

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: P1048489

Luminaire Tested: **GALN-SA1A-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048489
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3180.9 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 29
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

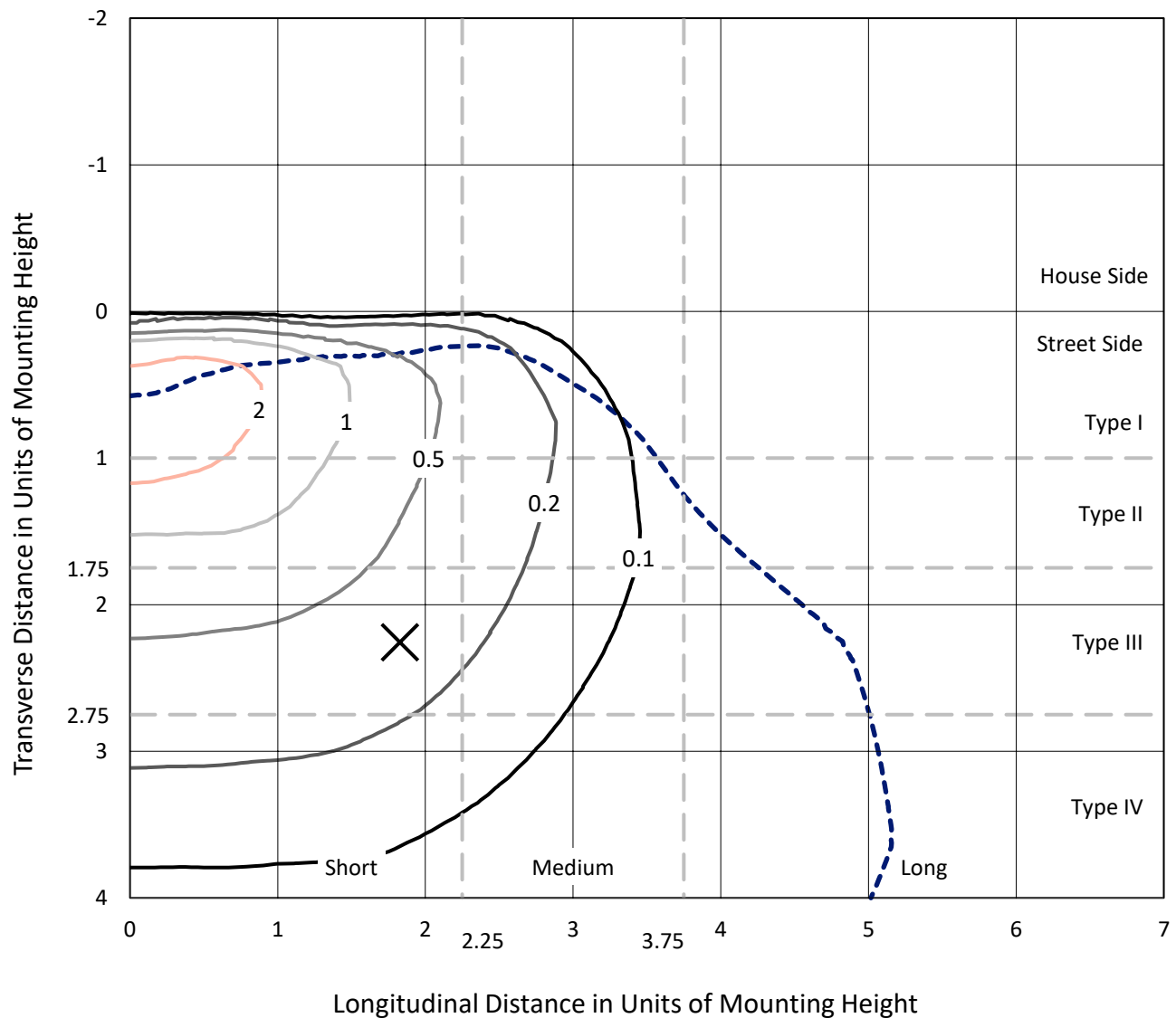


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

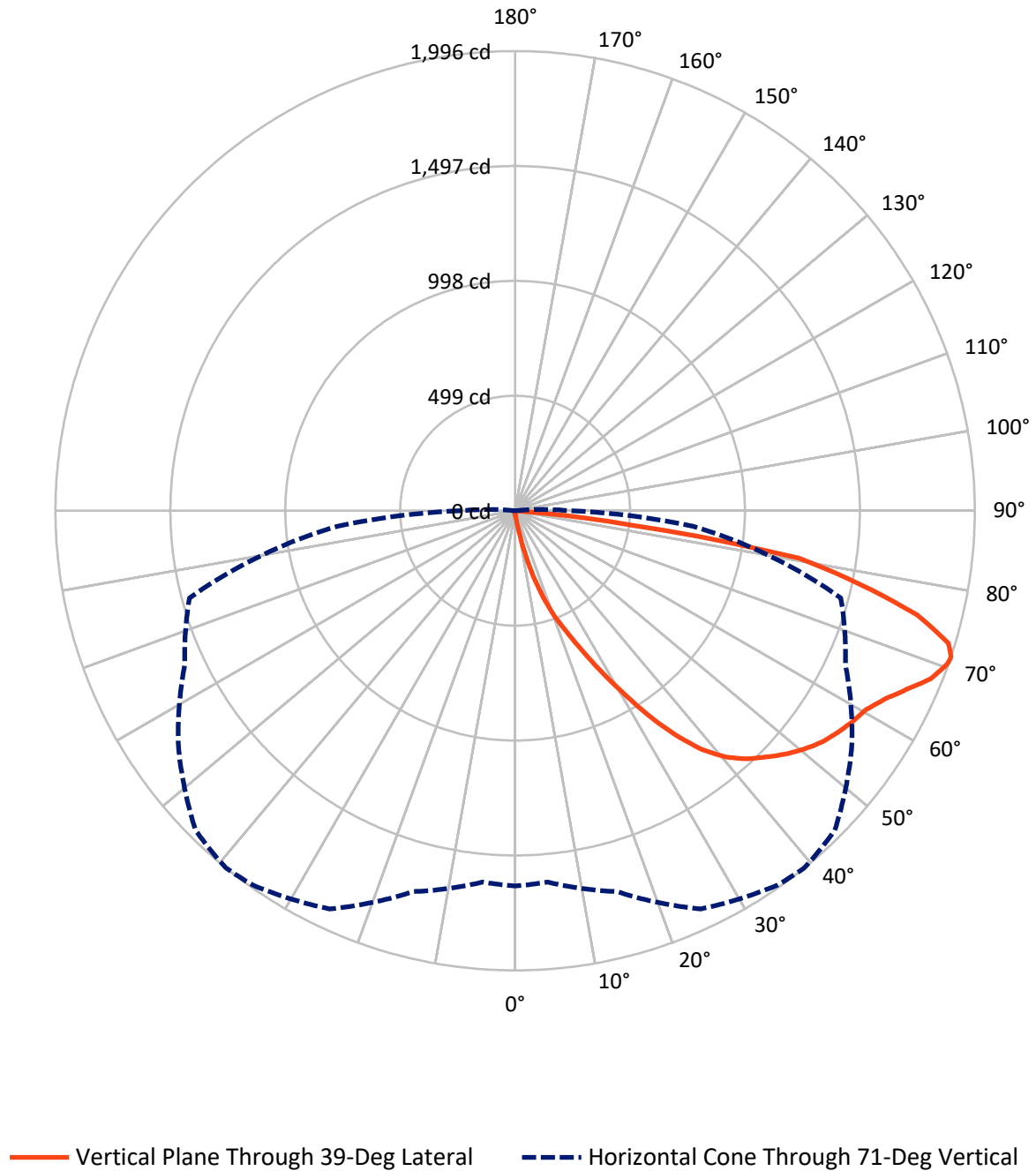


Based on 15 foot mounting height. Maximum calculated value = 3.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.3	0.0	11.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3169.6	0.0	3169.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	3180.9	0.0	3180.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.1
10°-20°	34.0	1.1
20°-30°	121.1	3.8
30°-40°	291.8	9.2
40°-50°	488.3	15.4
50°-60°	627.2	19.7
60°-70°	793.7	25.0
70°-80°	707.7	22.2
80°-90°	114.4	3.6
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°	3180.9	100.0
0°-180°	3180.9	100.0



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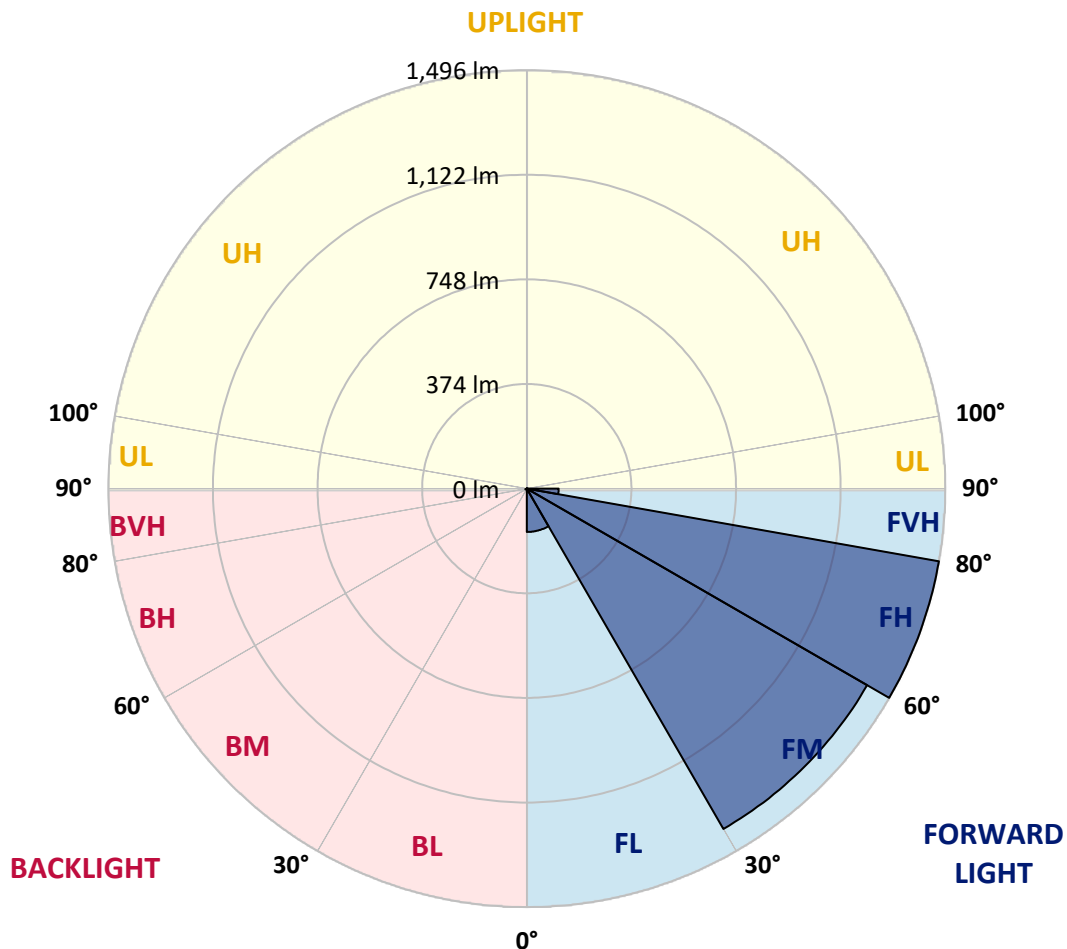
CATALOG NUMBER: GALN-SA1A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	155.0	4.9			
FM	(30°-60°)	1404.7	44.2			
FH	(60°-80°)	1496.0	47.0			G1/1800
FVH	(80°-90°)	113.9	3.6			G2/225
BL	(0°-30°)	2.7	0.1	B0/110		
BM	(30°-60°)	2.6	0.1	B0/220		
BH	(60°-80°)	5.4	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
2.5°	20.0	20.0	20.0	19.4	19.4	19.2	18.9	18.9	18.5	18.3	17.9
5°	30.4	29.7	28.2	27.3	25.6	24.5	23.5	22.0	20.5	19.4	18.1
7.5°	68.7	70.2	65.2	56.0	46.5	42.4	35.5	28.6	23.7	20.5	18.3
10°	175.1	174.2	157.4	138.9	107.2	94.5	74.1	46.7	30.6	22.4	18.5
12.5°	297.8	296.9	277.1	251.9	210.2	183.7	144.9	87.2	43.9	25.4	18.5
15°	400.9	397.5	391.3	366.3	317.4	295.2	244.0	154.2	71.1	30.6	18.9
17.5°	469.2	466.2	460.4	451.3	420.3	394.1	352.9	242.2	115.0	39.6	19.8
20°	531.9	529.7	525.0	523.3	503.2	489.2	455.2	343.5	179.2	53.8	21.1
22.5°	618.0	613.5	615.4	605.1	585.5	568.7	547.8	449.4	257.5	77.5	23.5
25°	723.5	721.4	716.0	708.7	681.5	666.9	634.8	549.3	345.2	108.5	26.1
27.5°	851.0	848.6	847.3	830.5	799.3	783.4	738.6	643.6	443.8	152.0	29.5
30°	997.8	998.9	990.5	969.0	932.6	910.2	864.1	742.5	544.8	203.1	33.2
32.5°	1149.9	1147.7	1134.8	1109.4	1076.9	1056.0	997.4	850.8	650.7	270.5	37.5
35°	1313.7	1309.6	1275.6	1246.5	1218.8	1192.5	1139.1	976.5	756.7	346.0	43.3
37.5°	1479.1	1459.9	1391.7	1354.9	1335.7	1314.2	1264.4	1110.7	862.0	430.4	50.4
40°	1604.0	1589.1	1508.2	1440.3	1425.1	1406.8	1369.7	1226.5	973.9	521.1	59.0
42.5°	1673.1	1664.9	1592.1	1525.2	1489.2	1473.1	1441.4	1327.7	1084.6	621.2	71.5
45°	1702.6	1689.9	1641.2	1610.0	1552.7	1526.0	1488.4	1404.2	1200.2	734.9	88.9
47.5°	1693.6	1686.2	1651.4	1662.8	1621.2	1579.7	1524.3	1462.7	1299.1	865.4	112.8
50°	1636.7	1630.5	1619.7	1681.5	1676.3	1627.2	1570.8	1509.0	1379.8	1000.0	149.9
52.5°	1528.6	1526.0	1553.6	1666.9	1707.6	1669.2	1615.6	1549.9	1455.2	1140.6	202.8
55°	1389.3	1399.9	1478.7	1644.0	1723.5	1700.2	1655.2	1588.3	1515.7	1266.4	281.0
57.5°	1332.0	1334.8	1433.2	1627.9	1730.6	1727.6	1693.8	1624.9	1571.3	1366.9	400.3
60°	1399.0	1394.7	1446.6	1640.2	1744.8	1752.1	1728.0	1658.9	1619.5	1453.3	559.2
62.5°	1520.0	1517.6	1534.2	1692.5	1786.4	1801.2	1775.6	1683.4	1662.1	1510.1	740.5
65°	1628.1	1623.2	1653.9	1785.3	1859.4	1869.9	1847.5	1725.4	1680.9	1551.5	910.8
67.5°	1674.8	1673.8	1723.3	1873.6	1936.0	1947.4	1927.8	1783.4	1676.6	1564.6	986.0
70°	1653.5	1649.4	1728.7	1911.1	1979.3	1992.2	1973.3	1804.9	1629.8	1523.0	874.7
71°	1630.0	1619.1	1712.5	1908.5	1985.3	1996.3	1963.2	1785.3	1582.9	1464.0	773.7
72.5°	1557.3	1559.2	1668.2	1881.6	1970.9	1967.7	1905.9	1715.1	1526.3	1330.1	621.4
75°	1378.1	1389.5	1524.5	1768.5	1842.1	1801.0	1706.5	1581.0	1412.6	953.7	431.5
77.5°	1126.2	1143.2	1291.5	1551.0	1530.1	1526.0	1522.2	1393.0	1206.3	512.3	300.2
80°	537.7	574.5	779.1	1107.2	1202.8	1249.1	1220.1	1122.5	932.8	244.0	179.4
82.5°	35.1	34.7	49.1	93.0	392.1	506.9	805.3	802.3	650.3	118.9	73.2
85°	16.6	17.0	18.7	21.3	24.8	27.1	37.5	219.6	311.2	56.6	15.9
87.5°	9.7	9.9	11.6	14.9	19.4	21.5	25.6	32.9	40.5	31.2	3.4
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: GALN-SA1A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
2.5°	17.7	17.4	16.8	16.1	15.5	15.1	14.9	15.1	15.1	15.3	15.3
5°	17.7	17.0	15.9	14.6	13.8	12.9	12.5	12.3	12.5	12.5	12.5
7.5°	17.4	16.4	14.9	13.4	12.3	11.2	10.8	10.6	10.6	10.8	10.8
10°	17.0	15.9	14.0	12.3	11.0	9.7	9.0	8.4	8.4	8.4	8.6
12.5°	16.8	15.3	12.9	11.2	9.5	8.0	6.7	6.0	6.2	6.2	6.2
15°	16.4	14.6	12.3	10.1	8.0	6.0	5.0	4.3	4.5	4.7	4.5
17.5°	16.4	14.4	11.4	8.8	6.2	4.5	3.7	3.2	3.2	3.4	3.4
20°	16.4	14.0	10.8	7.5	4.7	3.4	2.6	2.4	2.4	2.8	3.0
22.5°	16.8	14.0	9.9	6.2	3.9	2.6	1.9	1.7	1.9	2.4	2.6
25°	17.4	13.8	9.0	5.6	3.2	1.9	1.5	1.1	1.3	1.7	1.9
27.5°	18.1	13.6	8.2	5.0	2.6	1.5	1.1	0.9	0.6	0.9	0.9
30°	18.7	13.6	7.3	4.1	2.2	1.1	0.6	0.4	0.2	0.0	0.0
32.5°	19.2	13.1	6.7	3.2	1.7	0.9	0.4	0.2	0.0	0.0	0.0
35°	19.6	12.7	5.8	2.6	1.3	0.6	0.2	0.0	0.0	0.0	0.0
37.5°	20.0	12.1	5.0	2.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0
40°	20.5	11.2	4.1	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	20.9	10.6	3.4	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	22.0	10.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	23.9	9.7	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	26.7	9.3	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	30.6	9.0	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	37.5	8.8	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	49.3	8.6	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	75.6	8.2	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	135.0	8.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	235.4	8.2	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	337.4	8.6	1.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	288.8	7.5	1.5	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0
71°	235.4	6.7	1.5	0.9	0.4	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	151.4	5.2	1.3	0.9	0.4	0.4	0.2	0.0	0.0	0.0	0.0
75°	64.0	4.3	1.3	0.9	0.6	0.4	0.4	0.2	0.0	0.0	0.0
77.5°	27.3	3.2	1.3	1.1	0.9	0.6	0.6	0.4	0.2	0.0	0.0
80°	10.3	2.6	1.5	1.3	1.1	1.1	0.9	0.4	0.2	0.0	0.0
82.5°	4.7	2.2	1.5	1.3	1.3	1.1	0.9	0.6	0.4	0.0	0.0
85°	3.0	1.9	1.5	1.3	1.3	1.1	1.1	0.6	0.4	0.0	0.0
87.5°	2.4	1.9	1.5	1.5	1.3	1.3	0.9	0.6	0.2	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

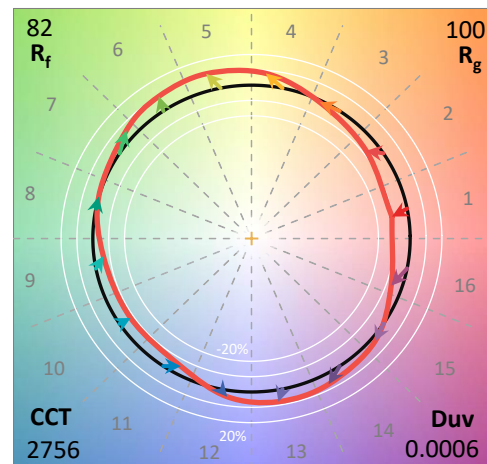
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

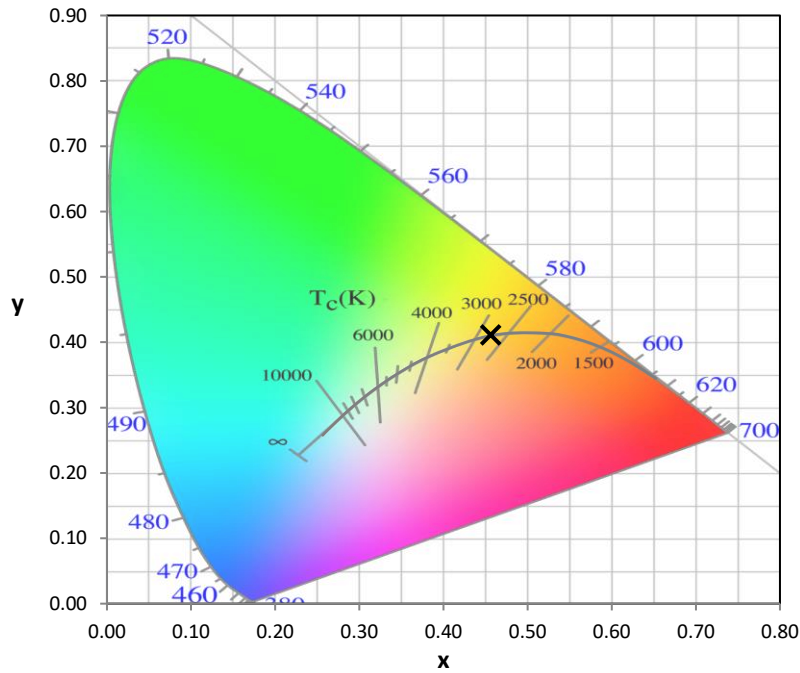
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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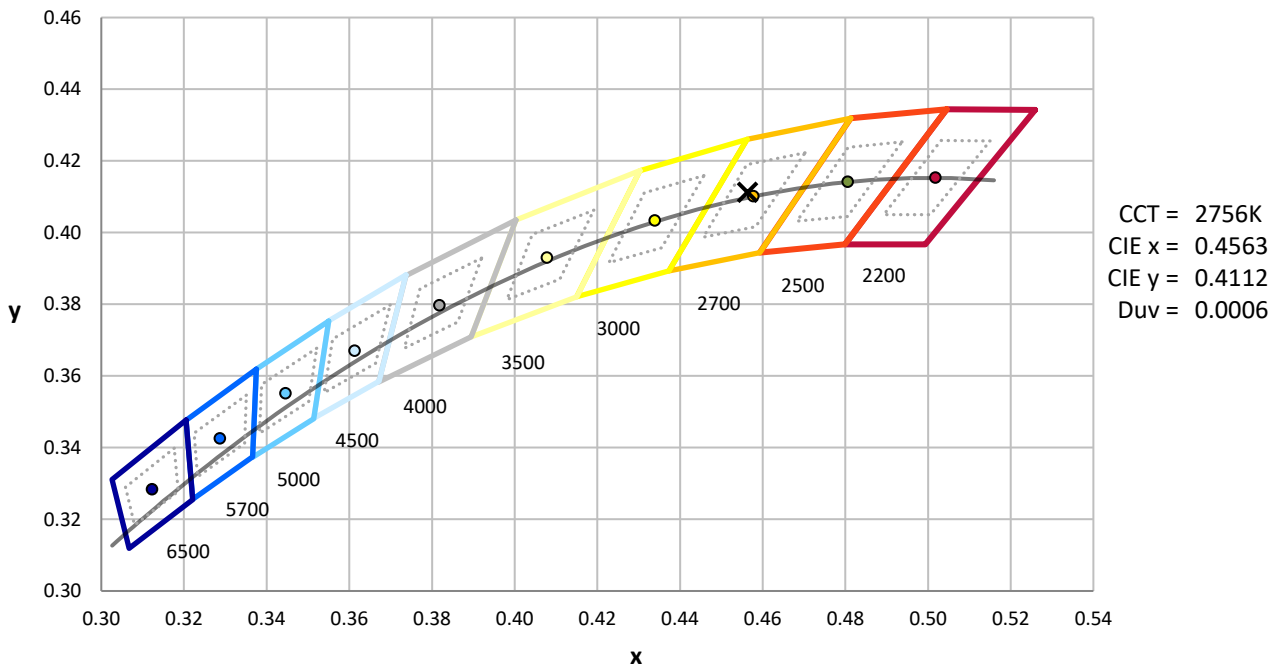
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



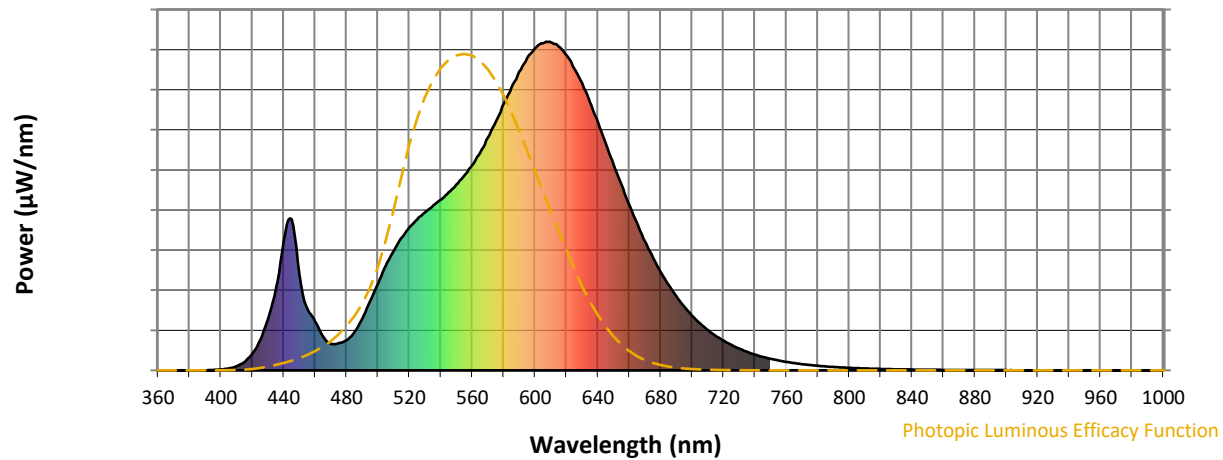
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

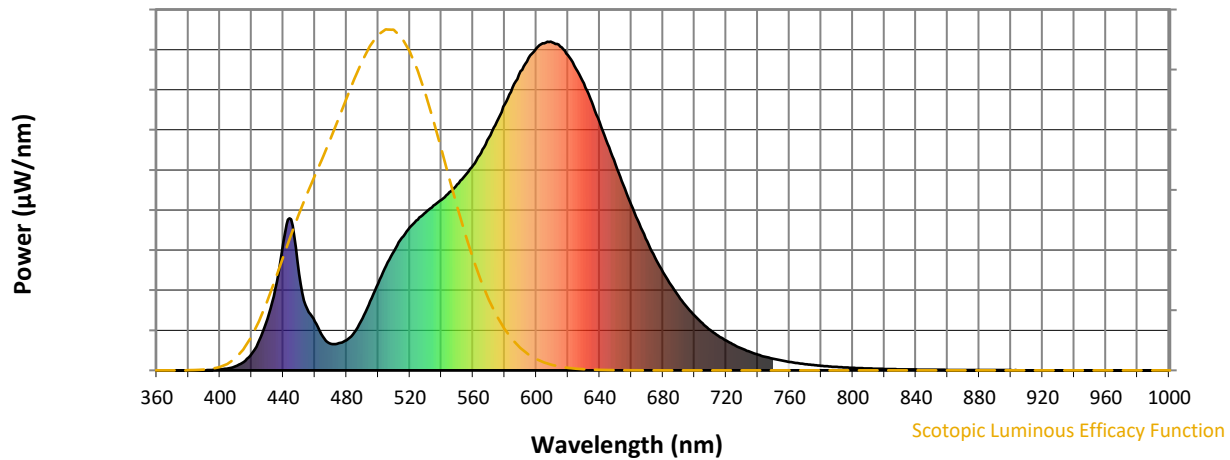


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



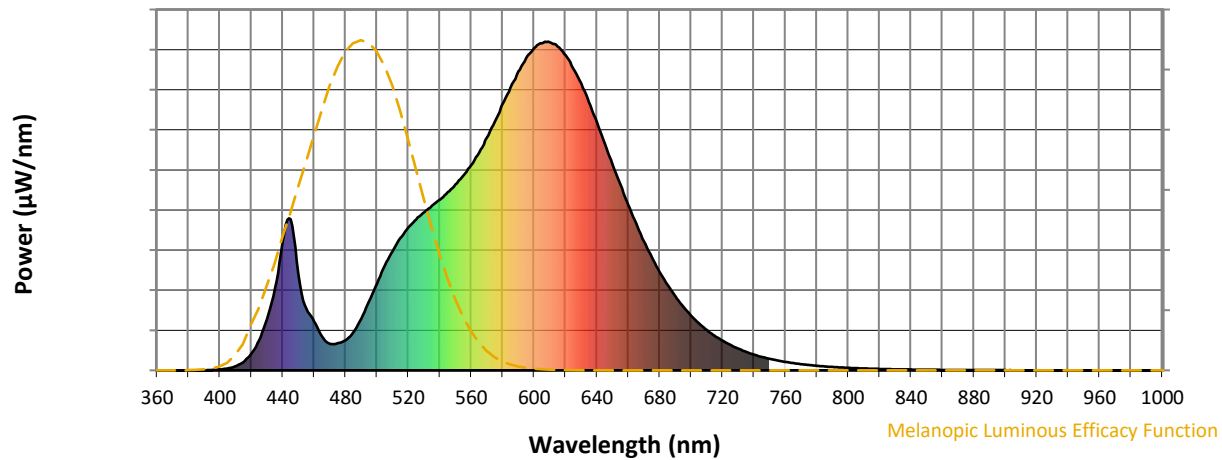
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

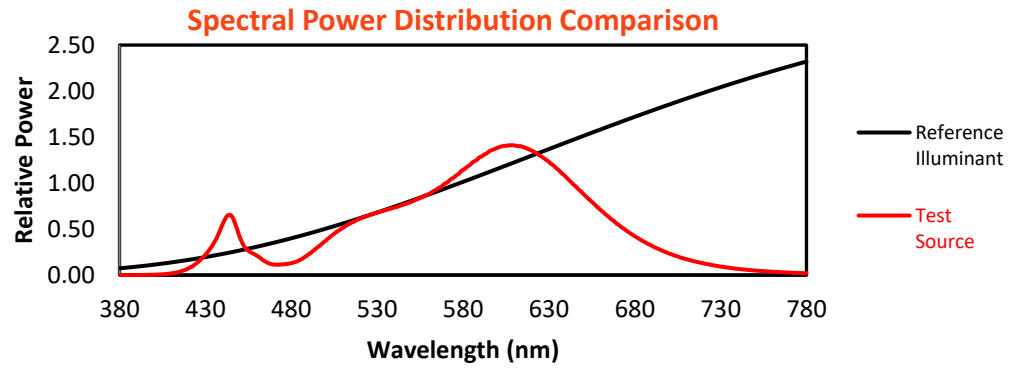
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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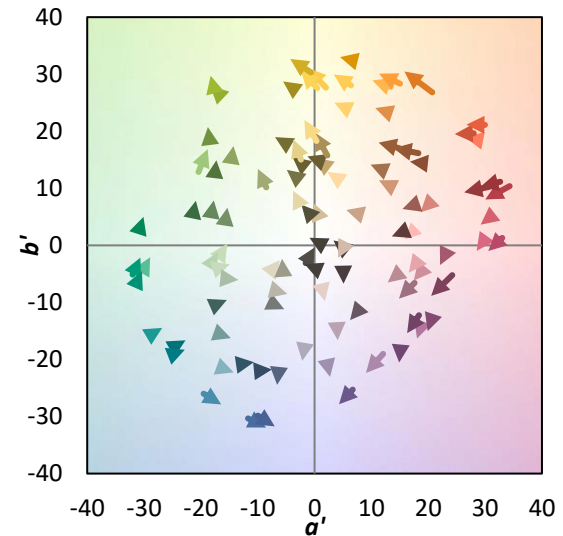
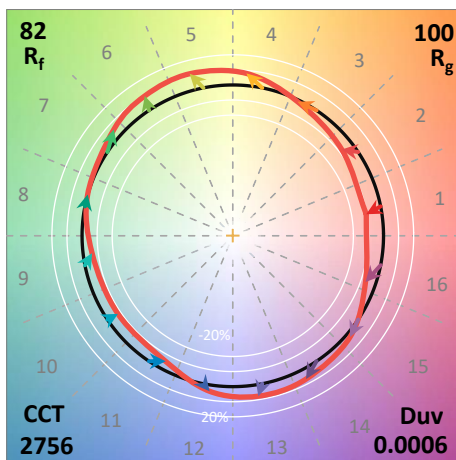
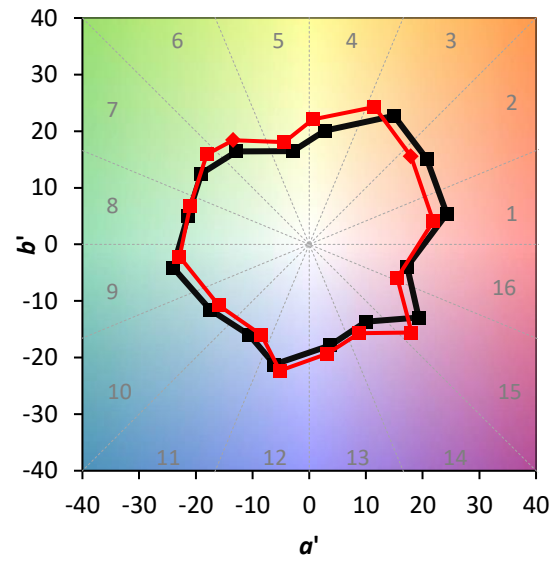
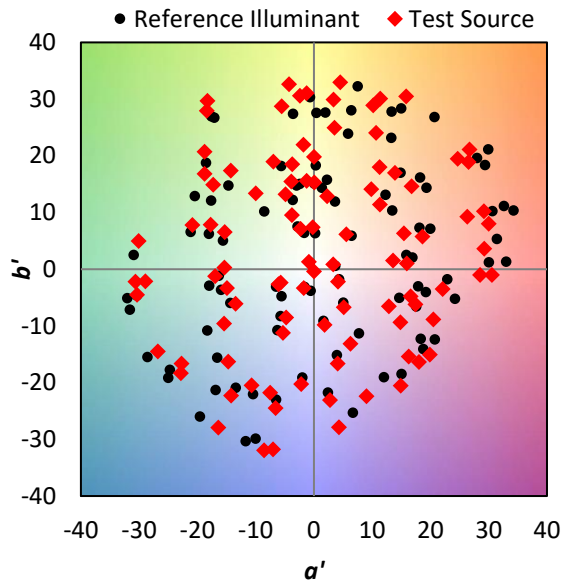
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE\ R_a = 82.9$
 $R_9 = 10.8$

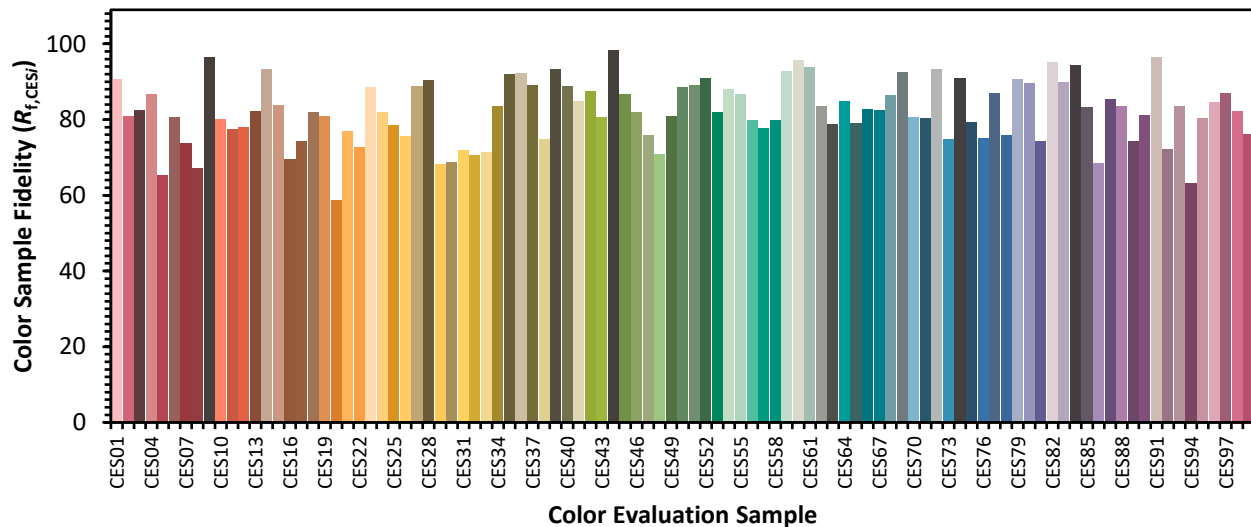


Color Vector Graphics

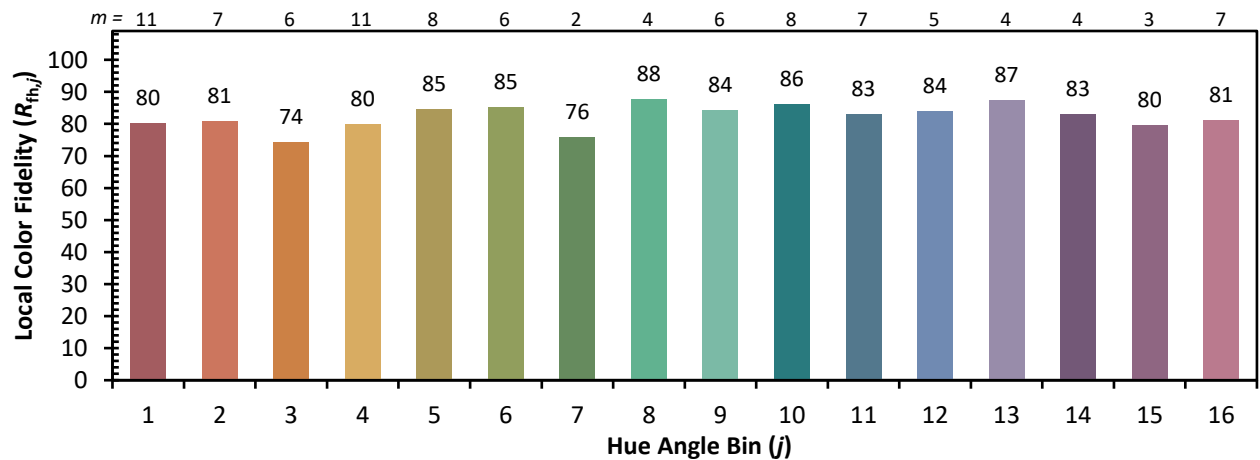
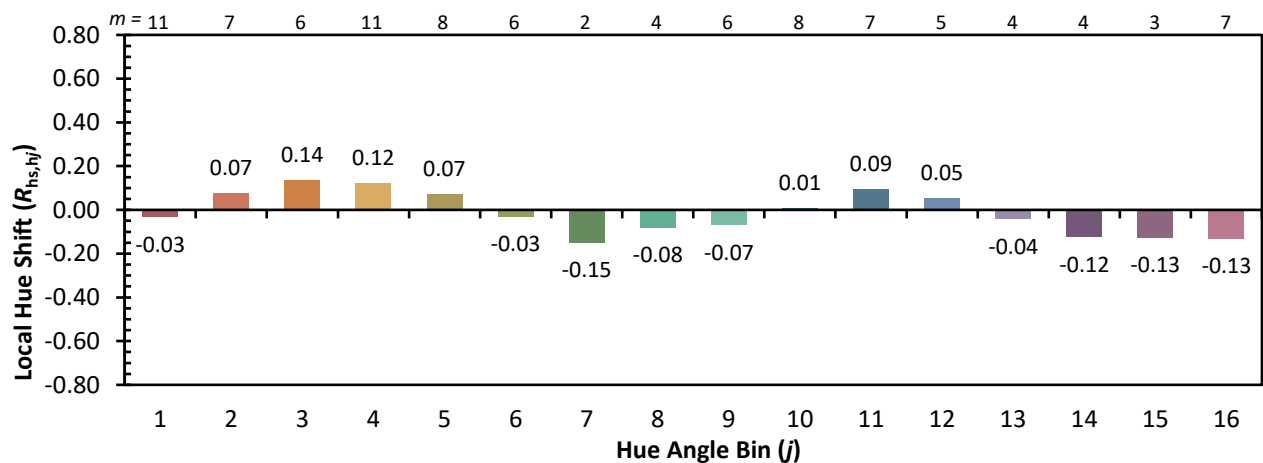
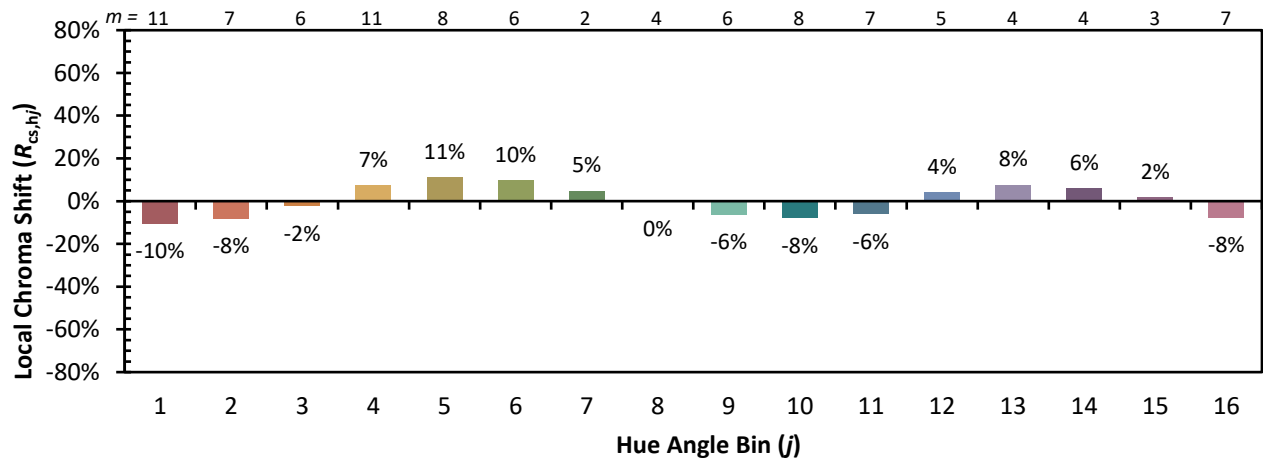


Individual Sample Fidelity Index ($R_{f,i}$)

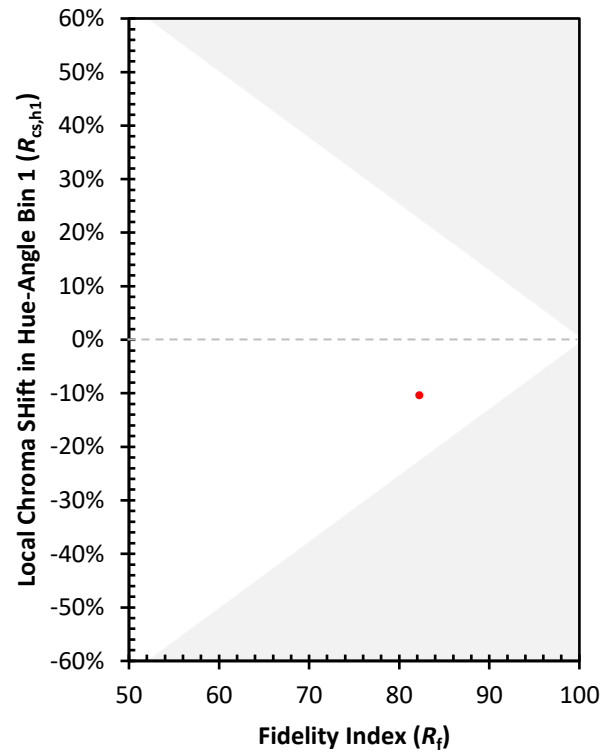
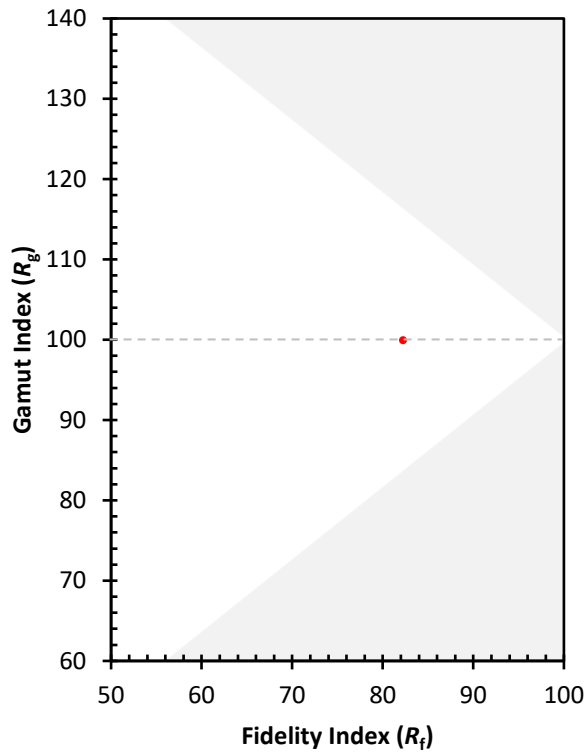
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)