Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1502648

Luminaire Tested: GSS-SB1D-827-U-T4LG-HSS

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502648
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6520.5 lumens
Efficiency:	N/A
Efficacy:	85.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

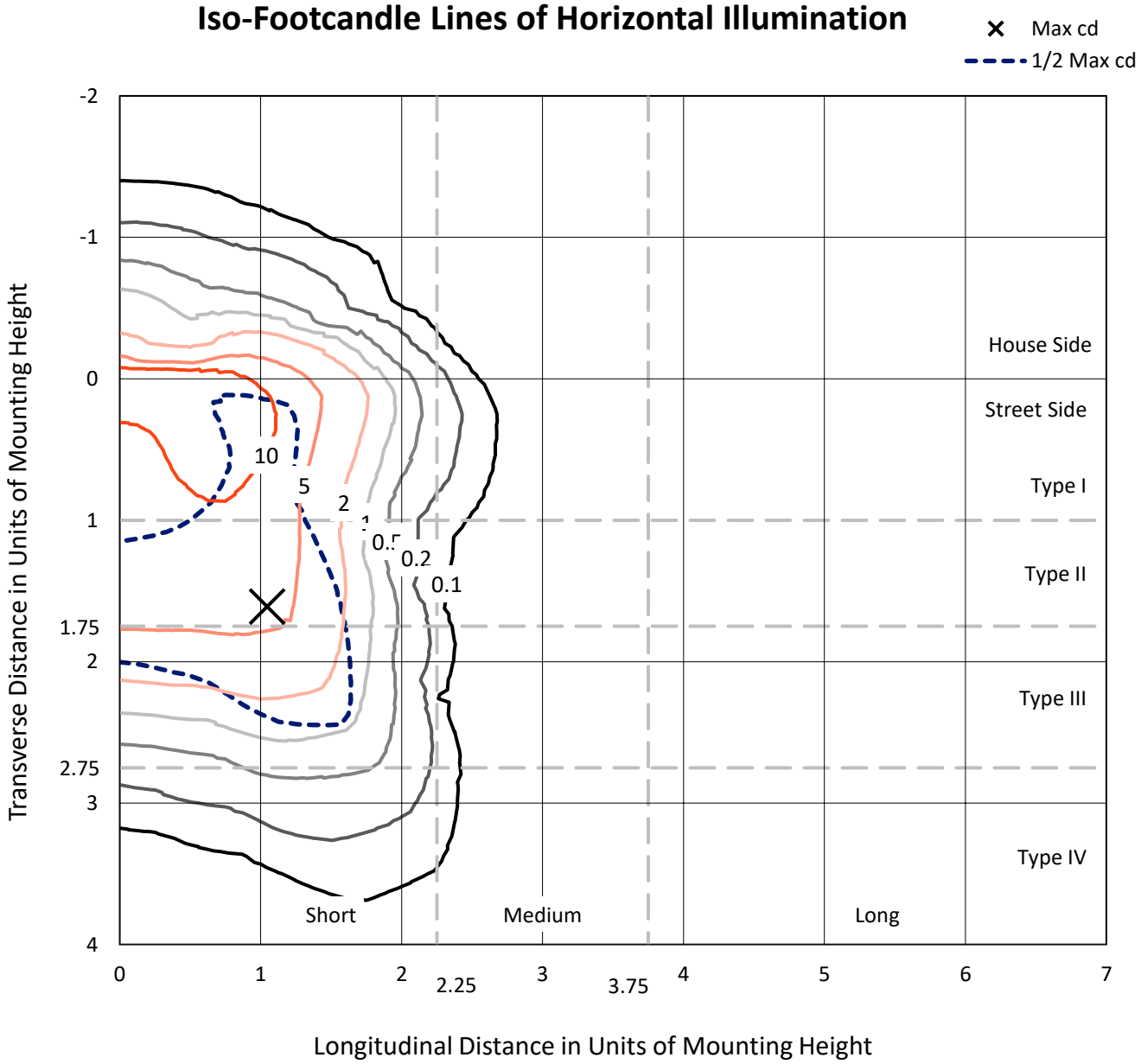
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502648
CATALOG NUMBER: GSS-SB1D-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



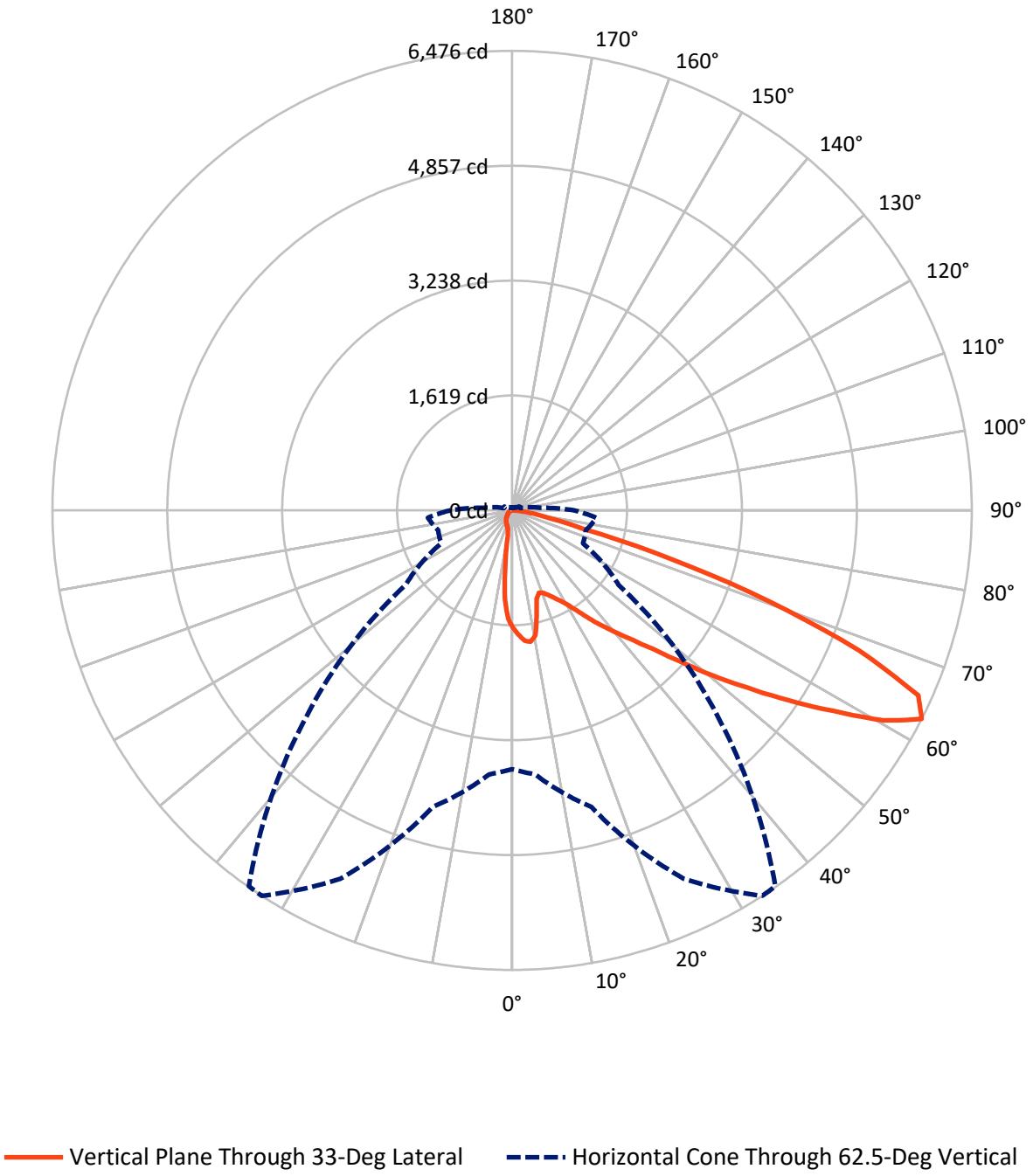
Based on 10 foot mounting height. Maximum calculated value = 19.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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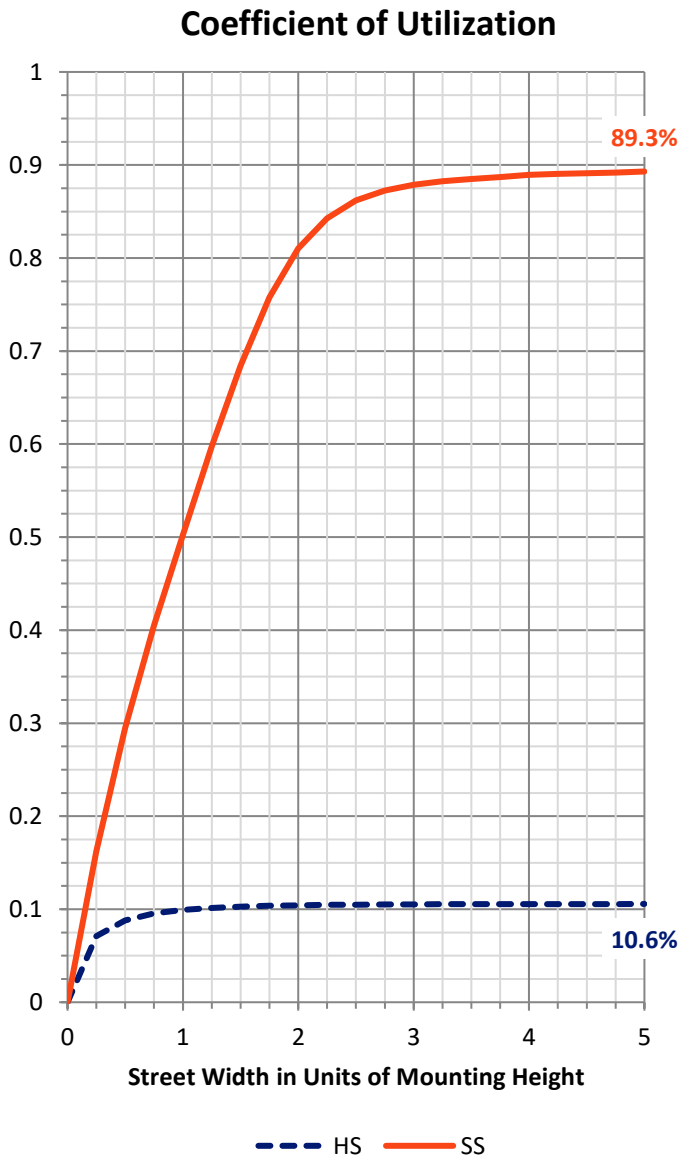
REPORT NUMBER: P1502648
CATALOG NUMBER: GSS-SB1D-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	693.8	0.0	693.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	5826.7	0.0	5826.7
	% Fixture	89.4	0.0	89.4
Total	Lumens	6520.5	0.0	6520.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.8	2.2
10°-20°	314.2	4.8
20°-30°	506.4	7.8
30°-40°	842.5	12.9
40°-50°	1331.6	20.4
50°-60°	1789.0	27.4
60°-70°	1313.3	20.1
70°-80°	259.9	4.0
80°-90°	22.6	0.3
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°	6520.5	100.0
0°-180°	6520.5	100.0



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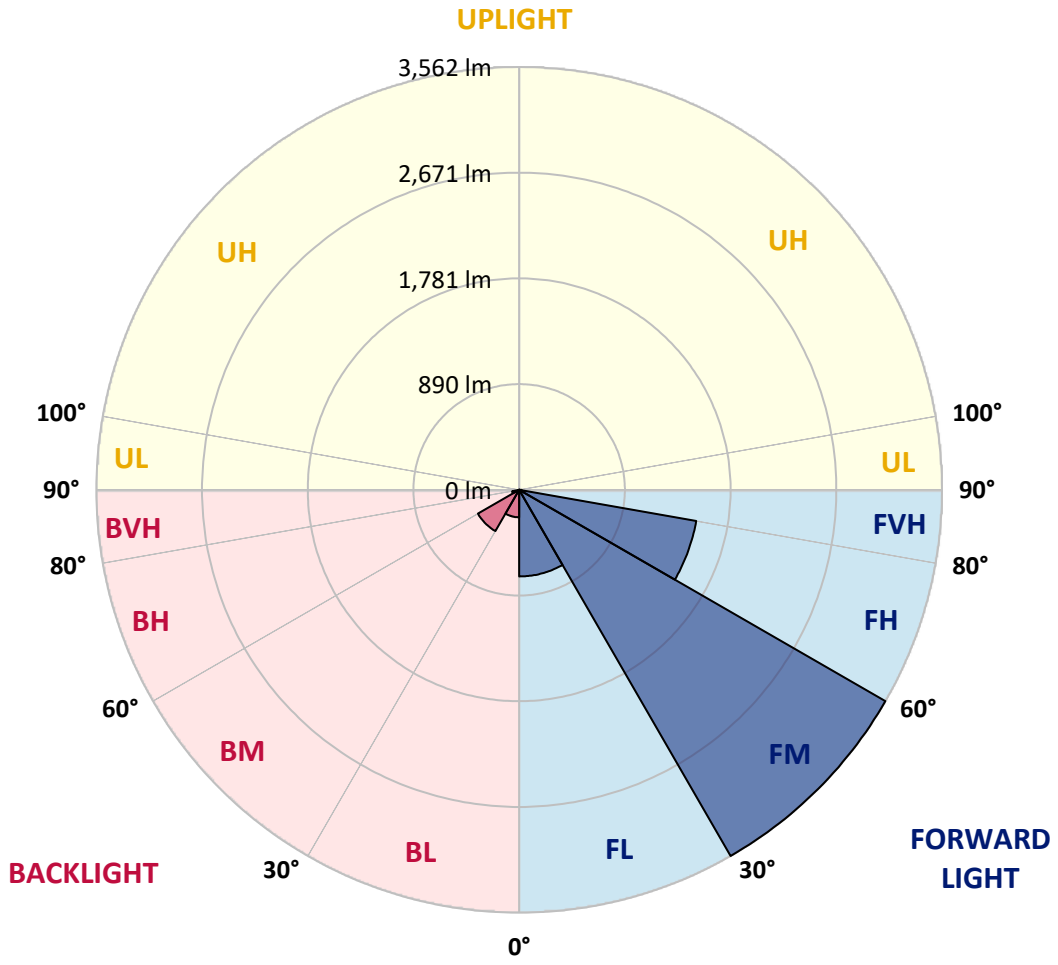
Scaled Data Report

REPORT NUMBER: P1502648
CATALOG NUMBER: GSS-SB1D-827-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	730.0	11.2			
FM	(30°-60°)	3561.8	54.6			
FH	(60°-80°)	1514.0	23.2			G1/1800
FVH	(80°-90°)	20.9	0.3			G1/100
BL	(0°-30°)	231.5	3.6	B1/500		
BM	(30°-60°)	401.4	6.2	B1/1000		
BH	(60°-80°)	59.3	0.9	B0/110		G0/110
BVH	(80°-90°)	1.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3
2.5°	1764.6	1772.0	1772.0	1757.3	1753.6	1746.3	1738.9	1737.1	1713.2	1694.8	1676.5
5°	1854.6	1852.8	1850.9	1843.6	1845.4	1836.2	1830.7	1821.5	1781.1	1753.6	1704.0
7.5°	1816.0	1832.6	1839.9	1860.1	1869.3	1867.4	1882.1	1885.8	1850.9	1812.4	1737.1
10°	1564.5	1555.3	1621.4	1707.7	1794.0	1814.2	1893.2	1935.4	1922.5	1887.6	1790.3
12.5°	1239.5	1248.6	1294.5	1395.5	1536.9	1581.0	1808.7	1975.8	2012.5	1990.5	1863.8
15°	1134.8	1134.8	1158.7	1206.4	1290.9	1333.1	1614.0	1970.3	2108.0	2109.8	1955.6
17.5°	1112.8	1116.4	1136.6	1167.8	1222.9	1241.3	1437.8	1889.5	2201.6	2234.7	2058.4
20°	1116.4	1121.9	1144.0	1188.0	1241.3	1263.3	1391.9	1786.7	2280.6	2370.6	2166.8
22.5°	1129.3	1127.4	1166.0	1224.8	1292.7	1312.9	1430.4	1744.4	2346.7	2526.7	2293.5
25°	1144.0	1145.8	1195.4	1278.0	1360.6	1384.5	1516.7	1783.0	2394.4	2693.8	2422.0
27.5°	1188.0	1193.6	1254.1	1344.1	1441.4	1472.7	1628.7	1884.0	2477.1	2855.3	2561.5
30°	1256.0	1261.5	1331.3	1439.6	1544.3	1592.0	1768.3	2010.7	2600.1	3042.6	2704.8
32.5°	1334.9	1342.3	1432.3	1557.1	1683.8	1729.7	1928.0	2203.5	2763.5	3233.6	2853.5
35°	1434.1	1454.3	1551.6	1700.4	1871.1	1915.2	2124.5	2422.0	2976.5	3404.4	2980.2
37.5°	1570.0	1586.5	1705.9	1891.3	2063.9	2122.7	2344.9	2651.5	3169.3	3556.8	3083.0
40°	1735.2	1749.9	1884.0	2086.0	2265.9	2315.5	2576.2	2882.9	3376.8	3641.3	3105.1
42.5°	2010.7	2051.1	2135.5	2306.3	2499.1	2561.5	2833.3	3106.9	3527.4	3657.8	3070.2
45°	2491.8	2504.6	2523.0	2603.8	2789.2	2844.3	3105.1	3301.5	3617.4	3661.5	3039.0
47.5°	2952.7	2996.7	3022.4	3059.2	3171.2	3191.4	3389.7	3476.0	3689.0	3648.6	3039.0
50°	3413.6	3446.6	3490.7	3534.8	3654.1	3661.5	3690.8	3593.5	3692.7	3543.9	3020.6
52.5°	3832.2	3843.2	3918.5	4003.0	4151.7	4192.1	3969.9	3679.8	3470.5	3213.4	2934.3
55°	4206.8	4221.5	4335.3	4508.0	4721.0	4774.2	4311.5	3512.7	2994.9	2785.6	2734.2
57.5°	4449.2	4484.1	4711.8	5091.9	5332.4	5308.6	4575.9	3121.6	2405.5	2278.8	2379.8
60°	4328.0	4375.7	4855.0	5582.2	6010.0	5940.2	4502.4	2568.9	1777.5	1685.7	1884.0
62.5°	3646.8	3734.9	4328.0	5727.2	6476.4	6465.4	4087.5	1832.6	1101.7	1077.9	1189.9
65°	2535.8	2688.2	3391.5	5242.4	6289.1	6305.6	3441.1	1066.9	510.5	633.5	695.9
67.5°	1494.7	1603.0	2185.1	4280.3	5277.3	5124.9	2339.4	493.9	255.2	385.6	369.1
70°	657.4	730.8	1252.3	2965.5	3845.1	3599.0	1142.1	240.5	194.6	233.2	203.8
72.5°	361.7	394.8	659.2	1566.3	2339.4	2223.7	385.6	159.8	167.1	174.4	146.9
75°	202.0	216.7	347.0	905.3	1028.3	956.7	187.3	104.7	141.4	141.4	108.3
77.5°	117.5	130.4	216.7	563.7	563.7	455.4	113.8	66.1	106.5	95.5	58.8
80°	55.1	62.4	119.4	312.2	356.2	293.8	64.3	45.9	69.8	60.6	38.6
82.5°	16.5	20.2	58.8	121.2	202.0	172.6	33.1	29.4	51.4	38.6	22.0
85°	11.0	12.9	29.4	49.6	99.2	86.3	11.0	9.2	22.0	18.4	9.2
87.5°	1.8	1.8	3.7	3.7	3.7	3.7	1.8	1.8	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

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REPORT NUMBER: P1502648
CATALOG NUMBER: GSS-SB1D-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3	1656.3
2.5°	1665.5	1652.6	1623.2	1595.7	1581.0	1547.9	1535.1	1520.4	1513.1	1511.2	1500.2
5°	1672.8	1648.9	1575.5	1502.0	1424.9	1351.5	1276.2	1210.1	1156.8	1158.7	1160.5
7.5°	1694.8	1647.1	1518.6	1371.7	1206.4	1015.4	811.6	659.2	561.9	541.7	523.3
10°	1724.2	1654.4	1448.8	1177.0	852.0	536.2	378.3	323.2	299.3	293.8	295.6
12.5°	1779.3	1672.8	1360.6	908.9	471.9	308.5	273.6	264.4	260.7	260.7	260.7
15°	1847.3	1698.5	1222.9	594.9	308.5	257.1	249.7	247.9	244.2	244.2	246.1
17.5°	1904.2	1698.5	1041.1	387.4	253.4	238.7	233.2	231.4	231.4	233.2	231.4
20°	1966.6	1685.7	837.3	292.0	235.0	222.2	218.5	218.5	218.5	220.3	220.3
22.5°	2030.9	1663.6	648.2	249.7	218.5	207.5	205.7	207.5	209.3	211.2	211.2
25°	2102.5	1636.1	512.3	231.4	203.8	194.6	194.6	194.6	196.5	200.1	202.0
27.5°	2181.4	1612.2	438.9	220.3	191.0	181.8	181.8	183.6	187.3	189.1	191.0
30°	2254.9	1612.2	415.0	225.9	185.5	174.4	170.8	172.6	176.3	180.0	180.0
32.5°	2346.7	1630.6	427.8	249.7	183.6	163.4	159.8	159.8	163.4	165.3	165.3
35°	2423.8	1665.5	471.9	282.8	191.0	154.2	146.9	145.1	148.7	146.9	148.7
37.5°	2486.3	1713.2	552.7	326.8	205.7	143.2	134.0	128.5	128.5	128.5	128.5
40°	2504.6	1760.9	655.5	356.2	203.8	130.4	117.5	112.0	110.2	108.3	108.3
42.5°	2478.9	1783.0	738.2	354.4	181.8	121.2	104.7	97.3	91.8	90.0	90.0
45°	2458.7	1794.0	767.5	308.5	165.3	110.2	93.6	84.5	79.0	77.1	75.3
47.5°	2460.6	1805.0	723.5	251.6	150.6	101.0	84.5	75.3	69.8	67.9	66.1
50°	2467.9	1786.7	613.3	209.3	137.7	91.8	75.3	67.9	62.4	60.6	58.8
52.5°	2390.8	1689.3	431.5	183.6	126.7	86.3	67.9	62.4	56.9	55.1	55.1
55°	2188.8	1456.1	292.0	163.4	117.5	79.0	62.4	58.8	53.3	49.6	49.6
57.5°	1865.6	1098.1	202.0	148.7	102.8	71.6	58.8	53.3	47.7	44.1	44.1
60°	1426.8	716.1	146.9	135.9	84.5	66.1	55.1	51.4	44.1	40.4	38.6
62.5°	*868.5*	*402.1*	*119.4*	*119.4*	*71.6*	*62.4*	*49.6*	*45.9*	*38.6*	*33.1*	*31.2*
65°	503.1	236.9	97.3	101.0	62.4	56.9	44.1	38.6	31.2	25.7	23.9
67.5°	242.4	137.7	77.1	71.6	55.1	47.7	38.6	33.1	27.5	22.0	20.2
70°	148.7	106.5	58.8	51.4	44.1	36.7	31.2	29.4	23.9	18.4	18.4
72.5°	121.2	86.3	45.9	36.7	33.1	25.7	25.7	23.9	18.4	14.7	12.9
75°	95.5	64.3	34.9	25.7	20.2	20.2	18.4	16.5	14.7	11.0	11.0
77.5°	51.4	44.1	25.7	14.7	11.0	12.9	12.9	11.0	9.2	7.3	7.3
80°	33.1	25.7	14.7	7.3	7.3	7.3	7.3	5.5	5.5	3.7	3.7
82.5°	16.5	12.9	7.3	1.8	3.7	3.7	3.7	3.7	3.7	1.8	1.8
85°	3.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8
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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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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

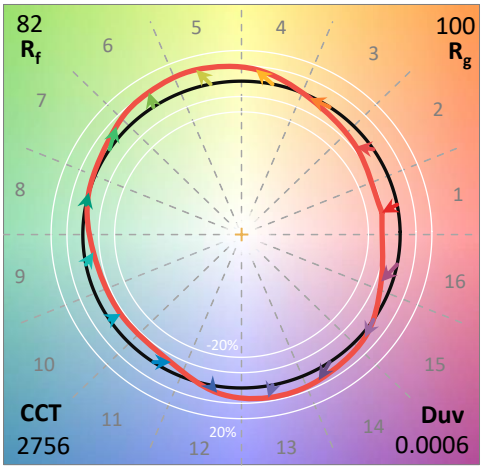
Test Information

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
Rf:	82.2
Rg:	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

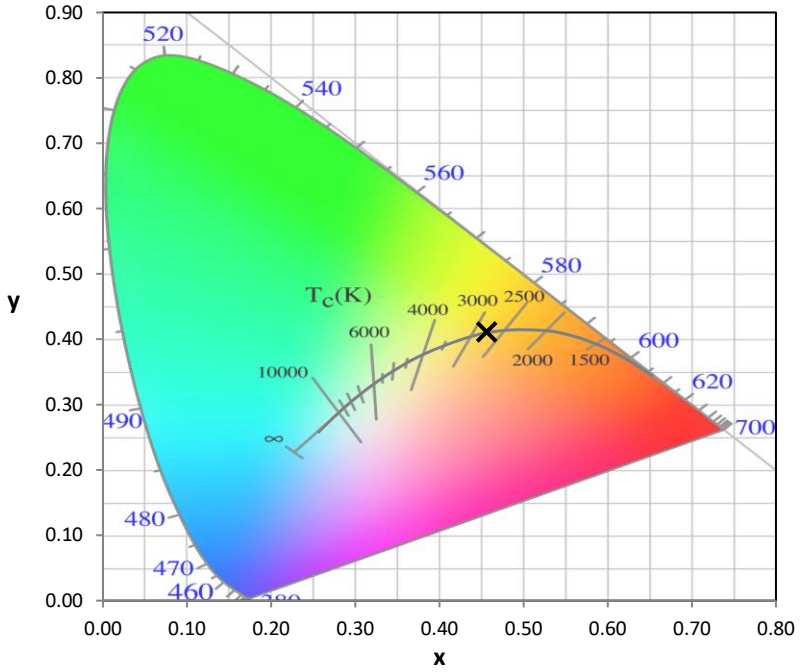
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

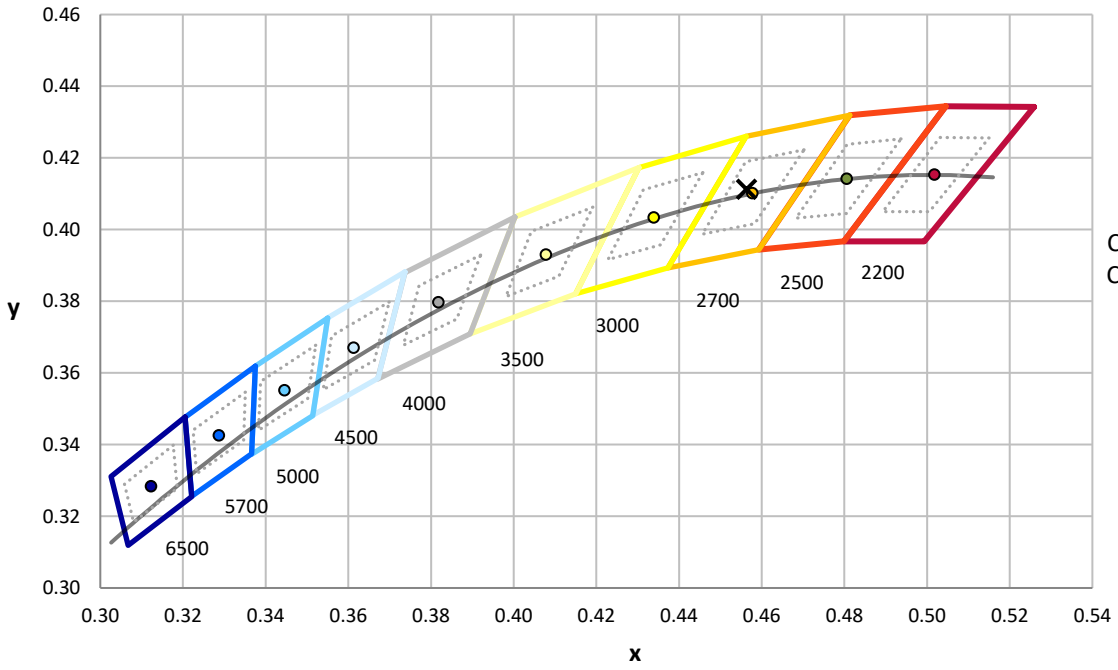
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

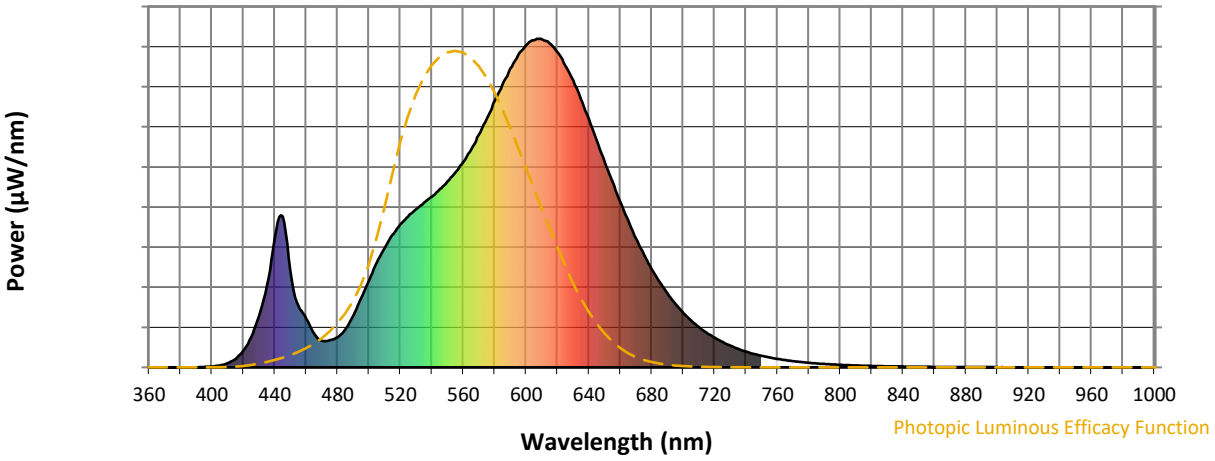


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

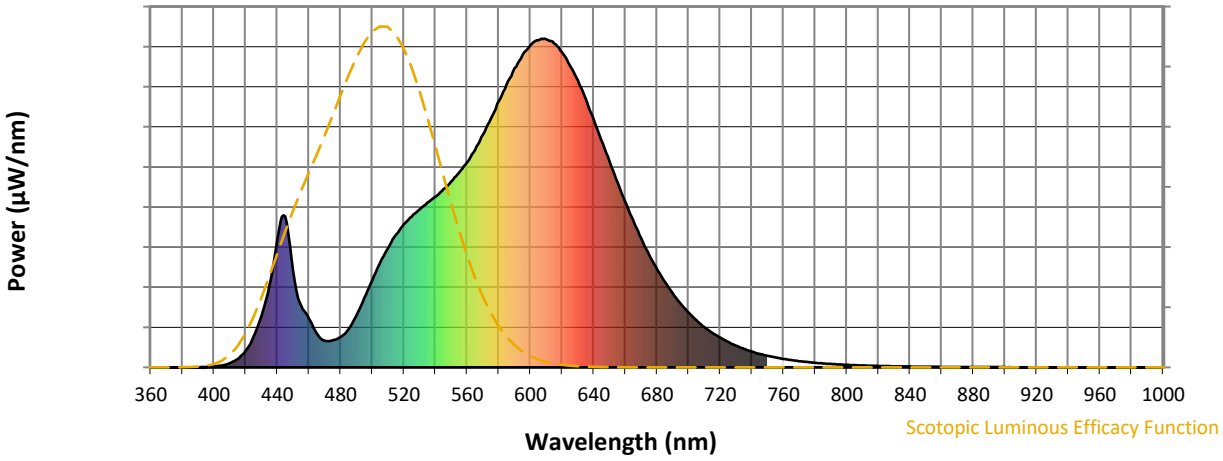


Photopic Lumens: NR

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	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

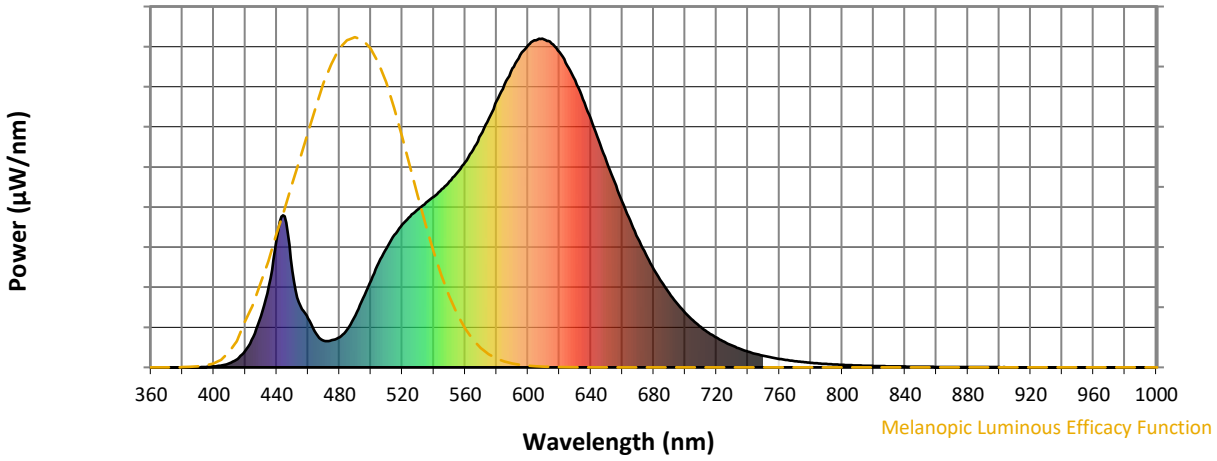


Scotopic Lumens: NR **S/P: 1.2**

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 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			

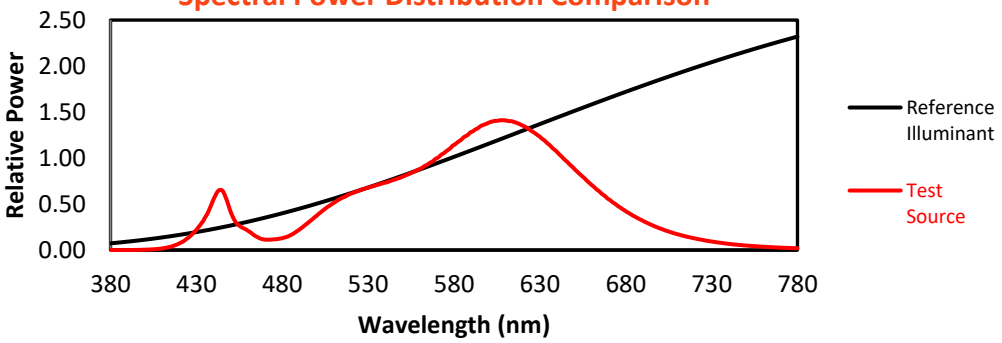
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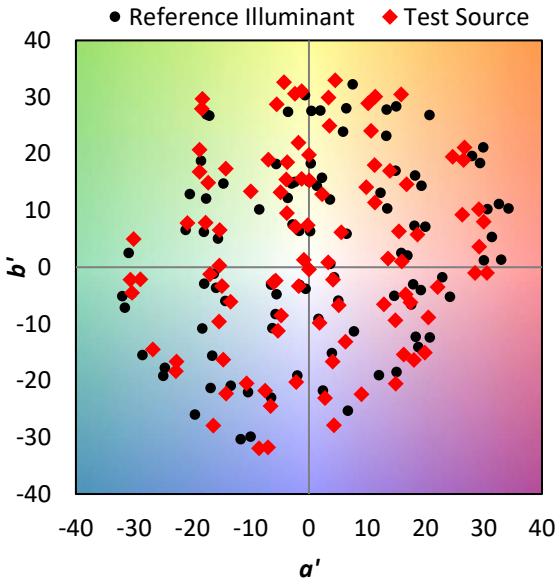
Summary

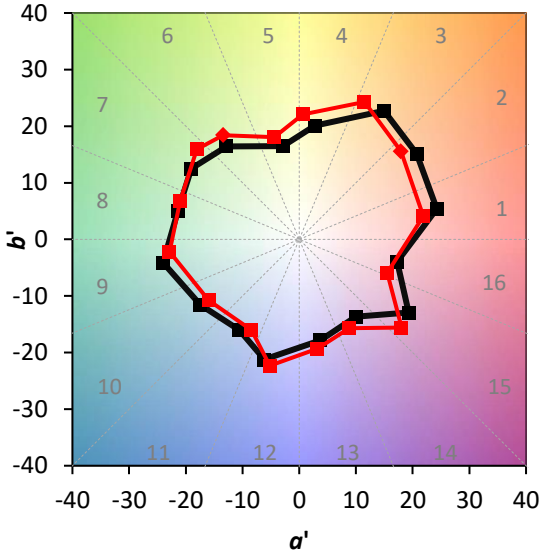
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

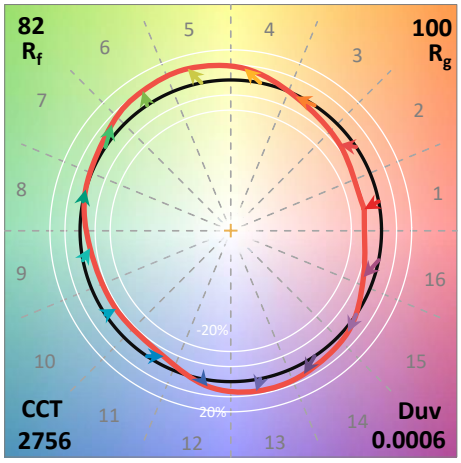
Spectral Power Distribution Comparison

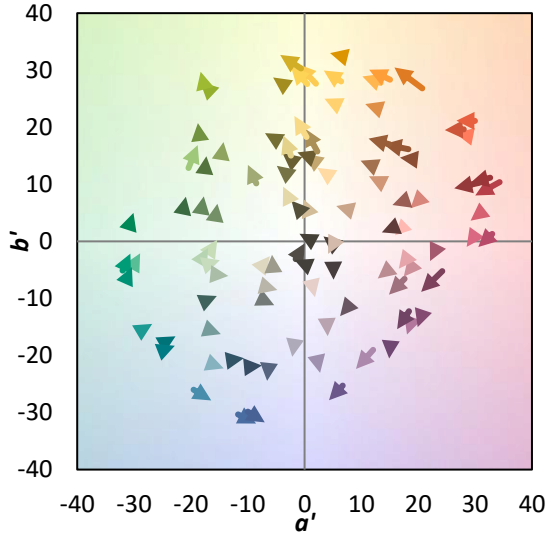


Color Vector Graphics







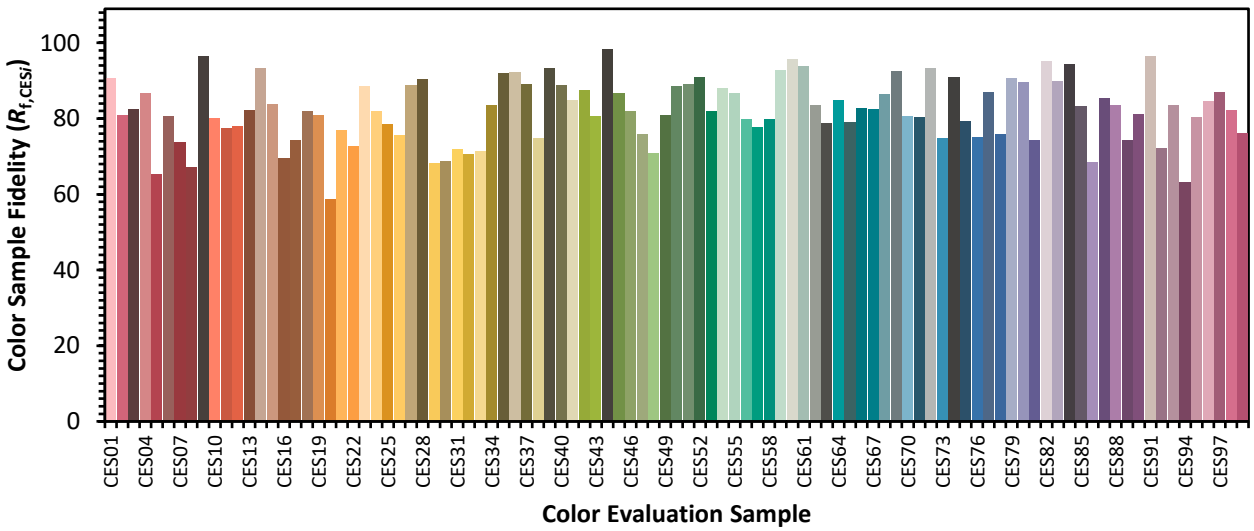


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Individual Sample Fidelity Index ($R_{f,i}$)

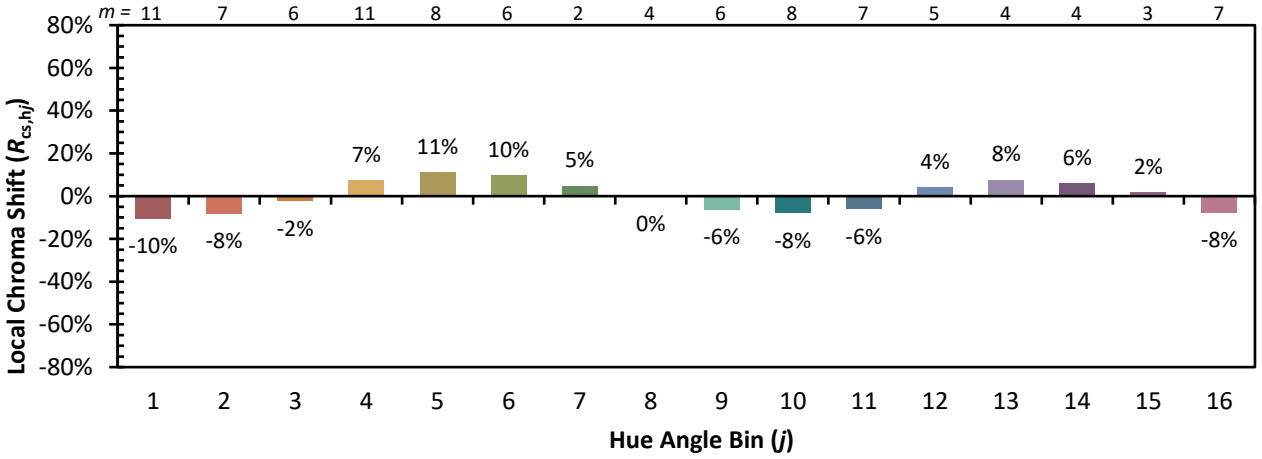
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 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	

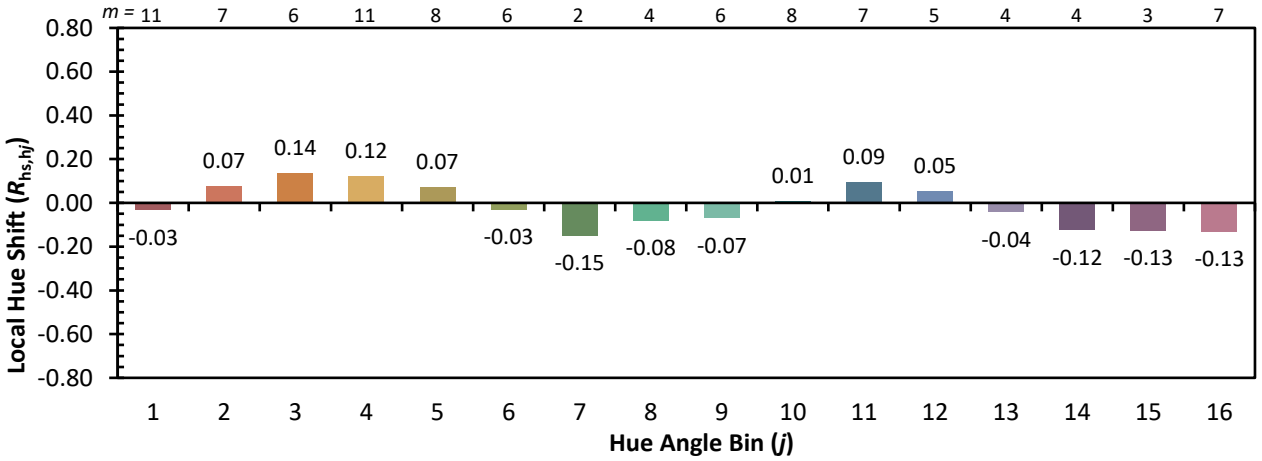


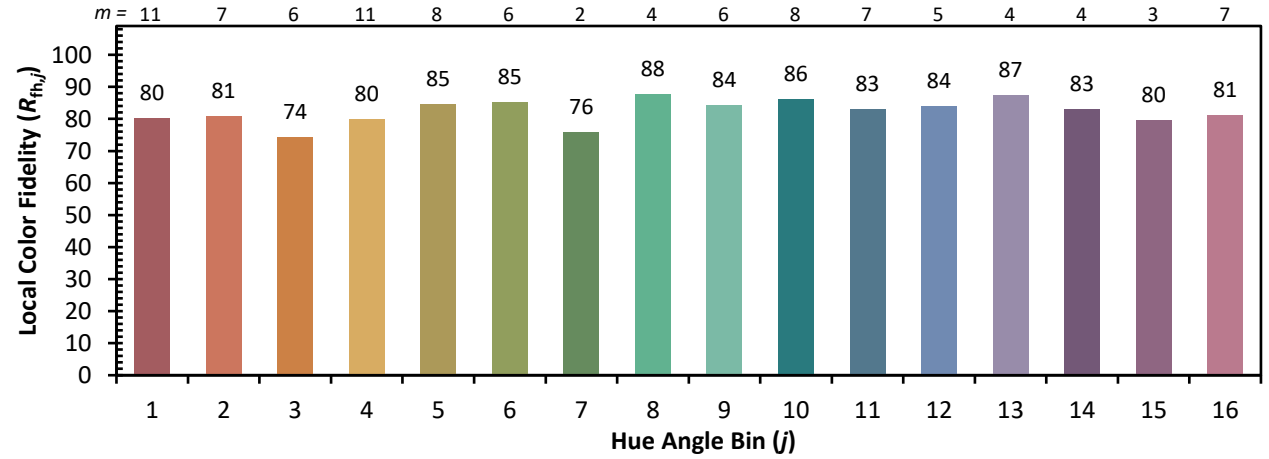
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Color Rendition by Hue-Angle Bin



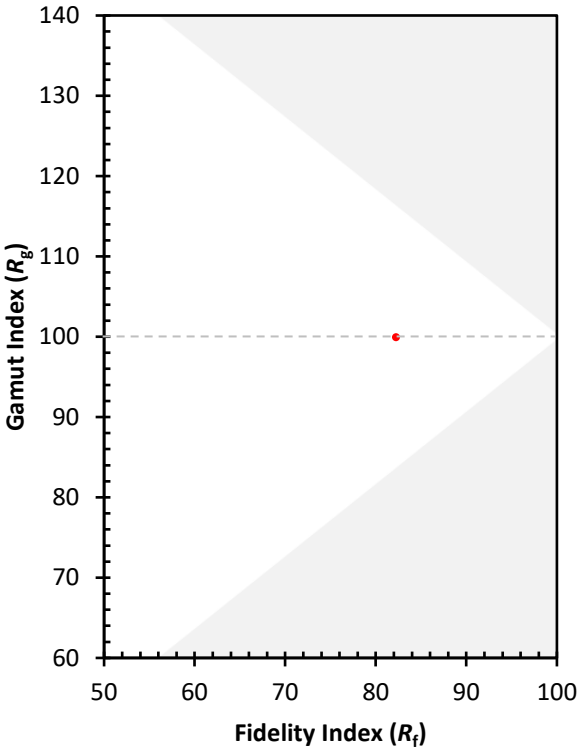


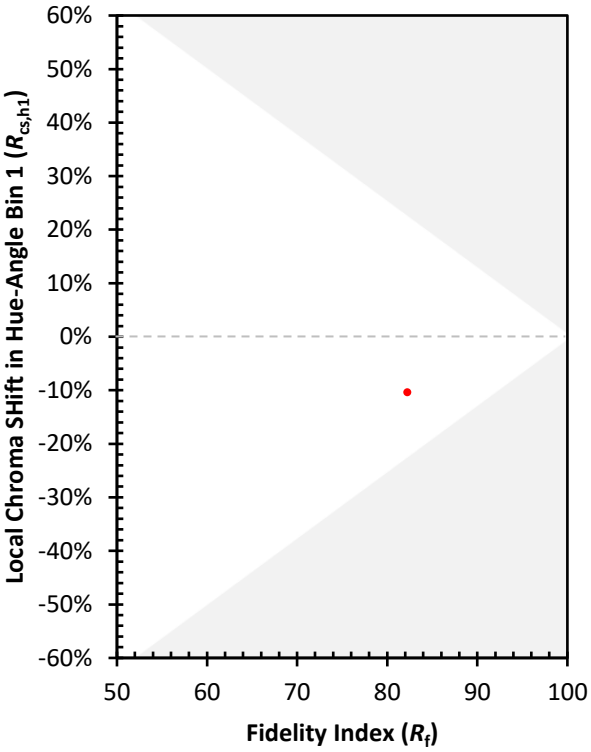


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Measure Comparisons





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