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: P1364919

Luminaire Tested: **GSS-SB3A-722-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364919
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-722-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(78) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9822.6 lumens
Efficiency:	N/A
Efficacy:	115.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

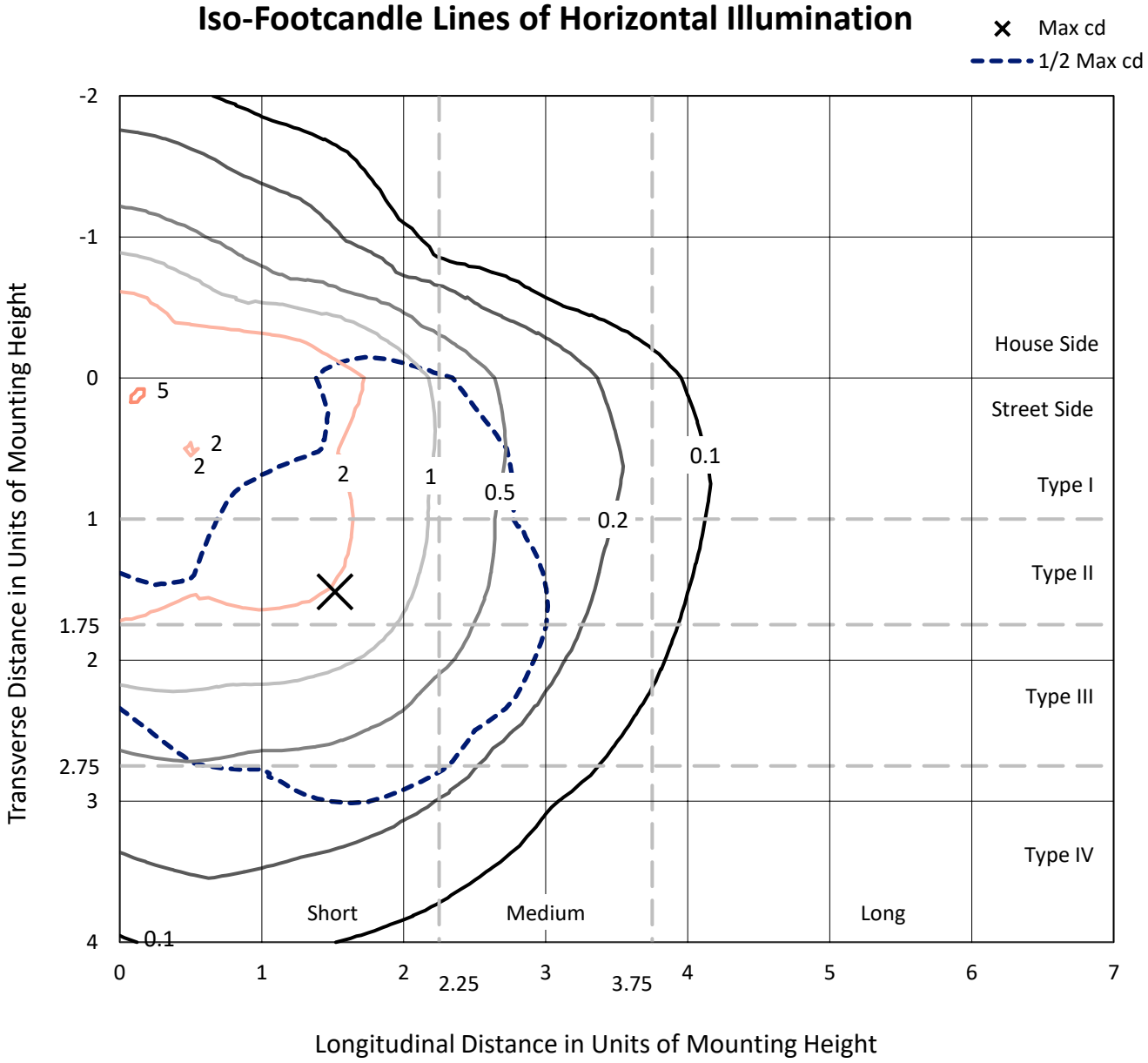
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



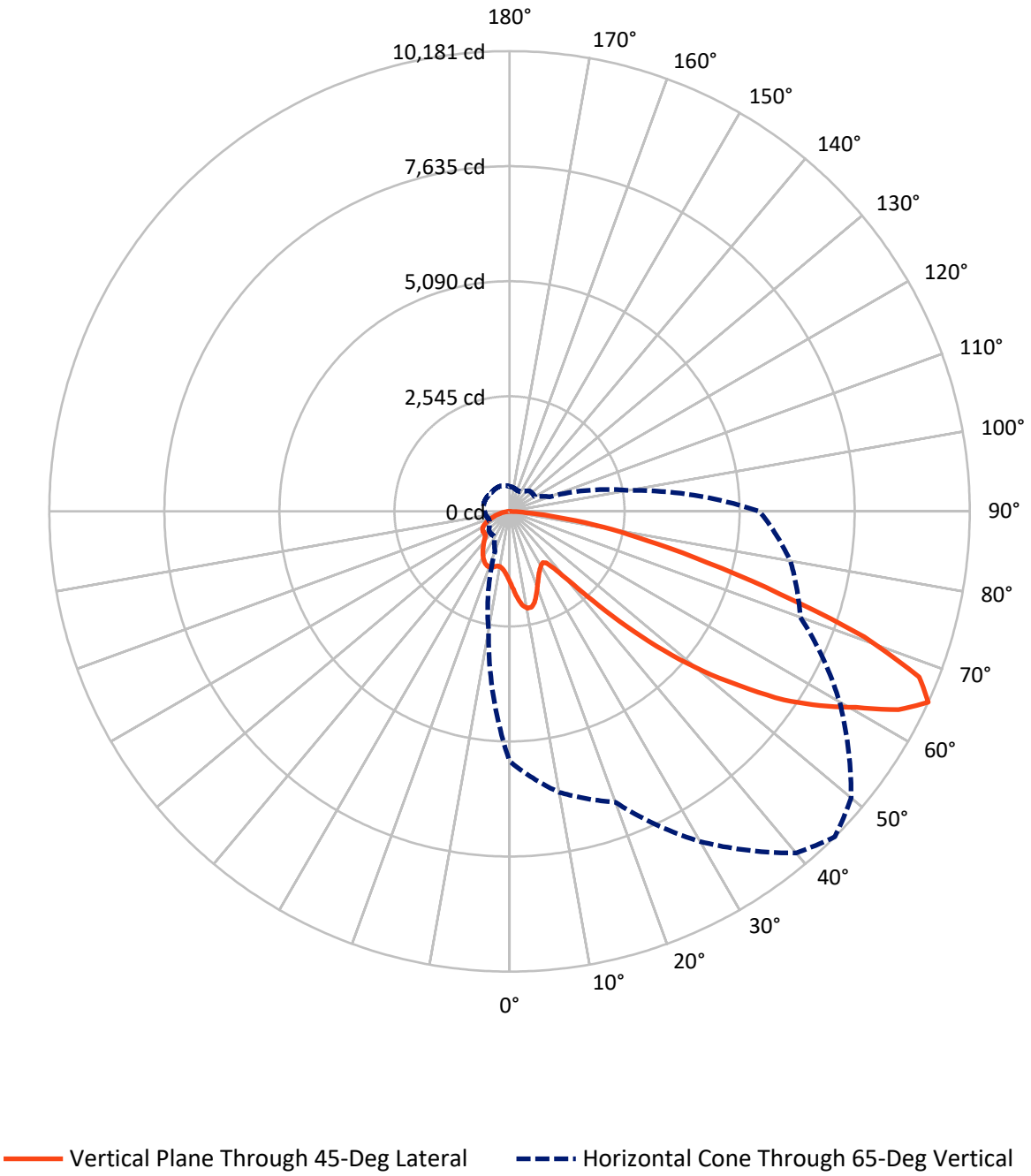
Based on 20 foot mounting height. Maximum calculated value = 5.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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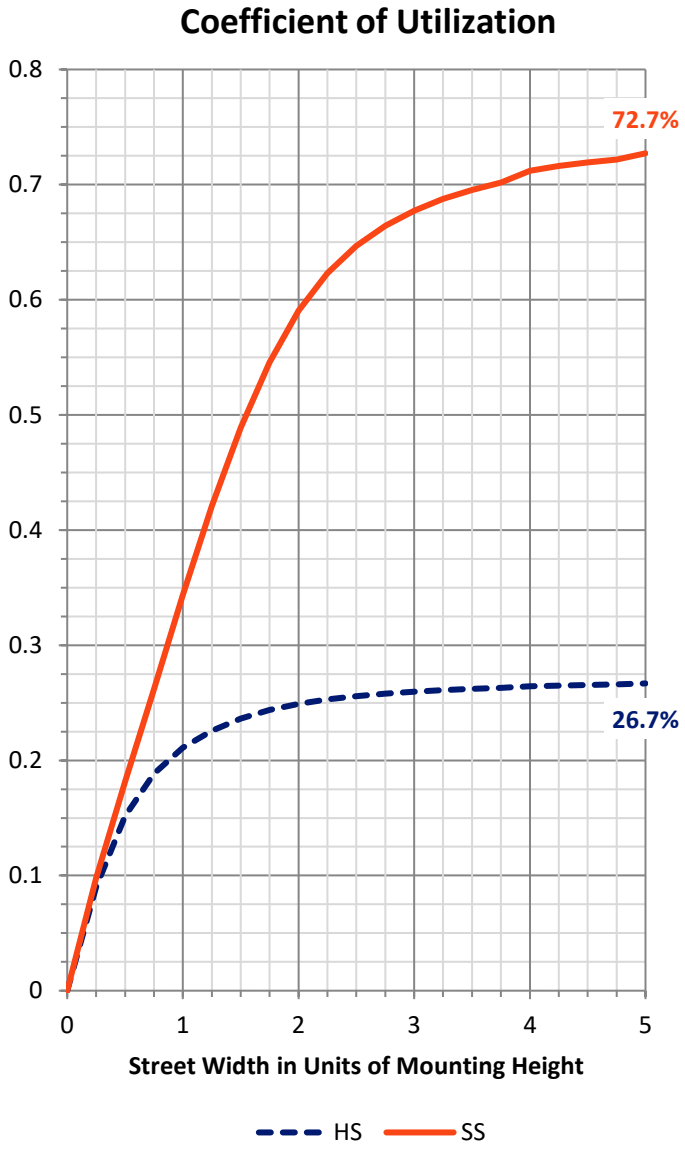
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2642.5	0.0	2642.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	7180.1	0.0	7180.1
	% Fixture	73.1	0.0	73.1
Total	Lumens	9822.6	0.0	9822.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.7	1.6
10°-20°	473.9	4.8
20°-30°	733.5	7.5
30°-40°	910.0	9.3
40°-50°	1330.7	13.5
50°-60°	2084.4	21.2
60°-70°	2473.3	25.2
70°-80°	1442.6	14.7
80°-90°	219.5	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°	9822.6	100.0
0°-180°	9822.6	100.0



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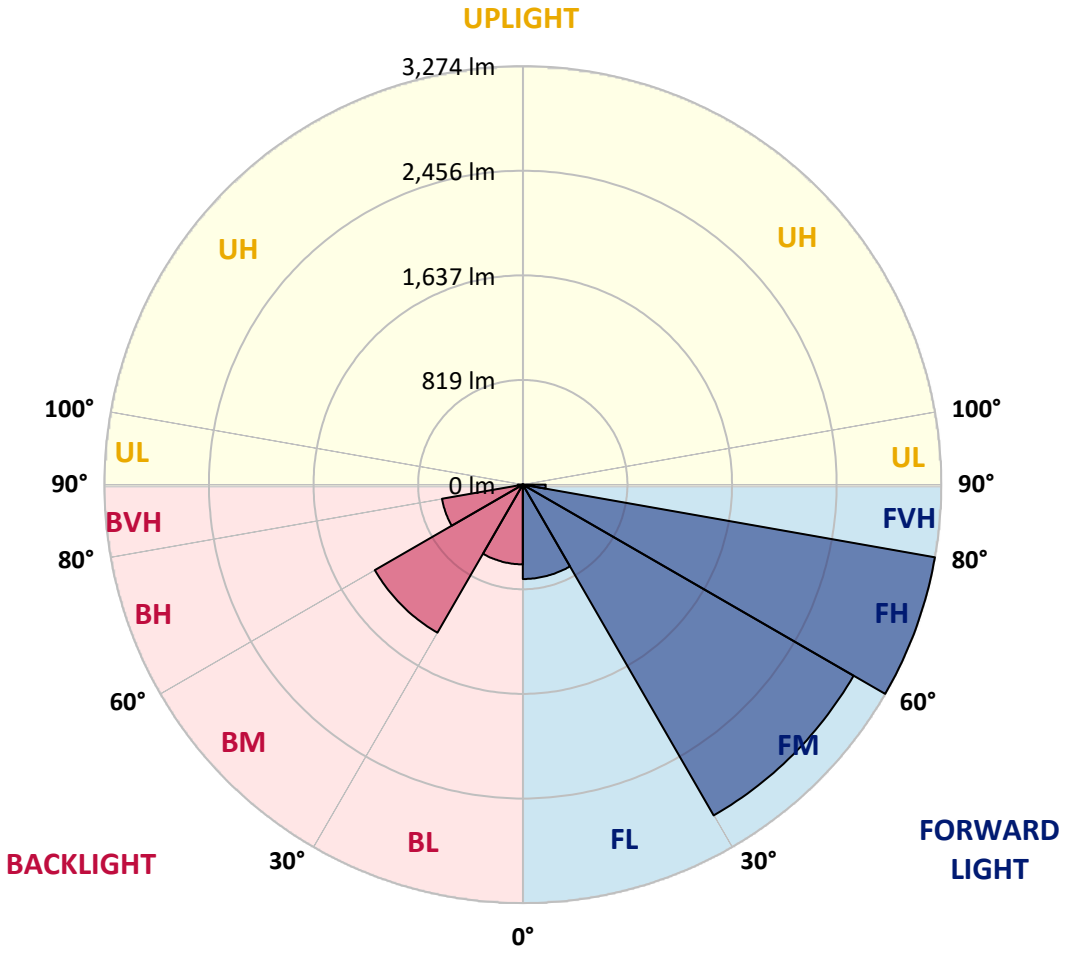
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	738.3	7.5			
FM	(30°-60°)	2988.2	30.4			
FH	(60°-80°)	3274.1	33.3			G2/5000
FVH	(80°-90°)	179.5	1.8			G2/225
BL	(0°-30°)	623.8	6.4	B2/1000		
BM	(30°-60°)	1337.0	13.6	B2/2500		
BH	(60°-80°)	641.7	6.5	B2/1000		G2/1000
BVH	(80°-90°)	40.0	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	*1566.2*	1566.2
2.5°	1692.3	1698.3	1704.4	1710.8	1717.6	1721.4	1725.3	1729.3	1733.2	*1736.8*	1733.2
5°	1807.6	1834.8	1861.7	1880.0	1898.2	1912.1	1926.1	1934.0	1942.2	*1943.4*	1942.2
7.5°	1924.2	1956.3	1988.5	2016.4	2044.3	2062.0	2079.8	2090.1	2100.7	*2104.3*	2100.7
10°	1997.4	2035.1	2073.1	2100.0	2127.1	2143.7	2160.0	2168.2	2176.4	*2178.8*	2176.4
12.5°	2034.7	2070.9	2107.2	2128.1	2148.8	2159.3	2169.7	2173.5	2176.9	*2174.0*	2176.9
15°	2052.7	2074.1	2095.2	2104.1	2112.7	2107.7	2102.4	2094.9	2087.5	*2082.7*	2087.5
17.5°	2057.5	2064.9	2072.6	2056.5	2040.7	2011.8	1983.0	1961.4	1939.8	*1924.2*	1939.8
20°	2073.1	2061.1	2049.1	2006.3	1963.8	1909.7	1855.7	1819.4	1782.9	*1760.8*	1782.9
22.5°	2089.9	2056.0	2022.2	1950.3	1878.5	1804.5	1730.8	1689.0	1647.4	*1623.9*	1647.4
25°	2116.3	2058.2	1999.8	1902.8	1806.0	1719.0	1632.3	1586.9	1541.7	*1515.8*	1541.7
27.5°	2154.8	2065.9	1977.0	1856.9	1736.8	1642.6	1548.2	1505.0	1461.7	*1438.9*	1461.7
30°	2208.8	2090.9	1972.7	1829.0	1685.1	1586.6	1488.2	1445.9	1403.4	*1378.9*	1403.4
32.5°	2274.9	2125.9	1977.0	1816.1	1655.1	1554.7	1454.5	1413.9	1373.6	*1352.4*	1373.6
35°	2386.6	2198.0	2009.4	1830.9	1652.7	1559.5	1466.5	1436.7	1407.2	*1395.7*	1407.2
37.5°	2528.3	2308.0	2087.5	1903.7	1720.0	1656.6	1593.1	1593.1	1593.1	*1602.3*	1593.1
40°	2737.3	2489.9	2242.4	2068.5	1894.8	1891.0	1887.6	1928.0	1968.6	*1986.6*	1968.6
42.5°	3030.4	2768.8	2507.4	2367.1	2226.8	2310.9	2395.0	2511.7	2628.5	*2704.9*	2628.5
45°	3394.3	3139.7	2885.0	2787.0	2689.3	2876.4	3063.3	3269.6	3476.0	*3622.5*	3476.0
47.5°	3742.6	3528.3	3313.8	3257.8	3202.1	3513.2	3824.3	4126.7	4429.2	*4607.4*	4429.2
50°	4146.2	3953.5	3760.6	3749.8	3739.0	4153.4	4567.8	4958.1	5348.5	*5565.9*	5348.5
52.5°	4663.9	4452.2	4240.3	4249.0	4257.2	4749.4	5241.6	5713.6	6185.6	*6430.7*	6185.6
55°	5282.4	5017.0	4751.5	4750.1	4748.6	5314.1	5880.1	6460.0	7040.3	*7367.5*	7040.3
57.5°	5913.0	5664.4	5415.7	5356.6	5297.3	5888.7	6479.9	7120.3	7761.0	*8105.0*	7761.0
60°	6386.2	6249.3	6112.4	6017.7	5923.3	6530.6	7138.1	7799.7	8461.0	*8804.0*	8461.0
62.5°	6190.4	6435.2	6680.0	6673.0	6666.1	7321.6	7977.2	8665.2	9353.6	*9661.6*	9353.6
65°	*5529.8*	*5920.2*	*6310.6*	*6579.1*	*6847.4*	*7639.9*	*8432.2*	*9149.0*	*9865.8*	*10180.5*	*9865.8*
67.5°	4910.1	5254.1	5598.3	5818.1	6037.9	6930.8	7823.9	8637.3	9450.7	*9774.5*	9450.7
70°	4316.7	4697.7	5078.7	5235.8	5392.9	6151.5	6909.9	7553.4	8196.8	*8323.6*	8196.8
72.5°	3705.4	4158.4	4611.7	4678.3	4744.8	5296.8	5848.9	6191.6	6534.4	*6257.7*	6534.4
75°	3034.0	3545.2	4056.1	4100.5	4145.0	4317.0	4489.2	4576.4	4663.9	*4506.5*	4663.9
77.5°	2017.8	2460.3	2903.0	3002.7	3102.4	3217.0	3331.8	3325.8	3319.8	*3098.8*	3319.8
80°	1184.3	1530.4	1876.6	1889.6	1902.5	1988.5	2074.3	2162.0	2249.7	*2109.1*	2249.7
82.5°	592.1	782.2	972.4	1001.7	1031.0	1083.6	1136.2	1160.7	1185.5	*1066.6*	1185.5
85°	134.5	184.0	233.5	281.3	329.1	384.4	439.6	433.4	427.1	*360.3*	427.1
87.5°	10.8	11.1	11.5	11.8	12.0	12.3	12.5	13.2	13.9	*14.4*	13.9
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2
2.5°	1729.3	1725.3	1721.4	1717.6	1710.8	1704.4	1698.3	1692.3	1677.0	1661.8	1647.9
5°	1934.0	1926.1	1912.1	1898.2	1880.0	1861.7	1834.8	1807.6	1780.5	1753.6	1725.3
7.5°	2090.1	2079.8	2062.0	2044.3	2016.4	1988.5	1956.3	1924.2	1878.5	1832.9	1789.9
10°	2168.2	2160.0	2143.7	2127.1	2100.0	2073.1	2035.1	1997.4	1942.9	1888.1	1834.8
12.5°	2173.5	2169.7	2159.3	2148.8	2128.1	2107.2	2070.9	2034.7	1980.4	1926.1	1866.3
15°	2094.9	2102.4	2107.7	2112.7	2104.1	2095.2	2074.1	2052.7	1997.7	1942.9	1882.1
17.5°	1961.4	1983.0	2011.8	2040.7	2056.5	2072.6	2064.9	2057.5	2006.1	1954.9	1890.0
20°	1819.4	1855.7	1909.7	1963.8	2006.3	2049.1	2061.1	2073.1	2021.2	1969.3	1899.7
22.5°	1689.0	1730.8	1804.5	1878.5	1950.3	2022.2	2056.0	2089.9	2042.3	1995.0	1918.4
25°	1586.9	1632.3	1719.0	1806.0	1902.8	1999.8	2058.2	2116.3	2075.3	2034.2	1950.6
27.5°	1505.0	1548.2	1642.6	1736.8	1856.9	1977.0	2065.9	2154.8	2123.3	2091.8	1997.7
30°	1445.9	1488.2	1586.6	1685.1	1829.0	1972.7	2090.9	2208.8	2184.1	2159.6	2053.4
32.5°	1413.9	1454.5	1554.7	1655.1	1816.1	1977.0	2125.9	2274.9	2259.5	2244.1	2119.0
35°	1436.7	1466.5	1559.5	1652.7	1830.9	2009.4	2198.0	2386.6	2367.4	2348.1	2188.6
37.5°	1593.1	1593.1	1656.6	1720.0	1903.7	2087.5	2308.0	2528.3	2505.5	2482.7	2273.7
40°	1928.0	1887.6	1891.0	1894.8	2068.5	2242.4	2489.9	2737.3	2692.4	2647.2	2371.0
42.5°	2511.7	2395.0	2310.9	2226.8	2367.1	2507.4	2768.8	3030.4	2935.2	2839.9	2478.6
45°	3269.6	3063.3	2876.4	2689.3	2787.0	2885.0	3139.7	3394.3	3241.8	3089.2	2624.6
47.5°	4126.7	3824.3	3513.2	3202.1	3257.8	3313.8	3528.3	3742.6	3549.5	3356.3	2774.8
50°	4958.1	4567.8	4153.4	3739.0	3749.8	3760.6	3953.5	4146.2	3884.3	3622.5	2905.7
52.5°	5713.6	5241.6	4749.4	4257.2	4249.0	4240.3	4452.2	4663.9	4248.0	3832.0	2967.7
55°	6460.0	5880.1	5314.1	4748.6	4750.1	4751.5	5017.0	5282.4	4613.4	3944.4	2951.3
57.5°	7120.3	6479.9	5888.7	5297.3	5356.6	5415.7	5664.4	5913.0	4920.2	3927.6	2862.2
60°	7799.7	7138.1	6530.6	5923.3	6017.7	6112.4	6249.3	6386.2	5057.6	3728.7	2648.7
62.5°	8665.2	7977.2	7321.6	6666.1	6673.0	6680.0	6435.2	6190.4	4752.7	3315.0	2298.7
65°	*9149.0*	*8432.2*	*7639.9*	*6847.4*	*6579.1*	*6310.6*	*5920.2*	*5529.8*	*4099.3*	*2668.8*	*1803.1*
67.5°	8637.3	7823.9	6930.8	6037.9	5818.1	5598.3	5254.1	4910.1	3520.6	2131.2	1403.1
70°	7553.4	6909.9	6151.5	5392.9	5235.8	5078.7	4697.7	4316.7	2991.0	1665.2	1075.2
72.5°	6191.6	5848.9	5296.8	4744.8	4678.3	4611.7	4158.4	3705.4	2483.6	1261.6	808.3
75°	4576.4	4489.2	4317.0	4145.0	4100.5	4056.1	3545.2	3034.0	1983.0	932.0	599.1
77.5°	3325.8	3331.8	3217.0	3102.4	3002.7	2903.0	2460.3	2017.8	1301.0	584.2	387.2
80°	2162.0	2074.3	1988.5	1902.5	1889.6	1876.6	1530.4	1184.3	745.9	307.5	214.0
82.5°	1160.7	1136.2	1083.6	1031.0	1001.7	972.4	782.2	592.1	373.8	155.7	115.1
85°	433.4	439.6	384.4	329.1	281.3	233.5	184.0	134.5	88.9	43.2	36.5
87.5°	13.2	12.5	12.3	12.0	11.8	11.5	11.1	10.8	10.6	10.1	9.8
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2
2.5°	1634.0	1620.0	1605.9	1592.4	1578.7	1565.0	1553.0	1540.0	1527.3	1517.2	1507.4
5°	1697.1	1669.5	1641.9	1615.7	1589.8	1562.6	1539.3	1516.3	1493.7	1474.9	1456.2
7.5°	1746.9	1708.4	1670.0	1635.7	1601.1	1565.0	1536.9	1508.8	1481.0	1456.7	1432.2
10°	1781.2	1733.9	1686.3	1646.7	1607.1	1568.6	1538.6	1509.1	1479.7	1454.8	1429.8
12.5°	1806.4	1753.4	1700.3	1656.6	1613.1	1571.0	1541.7	1517.2	1493.0	1475.4	1458.1
15°	1821.3	1764.2	1706.8	1657.5	1608.3	1561.4	1535.5	1519.6	1503.8	1502.3	1500.9
17.5°	1825.2	1759.8	1694.7	1637.3	1580.2	1525.4	1503.3	1501.1	1499.0	1522.7	1546.5
20°	1830.0	1753.4	1676.7	1601.3	1525.9	1453.3	1439.4	1453.1	1466.5	1513.1	1559.5
22.5°	1842.0	1748.3	1654.6	1560.0	1465.3	1378.9	1365.6	1385.8	1405.8	1466.5	1527.3
25°	1867.0	1747.8	1628.7	1510.7	1392.8	1293.6	1292.4	1314.2	1336.1	1392.3	1448.5
27.5°	1903.7	1752.4	1601.1	1460.3	1319.3	1217.9	1223.9	1244.8	1266.0	1307.8	1349.6
30°	1947.0	1762.2	1577.8	1416.3	1255.1	1156.7	1163.1	1179.5	1195.8	1226.1	1256.3
32.5°	1993.8	1773.3	1553.0	1377.9	1203.0	1112.2	1112.2	1119.2	1126.1	1145.8	1165.5
35°	2029.4	1770.7	1512.2	1334.2	1155.9	1085.8	1070.9	1065.1	1059.4	1072.3	1085.3
37.5°	2064.7	1763.2	1461.7	1285.7	1109.8	1054.6	1026.2	1010.8	995.0	1001.2	1007.0
40°	2094.7	1746.4	1398.1	1227.8	1057.4	1013.7	978.2	955.1	932.0	931.6	930.8
42.5°	2116.8	1717.3	1317.6	1158.8	999.8	969.3	925.3	896.0	866.7	863.6	860.5
45°	2160.0	1697.4	1234.7	1088.7	942.9	915.2	871.5	841.2	811.5	806.7	801.9
47.5°	2193.2	1674.1	1155.0	1019.0	883.5	851.6	810.7	785.0	759.1	756.2	753.1
50°	2188.9	1634.4	1079.8	957.0	834.0	790.3	750.0	728.8	707.4	711.0	714.7
52.5°	2103.1	1553.3	1003.6	901.3	799.4	743.5	700.2	684.4	668.3	679.6	690.6
55°	1958.3	1445.6	932.5	854.7	776.4	720.7	669.7	652.0	634.2	650.0	665.9
57.5°	1796.8	1333.0	869.1	815.3	761.5	714.7	652.2	627.2	602.5	618.3	634.2
60°	1568.6	1190.5	812.4	774.7	737.0	700.2	637.8	606.6	575.3	585.9	596.2
62.5°	1282.3	1009.9	737.5	716.3	695.4	679.8	620.2	579.4	538.6	540.0	541.0
65°	*937.3*	*793.7*	*649.8*	*645.2*	*640.9*	*636.6*	*587.3*	*543.4*	*499.7*	*494.9*	*490.0*
67.5°	675.0	606.8	538.6	551.3	564.0	570.5	536.9	498.2	459.3	449.4	439.6
70°	485.2	461.2	437.2	456.2	475.2	473.2	456.9	433.8	410.8	404.5	398.3
72.5°	355.0	354.6	354.3	368.7	383.1	363.9	374.3	369.0	363.9	359.4	355.0
75°	266.2	264.5	263.0	280.1	297.4	305.1	311.8	308.9	306.3	302.9	299.8
77.5°	190.3	191.7	192.7	211.4	230.1	252.2	253.4	247.2	240.7	237.3	233.5
80°	120.6	122.0	123.0	142.7	162.1	193.4	192.2	184.5	176.6	173.9	171.0
82.5°	74.5	74.7	74.9	84.6	94.2	111.7	116.5	116.5	116.5	114.8	112.9
85°	30.0	31.5	33.2	39.4	45.6	55.3	58.1	58.6	58.9	56.2	53.3
87.5°	9.6	10.1	10.8	12.0	13.2	14.4	16.8	18.3	19.7	21.1	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

Cooper Lighting Solutions Photometric Lab
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2
2.5°	1498.7	1489.8	1479.5	1468.9	1461.5	1453.8	1448.8	1443.7	1441.3	1438.9	1437.0
5°	1440.8	1425.0	1411.0	1396.9	1385.8	1374.5	1365.4	1356.0	1352.2	1348.1	1345.5
7.5°	1411.5	1390.9	1373.6	1356.0	1339.5	1323.1	1312.6	1302.0	1295.7	1289.5	1284.9
10°	1407.9	1386.1	1363.2	1340.4	1322.2	1303.9	1288.1	1272.7	1263.8	1255.1	1250.3
12.5°	1438.0	1417.8	1390.6	1363.2	1338.5	1314.0	1294.5	1275.1	1264.0	1253.5	1246.3
15°	1493.9	1487.0	1461.7	1436.5	1402.4	1368.0	1340.2	1312.1	1296.7	1280.8	1272.0
17.5°	1560.2	1573.9	1556.4	1538.6	1490.6	1442.5	1401.0	1359.6	1337.1	1314.5	1306.6
20°	1596.5	1633.5	1631.6	1629.9	1567.2	1504.3	1449.7	1395.2	1364.9	1335.1	1323.1
22.5°	1580.6	1634.0	1647.7	1661.1	1599.6	1537.9	1470.6	1403.4	1367.8	1332.0	1320.7
25°	1505.9	1563.3	1588.8	1614.3	1563.6	1512.9	1447.6	1382.5	1345.0	1307.3	1295.7
27.5°	1395.7	1441.8	1470.4	1499.0	1468.0	1437.0	1384.1	1331.3	1298.1	1264.8	1252.5
30°	1287.6	1318.8	1341.6	1364.4	1344.0	1323.6	1285.7	1247.9	1223.2	1198.7	1191.0
32.5°	1188.8	1211.9	1224.6	1237.1	1221.3	1205.4	1180.4	1155.5	1140.1	1124.7	1119.7
35°	1104.0	1123.0	1132.6	1142.2	1129.0	1115.8	1093.5	1071.4	1060.3	1049.3	1045.2
37.5°	1023.1	1038.9	1052.6	1066.6	1057.0	1047.4	1028.4	1009.4	996.4	983.0	975.8
40°	946.2	961.4	978.7	995.7	994.0	992.1	974.1	956.1	937.3	918.8	909.0
42.5°	875.6	890.7	909.0	927.2	930.8	934.5	919.6	904.4	882.8	861.2	846.1
45°	814.8	828.3	848.2	868.4	876.8	885.2	871.8	858.1	833.8	809.5	791.5
47.5°	766.8	780.7	802.8	825.2	834.0	843.2	834.0	825.2	804.3	783.1	767.3
50°	729.8	744.7	762.0	779.5	796.1	812.4	810.7	809.1	792.5	775.9	761.0
52.5°	704.3	718.3	736.3	754.3	771.6	789.1	791.8	794.6	782.6	770.6	757.7
55°	682.5	699.0	715.9	732.7	749.0	765.1	768.7	772.3	763.7	754.8	745.2
57.5°	652.2	670.2	687.0	703.8	722.8	741.8	744.7	747.6	738.4	729.1	721.9
60°	614.7	633.0	650.5	667.8	687.0	706.2	710.1	713.9	706.7	699.5	692.8
62.5°	561.9	582.5	596.9	611.4	629.6	648.1	653.6	659.4	656.0	652.9	645.2
65°	*509.7*	*529.7*	*541.0*	*552.5*	*568.4*	*584.2*	*589.7*	*595.3*	*593.6*	*592.1*	*586.6*
67.5°	457.9	476.1	485.5	494.9	505.7	516.5	522.7	529.0	525.8	522.5	516.7
70°	413.2	428.1	436.2	444.4	453.1	461.7	465.1	468.4	463.6	458.8	445.8
72.5°	366.3	377.6	384.6	391.6	399.7	407.9	409.8	412.0	404.5	396.8	381.7
75°	308.4	317.1	322.4	327.9	336.3	344.7	348.3	351.9	341.4	331.0	314.9
77.5°	241.4	249.3	254.4	259.4	266.4	273.4	274.3	275.8	266.6	257.5	247.9
80°	176.8	182.6	184.5	186.2	191.9	197.5	197.5	197.5	190.7	183.8	179.0
82.5°	111.7	110.5	108.1	105.7	111.5	117.2	119.1	121.3	118.2	115.3	110.0
85°	50.0	46.1	45.4	44.4	44.2	43.7	45.4	46.8	46.1	45.6	43.7
87.5°	23.5	24.5	23.8	22.8	21.9	21.1	19.2	17.3	15.9	14.4	13.5
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2
2.5°	1435.3	1434.1	1435.3	1437.0	1438.9	1441.3	1443.7	1448.8	1453.8	1461.5	1468.9
5°	1342.8	1340.4	1342.8	1345.5	1348.1	1352.2	1356.0	1365.4	1374.5	1385.8	1396.9
7.5°	1280.4	1278.0	1280.4	1284.9	1289.5	1295.7	1302.0	1312.6	1323.1	1339.5	1356.0
10°	1245.5	1241.9	1245.5	1250.3	1255.1	1263.8	1272.7	1288.1	1303.9	1322.2	1340.4
12.5°	1239.0	1234.7	1239.0	1246.3	1253.5	1264.0	1275.1	1294.5	1314.0	1338.5	1363.2
15°	1263.1	1256.3	1263.1	1272.0	1280.8	1296.7	1312.1	1340.2	1368.0	1402.4	1436.5
17.5°	1298.4	1294.8	1298.4	1306.6	1314.5	1337.1	1359.6	1401.0	1442.5	1490.6	1538.6
20°	1311.1	1306.8	1311.1	1323.1	1335.1	1364.9	1395.2	1449.7	1504.3	1567.2	1629.9
22.5°	1309.2	1304.4	1309.2	1320.7	1332.0	1367.8	1403.4	1470.6	1537.9	1599.6	1661.1
25°	1284.0	1280.4	1284.0	1295.7	1307.3	1345.0	1382.5	1447.6	1512.9	1563.6	1614.3
27.5°	1240.0	1232.3	1240.0	1252.5	1264.8	1298.1	1331.3	1384.1	1437.0	1468.0	1499.0
30°	1183.1	1179.5	1183.1	1191.0	1198.7	1223.2	1247.9	1285.7	1323.6	1344.0	1364.4
32.5°	1114.6	1112.2	1114.6	1119.7	1124.7	1140.1	1155.5	1180.4	1205.4	1221.3	1237.1
35°	1041.3	1037.7	1041.3	1045.2	1049.3	1060.3	1071.4	1093.5	1115.8	1129.0	1142.2
37.5°	968.6	963.3	968.6	975.8	983.0	996.4	1009.4	1028.4	1047.4	1057.0	1066.6
40°	898.9	893.6	898.9	909.0	918.8	937.3	956.1	974.1	992.1	994.0	995.7
42.5°	831.2	821.5	831.2	846.1	861.2	882.8	904.4	919.6	934.5	930.8	927.2
45°	773.5	761.5	773.5	791.5	809.5	833.8	858.1	871.8	885.2	876.8	868.4
47.5°	751.4	739.9	751.4	767.3	783.1	804.3	825.2	834.0	843.2	834.0	825.2
50°	745.9	735.1	745.9	761.0	775.9	792.5	809.1	810.7	812.4	796.1	779.5
52.5°	744.7	735.1	744.7	757.7	770.6	782.6	794.6	791.8	789.1	771.6	754.3
55°	735.6	727.9	735.6	745.2	754.8	763.7	772.3	768.7	765.1	749.0	732.7
57.5°	714.7	711.0	714.7	721.9	729.1	738.4	747.6	744.7	741.8	722.8	703.8
60°	685.8	679.8	685.8	692.8	699.5	706.7	713.9	710.1	706.2	687.0	667.8
62.5°	637.8	629.4	637.8	645.2	652.9	656.0	659.4	653.6	648.1	629.6	611.4
65°	*581.3*	*571.7*	*581.3*	*586.6*	*592.1*	*593.6*	*595.3*	*589.7*	*584.2*	*568.4*	*552.5*
67.5°	511.2	509.3	511.2	516.7	522.5	525.8	529.0	522.7	516.5	505.7	494.9
70°	432.9	418.0	432.9	445.8	458.8	463.6	468.4	465.1	461.7	453.1	444.4
72.5°	366.3	350.7	366.3	381.7	396.8	404.5	412.0	409.8	407.9	399.7	391.6
75°	299.1	288.3	299.1	314.9	331.0	341.4	351.9	348.3	344.7	336.3	327.9
77.5°	238.3	233.0	238.3	247.9	257.5	266.6	275.8	274.3	273.4	266.4	259.4
80°	174.2	170.6	174.2	179.0	183.8	190.7	197.5	197.5	197.5	191.9	186.2
82.5°	104.5	100.9	104.5	110.0	115.3	118.2	121.3	119.1	117.2	111.5	105.7
85°	42.0	40.8	42.0	43.7	45.6	46.1	46.8	45.4	43.7	44.2	44.4
87.5°	12.5	12.0	12.5	13.5	14.4	15.9	17.3	19.2	21.1	21.9	22.8
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°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2
2.5°	1479.5	1489.8	1498.7	1507.4	1517.2	1527.3	1540.0	1553.0	1565.0	1578.7	1592.4
5°	1411.0	1425.0	1440.8	1456.2	1474.9	1493.7	1516.3	1539.3	1562.6	1589.8	1615.7
7.5°	1373.6	1390.9	1411.5	1432.2	1456.7	1481.0	1508.8	1536.9	1565.0	1601.1	1635.7
10°	1363.2	1386.1	1407.9	1429.8	1454.8	1479.7	1509.1	1538.6	1568.6	1607.1	1646.7
12.5°	1390.6	1417.8	1438.0	1458.1	1475.4	1493.0	1517.2	1541.7	1571.0	1613.1	1656.6
15°	1461.7	1487.0	1493.9	1500.9	1502.3	1503.8	1519.6	1535.5	1561.4	1608.3	1657.5
17.5°	1556.4	1573.9	1560.2	1546.5	1522.7	1499.0	1501.1	1503.3	1525.4	1580.2	1637.3
20°	1631.6	1633.5	1596.5	1559.5	1513.1	1466.5	1453.1	1439.4	1453.3	1525.9	1601.3
22.5°	1647.7	1634.0	1580.6	1527.3	1466.5	1405.8	1385.8	1365.6	1378.9	1465.3	1560.0
25°	1588.8	1563.3	1505.9	1448.5	1392.3	1336.1	1314.2	1292.4	1293.6	1392.8	1510.7
27.5°	1470.4	1441.8	1395.7	1349.6	1307.8	1266.0	1244.8	1223.9	1217.9	1319.3	1460.3
30°	1341.6	1318.8	1287.6	1256.3	1226.1	1195.8	1179.5	1163.1	1156.7	1255.1	1416.3
32.5°	1224.6	1211.9	1188.8	1165.5	1145.8	1126.1	1119.2	1112.2	1112.2	1203.0	1377.9
35°	1132.6	1123.0	1104.0	1085.3	1072.3	1059.4	1065.1	1070.9	1085.8	1155.9	1334.2
37.5°	1052.6	1038.9	1023.1	1007.0	1001.2	995.0	1010.8	1026.2	1054.6	1109.8	1285.7
40°	978.7	961.4	946.2	930.8	931.6	932.0	955.1	978.2	1013.7	1057.4	1227.8
42.5°	909.0	890.7	875.6	860.5	863.6	866.7	896.0	925.3	969.3	999.8	1158.8
45°	848.2	828.3	814.8	801.9	806.7	811.5	841.2	871.5	915.2	942.9	1088.7
47.5°	802.8	780.7	766.8	753.1	756.2	759.1	785.0	810.7	851.6	883.5	1019.0
50°	762.0	744.7	729.8	714.7	711.0	707.4	728.8	750.0	790.3	834.0	957.0
52.5°	736.3	718.3	704.3	690.6	679.6	668.3	684.4	700.2	743.5	799.4	901.3
55°	715.9	699.0	682.5	665.9	650.0	634.2	652.0	669.7	720.7	776.4	854.7
57.5°	687.0	670.2	652.2	634.2	618.3	602.5	627.2	652.2	714.7	761.5	815.3
60°	650.5	633.0	614.7	596.2	585.9	575.3	606.6	637.8	700.2	737.0	774.7
62.5°	596.9	582.5	561.9	541.0	540.0	538.6	579.4	620.2	679.8	695.4	716.3
65°	*541.0*	*529.7*	*509.7*	*490.0*	*494.9*	*499.7*	*543.4*	*587.3*	*636.6*	*640.9*	*645.2*
67.5°	485.5	476.1	457.9	439.6	449.4	459.3	498.2	536.9	570.5	564.0	551.3
70°	436.2	428.1	413.2	398.3	404.5	410.8	433.8	456.9	473.2	475.2	456.2
72.5°	384.6	377.6	366.3	355.0	359.4	363.9	369.0	374.3	363.9	383.1	368.7
75°	322.4	317.1	308.4	299.8	302.9	306.3	308.9	311.8	305.1	297.4	280.1
77.5°	254.4	249.3	241.4	233.5	237.3	240.7	247.2	253.4	252.2	230.1	211.4
80°	184.5	182.6	176.8	171.0	173.9	176.6	184.5	192.2	193.4	162.1	142.7
82.5°	108.1	110.5	111.7	112.9	114.8	116.5	116.5	116.5	111.7	94.2	84.6
85°	45.4	46.1	50.0	53.3	56.2	58.9	58.6	58.1	55.3	45.6	39.4
87.5°	23.8	24.5	23.5	22.1	21.1	19.7	18.3	16.8	14.4	13.2	12.0
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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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2	1566.2
2.5°	1605.9	1620.0	1634.0	1647.9	1661.8	1677.0	1692.3
5°	1641.9	1669.5	1697.1	1725.3	1753.6	1780.5	1807.6
7.5°	1670.0	1708.4	1746.9	1789.9	1832.9	1878.5	1924.2
10°	1686.3	1733.9	1781.2	1834.8	1888.1	1942.9	1997.4
12.5°	1700.3	1753.4	1806.4	1866.3	1926.1	1980.4	2034.7
15°	1706.8	1764.2	1821.3	1882.1	1942.9	1997.7	2052.7
17.5°	1694.7	1759.8	1825.2	1890.0	1954.9	2006.1	2057.5
20°	1676.7	1753.4	1830.0	1899.7	1969.3	2021.2	2073.1
22.5°	1654.6	1748.3	1842.0	1918.4	1995.0	2042.3	2089.9
25°	1628.7	1747.8	1867.0	1950.6	2034.2	2075.3	2116.3
27.5°	1601.1	1752.4	1903.7	1997.7	2091.8	2123.3	2154.8
30°	1577.8	1762.2	1947.0	2053.4	2159.6	2184.1	2208.8
32.5°	1553.0	1773.3	1993.8	2119.0	2244.1	2259.5	2274.9
35°	1512.2	1770.7	2029.4	2188.6	2348.1	2367.4	2386.6
37.5°	1461.7	1763.2	2064.7	2273.7	2482.7	2505.5	2528.3
40°	1398.1	1746.4	2094.7	2371.0	2647.2	2692.4	2737.3
42.5°	1317.6	1717.3	2116.8	2478.6	2839.9	2935.2	3030.4
45°	1234.7	1697.4	2160.0	2624.6	3089.2	3241.8	3394.3
47.5°	1155.0	1674.1	2193.2	2774.8	3356.3	3549.5	3742.6
50°	1079.8	1634.4	2188.9	2905.7	3622.5	3884.3	4146.2
52.5°	1003.6	1553.3	2103.1	2967.7	3832.0	4248.0	4663.9
55°	932.5	1445.6	1958.3	2951.3	3944.4	4613.4	5282.4
57.5°	869.1	1333.0	1796.8	2862.2	3927.6	4920.2	5913.0
60°	812.4	1190.5	1568.6	2648.7	3728.7	5057.6	6386.2
62.5°	737.5	1009.9	1282.3	2298.7	3315.0	4752.7	6190.4
65°	*649.8*	*793.7*	*937.3*	*1803.1*	*2668.8*	*4099.3*	*5529.8*
67.5°	538.6	606.8	675.0	1403.1	2131.2	3520.6	4910.1
70°	437.2	461.2	485.2	1075.2	1665.2	2991.0	4316.7
72.5°	354.3	354.6	355.0	808.3	1261.6	2483.6	3705.4
75°	263.0	264.5	266.2	599.1	932.0	1983.0	3034.0
77.5°	192.7	191.7	190.3	387.2	584.2	1301.0	2017.8
80°	123.0	122.0	120.6	214.0	307.5	745.9	1184.3
82.5°	74.9	74.7	74.5	115.1	155.7	373.8	592.1
85°	33.2	31.5	30.0	36.5	43.2	88.9	134.5
87.5°	10.8	10.1	9.6	9.8	10.1	10.6	10.8
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: SP1-2407-184-2

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

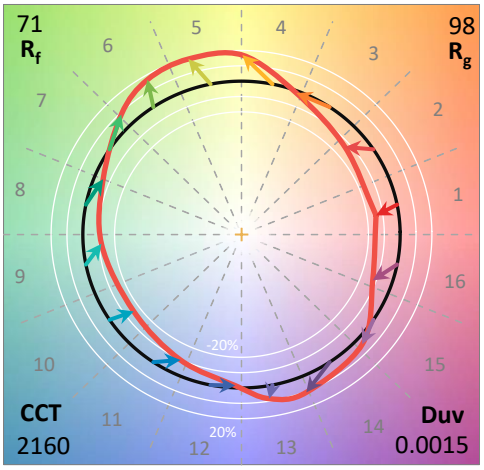
Test Information

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
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

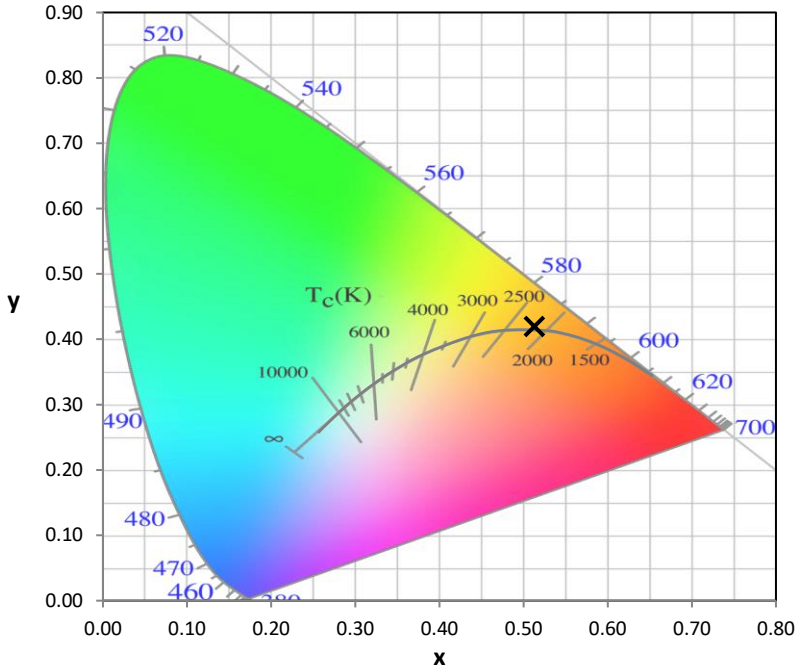
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

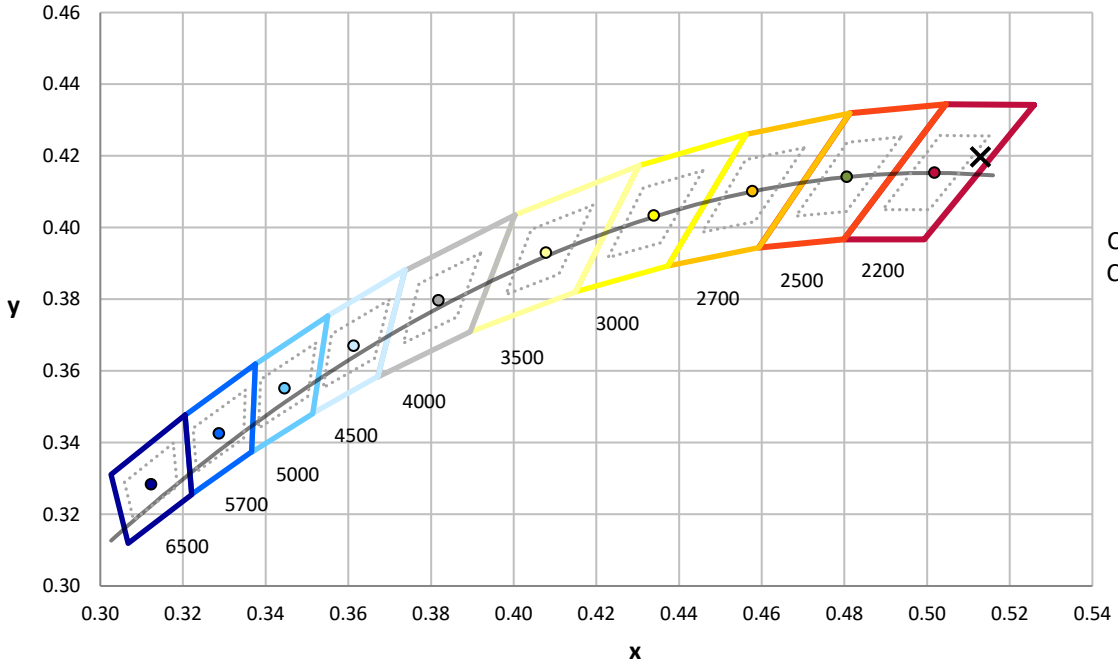
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

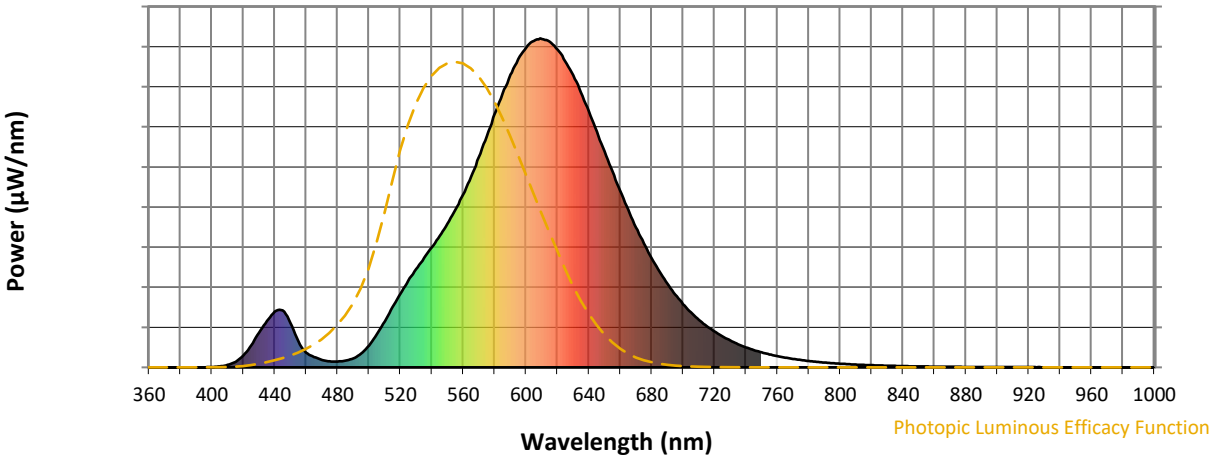


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

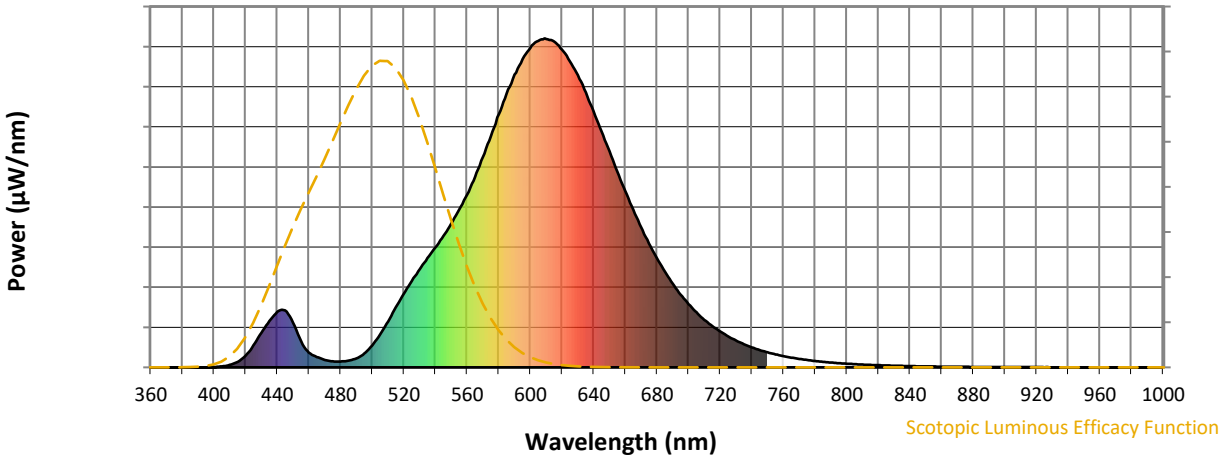


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

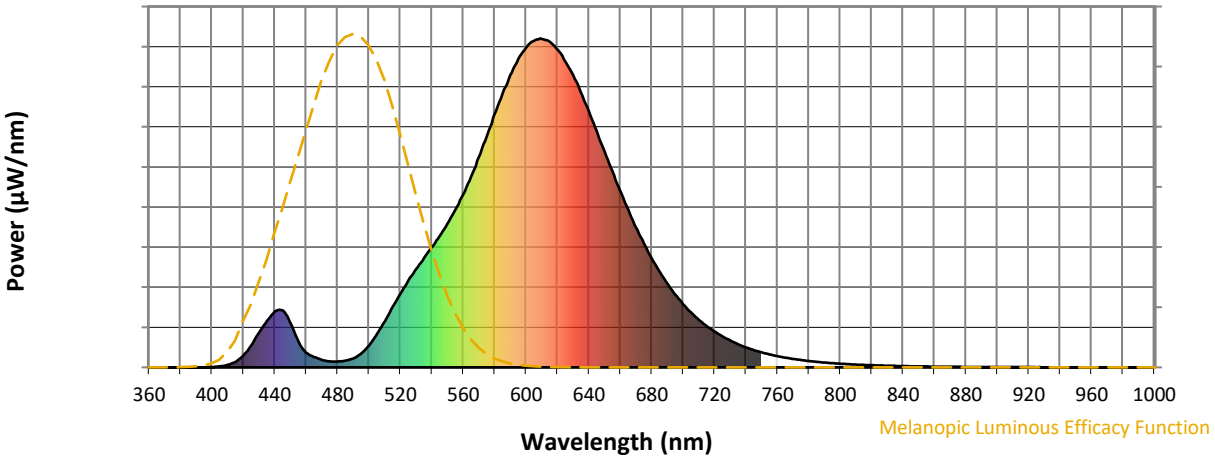


Scotopic Lumens: NR **S/P: 0.8**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

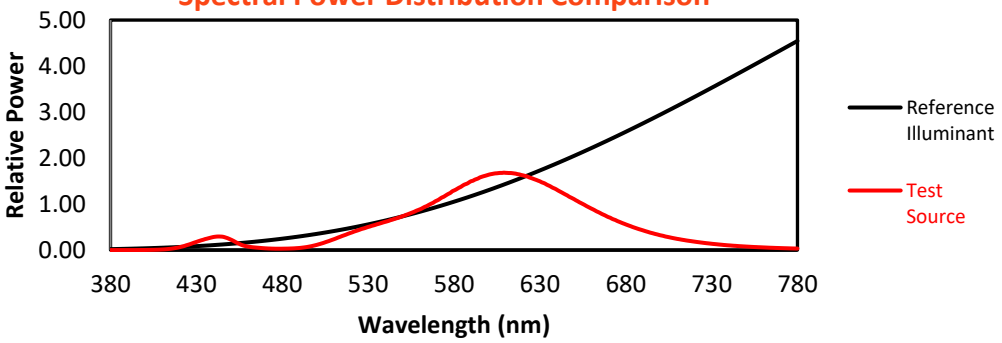
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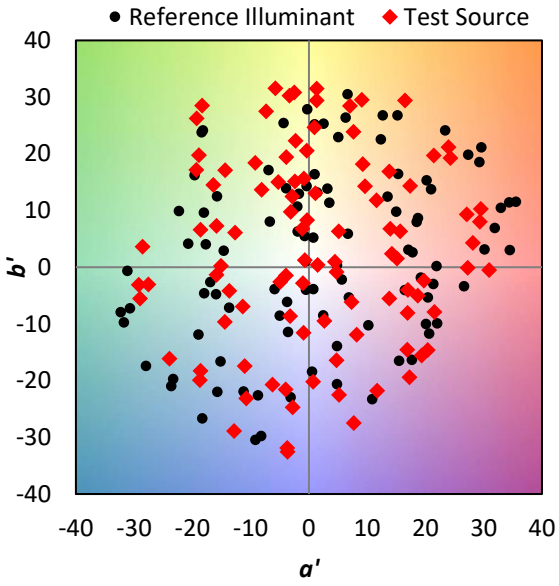
Summary

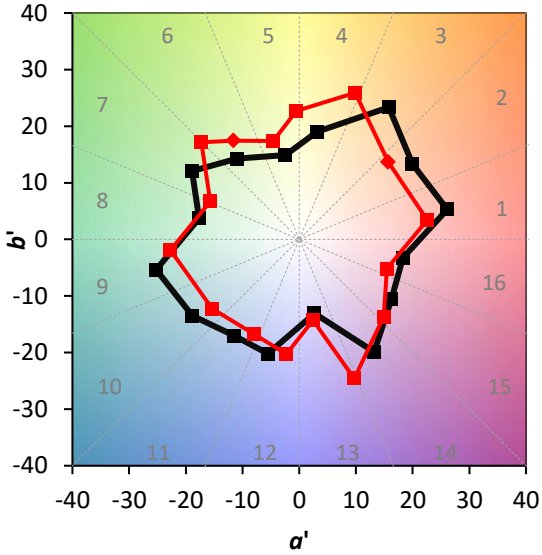
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

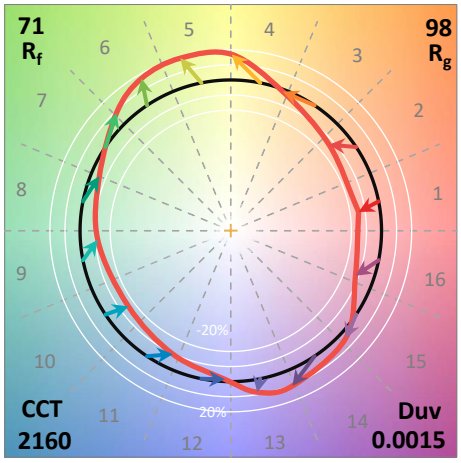
Spectral Power Distribution Comparison

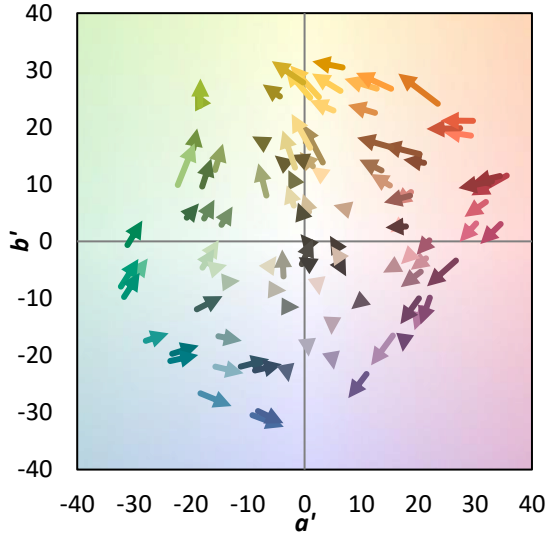


Color Vector Graphics







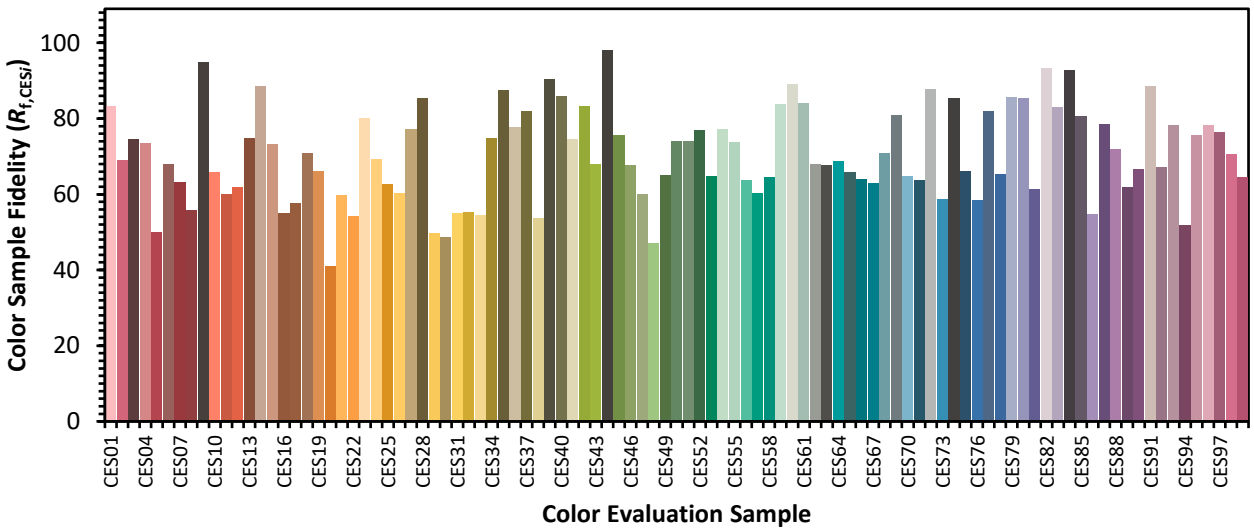


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Individual Sample Fidelity Index ($R_{f,i}$)

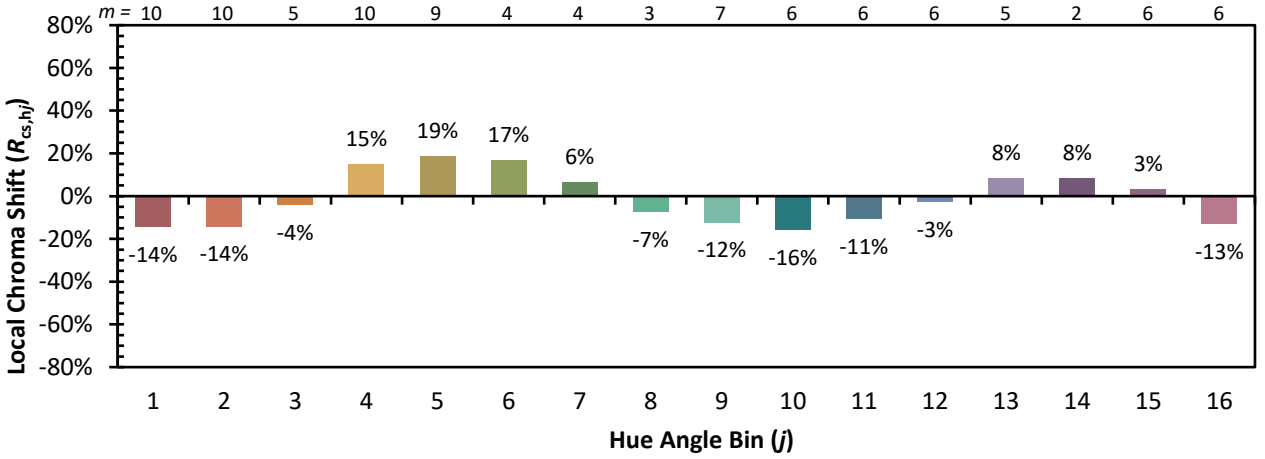
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

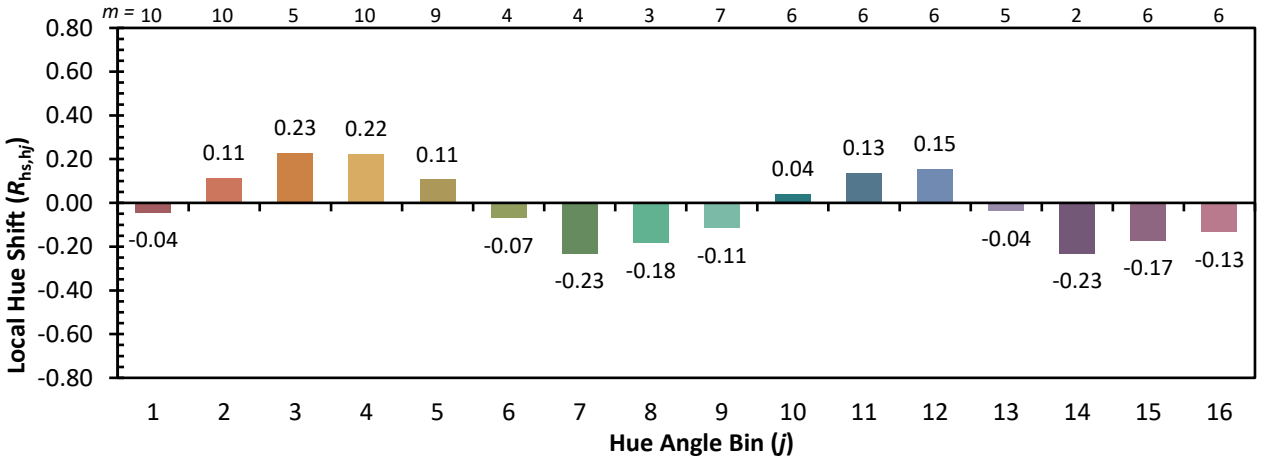


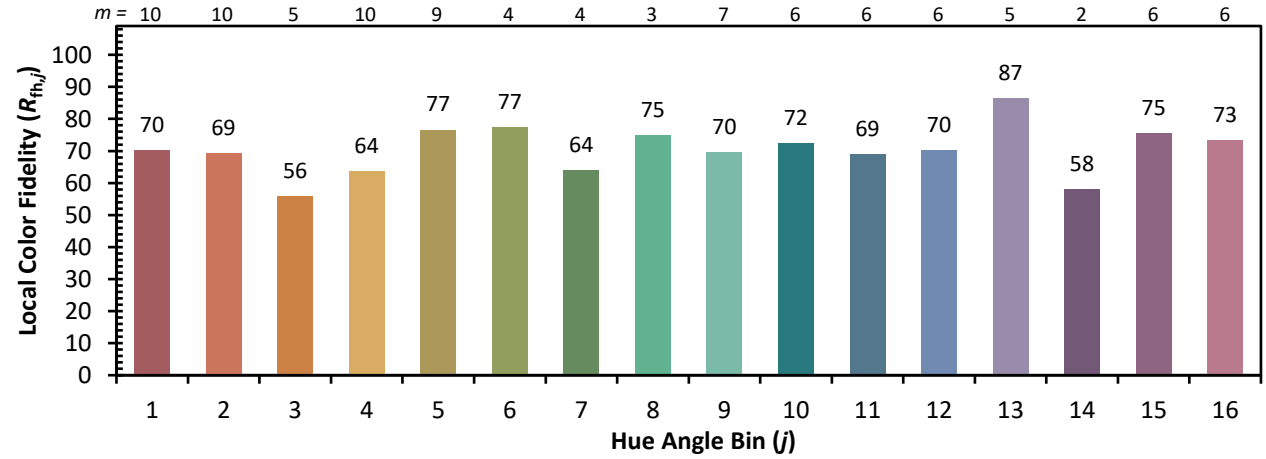
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Color Rendition by Hue-Angle Bin



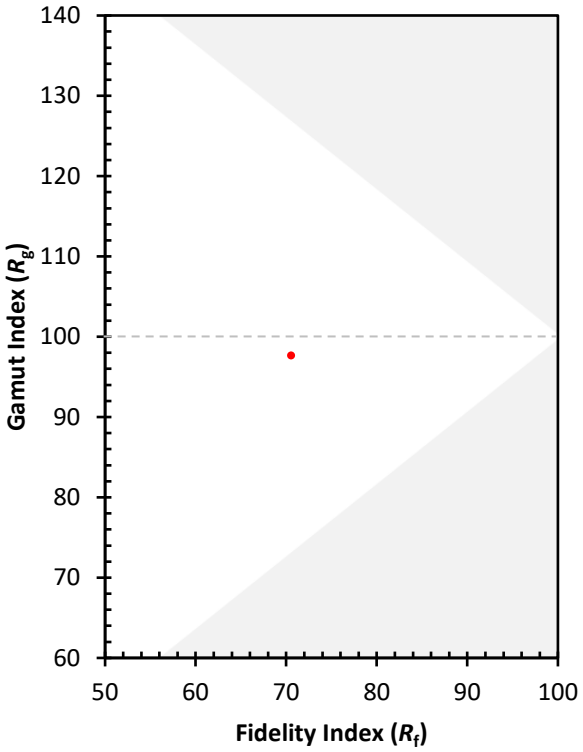


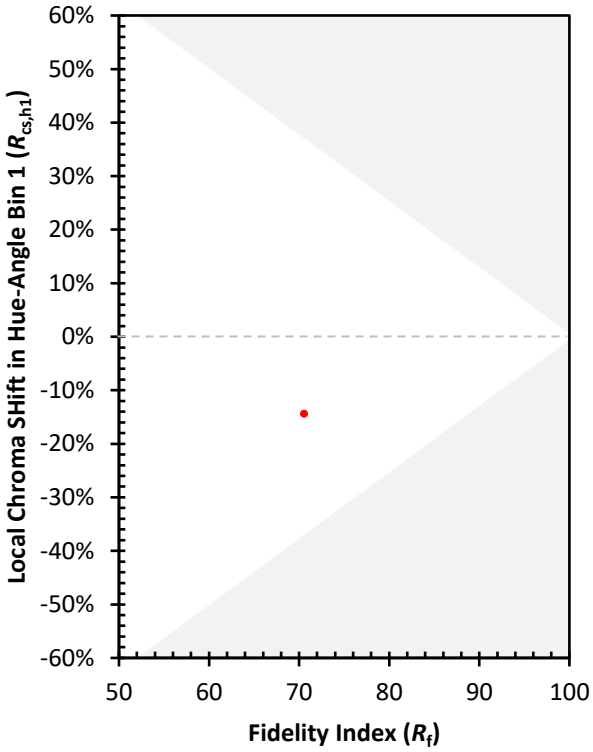


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Measure Comparisons





(END OF REPORT)