0.5	0.0	0.0	0.0	0.0	0.0
25°	24.1	12.3	6.4	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	26.1	12.3	4.9	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	27.6	12.3	4.4	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	29.6	12.3	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	31.0	11.8	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	32.5	11.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	34.5	10.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	36.5	9.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	38.9	9.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	42.4	8.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	47.3	8.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	55.7	8.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	69.5	8.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	93.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	140.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	217.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	333.1	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	422.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	381.4	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	323.2	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	179.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	93.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	39.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	11.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.9	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.5	0.5	0.5	0.5	0.0	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

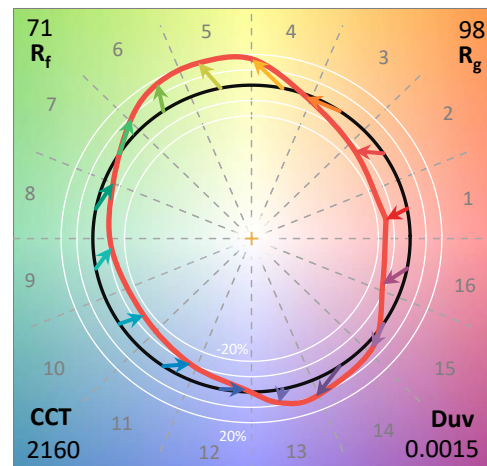
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

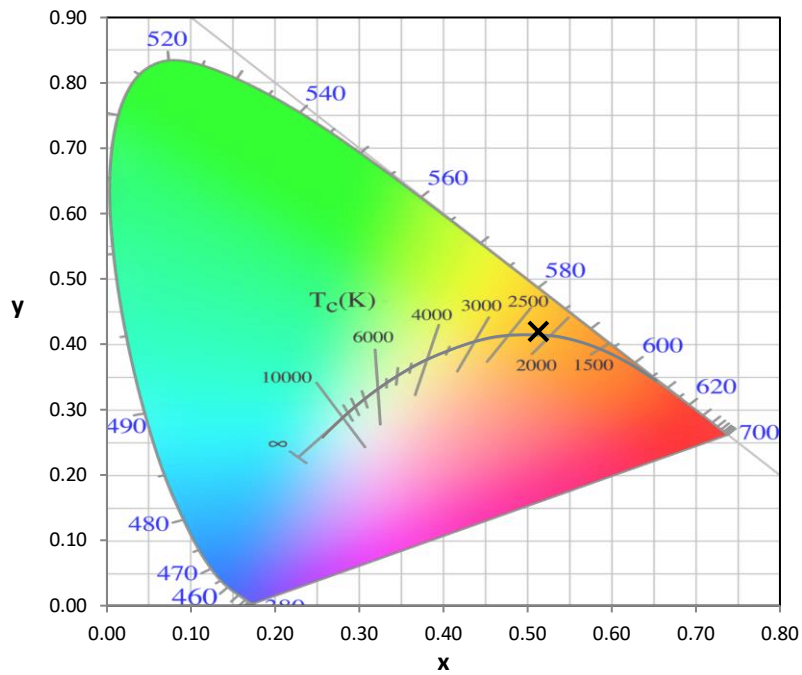
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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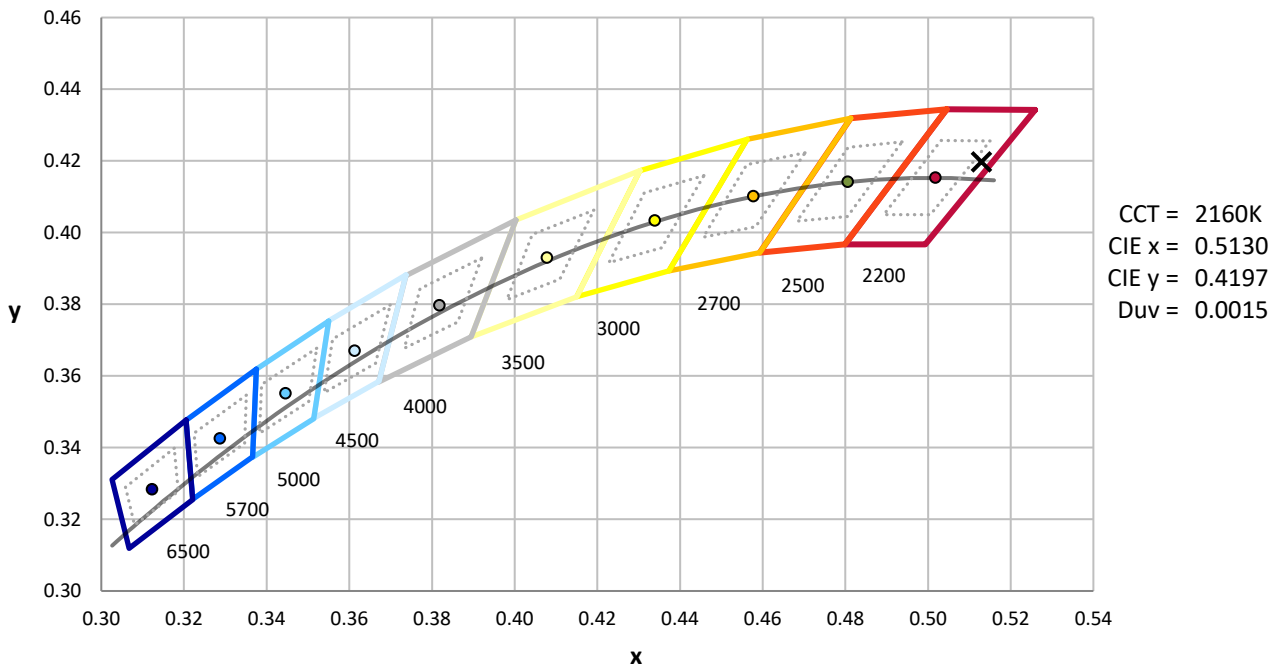
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



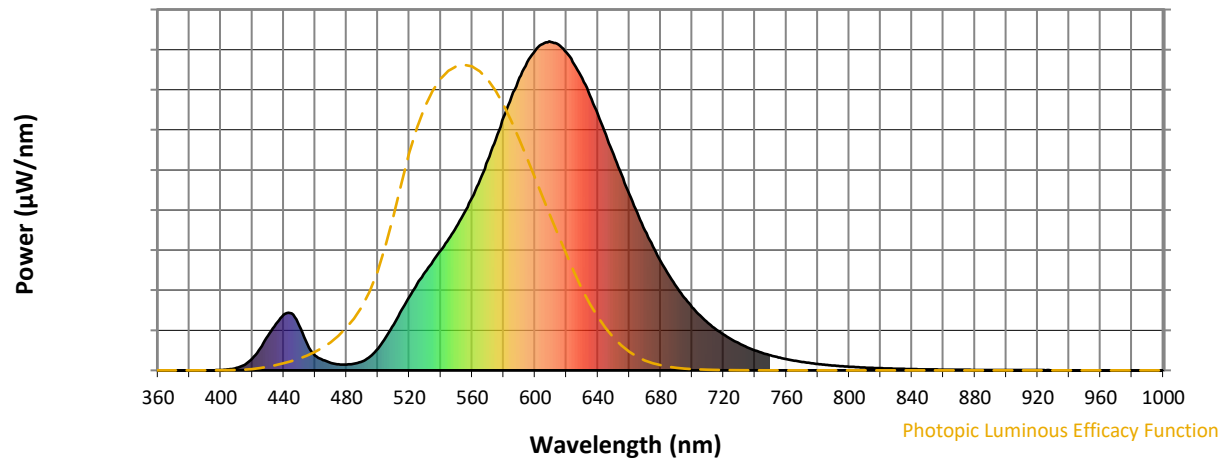
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

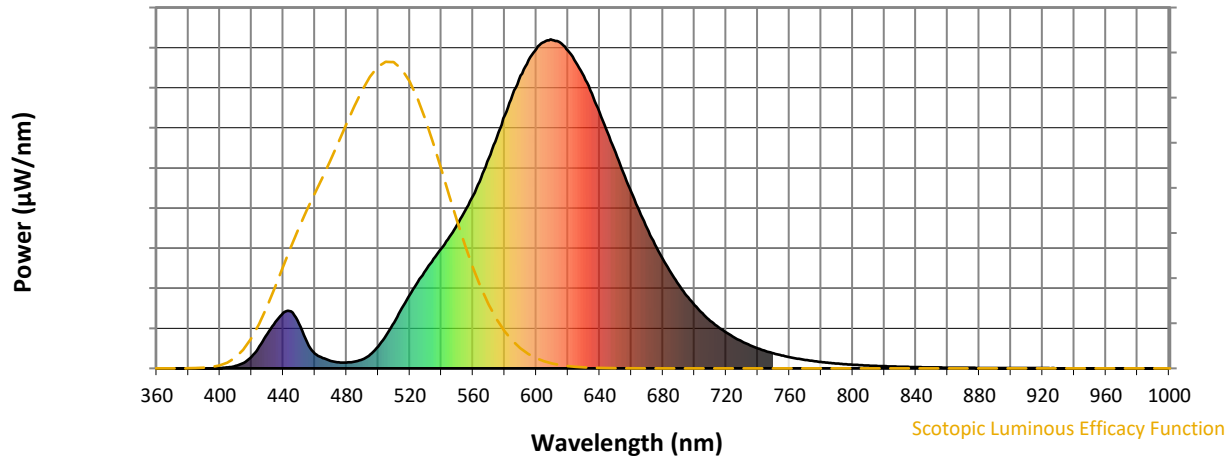


Photopic Lumens: NR

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



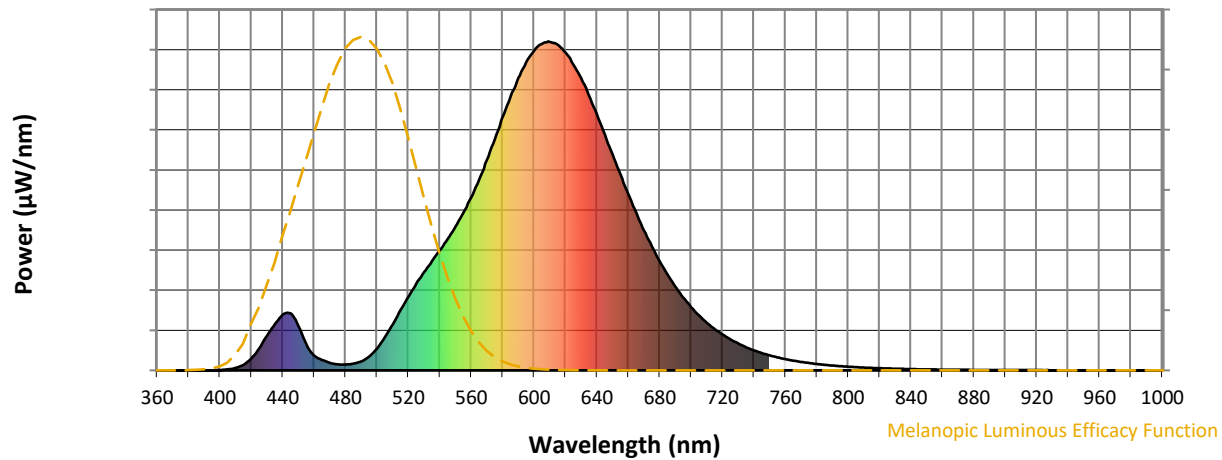
Scotopic Lumens: NR

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

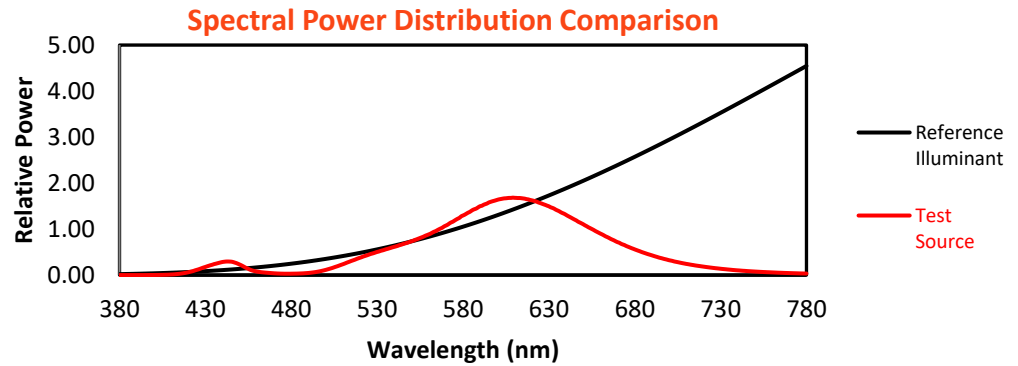
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27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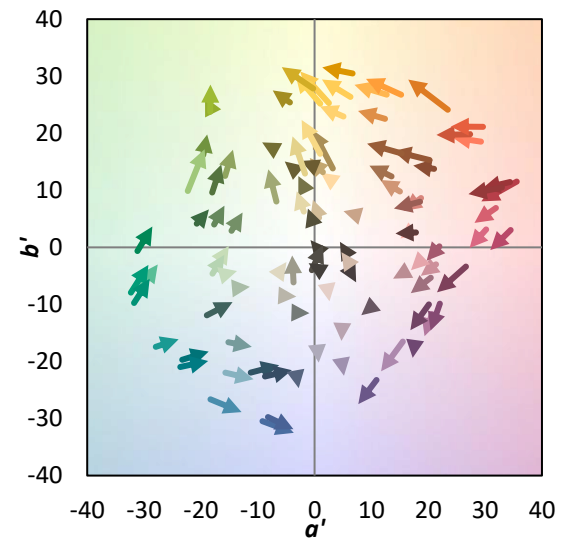
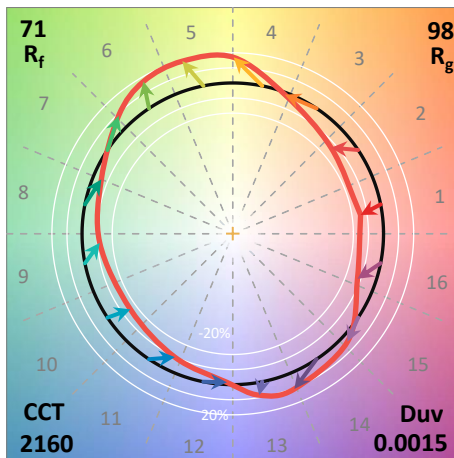
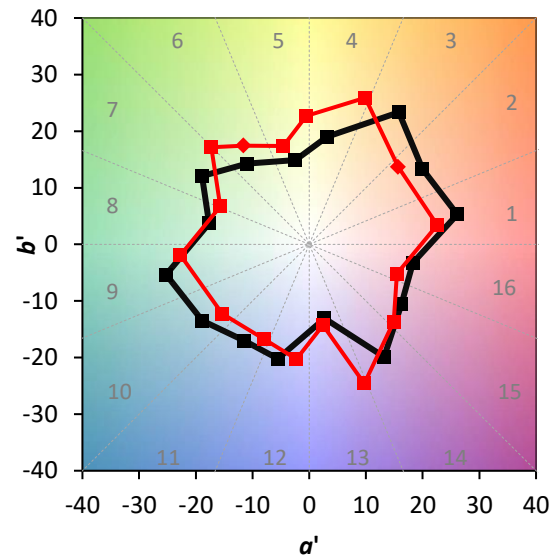
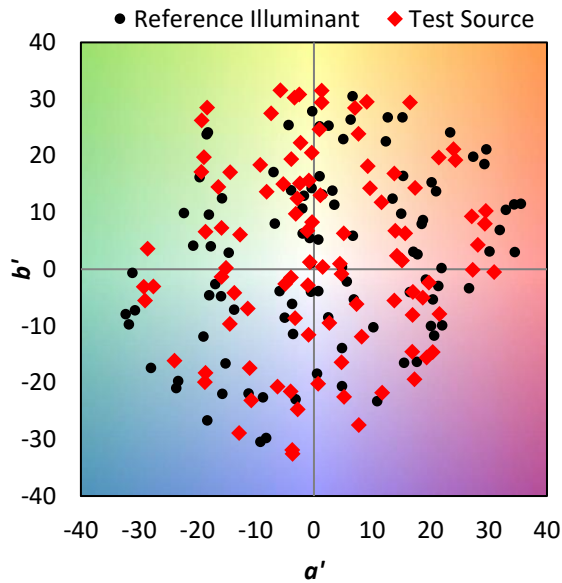
TM-30-18

Summary

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

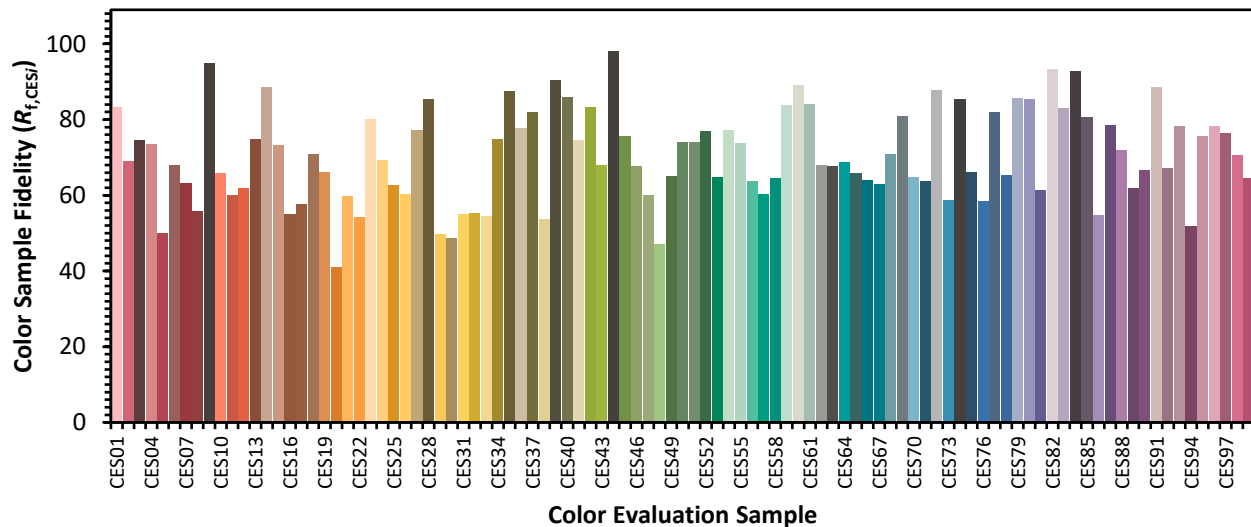


Color Vector Graphics

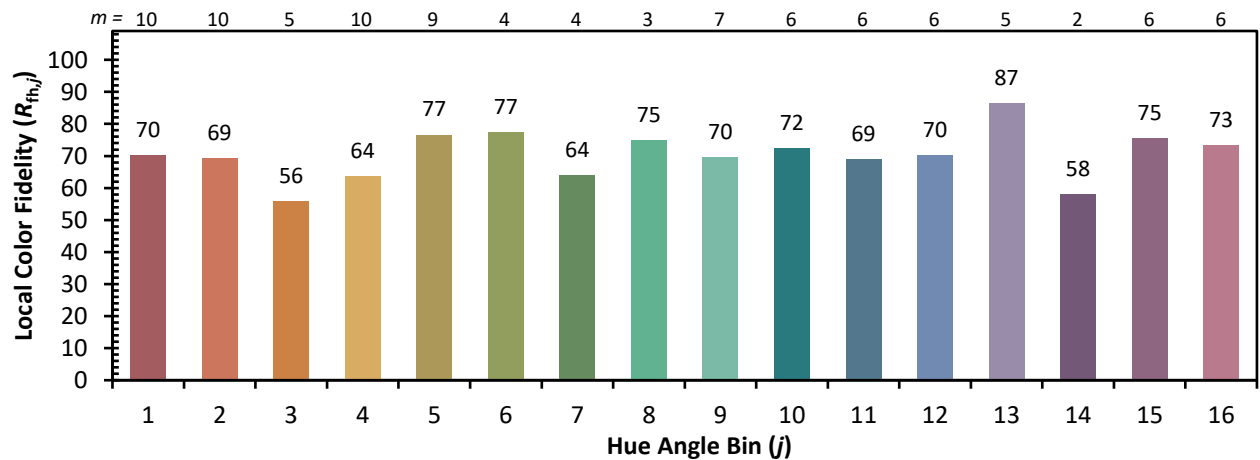
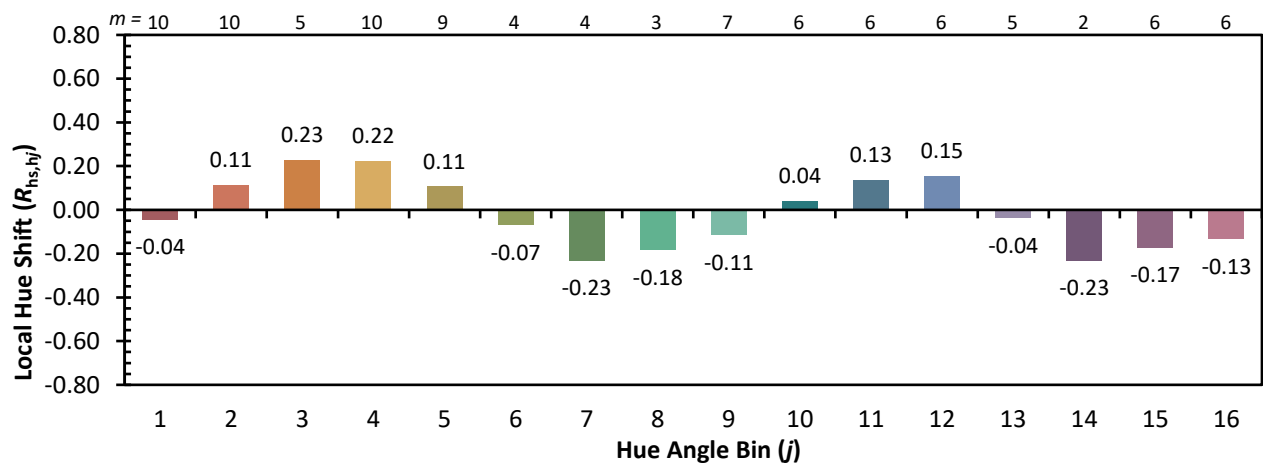
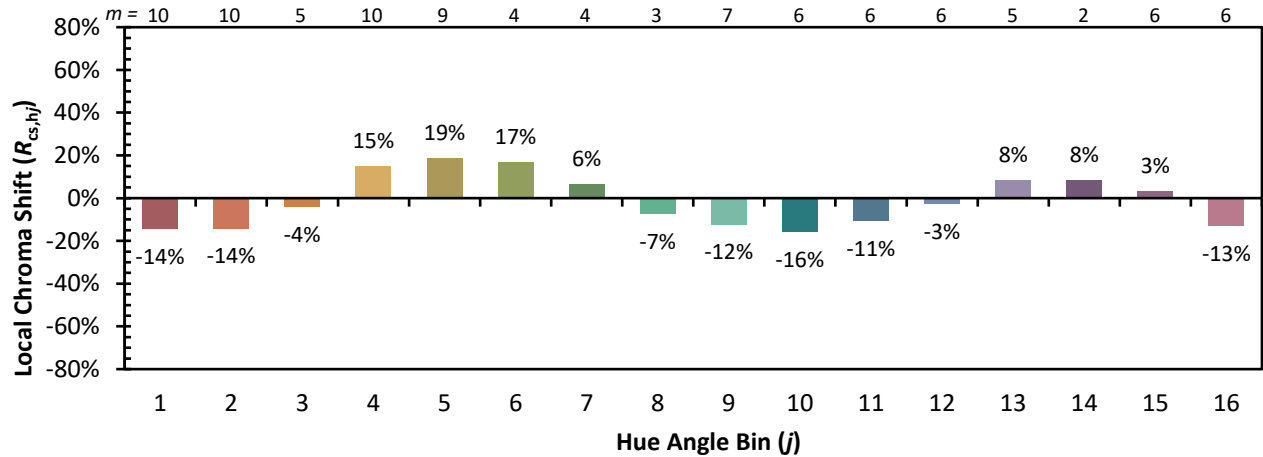


Individual Sample Fidelity Index ($R_{f,i}$)

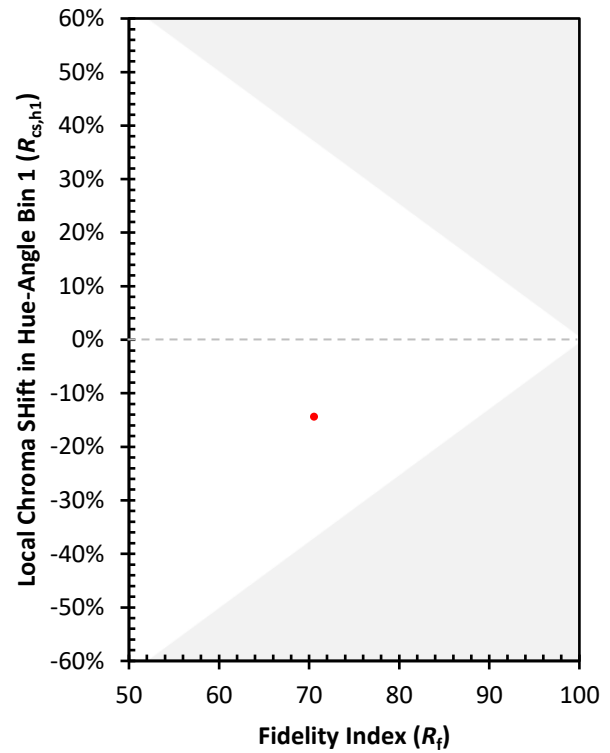
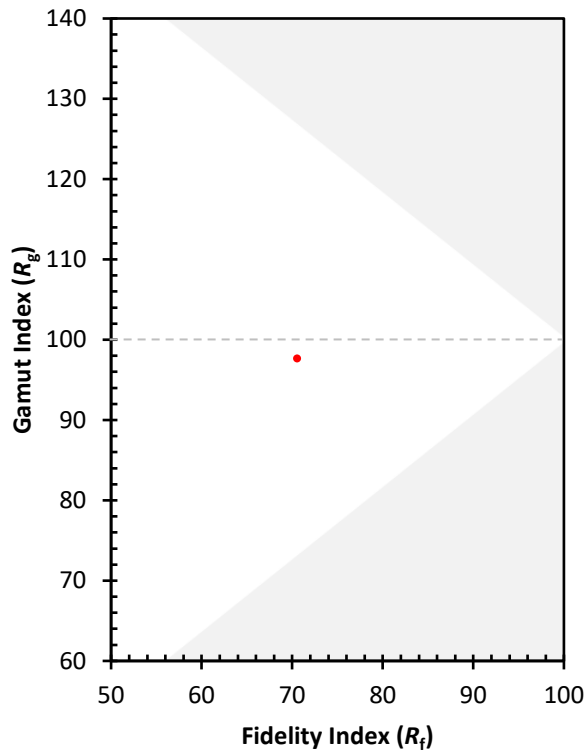
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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