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: P1364127

Luminaire Tested: **GSS-SB3A-740-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364127
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-740-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(78) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12576.9 lumens
Efficiency:	N/A
Efficacy:	148.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

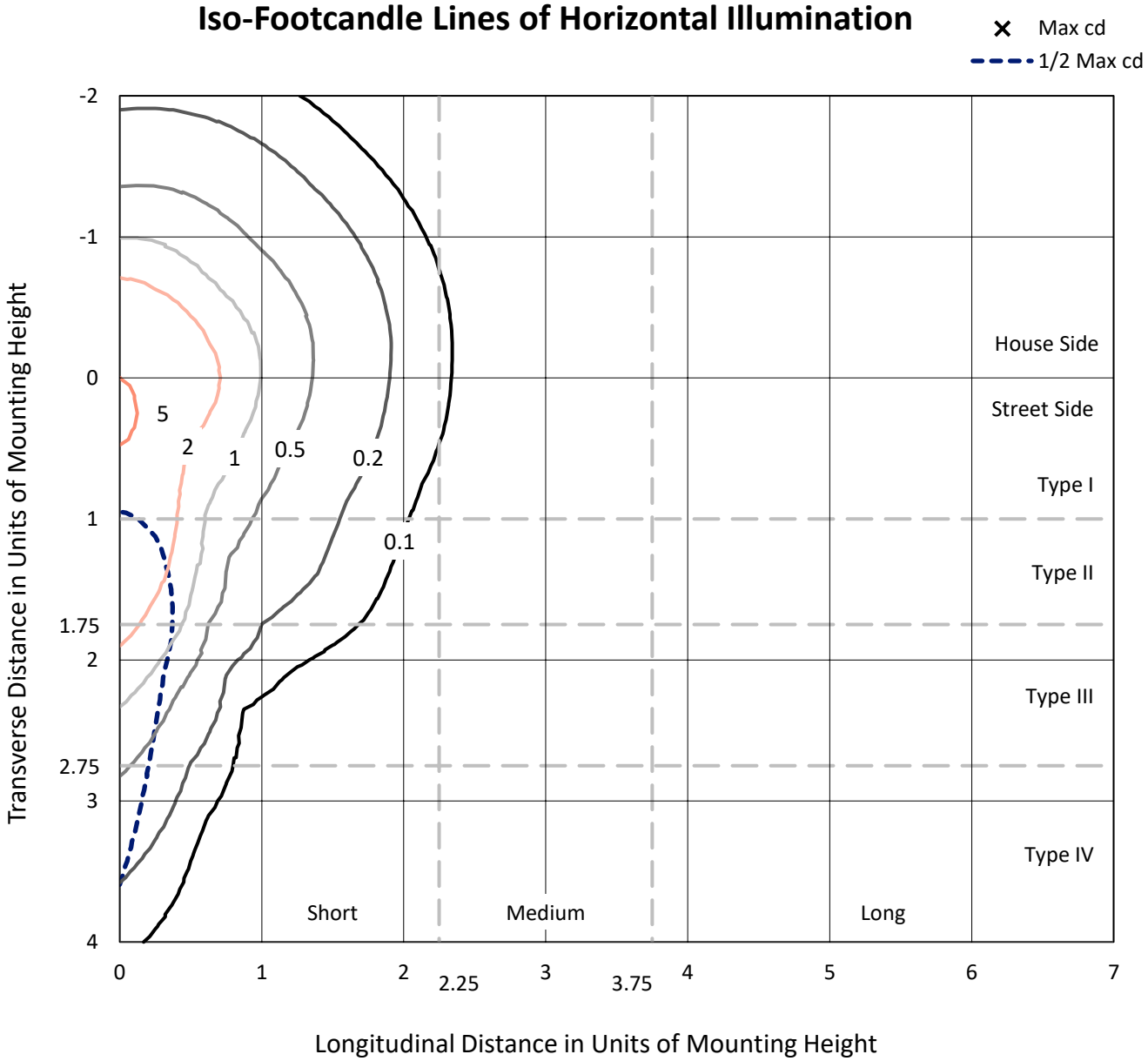
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



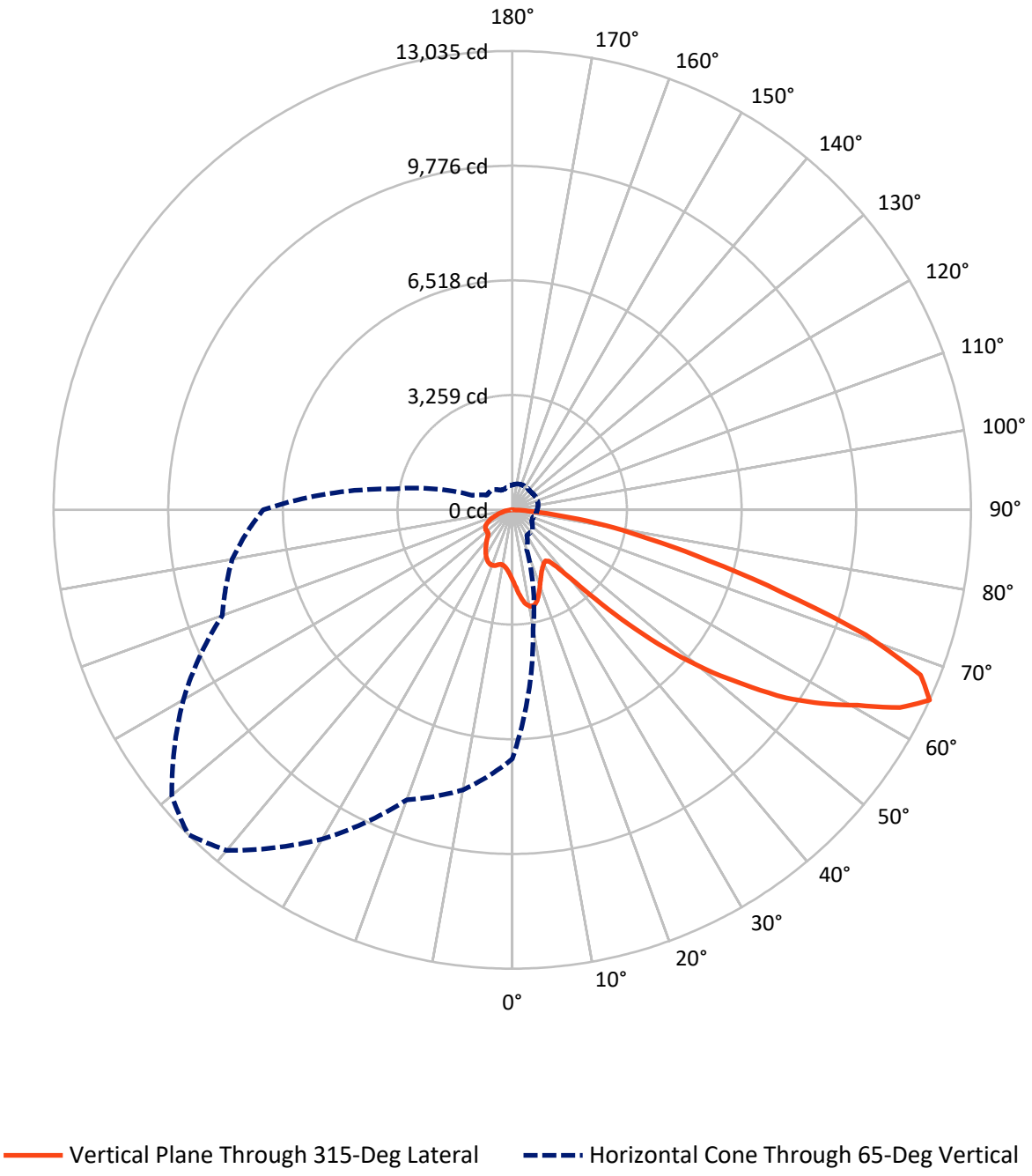
Based on 20 foot mounting height. Maximum calculated value = 6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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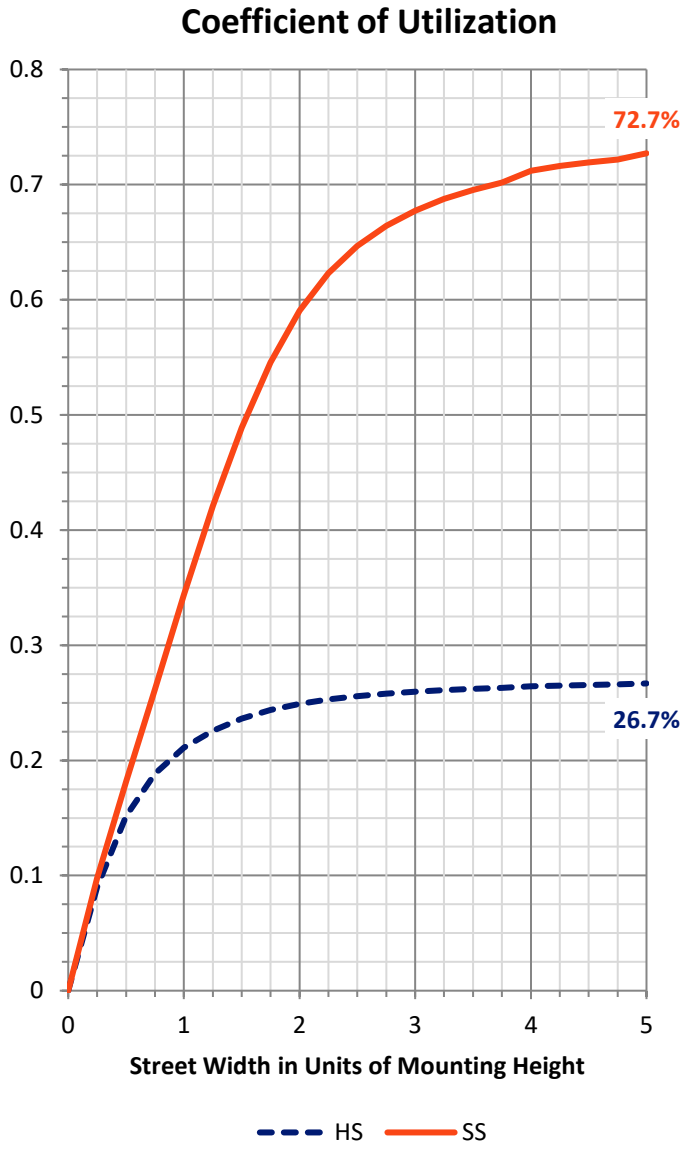
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3383.5	0.0	3383.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	9193.5	0.0	9193.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	12576.9	0.0	12576.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.0	1.6
10°-20°	606.8	4.8
20°-30°	939.2	7.5
30°-40°	1165.2	9.3
40°-50°	1703.9	13.5
50°-60°	2668.9	21.2
60°-70°	3166.9	25.2
70°-80°	1847.1	14.7
80°-90°	281.0	2.2
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°	12576.9	100.0
0°-180°	12576.9	100.0



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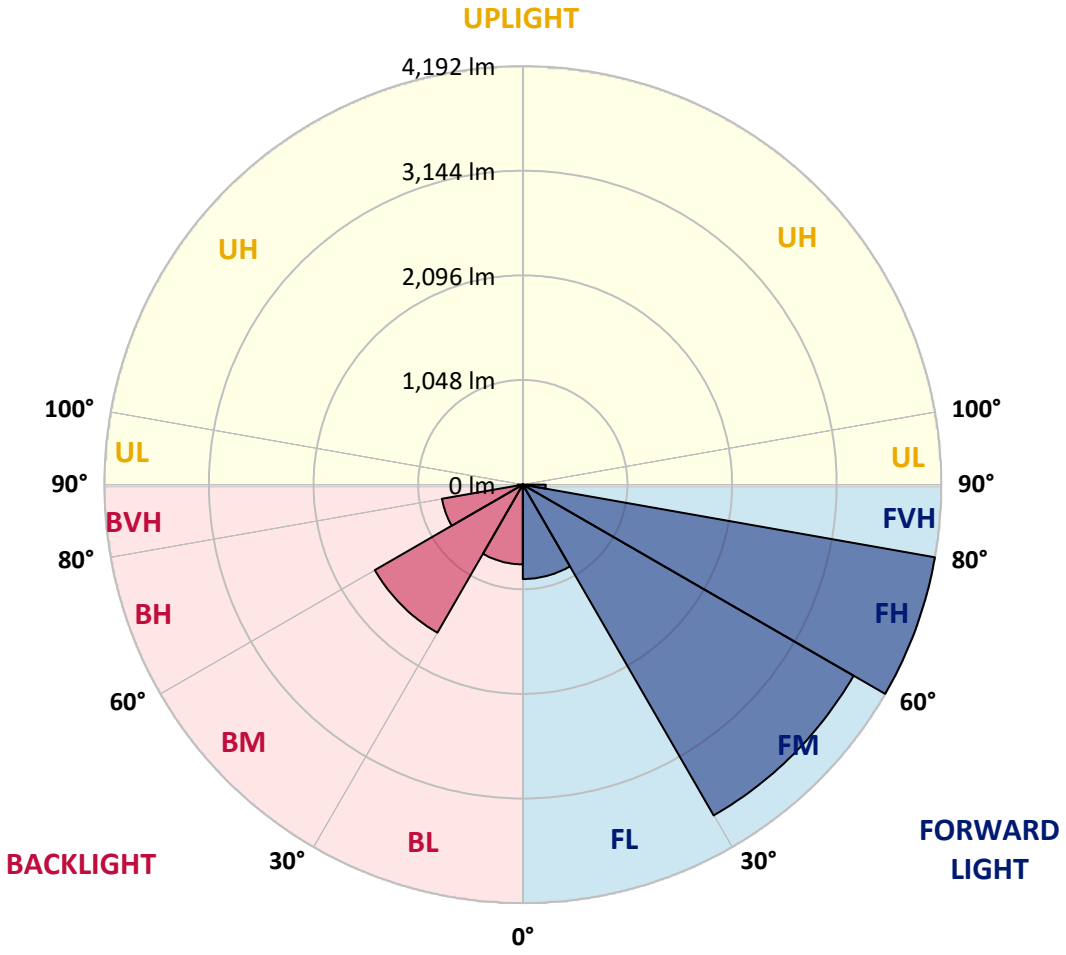
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	945.3	7.5			
FM	(30°-60°)	3826.2	30.4			
FH	(60°-80°)	4192.2	33.3			G2/5000
FVH	(80°-90°)	229.8	1.8			G3/500
BL	(0°-30°)	798.7	6.4	B2/1000		
BM	(30°-60°)	1711.9	13.6	B2/2500		
BH	(60°-80°)	821.7	6.5	B2/1000		G2/1000
BVH	(80°-90°)	51.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	2166.9	2147.2	2127.8	2110.0	2092.2	2074.3	2056.2	2038.9	2021.4	2003.9	1988.5
5°	2314.5	2279.8	2245.3	2209.0	2173.0	2137.7	2102.3	2068.8	2035.6	2000.8	1971.0
7.5°	2463.7	2405.3	2346.8	2291.8	2236.7	2187.5	2138.3	2094.3	2050.0	2003.9	1967.9
10°	2557.5	2487.7	2417.6	2349.3	2280.7	2220.1	2159.2	2108.5	2057.7	2008.5	1970.0
12.5°	2605.2	2535.7	2466.2	2389.6	2313.0	2245.0	2177.0	2121.1	2065.4	2011.6	1974.0
15°	2628.3	2557.8	2487.7	2409.9	2332.1	2258.9	2185.3	2122.3	2059.2	1999.3	1966.0
17.5°	2634.4	2568.6	2503.1	2420.0	2337.0	2253.3	2170.0	2096.5	2023.3	1953.1	1924.8
20°	2654.4	2588.0	2521.5	2432.3	2343.1	2245.0	2146.9	2050.3	1953.7	1860.9	1843.0
22.5°	2675.9	2615.0	2554.4	2456.3	2358.5	2238.6	2118.6	1997.4	1876.2	1765.5	1748.6
25°	2709.8	2657.2	2604.6	2497.5	2390.5	2237.9	2085.4	1934.4	1783.3	1656.3	1654.8
27.5°	2759.0	2718.7	2678.4	2557.8	2437.6	2243.8	2050.0	1869.8	1689.2	1559.4	1567.1
30°	2828.2	2796.5	2765.1	2629.2	2492.9	2256.4	2020.2	1813.5	1607.1	1481.0	1489.3
32.5°	2912.8	2893.1	2873.4	2713.2	2552.9	2270.5	1988.5	1764.3	1540.4	1424.1	1424.1
35°	3055.8	3031.2	3006.6	2802.3	2598.4	2267.2	1936.2	1708.3	1480.1	1390.3	1371.2
37.5°	3237.3	3208.0	3178.8	2911.2	2643.6	2257.6	1871.6	1646.2	1421.0	1350.3	1314.0
40°	3504.9	3447.3	3389.5	3035.8	2682.1	2236.1	1790.1	1572.0	1354.0	1298.0	1252.5
42.5°	3880.1	3758.3	3636.2	3173.6	2710.4	2198.9	1687.1	1483.8	1280.1	1241.1	1184.8
45°	4346.1	4150.8	3955.5	3360.6	2765.7	2173.4	1581.0	1393.9	1207.2	1171.9	1115.9
47.5°	4792.1	4544.8	4297.5	3552.8	2808.2	2143.5	1478.8	1304.7	1131.3	1090.4	1038.1
50°	5308.8	4973.5	4638.3	3720.5	2802.7	2092.8	1382.6	1225.4	1067.9	1011.9	960.3
52.5°	5971.6	5439.2	4906.5	3799.8	2692.9	1988.8	1285.1	1154.0	1023.6	952.0	896.6
55°	6763.7	5907.0	5050.4	3778.9	2507.4	1851.0	1194.0	1094.4	994.1	922.7	857.5
57.5°	7571.1	6299.8	5028.9	3664.8	2300.7	1706.8	1112.8	1043.9	975.0	915.0	835.1
60°	8177.0	6475.8	4774.2	3391.4	2008.5	1524.4	1040.2	991.9	943.7	896.6	816.6
62.5°	7926.3	6085.4	4244.6	2943.2	1641.9	1293.1	944.3	917.2	890.4	870.4	794.2
65°	*7080.5*	*5248.8*	*3417.2*	*2308.7*	*1200.2*	*1016.2*	*832.0*	*826.2*	*820.6*	*815.1*	*752.0*
67.5°	6286.9	4507.9	2728.8	1796.6	864.3	776.9	689.6	705.9	722.2	730.5	687.4
70°	5527.2	3829.7	2132.1	1376.7	621.3	590.6	559.8	584.1	608.4	605.9	585.0
72.5°	4744.4	3180.1	1615.4	1035.0	454.6	454.0	453.7	472.1	490.6	466.0	479.2
75°	3884.7	2539.1	1193.4	767.1	340.8	338.6	336.8	358.6	380.8	390.6	399.2
77.5°	2583.7	1665.8	748.0	495.8	243.6	245.4	246.7	270.7	294.7	323.0	324.5
80°	1516.4	955.0	393.7	274.1	154.4	156.2	157.5	182.7	207.6	247.6	246.1
82.5°	758.2	478.6	199.3	147.3	95.3	95.7	96.0	108.3	120.6	143.0	149.2
85°	172.2	113.8	55.4	46.8	38.4	40.3	42.4	50.4	58.4	70.7	74.4
87.5°	13.8	13.5	12.9	12.6	12.3	12.9	13.8	15.4	16.9	18.5	21.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	1971.9	1955.6	1942.7	1930.1	1919.0	1907.6	1894.4	1880.8	1871.3	1861.5	1855.0
5°	1941.4	1912.5	1888.5	1864.5	1844.9	1824.6	1806.7	1788.6	1774.4	1760.0	1748.3
7.5°	1931.9	1896.2	1865.2	1833.8	1807.3	1780.9	1758.7	1736.3	1715.1	1694.1	1680.6
10°	1932.2	1894.7	1862.7	1830.7	1802.7	1774.7	1745.5	1716.3	1692.9	1669.5	1649.2
12.5°	1942.7	1911.6	1889.1	1867.0	1841.2	1815.3	1780.6	1745.5	1713.8	1682.5	1657.5
15°	1945.7	1925.4	1923.6	1921.8	1912.8	1903.9	1871.6	1839.3	1795.6	1751.7	1716.0
17.5°	1922.1	1919.3	1949.7	1980.2	1997.7	2015.3	1992.8	1970.0	1908.5	1847.0	1793.8
20°	1860.5	1877.8	1937.4	1996.8	2044.2	2091.5	2089.1	2086.9	2006.6	1926.1	1856.2
22.5°	1774.4	1800.0	1877.8	1955.6	2023.9	2092.2	2109.7	2126.9	2048.2	1969.1	1883.0
25°	1682.8	1710.8	1782.7	1854.7	1928.2	2001.7	2034.3	2066.9	2002.0	1937.1	1853.5
27.5°	1593.9	1620.9	1674.5	1728.0	1787.0	1846.1	1882.7	1919.3	1879.6	1839.9	1772.3
30°	1510.2	1531.1	1569.9	1608.6	1648.6	1688.6	1717.8	1747.0	1720.9	1694.8	1646.2
32.5°	1433.0	1441.9	1467.2	1492.4	1522.2	1551.7	1568.0	1584.0	1563.7	1543.4	1511.4
35°	1363.8	1356.4	1373.0	1389.6	1413.6	1437.9	1450.2	1462.5	1445.6	1428.7	1400.1
37.5°	1294.3	1274.0	1282.0	1289.4	1310.0	1330.3	1347.8	1365.6	1353.3	1341.0	1316.7
40°	1222.9	1193.4	1192.8	1191.9	1211.6	1230.9	1253.1	1274.9	1272.8	1270.3	1247.2
42.5°	1147.3	1109.7	1105.7	1101.7	1121.1	1140.5	1163.9	1187.3	1191.9	1196.5	1177.4
45°	1077.1	1039.0	1032.8	1026.7	1043.3	1060.5	1086.1	1111.9	1122.7	1133.4	1116.2
47.5°	1005.2	971.9	968.3	964.3	981.8	999.6	1027.9	1056.5	1067.9	1079.6	1067.9
50°	933.2	905.8	910.4	915.0	934.4	953.5	975.6	998.1	1019.3	1040.2	1038.1
52.5°	876.3	855.7	870.1	884.3	901.8	919.7	942.7	965.8	987.9	1010.4	1013.8
55°	834.8	812.0	832.3	852.6	873.8	895.1	916.6	938.1	959.0	979.6	984.3
57.5°	803.1	771.4	791.7	812.0	835.1	858.1	879.7	901.2	925.5	949.8	953.5
60°	776.6	736.7	750.2	763.4	787.1	810.5	832.9	855.1	879.7	904.3	909.2
62.5°	741.9	689.6	691.4	692.7	719.4	745.9	764.3	782.8	806.2	829.8	836.9
65°	*695.7*	*639.8*	*633.6*	*627.5*	*652.7*	*678.2*	*692.7*	*707.4*	*727.7*	*748.0*	*755.1*
67.5°	637.9	588.1	575.5	562.9	586.2	609.6	621.6	633.6	647.5	661.3	669.3
70°	555.5	526.0	518.0	510.0	529.0	548.1	558.6	569.0	580.1	591.2	595.5
72.5°	472.4	466.0	460.1	454.6	469.1	483.5	492.4	501.4	511.8	522.3	524.7
75°	395.5	392.2	387.9	383.9	394.9	406.0	412.8	419.8	430.6	441.4	446.0
77.5°	316.5	308.2	303.9	299.0	309.1	319.3	325.7	332.2	341.1	350.0	351.3
80°	236.2	226.1	222.7	219.0	226.4	233.8	236.2	238.4	245.8	252.8	252.8
82.5°	149.2	149.2	147.0	144.6	143.0	141.5	138.4	135.3	142.7	150.1	152.6
85°	75.0	75.4	72.0	68.3	64.0	59.1	58.1	56.9	56.6	56.0	58.1
87.5°	23.4	25.2	27.1	28.3	30.1	31.4	30.5	29.2	28.0	27.1	24.6
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	1848.5	1845.5	1842.4	1839.9	1837.8	1836.2	1837.8	1839.9	1842.4	1845.5	1848.5
5°	1736.3	1731.4	1726.1	1722.7	1719.4	1716.3	1719.4	1722.7	1726.1	1731.4	1736.3
7.5°	1667.1	1659.1	1651.1	1645.2	1639.4	1636.3	1639.4	1645.2	1651.1	1659.1	1667.1
10°	1629.6	1618.2	1607.1	1600.9	1594.8	1590.2	1594.8	1600.9	1607.1	1618.2	1629.6
12.5°	1632.6	1618.5	1604.9	1595.7	1586.5	1581.0	1586.5	1595.7	1604.9	1618.5	1632.6
15°	1680.0	1660.3	1640.0	1628.6	1617.2	1608.6	1617.2	1628.6	1640.0	1660.3	1680.0
17.5°	1740.9	1712.0	1683.1	1672.9	1662.5	1657.8	1662.5	1672.9	1683.1	1712.0	1740.9
20°	1786.4	1747.7	1709.5	1694.1	1678.8	1673.2	1678.8	1694.1	1709.5	1747.7	1786.4
22.5°	1796.9	1751.4	1705.5	1691.1	1676.3	1670.2	1676.3	1691.1	1705.5	1751.4	1796.9
25°	1770.1	1722.1	1673.8	1659.1	1644.0	1639.4	1644.0	1659.1	1673.8	1722.1	1770.1
27.5°	1704.6	1662.2	1619.4	1603.7	1587.7	1577.9	1587.7	1603.7	1619.4	1662.2	1704.6
30°	1597.9	1566.2	1534.8	1525.0	1514.8	1510.2	1514.8	1525.0	1534.8	1566.2	1597.9
32.5°	1479.5	1459.8	1440.1	1433.6	1427.2	1424.1	1427.2	1433.6	1440.1	1459.8	1479.5
35°	1371.8	1357.7	1343.5	1338.3	1333.4	1328.7	1333.4	1338.3	1343.5	1357.7	1371.8
37.5°	1292.4	1275.8	1258.6	1249.4	1240.2	1233.4	1240.2	1249.4	1258.6	1275.8	1292.4
40°	1224.2	1200.2	1176.5	1163.9	1151.0	1144.2	1151.0	1163.9	1176.5	1200.2	1224.2
42.5°	1158.0	1130.4	1102.7	1083.3	1064.2	1051.9	1064.2	1083.3	1102.7	1130.4	1158.0
45°	1098.7	1067.6	1036.5	1013.5	990.4	975.0	990.4	1013.5	1036.5	1067.6	1098.7
47.5°	1056.5	1029.8	1002.7	982.4	962.1	947.3	962.1	982.4	1002.7	1029.8	1056.5
50°	1035.9	1014.7	993.5	974.4	955.0	941.2	955.0	974.4	993.5	1014.7	1035.9
52.5°	1017.5	1002.1	986.7	970.1	953.5	941.2	953.5	970.1	986.7	1002.1	1017.5
55°	988.9	977.8	966.4	954.1	941.8	932.0	941.8	954.1	966.4	977.8	988.9
57.5°	957.2	945.5	933.5	924.3	915.0	910.4	915.0	924.3	933.5	945.5	957.2
60°	914.1	904.9	895.7	887.1	878.1	870.4	878.1	887.1	895.7	904.9	914.1
62.5°	844.3	840.0	836.0	826.2	816.6	805.9	816.6	826.2	836.0	840.0	844.3
65°	*762.2*	*760.0*	*758.2*	*751.1*	*744.3*	*732.0*	*744.3*	*751.1*	*758.2*	*760.0*	*762.2*
67.5°	677.3	673.3	669.0	661.6	654.5	652.1	654.5	661.6	669.0	673.3	677.3
70°	599.8	593.6	587.5	570.9	554.3	535.2	554.3	570.9	587.5	593.6	599.8
72.5°	527.5	518.0	508.1	488.7	469.1	449.1	469.1	488.7	508.1	518.0	527.5
75°	450.6	437.1	423.8	403.2	382.9	369.1	382.9	403.2	423.8	437.1	450.6
77.5°	353.1	341.4	329.7	317.4	305.1	298.4	305.1	317.4	329.7	341.4	353.1
80°	252.8	244.2	235.3	229.1	223.0	218.4	223.0	229.1	235.3	244.2	252.8
82.5°	155.3	151.3	147.6	140.9	133.8	129.2	133.8	140.9	147.6	151.3	155.3
85°	60.0	59.1	58.4	56.0	53.8	52.3	53.8	56.0	58.4	59.1	60.0
87.5°	22.1	20.3	18.5	17.2	16.0	15.4	16.0	17.2	18.5	20.3	22.1
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	1855.0	1861.5	1871.3	1880.8	1894.4	1907.6	1919.0	1930.1	1942.7	1955.6	1971.9
5°	1748.3	1760.0	1774.4	1788.6	1806.7	1824.6	1844.9	1864.5	1888.5	1912.5	1941.4
7.5°	1680.6	1694.1	1715.1	1736.3	1758.7	1780.9	1807.3	1833.8	1865.2	1896.2	1931.9
10°	1649.2	1669.5	1692.9	1716.3	1745.5	1774.7	1802.7	1830.7	1862.7	1894.7	1932.2
12.5°	1657.5	1682.5	1713.8	1745.5	1780.6	1815.3	1841.2	1867.0	1889.1	1911.6	1942.7
15°	1716.0	1751.7	1795.6	1839.3	1871.6	1903.9	1912.8	1921.8	1923.6	1925.4	1945.7
17.5°	1793.8	1847.0	1908.5	1970.0	1992.8	2015.3	1997.7	1980.2	1949.7	1919.3	1922.1
20°	1856.2	1926.1	2006.6	2086.9	2089.1	2091.5	2044.2	1996.8	1937.4	1877.8	1860.5
22.5°	1883.0	1969.1	2048.2	2126.9	2109.7	2092.2	2023.9	1955.6	1877.8	1800.0	1774.4
25°	1853.5	1937.1	2002.0	2066.9	2034.3	2001.7	1928.2	1854.7	1782.7	1710.8	1682.8
27.5°	1772.3	1839.9	1879.6	1919.3	1882.7	1846.1	1787.0	1728.0	1674.5	1620.9	1593.9
30°	1646.2	1694.8	1720.9	1747.0	1717.8	1688.6	1648.6	1608.6	1569.9	1531.1	1510.2
32.5°	1511.4	1543.4	1563.7	1584.0	1568.0	1551.7	1522.2	1492.4	1467.2	1441.9	1433.0
35°	1400.1	1428.7	1445.6	1462.5	1450.2	1437.9	1413.6	1389.6	1373.0	1356.4	1363.8
37.5°	1316.7	1341.0	1353.3	1365.6	1347.8	1330.3	1310.0	1289.4	1282.0	1274.0	1294.3
40°	1247.2	1270.3	1272.8	1274.9	1253.1	1230.9	1211.6	1191.9	1192.8	1193.4	1222.9
42.5°	1177.4	1196.5	1191.9	1187.3	1163.9	1140.5	1121.1	1101.7	1105.7	1109.7	1147.3
45°	1116.2	1133.4	1122.7	1111.9	1086.1	1060.5	1043.3	1026.7	1032.8	1039.0	1077.1
47.5°	1067.9	1079.6	1067.9	1056.5	1027.9	999.6	981.8	964.3	968.3	971.9	1005.2
50°	1038.1	1040.2	1019.3	998.1	975.6	953.5	934.4	915.0	910.4	905.8	933.2
52.5°	1013.8	1010.4	987.9	965.8	942.7	919.7	901.8	884.3	870.1	855.7	876.3
55°	984.3	979.6	959.0	938.1	916.6	895.1	873.8	852.6	832.3	812.0	834.8
57.5°	953.5	949.8	925.5	901.2	879.7	858.1	835.1	812.0	791.7	771.4	803.1
60°	909.2	904.3	879.7	855.1	832.9	810.5	787.1	763.4	750.2	736.7	776.6
62.5°	836.9	829.8	806.2	782.8	764.3	745.9	719.4	692.7	691.4	689.6	741.9
65°	*755.1*	*748.0*	*727.7*	*707.4*	*692.7*	*678.2*	*652.7*	*627.5*	*633.6*	*639.8*	*695.7*
67.5°	669.3	661.3	647.5	633.6	621.6	609.6	586.2	562.9	575.5	588.1	637.9
70°	595.5	591.2	580.1	569.0	558.6	548.1	529.0	510.0	518.0	526.0	555.5
72.5°	524.7	522.3	511.8	501.4	492.4	483.5	469.1	454.6	460.1	466.0	472.4
75°	446.0	441.4	430.6	419.8	412.8	406.0	394.9	383.9	387.9	392.2	395.5
77.5°	351.3	350.0	341.1	332.2	325.7	319.3	309.1	299.0	303.9	308.2	316.5
80°	252.8	252.8	245.8	238.4	236.2	233.8	226.4	219.0	222.7	226.1	236.2
82.5°	152.6	150.1	142.7	135.3	138.4	141.5	143.0	144.6	147.0	149.2	149.2
85°	58.1	56.0	56.6	56.9	58.1	59.1	64.0	68.3	72.0	75.4	75.0
87.5°	24.6	27.1	28.0	29.2	30.5	31.4	30.1	28.3	27.1	25.2	23.4
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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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	1988.5	2003.9	2021.4	2038.9	2056.2	2074.3	2092.2	2110.0	2127.8	2147.2	2166.9
5°	1971.0	2000.8	2035.6	2068.8	2102.3	2137.7	2173.0	2209.0	2245.3	2279.8	2314.5
7.5°	1967.9	2003.9	2050.0	2094.3	2138.3	2187.5	2236.7	2291.8	2346.8	2405.3	2463.7
10°	1970.0	2008.5	2057.7	2108.5	2159.2	2220.1	2280.7	2349.3	2417.6	2487.7	2557.5
12.5°	1974.0	2011.6	2065.4	2121.1	2177.0	2245.0	2313.0	2389.6	2466.2	2535.7	2605.2
15°	1966.0	1999.3	2059.2	2122.3	2185.3	2258.9	2332.1	2409.9	2487.7	2557.8	2628.3
17.5°	1924.8	1953.1	2023.3	2096.5	2170.0	2253.3	2337.0	2420.0	2503.1	2568.6	2634.4
20°	1843.0	1860.9	1953.7	2050.3	2146.9	2245.0	2343.1	2432.3	2521.5	2588.0	2654.4
22.5°	1748.6	1765.5	1876.2	1997.4	2118.6	2238.6	2358.5	2456.3	2554.4	2615.0	2675.9
25°	1654.8	1656.3	1783.3	1934.4	2085.4	2237.9	2390.5	2497.5	2604.6	2657.2	2709.8
27.5°	1567.1	1559.4	1689.2	1869.8	2050.0	2243.8	2437.6	2557.8	2678.4	2718.7	2759.0
30°	1489.3	1481.0	1607.1	1813.5	2020.2	2256.4	2492.9	2629.2	2765.1	2796.5	2828.2
32.5°	1424.1	1424.1	1540.4	1764.3	1988.5	2270.5	2552.9	2713.2	2873.4	2893.1	2912.8
35°	1371.2	1390.3	1480.1	1708.3	1936.2	2267.2	2598.4	2802.3	3006.6	3031.2	3055.8
37.5°	1314.0	1350.3	1421.0	1646.2	1871.6	2257.6	2643.6	2911.2	3178.8	3208.0	3237.3
40°	1252.5	1298.0	1354.0	1572.0	1790.1	2236.1	2682.1	3035.8	3389.5	3447.3	3504.9
42.5°	1184.8	1241.1	1280.1	1483.8	1687.1	2198.9	2710.4	3173.6	3636.2	3758.3	3880.1
45°	1115.9	1171.9	1207.2	1393.9	1581.0	2173.4	2765.7	3360.6	3955.5	4150.8	4346.1
47.5°	1038.1	1090.4	1131.3	1304.7	1478.8	2143.5	2808.2	3552.8	4297.5	4544.8	4792.1
50°	960.3	1011.9	1067.9	1225.4	1382.6	2092.8	2802.7	3720.5	4638.3	4973.5	5308.8
52.5°	896.6	952.0	1023.6	1154.0	1285.1	1988.8	2692.9	3799.8	4906.5	5439.2	5971.6
55°	857.5	922.7	994.1	1094.4	1194.0	1851.0	2507.4	3778.9	5050.4	5907.0	6763.7
57.5°	835.1	915.0	975.0	1043.9	1112.8	1706.8	2300.7	3664.8	5028.9	6299.8	7571.1
60°	816.6	896.6	943.7	991.9	1040.2	1524.4	2008.5	3391.4	4774.2	6475.8	8177.0
62.5°	794.2	870.4	890.4	917.2	944.3	1293.1	1641.9	2943.2	4244.6	6085.4	7926.3
65°	*752.0*	*815.1*	*820.6*	*826.2*	*832.0*	*1016.2*	*1200.2*	*2308.7*	*3417.2*	*5248.8*	*7080.5*
67.5°	687.4	730.5	722.2	705.9	689.6	776.9	864.3	1796.6	2728.8	4507.9	6286.9
70°	585.0	605.9	608.4	584.1	559.8	590.6	621.3	1376.7	2132.1	3829.7	5527.2
72.5°	479.2	466.0	490.6	472.1	453.7	454.0	454.6	1035.0	1615.4	3180.1	4744.4
75°	399.2	390.6	380.8	358.6	336.8	338.6	340.8	767.1	1193.4	2539.1	3884.7
77.5°	324.5	323.0	294.7	270.7	246.7	245.4	243.6	495.8	748.0	1665.8	2583.7
80°	246.1	247.6	207.6	182.7	157.5	156.2	154.4	274.1	393.7	955.0	1516.4
82.5°	149.2	143.0	120.6	108.3	96.0	95.7	95.3	147.3	199.3	478.6	758.2
85°	74.4	70.7	58.4	50.4	42.4	40.3	38.4	46.8	55.4	113.8	172.2
87.5°	21.5	18.5	16.9	15.4	13.8	12.9	12.3	12.6	12.9	13.5	13.8
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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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	2174.6	2182.3	2190.6	2199.2	2204.1	2209.0	2214.3	2219.2	2223.8	2219.2	2214.3
5°	2349.3	2383.7	2407.1	2430.5	2448.3	2466.2	2476.3	2486.8	2488.3	2486.8	2476.3
7.5°	2504.9	2546.1	2581.8	2617.5	2640.3	2663.0	2676.2	2689.8	2694.4	2689.8	2676.2
10°	2605.8	2654.4	2688.9	2723.6	2744.8	2765.7	2776.2	2786.7	2789.7	2786.7	2776.2
12.5°	2651.6	2698.1	2724.8	2751.3	2764.8	2778.1	2783.0	2787.3	2783.6	2787.3	2783.0
15°	2655.6	2682.7	2694.1	2705.2	2698.7	2691.9	2682.4	2672.9	2666.7	2672.9	2682.4
17.5°	2643.9	2653.8	2633.2	2612.9	2576.0	2539.1	2511.4	2483.7	2463.7	2483.7	2511.4
20°	2639.0	2623.6	2568.9	2514.5	2445.3	2376.0	2329.6	2282.8	2254.6	2282.8	2329.6
22.5°	2632.6	2589.2	2497.2	2405.3	2310.5	2216.1	2162.6	2109.4	2079.2	2109.4	2162.6
25°	2635.3	2560.6	2436.3	2312.4	2201.0	2090.0	2031.9	1974.0	1940.8	1974.0	2031.9
27.5°	2645.2	2531.4	2377.6	2223.8	2103.2	1982.3	1927.0	1871.6	1842.4	1871.6	1927.0
30°	2677.2	2525.8	2341.9	2157.7	2031.6	1905.5	1851.3	1796.9	1765.5	1796.9	1851.3
32.5°	2722.1	2531.4	2325.3	2119.2	1990.6	1862.4	1810.4	1758.7	1731.7	1758.7	1810.4
35°	2814.3	2572.9	2344.4	2116.1	1996.8	1877.8	1839.6	1801.8	1787.0	1801.8	1839.6
37.5°	2955.2	2672.9	2437.6	2202.3	2121.1	2039.9	2039.9	2039.9	2051.6	2039.9	2039.9
40°	3188.1	2871.2	2648.6	2426.2	2421.3	2417.0	2468.6	2520.6	2543.7	2520.6	2468.6
42.5°	3545.2	3210.5	3030.9	2851.3	2958.9	3066.6	3216.0	3365.5	3463.3	3365.5	3216.0
45°	4020.1	3694.0	3568.5	3443.3	3682.9	3922.2	4186.5	4450.7	4638.3	4450.7	4186.5
47.5°	4517.7	4243.0	4171.4	4100.0	4498.3	4896.7	5283.9	5671.1	5899.4	5671.1	5283.9
50°	5062.1	4815.1	4801.3	4787.5	5318.0	5848.6	6348.4	6848.2	7126.6	6848.2	6348.4
52.5°	5700.7	5429.4	5440.5	5450.9	6081.1	6711.4	7315.8	7920.2	8233.9	7920.2	7315.8
55°	6423.8	6083.9	6082.1	6080.2	6804.3	7528.9	8271.4	9014.5	9433.4	9014.5	8271.4
57.5°	7252.7	6934.4	6858.7	6782.7	7540.0	8296.9	9116.9	9937.3	10377.7	9937.3	9116.9
60°	8001.7	7826.3	7705.2	7584.3	8361.8	9139.7	9986.8	10833.5	11272.8	10833.5	9986.8
62.5°	8239.7	8553.1	8544.2	8535.3	9374.7	10214.1	11095.0	11976.5	12370.8	11976.5	11095.0
65°	7580.3	8080.1	8424.0	8767.5	9782.2	10796.6	11714.4	12632.3	13035.2	12632.3	11714.4
67.5°	6727.4	7168.1	7449.6	7731.0	8874.3	10017.8	11059.3	12100.8	12515.4	12100.8	11059.3
70°	6015.0	6502.8	6704.0	6905.1	7876.5	8847.5	9671.5	10495.2	10657.6	10495.2	9671.5
72.5°	5324.5	5904.9	5990.1	6075.3	6782.1	7488.9	7927.8	8366.8	8012.4	8366.8	7927.8
75°	4539.2	5193.5	5250.4	5307.3	5527.5	5748.0	5859.7	5971.6	5770.2	5971.6	5859.7
77.5°	3150.2	3717.1	3844.7	3972.4	4119.1	4266.1	4258.4	4250.7	3967.8	4250.7	4258.4
80°	1959.6	2402.8	2419.4	2436.0	2546.1	2655.9	2768.2	2880.5	2700.5	2880.5	2768.2
82.5°	1001.5	1245.1	1282.6	1320.1	1387.5	1454.8	1486.2	1517.9	1365.6	1517.9	1486.2
85°	235.6	299.0	360.2	421.4	492.1	562.9	554.9	546.9	461.4	546.9	554.9
87.5°	14.1	14.8	15.1	15.4	15.7	16.0	16.9	17.8	18.5	17.8	16.9
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):

	330°	335°	340°	345°	350°	355°	360°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	2209.0	2204.1	2199.2	2190.6	2182.3	2174.6	2166.9
5°	2466.2	2448.3	2430.5	2407.1	2383.7	2349.3	2314.5
7.5°	2663.0	2640.3	2617.5	2581.8	2546.1	2504.9	2463.7
10°	2765.7	2744.8	2723.6	2688.9	2654.4	2605.8	2557.5
12.5°	2778.1	2764.8	2751.3	2724.8	2698.1	2651.6	2605.2
15°	2691.9	2698.7	2705.2	2694.1	2682.7	2655.6	2628.3
17.5°	2539.1	2576.0	2612.9	2633.2	2653.8	2643.9	2634.4
20°	2376.0	2445.3	2514.5	2568.9	2623.6	2639.0	2654.4
22.5°	2216.1	2310.5	2405.3	2497.2	2589.2	2632.6	2675.9
25°	2090.0	2201.0	2312.4	2436.3	2560.6	2635.3	2709.8
27.5°	1982.3	2103.2	2223.8	2377.6	2531.4	2645.2	2759.0
30°	1905.5	2031.6	2157.7	2341.9	2525.8	2677.2	2828.2
32.5°	1862.4	1990.6	2119.2	2325.3	2531.4	2722.1	2912.8
35°	1877.8	1996.8	2116.1	2344.4	2572.9	2814.3	3055.8
37.5°	2039.9	2121.1	2202.3	2437.6	2672.9	2955.2	3237.3
40°	2417.0	2421.3	2426.2	2648.6	2871.2	3188.1	3504.9
42.5°	3066.6	2958.9	2851.3	3030.9	3210.5	3545.2	3880.1
45°	3922.2	3682.9	3443.3	3568.5	3694.0	4020.1	4346.1
47.5°	4896.7	4498.3	4100.0	4171.4	4243.0	4517.7	4792.1
50°	5848.6	5318.0	4787.5	4801.3	4815.1	5062.1	5308.8
52.5°	6711.4	6081.1	5450.9	5440.5	5429.4	5700.7	5971.6
55°	7528.9	6804.3	6080.2	6082.1	6083.9	6423.8	6763.7
57.5°	8296.9	7540.0	6782.7	6858.7	6934.4	7252.7	7571.1
60°	9139.7	8361.8	7584.3	7705.2	7826.3	8001.7	8177.0
62.5°	10214.1	9374.7	8535.3	8544.2	8553.1	8239.7	7926.3
65°	*10796.6*	*9782.2*	*8767.5*	*8424.0*	*8080.1*	*7580.3*	*7080.5*
67.5°	10017.8	8874.3	7731.0	7449.6	7168.1	6727.4	6286.9
70°	8847.5	7876.5	6905.1	6704.0	6502.8	6015.0	5527.2
72.5°	7488.9	6782.1	6075.3	5990.1	5904.9	5324.5	4744.4
75°	5748.0	5527.5	5307.3	5250.4	5193.5	4539.2	3884.7
77.5°	4266.1	4119.1	3972.4	3844.7	3717.1	3150.2	2583.7
80°	2655.9	2546.1	2436.0	2419.4	2402.8	1959.6	1516.4
82.5°	1454.8	1387.5	1320.1	1282.6	1245.1	1001.5	758.2
85°	562.9	492.1	421.4	360.2	299.0	235.6	172.2
87.5°	16.0	15.7	15.4	15.1	14.8	14.1	13.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

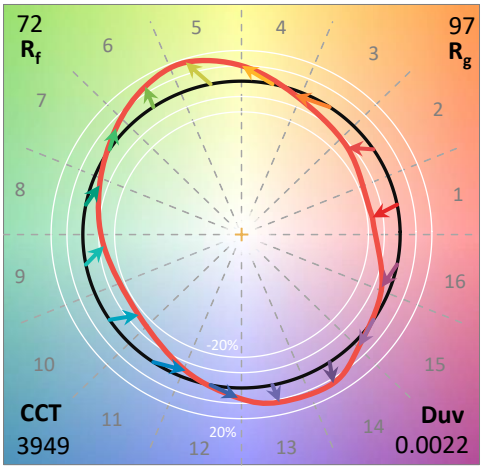
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Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

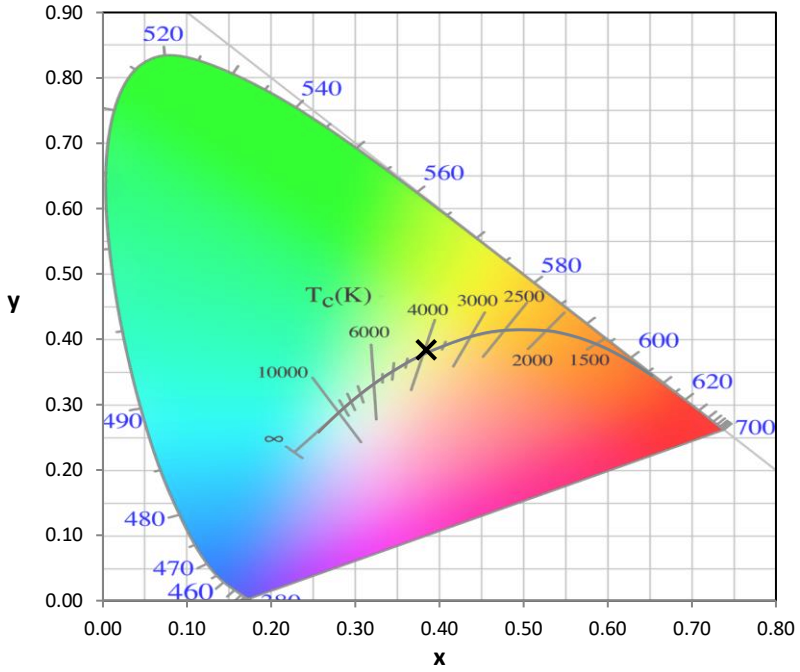
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

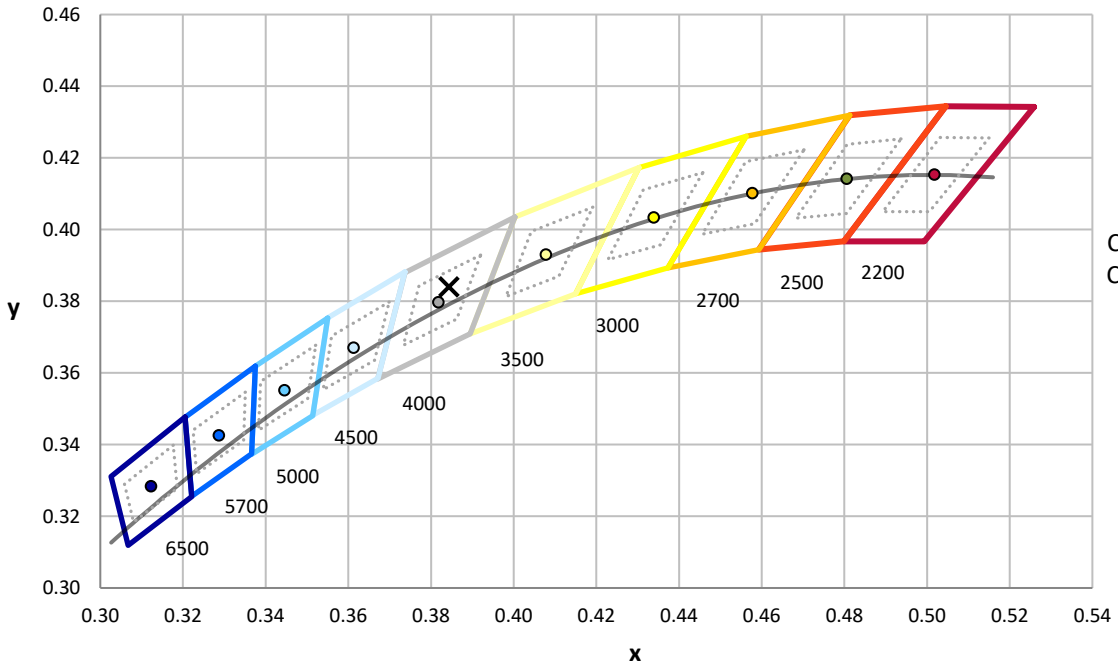
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

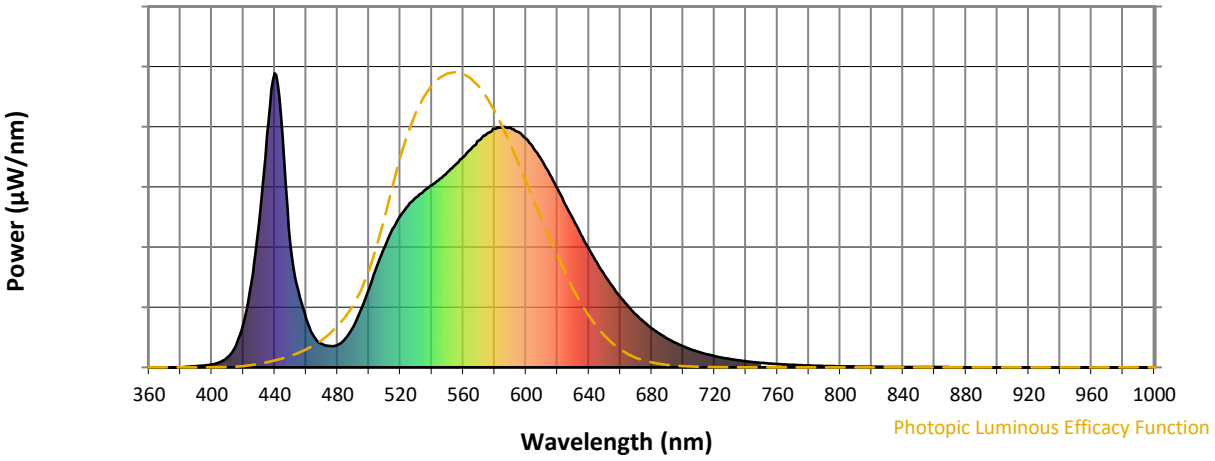


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

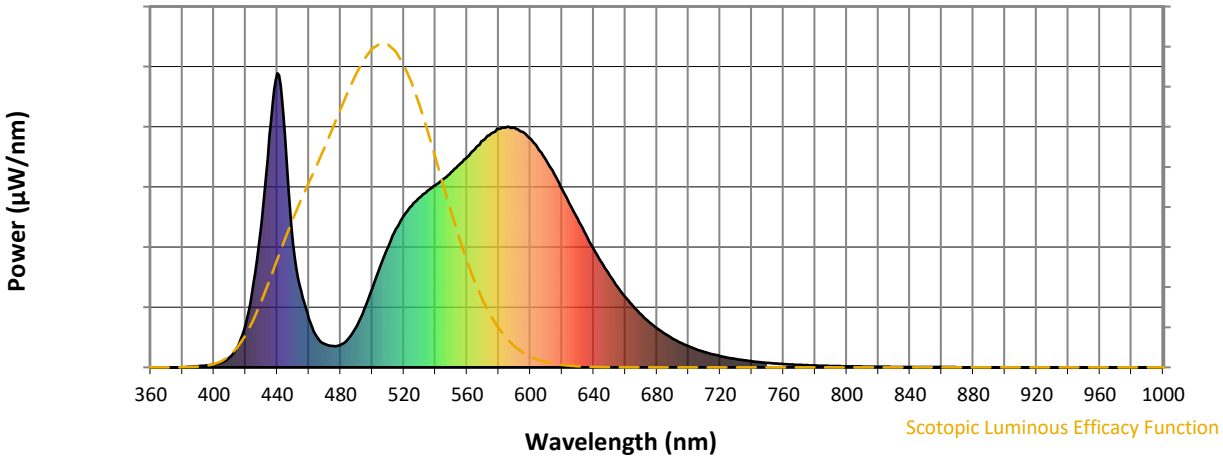


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

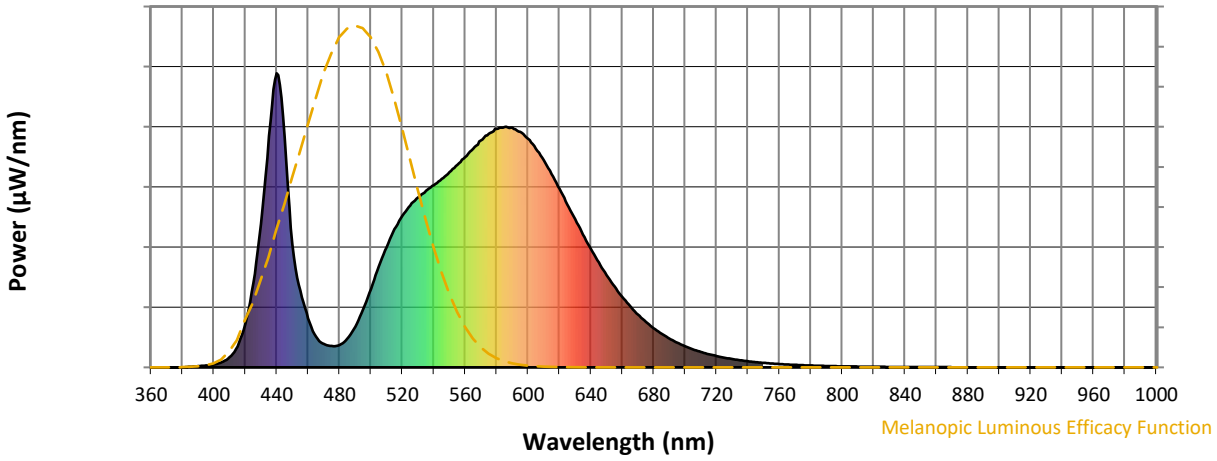


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

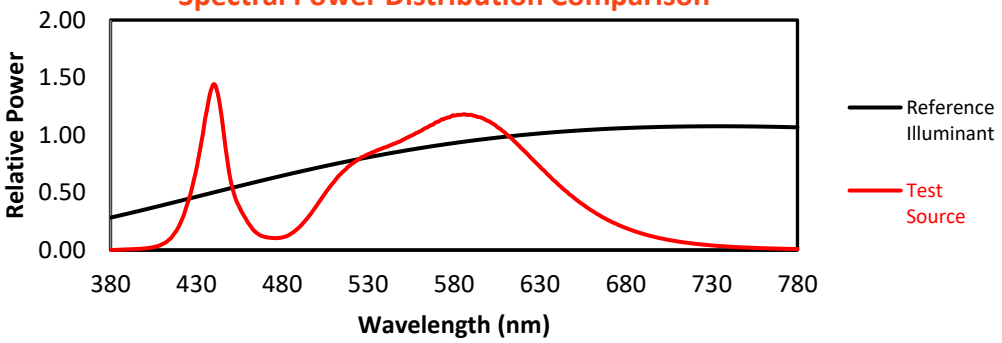
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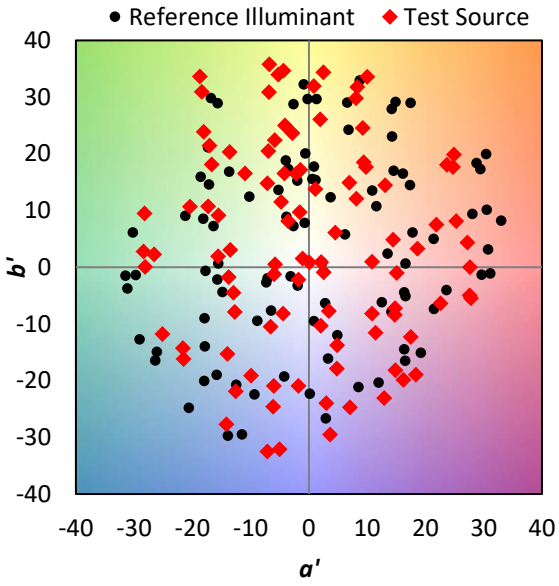
Summary

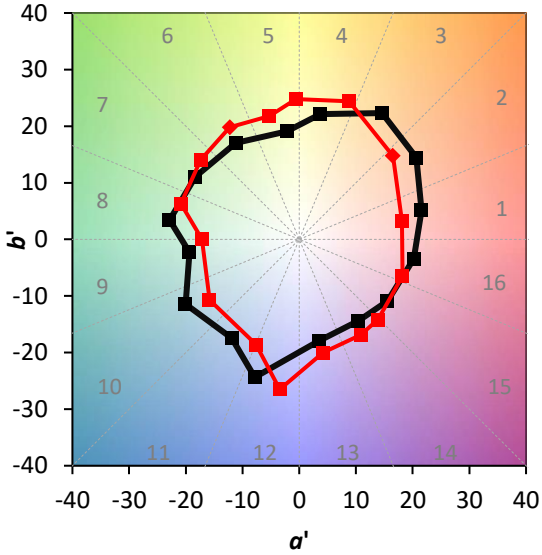
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

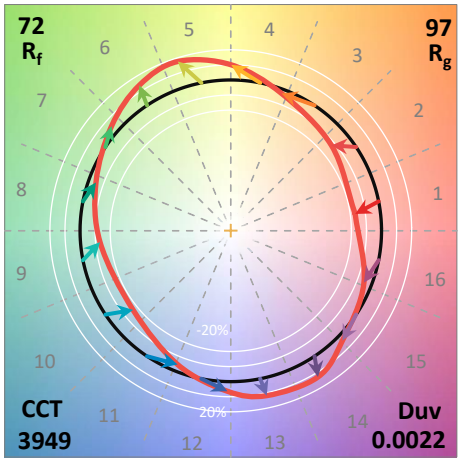
Spectral Power Distribution Comparison

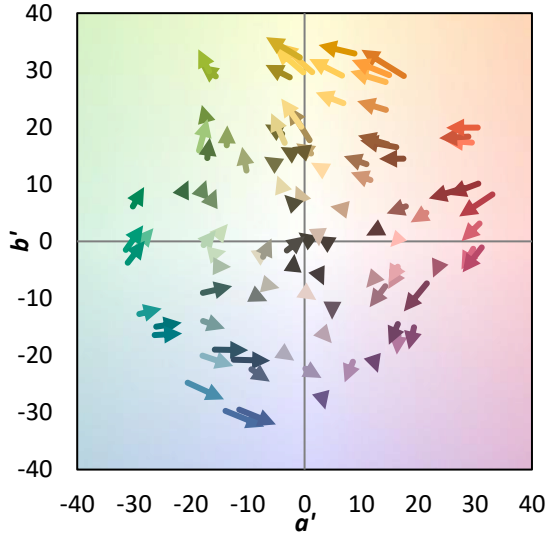


Color Vector Graphics







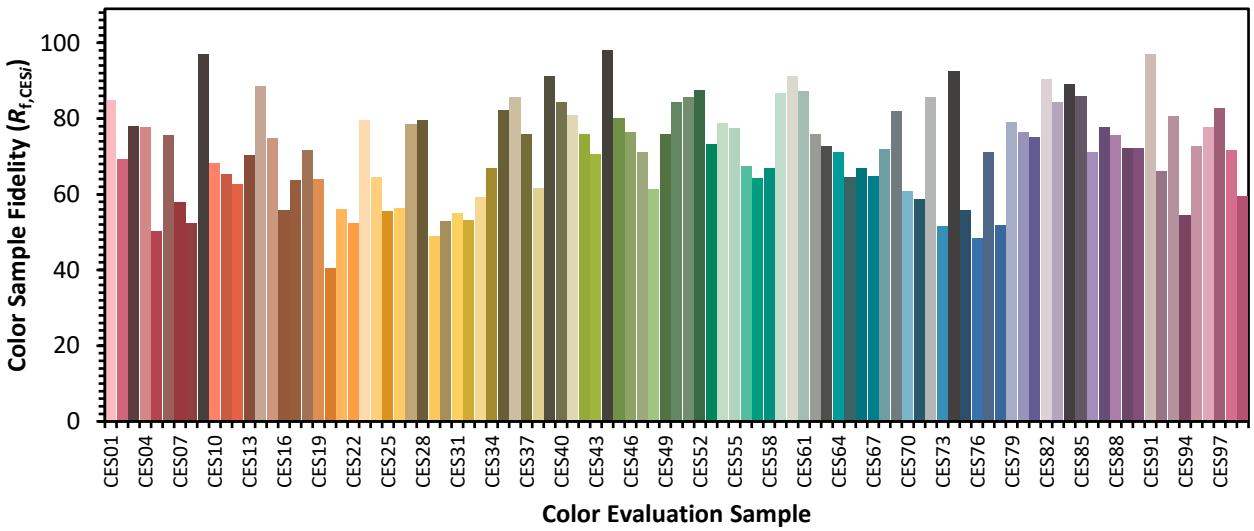


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Individual Sample Fidelity Index ($R_{f,i}$)

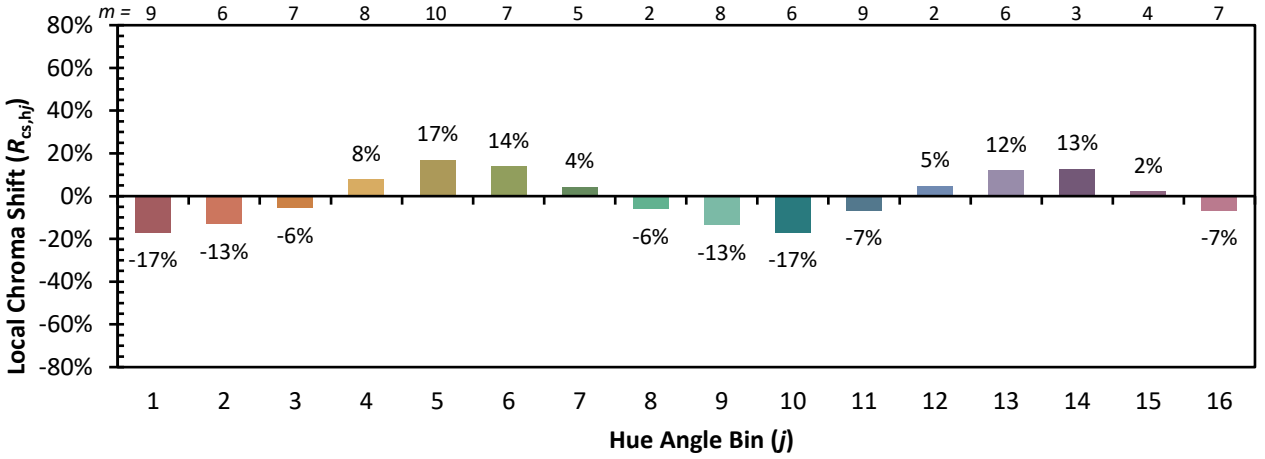
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

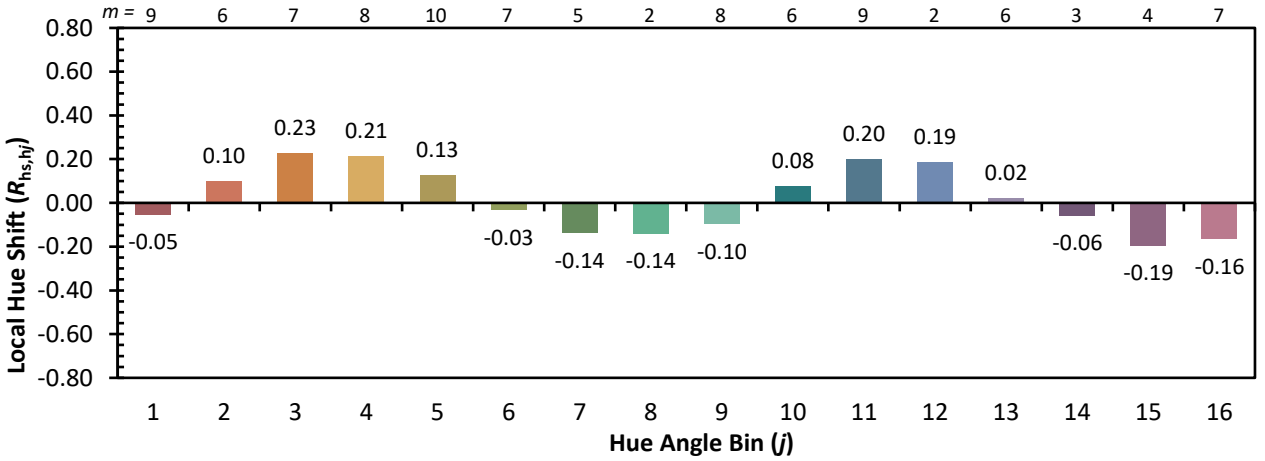


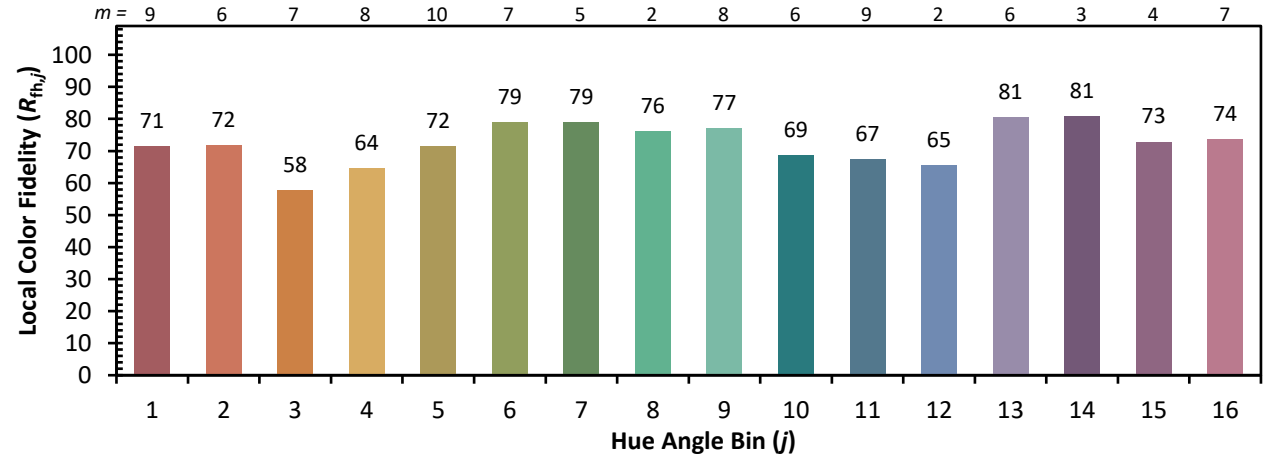
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Color Rendition by Hue-Angle Bin



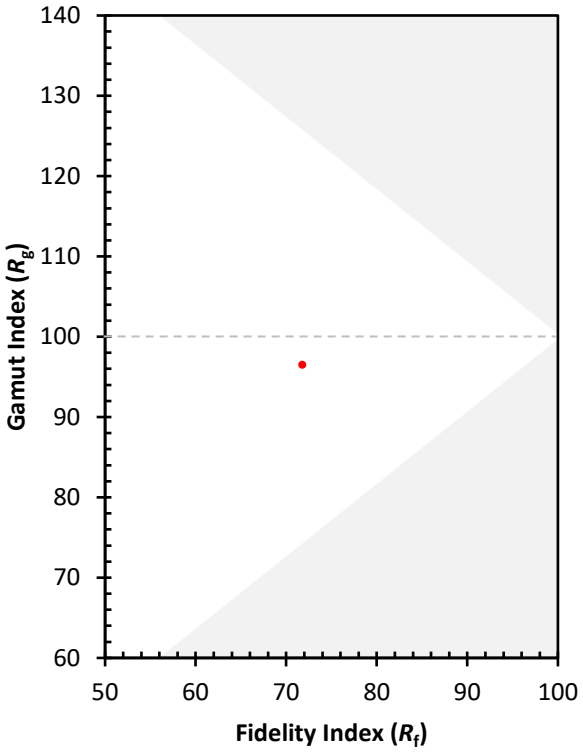


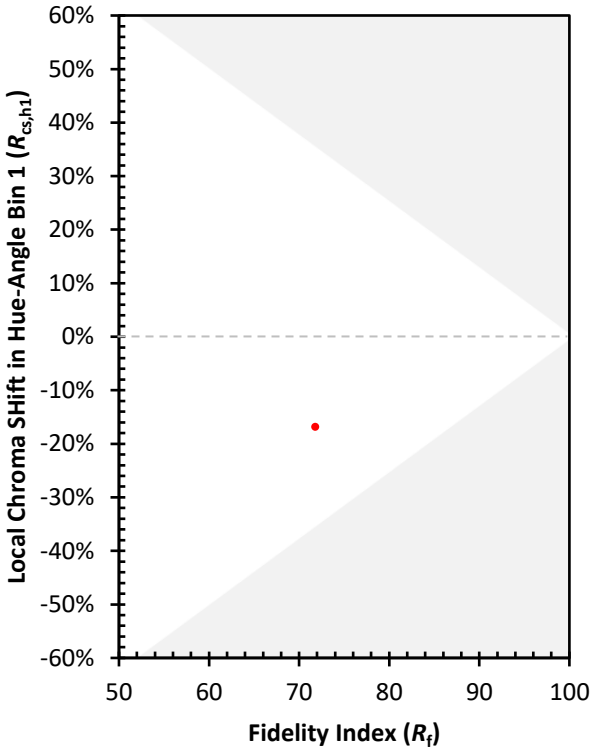


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Measure Comparisons





(END OF REPORT)