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: P1364938

Luminaire Tested: **GSS-SB1D-727-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364938
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(26) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8188.9 lumens
Efficiency:	N/A
Efficacy:	107.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

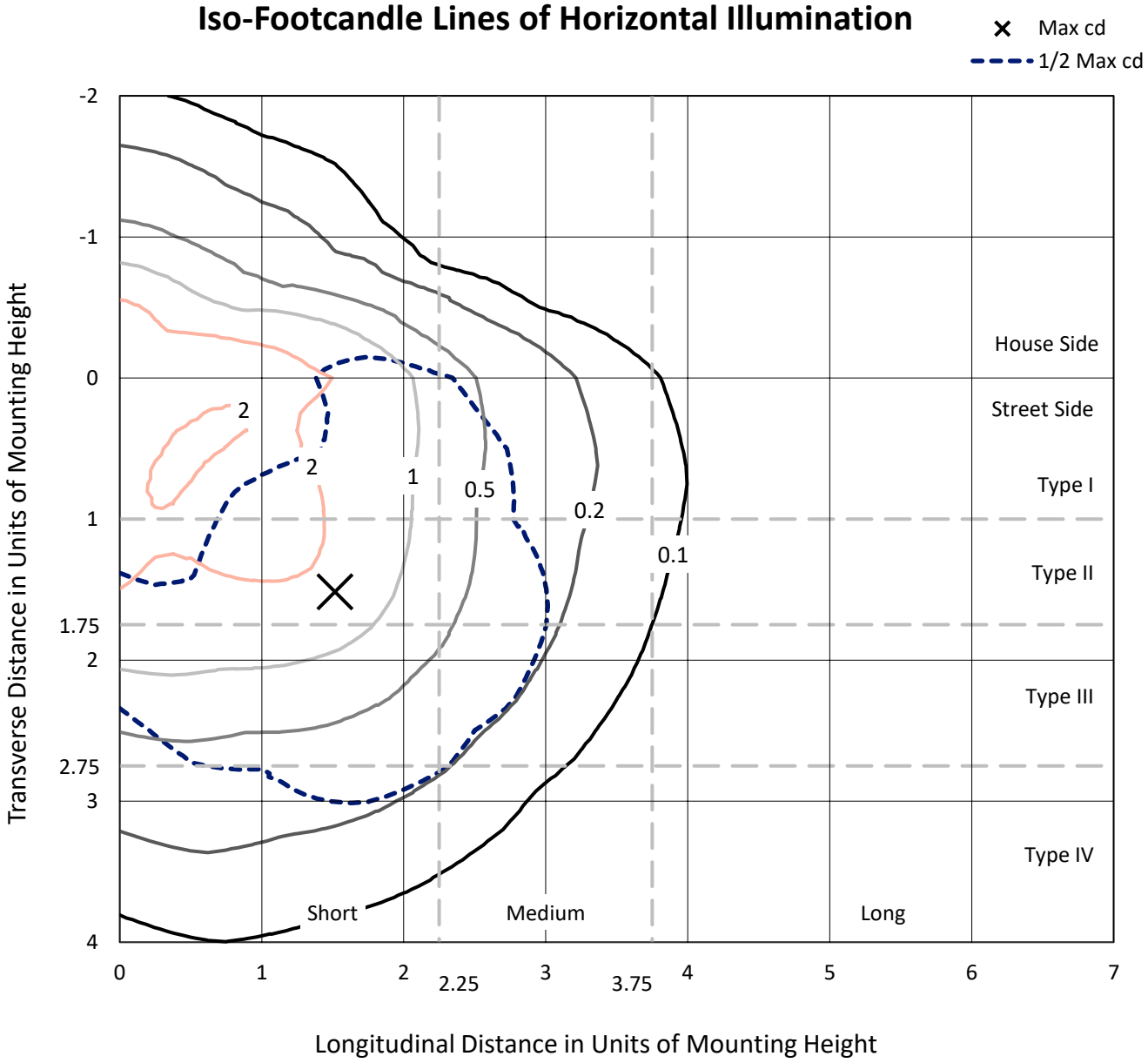
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



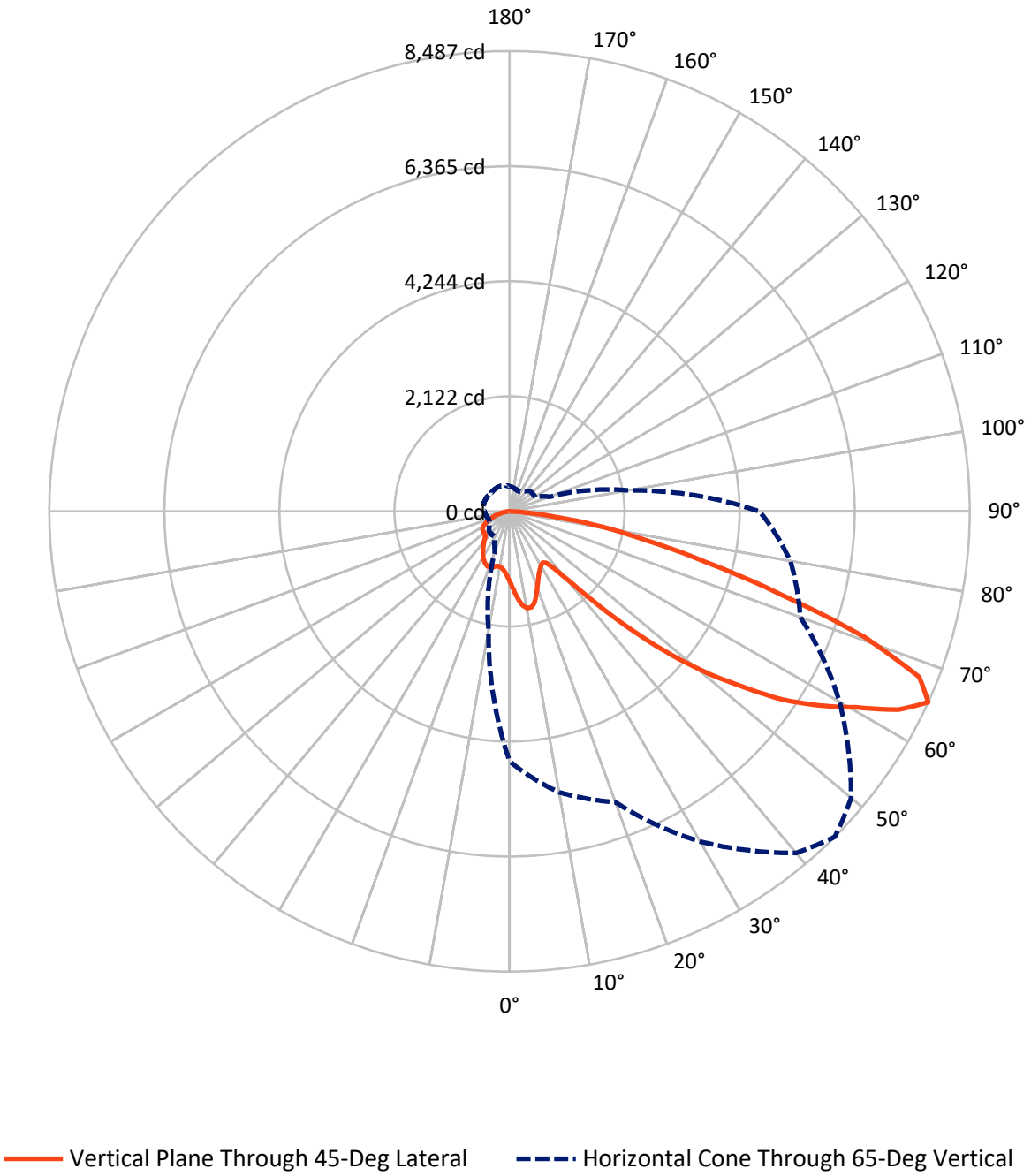
Based on 20 foot mounting height. Maximum calculated value = 4.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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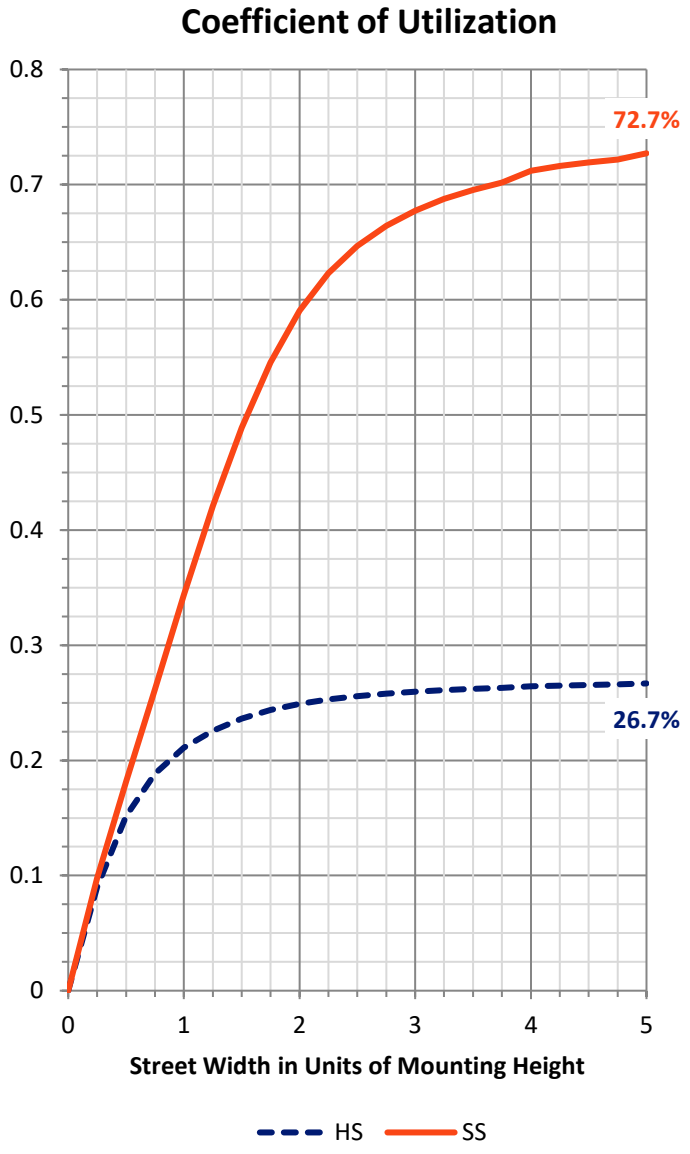
REPORT NUMBER: P1364938
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2203.0	0.0	2203.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	5985.9	0.0	5985.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	8188.9	0.0	8188.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.9	1.6
10°-20°	395.1	4.8
20°-30°	611.5	7.5
30°-40°	758.7	9.3
40°-50°	1109.4	13.5
50°-60°	1737.8	21.2
60°-70°	2062.0	25.2
70°-80°	1202.6	14.7
80°-90°	183.0	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°	8188.9	100.0
0°-180°	8188.9	100.0



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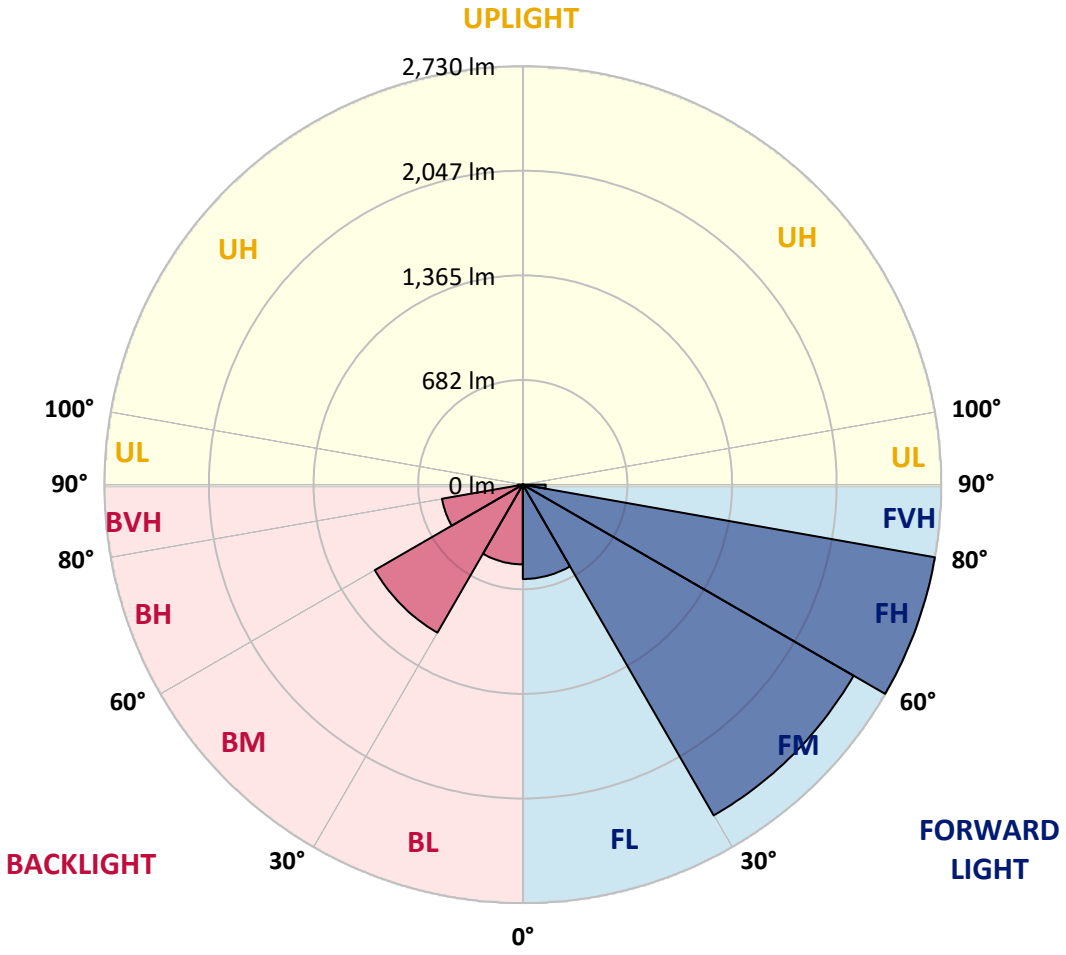
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	615.5	7.5			
FM	(30°-60°)	2491.2	30.4			
FH	(60°-80°)	2729.6	33.3			G2/5000
FVH	(80°-90°)	149.6	1.8			G2/225
BL	(0°-30°)	520.1	6.4	B2/1000		
BM	(30°-60°)	1114.6	13.6	B2/2500		
BH	(60°-80°)	535.0	6.5	B2/1000		G2/1000
BVH	(80°-90°)	33.3	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°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	*1305.7*	1305.7
2.5°	1410.9	1415.9	1420.9	1426.3	1431.9	1435.1	1438.3	1441.7	1444.9	*1447.9*	1444.9
5°	1507.0	1529.6	1552.1	1567.3	1582.5	1594.1	1605.7	1612.4	1619.2	*1620.2*	1619.2
7.5°	1604.1	1631.0	1657.8	1681.0	1704.3	1719.1	1733.9	1742.5	1751.3	*1754.3*	1751.3
10°	1665.2	1696.7	1728.3	1750.7	1773.4	1787.2	1800.8	1807.6	1814.4	*1816.4*	1814.4
12.5°	1696.3	1726.5	1756.7	1774.2	1791.4	1800.2	1808.8	1812.0	1814.8	*1812.4*	1814.8
15°	1711.3	1729.1	1746.7	1754.1	1761.4	1757.1	1752.7	1746.5	1740.3	*1736.3*	1740.3
17.5°	1715.3	1721.5	1727.9	1714.5	1701.3	1677.2	1653.2	1635.2	1617.2	*1604.1*	1617.2
20°	1728.3	1718.3	1708.3	1672.6	1637.2	1592.1	1547.1	1516.8	1486.4	*1468.0*	1486.4
22.5°	1742.3	1714.1	1685.9	1626.0	1566.1	1504.4	1442.9	1408.1	1373.4	*1353.8*	1373.4
25°	1764.4	1715.9	1667.2	1586.3	1505.6	1433.1	1360.8	1323.0	1285.3	*1263.7*	1285.3
27.5°	1796.4	1722.3	1648.2	1548.1	1447.9	1369.4	1290.7	1254.7	1218.6	*1199.6*	1218.6
30°	1841.5	1743.1	1644.6	1524.8	1404.9	1322.8	1240.7	1205.4	1170.0	*1149.5*	1170.0
32.5°	1896.5	1772.4	1648.2	1514.0	1379.8	1296.1	1212.6	1178.8	1145.1	*1127.5*	1145.1
35°	1989.7	1832.4	1675.2	1526.4	1377.8	1300.1	1222.6	1197.8	1173.2	*1163.6*	1173.2
37.5°	2107.8	1924.2	1740.3	1587.1	1433.9	1381.0	1328.2	1328.2	1328.2	*1335.8*	1328.2
40°	2282.0	2075.8	1869.5	1724.5	1579.7	1576.5	1573.7	1607.3	1641.2	*1656.2*	1641.2
42.5°	2526.4	2308.3	2090.4	1973.4	1856.5	1926.6	1996.7	2094.0	2191.3	*2255.0*	2191.3
45°	2829.8	2617.5	2405.2	2323.5	2242.0	2398.0	2553.8	2725.8	2897.9	*3020.0*	2897.9
47.5°	3120.2	2941.5	2762.7	2716.0	2669.6	2928.9	3188.3	3440.4	3692.5	*3841.1*	3692.5
50°	3456.6	3296.0	3135.2	3126.2	3117.2	3462.6	3808.1	4133.5	4459.0	*4640.2*	4459.0
52.5°	3888.2	3711.8	3535.1	3542.3	3549.1	3959.5	4369.8	4763.4	5156.9	*5361.2*	5156.9
55°	4403.9	4182.6	3961.3	3960.1	3958.9	4430.3	4902.2	5385.6	5869.4	*6142.2*	5869.4
57.5°	4929.6	4722.3	4515.0	4465.8	4416.3	4909.4	5402.2	5936.1	6470.2	*6757.0*	6470.2
60°	5324.1	5210.0	5095.8	5016.9	4938.2	5444.5	5951.0	6502.5	7053.8	*7339.8*	7053.8
62.5°	5160.9	5365.0	5569.0	5563.2	5557.4	6104.0	6650.5	7224.1	7798.0	*8054.8*	7798.0
65°	*4610.2*	*4935.6*	*5261.0*	*5484.9*	*5708.6*	*6369.3*	*7029.8*	*7627.4*	*8225.0*	*8487.3*	*8225.0*
67.5°	4093.5	4380.3	4667.2	4850.5	5033.7	5778.1	6522.7	7200.8	7878.9	*8148.9*	7878.9
70°	3598.8	3916.4	4234.1	4365.0	4496.0	5128.5	5760.7	6297.2	6833.5	*6939.3*	6833.5
72.5°	3089.1	3466.8	3844.7	3900.2	3955.7	4415.9	4876.1	5161.9	5447.7	*5217.0*	5447.7
75°	2529.4	2955.5	3381.5	3418.6	3455.6	3599.0	3742.6	3815.3	3888.2	*3757.0*	3888.2
77.5°	1682.2	2051.1	2420.2	2503.3	2586.5	2682.0	2777.7	2772.7	2767.7	*2583.5*	2767.7
80°	987.3	1275.9	1564.5	1575.3	1586.1	1657.8	1729.3	1802.4	1875.5	*1758.3*	1875.5
82.5°	493.7	652.1	810.7	835.1	859.5	903.4	947.3	967.7	988.3	*889.2*	988.3
85°	112.1	153.4	194.7	234.5	274.4	320.4	366.5	361.3	356.1	*300.4*	356.1
87.5°	9.0	9.2	9.6	9.8	10.0	10.2	10.4	11.0	11.6	*12.0*	11.6
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7
2.5°	1441.7	1438.3	1435.1	1431.9	1426.3	1420.9	1415.9	1410.9	1398.1	1385.5	1373.8
5°	1612.4	1605.7	1594.1	1582.5	1567.3	1552.1	1529.6	1507.0	1484.4	1462.0	1438.3
7.5°	1742.5	1733.9	1719.1	1704.3	1681.0	1657.8	1631.0	1604.1	1566.1	1528.0	1492.2
10°	1807.6	1800.8	1787.2	1773.4	1750.7	1728.3	1696.7	1665.2	1619.8	1574.1	1529.6
12.5°	1812.0	1808.8	1800.2	1791.4	1774.2	1756.7	1726.5	1696.3	1651.0	1605.7	1555.9
15°	1746.5	1752.7	1757.1	1761.4	1754.1	1746.7	1729.1	1711.3	1665.4	1619.8	1569.1
17.5°	1635.2	1653.2	1677.2	1701.3	1714.5	1727.9	1721.5	1715.3	1672.4	1629.8	1575.7
20°	1516.8	1547.1	1592.1	1637.2	1672.6	1708.3	1718.3	1728.3	1685.1	1641.8	1583.7
22.5°	1408.1	1442.9	1504.4	1566.1	1626.0	1685.9	1714.1	1742.3	1702.7	1663.2	1599.3
25°	1323.0	1360.8	1433.1	1505.6	1586.3	1667.2	1715.9	1764.4	1730.1	1695.9	1626.2
27.5°	1254.7	1290.7	1369.4	1447.9	1548.1	1648.2	1722.3	1796.4	1770.2	1743.9	1665.4
30°	1205.4	1240.7	1322.8	1404.9	1524.8	1644.6	1743.1	1841.5	1820.8	1800.4	1711.9
32.5°	1178.8	1212.6	1296.1	1379.8	1514.0	1648.2	1772.4	1896.5	1883.7	1870.9	1766.6
35°	1197.8	1222.6	1300.1	1377.8	1526.4	1675.2	1832.4	1989.7	1973.6	1957.6	1824.6
37.5°	1328.2	1328.2	1381.0	1433.9	1587.1	1740.3	1924.2	2107.8	2088.8	2069.8	1895.5
40°	1607.3	1573.7	1576.5	1579.7	1724.5	1869.5	2075.8	2282.0	2244.6	2206.9	1976.6
42.5°	2094.0	1996.7	1926.6	1856.5	1973.4	2090.4	2308.3	2526.4	2447.1	2367.6	2066.4
45°	2725.8	2553.8	2398.0	2242.0	2323.5	2405.2	2617.5	2829.8	2702.6	2575.4	2188.1
47.5°	3440.4	3188.3	2928.9	2669.6	2716.0	2762.7	2941.5	3120.2	2959.2	2798.1	2313.3
50°	4133.5	3808.1	3462.6	3117.2	3126.2	3135.2	3296.0	3456.6	3238.3	3020.0	2422.4
52.5°	4763.4	4369.8	3959.5	3549.1	3542.3	3535.1	3711.8	3888.2	3541.5	3194.7	2474.1
55°	5385.6	4902.2	4430.3	3958.9	3960.1	3961.3	4182.6	4403.9	3846.1	3288.4	2460.5
57.5°	5936.1	5402.2	4909.4	4416.3	4465.8	4515.0	4722.3	4929.6	4101.9	3274.4	2386.2
60°	6502.5	5951.0	5444.5	4938.2	5016.9	5095.8	5210.0	5324.1	4216.4	3108.6	2208.2
62.5°	7224.1	6650.5	6104.0	5557.4	5563.2	5569.0	5365.0	5160.9	3962.3	2763.7	1916.4
65°	*7627.4*	*7029.8*	*6369.3*	*5708.6*	*5484.9*	*5261.0*	*4935.6*	*4610.2*	*3417.6*	*2225.0*	*1503.2*
67.5°	7200.8	6522.7	5778.1	5033.7	4850.5	4667.2	4380.3	4093.5	2935.1	1776.8	1169.8
70°	6297.2	5760.7	5128.5	4496.0	4365.0	4234.1	3916.4	3598.8	2493.5	1388.3	896.4
72.5°	5161.9	4876.1	4415.9	3955.7	3900.2	3844.7	3466.8	3089.1	2070.6	1051.8	673.9
75°	3815.3	3742.6	3599.0	3455.6	3418.6	3381.5	2955.5	2529.4	1653.2	777.0	499.5
77.5°	2772.7	2777.7	2682.0	2586.5	2503.3	2420.2	2051.1	1682.2	1084.6	487.1	322.8
80°	1802.4	1729.3	1657.8	1586.1	1575.3	1564.5	1275.9	987.3	621.8	256.3	178.4
82.5°	967.7	947.3	903.4	859.5	835.1	810.7	652.1	493.7	311.6	129.8	95.9
85°	361.3	366.5	320.4	274.4	234.5	194.7	153.4	112.1	74.1	36.0	30.4
87.5°	11.0	10.4	10.2	10.0	9.8	9.6	9.2	9.0	8.8	8.4	8.2
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°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7
2.5°	1362.2	1350.6	1338.8	1327.6	1316.2	1304.7	1294.7	1283.9	1273.3	1264.9	1256.7
5°	1414.9	1391.9	1368.8	1347.0	1325.4	1302.7	1283.3	1264.1	1245.3	1229.6	1214.0
7.5°	1456.3	1424.3	1392.3	1363.6	1334.8	1304.7	1281.3	1257.9	1234.6	1214.4	1194.0
10°	1485.0	1445.5	1405.9	1372.8	1339.8	1307.7	1282.7	1258.1	1233.6	1212.8	1192.0
12.5°	1506.0	1461.8	1417.5	1381.0	1344.8	1309.8	1285.3	1264.9	1244.7	1230.0	1215.6
15°	1518.4	1470.8	1422.9	1381.8	1340.8	1301.7	1280.1	1266.9	1253.7	1252.5	1251.3
17.5°	1521.6	1467.2	1412.9	1365.0	1317.4	1271.7	1253.3	1251.5	1249.7	1269.5	1289.3
20°	1525.6	1461.8	1397.9	1335.0	1272.1	1211.6	1200.0	1211.4	1222.6	1261.5	1300.1
22.5°	1535.7	1457.5	1379.4	1300.5	1221.6	1149.5	1138.5	1155.3	1172.0	1222.6	1273.3
25°	1556.5	1457.1	1357.8	1259.5	1161.2	1078.4	1077.4	1095.7	1113.9	1160.8	1207.6
27.5°	1587.1	1461.0	1334.8	1217.4	1099.9	1015.4	1020.4	1037.8	1055.4	1090.3	1125.1
30°	1623.2	1469.2	1315.4	1180.8	1046.4	964.3	969.7	983.3	996.9	1022.2	1047.4
32.5°	1662.2	1478.4	1294.7	1148.7	1002.9	927.2	927.2	933.0	938.9	955.3	971.7
35°	1691.9	1476.2	1260.7	1112.3	963.7	905.2	892.8	888.0	883.2	894.0	904.8
37.5°	1721.3	1470.0	1218.6	1071.8	925.2	879.2	855.5	842.7	829.5	834.7	839.5
40°	1746.3	1455.9	1165.6	1023.6	881.6	845.1	815.5	796.3	777.0	776.6	776.0
42.5°	1764.8	1431.7	1098.5	966.1	833.5	808.1	771.4	747.0	722.6	720.0	717.4
45°	1800.8	1415.1	1029.4	907.6	786.1	763.0	726.6	701.3	676.5	672.5	668.5
47.5°	1828.4	1395.7	962.9	849.5	736.6	709.9	675.9	654.5	632.8	630.4	627.8
50°	1824.8	1362.6	900.2	797.9	695.3	658.9	625.2	607.6	589.8	592.8	595.8
52.5°	1753.3	1294.9	836.7	751.4	666.5	619.8	583.8	570.6	557.1	566.6	575.8
55°	1632.6	1205.2	777.4	712.6	647.3	600.8	558.3	543.5	528.7	541.9	555.1
57.5°	1498.0	1111.3	724.6	679.7	634.8	595.8	543.7	522.9	502.3	515.5	528.7
60°	1307.7	992.5	677.3	645.9	614.4	583.8	531.7	505.7	479.6	488.5	497.1
62.5°	1069.0	841.9	614.8	597.2	579.8	566.8	517.1	483.0	449.0	450.2	451.0
65°	*781.4*	*661.7*	*541.7*	*537.9*	*534.3*	*530.7*	*489.7*	*453.0*	*416.6*	*412.6*	*408.5*
67.5°	562.8	505.9	449.0	459.6	470.2	475.6	447.6	415.4	382.9	374.7	366.5
70°	404.5	384.5	364.5	380.3	396.1	394.5	380.9	361.7	342.5	337.3	332.0
72.5°	296.0	295.6	295.4	307.4	319.4	303.4	312.0	307.6	303.4	299.6	296.0
75°	221.9	220.5	219.3	233.5	247.9	254.3	259.9	257.5	255.3	252.5	249.9
77.5°	158.6	159.8	160.6	176.2	191.9	210.3	211.3	206.1	200.7	197.9	194.7
80°	100.5	101.7	102.5	119.0	135.2	161.2	160.2	153.8	147.2	145.0	142.6
82.5°	62.1	62.3	62.5	70.5	78.5	93.1	97.1	97.1	97.1	95.7	94.1
85°	25.0	26.2	27.6	32.8	38.1	46.1	48.5	48.9	49.1	46.9	44.5
87.5°	8.0	8.4	9.0	10.0	11.0	12.0	14.0	15.2	16.4	17.6	18.4
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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Peachtree City, GA 30269

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REPORT NUMBER: P1364938
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7
2.5°	1249.5	1242.1	1233.4	1224.6	1218.4	1212.0	1207.8	1203.6	1201.6	1199.6	1198.0
5°	1201.2	1188.0	1176.4	1164.6	1155.3	1145.9	1138.3	1130.5	1127.3	1123.9	1121.7
7.5°	1176.8	1159.5	1145.1	1130.5	1116.7	1103.1	1094.3	1085.5	1080.2	1075.0	1071.2
10°	1173.8	1155.5	1136.5	1117.5	1102.3	1087.1	1073.8	1061.0	1053.6	1046.4	1042.4
12.5°	1198.8	1182.0	1159.3	1136.5	1115.9	1095.5	1079.2	1063.0	1053.8	1045.0	1039.0
15°	1245.5	1239.7	1218.6	1197.6	1169.2	1140.5	1117.3	1093.9	1081.0	1067.8	1060.4
17.5°	1300.7	1312.2	1297.5	1282.7	1242.7	1202.6	1168.0	1133.5	1114.7	1095.9	1089.3
20°	1331.0	1361.8	1360.2	1358.8	1306.5	1254.1	1208.6	1163.2	1137.9	1113.1	1103.1
22.5°	1317.8	1362.2	1373.6	1384.9	1333.6	1282.1	1226.0	1170.0	1140.3	1110.5	1101.1
25°	1255.5	1303.3	1324.6	1345.8	1303.5	1261.3	1206.8	1152.5	1121.3	1089.9	1080.2
27.5°	1163.6	1202.0	1225.8	1249.7	1223.8	1198.0	1153.9	1109.9	1082.2	1054.4	1044.2
30°	1073.4	1099.5	1118.5	1137.5	1120.5	1103.5	1071.8	1040.4	1019.8	999.3	992.9
32.5°	991.1	1010.4	1021.0	1031.4	1018.2	1004.9	984.1	963.3	950.5	937.7	933.4
35°	920.4	936.3	944.3	952.3	941.3	930.2	911.6	893.2	884.0	874.8	871.4
37.5°	852.9	866.2	877.6	889.2	881.2	873.2	857.3	841.5	830.7	819.5	813.5
40°	788.9	801.5	815.9	830.1	828.7	827.1	812.1	797.1	781.4	766.0	757.8
42.5°	730.0	742.6	757.8	773.0	776.0	779.0	766.6	754.0	736.0	718.0	705.3
45°	679.3	690.5	707.1	724.0	731.0	738.0	726.8	715.4	695.1	674.9	659.9
47.5°	639.3	650.9	669.3	687.9	695.3	702.9	695.3	687.9	670.5	652.9	639.7
50°	608.4	620.8	635.2	649.9	663.7	677.3	675.9	674.5	660.7	646.9	634.4
52.5°	587.2	598.8	613.8	628.8	643.3	657.9	660.1	662.5	652.5	642.5	631.6
55°	569.0	582.8	596.8	610.8	624.4	637.9	640.9	643.9	636.7	629.2	621.2
57.5°	543.7	558.7	572.8	586.8	602.6	618.4	620.8	623.2	615.6	607.8	601.8
60°	512.5	527.7	542.3	556.7	572.8	588.8	592.0	595.2	589.2	583.2	577.6
62.5°	468.4	485.6	497.7	509.7	524.9	540.3	544.9	549.7	546.9	544.3	537.9
65°	*425.0*	*441.6*	*451.0*	*460.6*	*473.8*	*487.1*	*491.7*	*496.3*	*494.9*	*493.7*	*489.1*
67.5°	381.7	396.9	404.7	412.6	421.6	430.6	435.8	441.0	438.4	435.6	430.8
70°	344.5	356.9	363.7	370.5	377.7	384.9	387.7	390.5	386.5	382.5	371.7
72.5°	305.4	314.8	320.6	326.4	333.2	340.1	341.7	343.5	337.3	330.8	318.2
75°	257.1	264.4	268.8	273.4	280.4	287.4	290.4	293.4	284.6	276.0	262.6
77.5°	201.3	207.9	212.1	216.3	222.1	227.9	228.7	229.9	222.3	214.7	206.7
80°	147.4	152.2	153.8	155.2	160.0	164.6	164.6	164.6	159.0	153.2	149.2
82.5°	93.1	92.1	90.1	88.1	92.9	97.7	99.3	101.1	98.5	96.1	91.7
85°	41.7	38.5	37.9	37.0	36.8	36.4	37.9	39.1	38.5	38.1	36.4
87.5°	19.6	20.4	19.8	19.0	18.2	17.6	16.0	14.4	13.2	12.0	11.2
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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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7
2.5°	1196.6	1195.6	1196.6	1198.0	1199.6	1201.6	1203.6	1207.8	1212.0	1218.4	1224.6
5°	1119.5	1117.5	1119.5	1121.7	1123.9	1127.3	1130.5	1138.3	1145.9	1155.3	1164.6
7.5°	1067.4	1065.4	1067.4	1071.2	1075.0	1080.2	1085.5	1094.3	1103.1	1116.7	1130.5
10°	1038.4	1035.4	1038.4	1042.4	1046.4	1053.6	1061.0	1073.8	1087.1	1102.3	1117.5
12.5°	1033.0	1029.4	1033.0	1039.0	1045.0	1053.8	1063.0	1079.2	1095.5	1115.9	1136.5
15°	1053.0	1047.4	1053.0	1060.4	1067.8	1081.0	1093.9	1117.3	1140.5	1169.2	1197.6
17.5°	1082.4	1079.4	1082.4	1089.3	1095.9	1114.7	1133.5	1168.0	1202.6	1242.7	1282.7
20°	1093.1	1089.5	1093.1	1103.1	1113.1	1137.9	1163.2	1208.6	1254.1	1306.5	1358.8
22.5°	1091.5	1087.5	1091.5	1101.1	1110.5	1140.3	1170.0	1226.0	1282.1	1333.6	1384.9
25°	1070.4	1067.4	1070.4	1080.2	1089.9	1121.3	1152.5	1206.8	1261.3	1303.5	1345.8
27.5°	1033.8	1027.4	1033.8	1044.2	1054.4	1082.2	1109.9	1153.9	1198.0	1223.8	1249.7
30°	986.3	983.3	986.3	992.9	999.3	1019.8	1040.4	1071.8	1103.5	1120.5	1137.5
32.5°	929.2	927.2	929.2	933.4	937.7	950.5	963.3	984.1	1004.9	1018.2	1031.4
35°	868.2	865.2	868.2	871.4	874.8	884.0	893.2	911.6	930.2	941.3	952.3
37.5°	807.5	803.1	807.5	813.5	819.5	830.7	841.5	857.3	873.2	881.2	889.2
40°	749.4	745.0	749.4	757.8	766.0	781.4	797.1	812.1	827.1	828.7	830.1
42.5°	692.9	684.9	692.9	705.3	718.0	736.0	754.0	766.6	779.0	776.0	773.0
45°	644.9	634.8	644.9	659.9	674.9	695.1	715.4	726.8	738.0	731.0	724.0
47.5°	626.4	616.8	626.4	639.7	652.9	670.5	687.9	695.3	702.9	695.3	687.9
50°	621.8	612.8	621.8	634.4	646.9	660.7	674.5	675.9	677.3	663.7	649.9
52.5°	620.8	612.8	620.8	631.6	642.5	652.5	662.5	660.1	657.9	643.3	628.8
55°	613.2	606.8	613.2	621.2	629.2	636.7	643.9	640.9	637.9	624.4	610.8
57.5°	595.8	592.8	595.8	601.8	607.8	615.6	623.2	620.8	618.4	602.6	586.8
60°	571.8	566.8	571.8	577.6	583.2	589.2	595.2	592.0	588.8	572.8	556.7
62.5°	531.7	524.7	531.7	537.9	544.3	546.9	549.7	544.9	540.3	524.9	509.7
65°	*484.6*	*476.6*	*484.6*	*489.1*	*493.7*	*494.9*	*496.3*	*491.7*	*487.1*	*473.8*	*460.6*
67.5°	426.2	424.6	426.2	430.8	435.6	438.4	441.0	435.8	430.6	421.6	412.6
70°	360.9	348.5	360.9	371.7	382.5	386.5	390.5	387.7	384.9	377.7	370.5
72.5°	305.4	292.4	305.4	318.2	330.8	337.3	343.5	341.7	340.1	333.2	326.4
75°	249.3	240.3	249.3	262.6	276.0	284.6	293.4	290.4	287.4	280.4	273.4
77.5°	198.7	194.3	198.7	206.7	214.7	222.3	229.9	228.7	227.9	222.1	216.3
80°	145.2	142.2	145.2	149.2	153.2	159.0	164.6	164.6	164.6	160.0	155.2
82.5°	87.1	84.1	87.1	91.7	96.1	98.5	101.1	99.3	97.7	92.9	88.1
85°	35.0	34.0	35.0	36.4	38.1	38.5	39.1	37.9	36.4	36.8	37.0
87.5°	10.4	10.0	10.4	11.2	12.0	13.2	14.4	16.0	17.6	18.2	19.0
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7
2.5°	1233.4	1242.1	1249.5	1256.7	1264.9	1273.3	1283.9	1294.7	1304.7	1316.2	1327.6
5°	1176.4	1188.0	1201.2	1214.0	1229.6	1245.3	1264.1	1283.3	1302.7	1325.4	1347.0
7.5°	1145.1	1159.5	1176.8	1194.0	1214.4	1234.6	1257.9	1281.3	1304.7	1334.8	1363.6
10°	1136.5	1155.5	1173.8	1192.0	1212.8	1233.6	1258.1	1282.7	1307.7	1339.8	1372.8
12.5°	1159.3	1182.0	1198.8	1215.6	1230.0	1244.7	1264.9	1285.3	1309.8	1344.8	1381.0
15°	1218.6	1239.7	1245.5	1251.3	1252.5	1253.7	1266.9	1280.1	1301.7	1340.8	1381.8
17.5°	1297.5	1312.2	1300.7	1289.3	1269.5	1249.7	1251.5	1253.3	1271.7	1317.4	1365.0
20°	1360.2	1361.8	1331.0	1300.1	1261.5	1222.6	1211.4	1200.0	1211.6	1272.1	1335.0
22.5°	1373.6	1362.2	1317.8	1273.3	1222.6	1172.0	1155.3	1138.5	1149.5	1221.6	1300.5
25°	1324.6	1303.3	1255.5	1207.6	1160.8	1113.9	1095.7	1077.4	1078.4	1161.2	1259.5
27.5°	1225.8	1202.0	1163.6	1125.1	1090.3	1055.4	1037.8	1020.4	1015.4	1099.9	1217.4
30°	1118.5	1099.5	1073.4	1047.4	1022.2	996.9	983.3	969.7	964.3	1046.4	1180.8
32.5°	1021.0	1010.4	991.1	971.7	955.3	938.9	933.0	927.2	927.2	1002.9	1148.7
35°	944.3	936.3	920.4	904.8	894.0	883.2	888.0	892.8	905.2	963.7	1112.3
37.5°	877.6	866.2	852.9	839.5	834.7	829.5	842.7	855.5	879.2	925.2	1071.8
40°	815.9	801.5	788.9	776.0	776.6	777.0	796.3	815.5	845.1	881.6	1023.6
42.5°	757.8	742.6	730.0	717.4	720.0	722.6	747.0	771.4	808.1	833.5	966.1
45°	707.1	690.5	679.3	668.5	672.5	676.5	701.3	726.6	763.0	786.1	907.6
47.5°	669.3	650.9	639.3	627.8	630.4	632.8	654.5	675.9	709.9	736.6	849.5
50°	635.2	620.8	608.4	595.8	592.8	589.8	607.6	625.2	658.9	695.3	797.9
52.5°	613.8	598.8	587.2	575.8	566.6	557.1	570.6	583.8	619.8	666.5	751.4
55°	596.8	582.8	569.0	555.1	541.9	528.7	543.5	558.3	600.8	647.3	712.6
57.5°	572.8	558.7	543.7	528.7	515.5	502.3	522.9	543.7	595.8	634.8	679.7
60°	542.3	527.7	512.5	497.1	488.5	479.6	505.7	531.7	583.8	614.4	645.9
62.5°	497.7	485.6	468.4	451.0	450.2	449.0	483.0	517.1	566.8	579.8	597.2
65°	*451.0*	*441.6*	*425.0*	*408.5*	*412.6*	*416.6*	*453.0*	*489.7*	*530.7*	*534.3*	*537.9*
67.5°	404.7	396.9	381.7	366.5	374.7	382.9	415.4	447.6	475.6	470.2	459.6
70°	363.7	356.9	344.5	332.0	337.3	342.5	361.7	380.9	394.5	396.1	380.3
72.5°	320.6	314.8	305.4	296.0	299.6	303.4	307.6	312.0	303.4	319.4	307.4
75°	268.8	264.4	257.1	249.9	252.5	255.3	257.5	259.9	254.3	247.9	233.5
77.5°	212.1	207.9	201.3	194.7	197.9	200.7	206.1	211.3	210.3	191.9	176.2
80°	153.8	152.2	147.4	142.6	145.0	147.2	153.8	160.2	161.2	135.2	119.0
82.5°	90.1	92.1	93.1	94.1	95.7	97.1	97.1	97.1	93.1	78.5	70.5
85°	37.9	38.5	41.7	44.5	46.9	49.1	48.9	48.5	46.1	38.1	32.8
87.5°	19.8	20.4	19.6	18.4	17.6	16.4	15.2	14.0	12.0	11.0	10.0
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°	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7	1305.7
2.5°	1338.8	1350.6	1362.2	1373.8	1385.5	1398.1	1410.9
5°	1368.8	1391.9	1414.9	1438.3	1462.0	1484.4	1507.0
7.5°	1392.3	1424.3	1456.3	1492.2	1528.0	1566.1	1604.1
10°	1405.9	1445.5	1485.0	1529.6	1574.1	1619.8	1665.2
12.5°	1417.5	1461.8	1506.0	1555.9	1605.7	1651.0	1696.3
15°	1422.9	1470.8	1518.4	1569.1	1619.8	1665.4	1711.3
17.5°	1412.9	1467.2	1521.6	1575.7	1629.8	1672.4	1715.3
20°	1397.9	1461.8	1525.6	1583.7	1641.8	1685.1	1728.3
22.5°	1379.4	1457.5	1535.7	1599.3	1663.2	1702.7	1742.3
25°	1357.8	1457.1	1556.5	1626.2	1695.9	1730.1	1764.4
27.5°	1334.8	1461.0	1587.1	1665.4	1743.9	1770.2	1796.4
30°	1315.4	1469.2	1623.2	1711.9	1800.4	1820.8	1841.5
32.5°	1294.7	1478.4	1662.2	1766.6	1870.9	1883.7	1896.5
35°	1260.7	1476.2	1691.9	1824.6	1957.6	1973.6	1989.7
37.5°	1218.6	1470.0	1721.3	1895.5	2069.8	2088.8	2107.8
40°	1165.6	1455.9	1746.3	1976.6	2206.9	2244.6	2282.0
42.5°	1098.5	1431.7	1764.8	2066.4	2367.6	2447.1	2526.4
45°	1029.4	1415.1	1800.8	2188.1	2575.4	2702.6	2829.8
47.5°	962.9	1395.7	1828.4	2313.3	2798.1	2959.2	3120.2
50°	900.2	1362.6	1824.8	2422.4	3020.0	3238.3	3456.6
52.5°	836.7	1294.9	1753.3	2474.1	3194.7	3541.5	3888.2
55°	777.4	1205.2	1632.6	2460.5	3288.4	3846.1	4403.9
57.5°	724.6	1111.3	1498.0	2386.2	3274.4	4101.9	4929.6
60°	677.3	992.5	1307.7	2208.2	3108.6	4216.4	5324.1
62.5°	614.8	841.9	1069.0	1916.4	2763.7	3962.3	5160.9
65°	*541.7*	*661.7*	*781.4*	*1503.2*	*2225.0*	*3417.6*	*4610.2*
67.5°	449.0	505.9	562.8	1169.8	1776.8	2935.1	4093.5
70°	364.5	384.5	404.5	896.4	1388.3	2493.5	3598.8
72.5°	295.4	295.6	296.0	673.9	1051.8	2070.6	3089.1
75°	219.3	220.5	221.9	499.5	777.0	1653.2	2529.4
77.5°	160.6	159.8	158.6	322.8	487.1	1084.6	1682.2
80°	102.5	101.7	100.5	178.4	256.3	621.8	987.3
82.5°	62.5	62.3	62.1	95.9	129.8	311.6	493.7
85°	27.6	26.2	25.0	30.4	36.0	74.1	112.1
87.5°	9.0	8.4	8.0	8.2	8.4	8.8	9.0
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

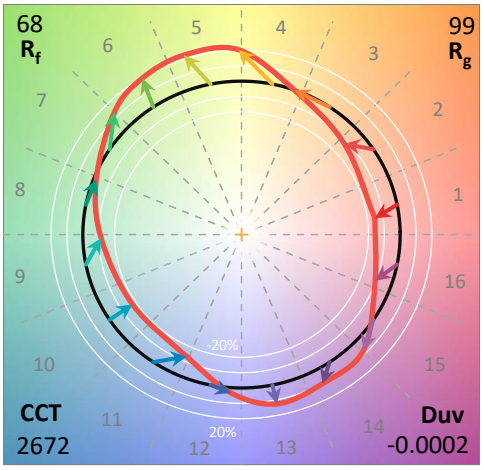
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



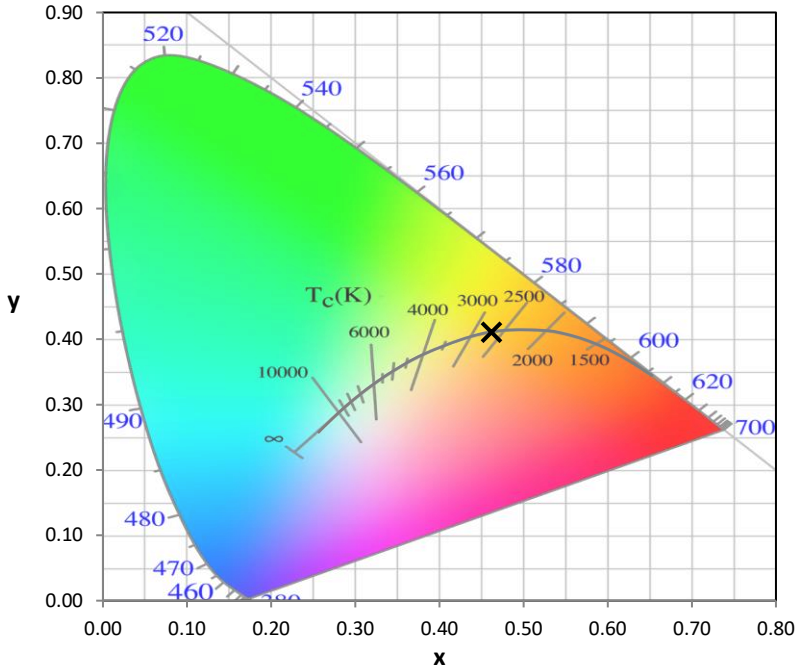
Test Conditions

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

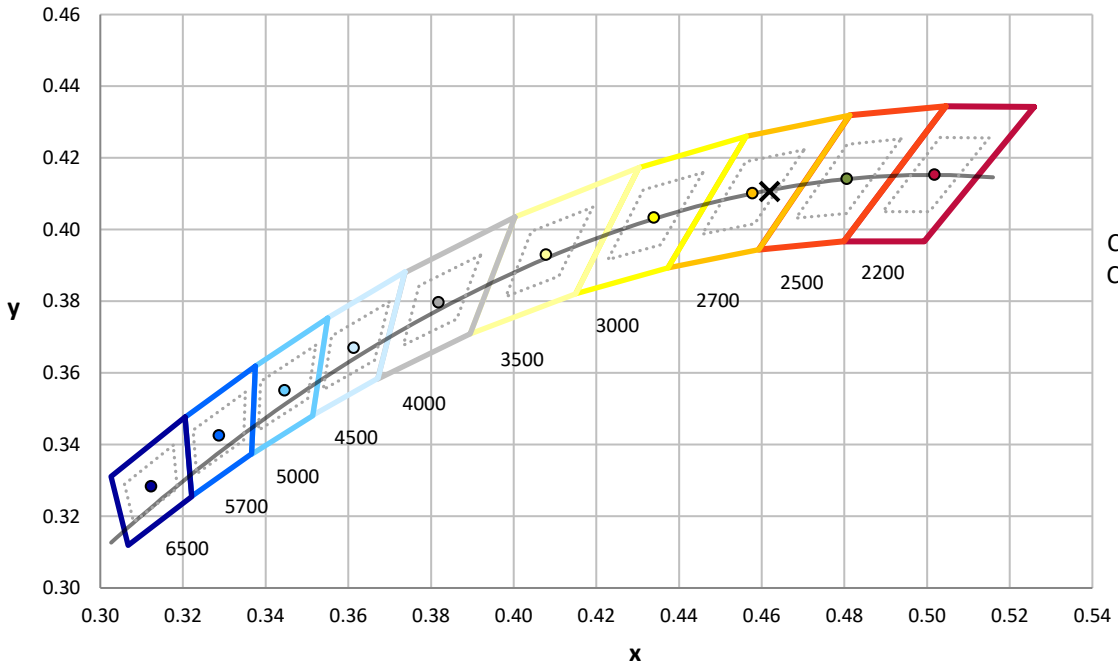
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

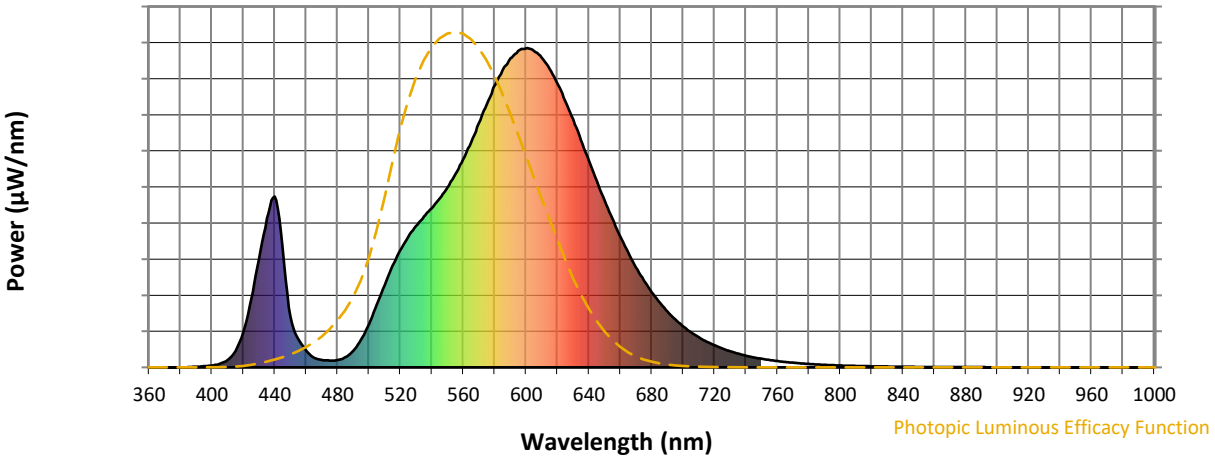


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

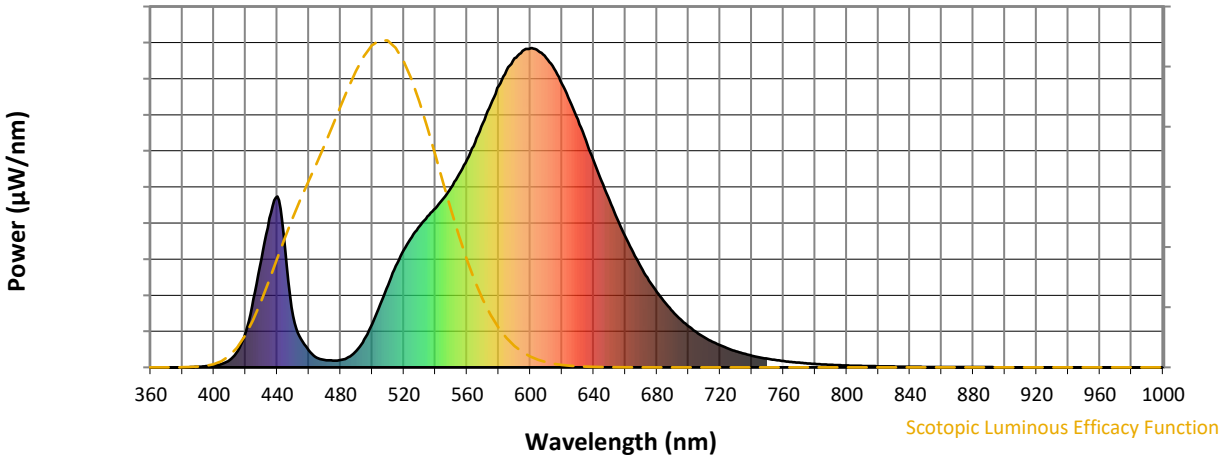


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

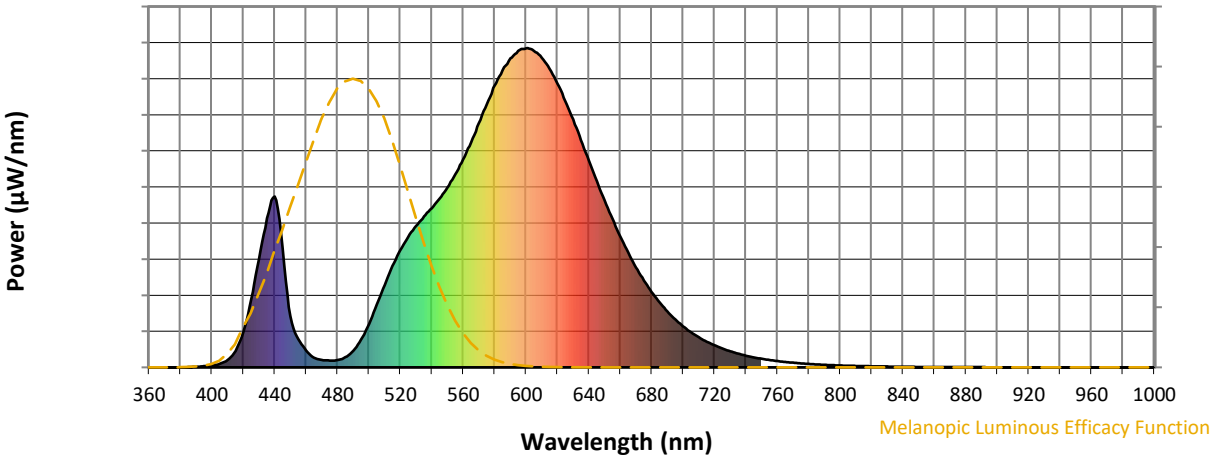


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

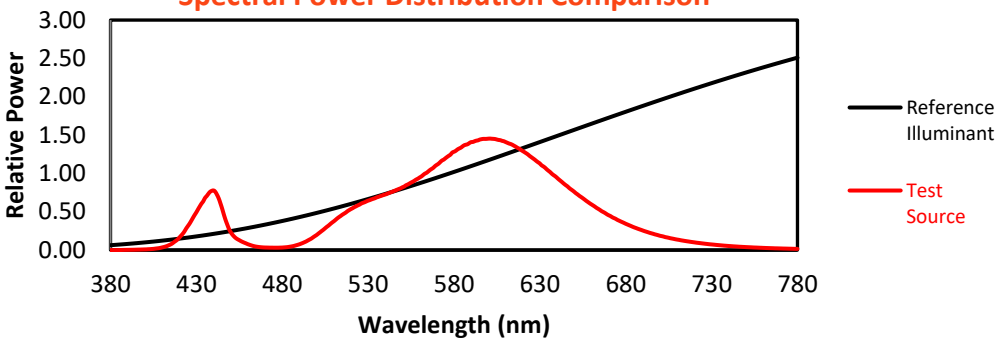
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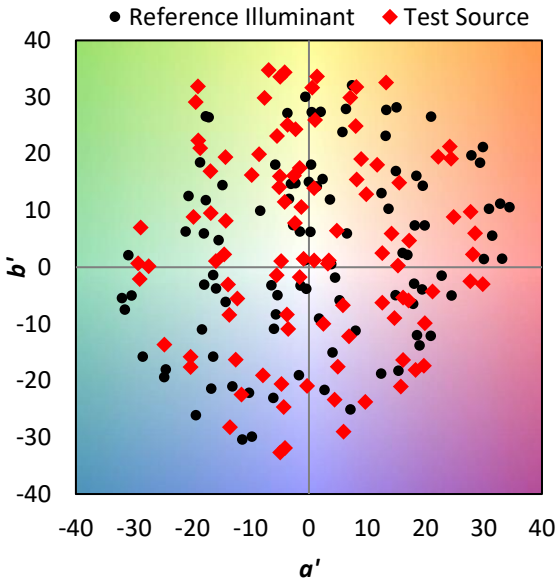
Summary

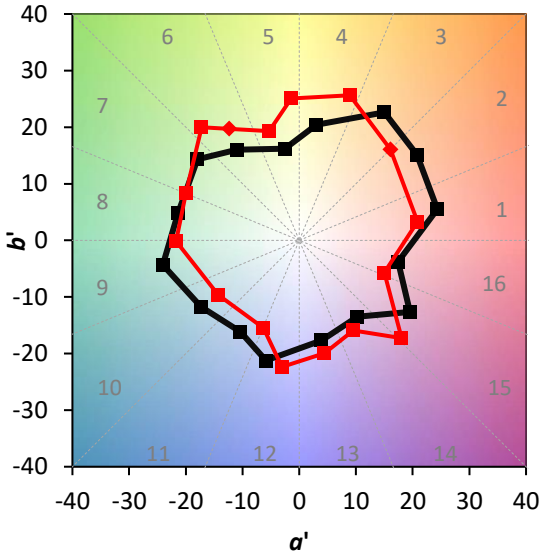
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

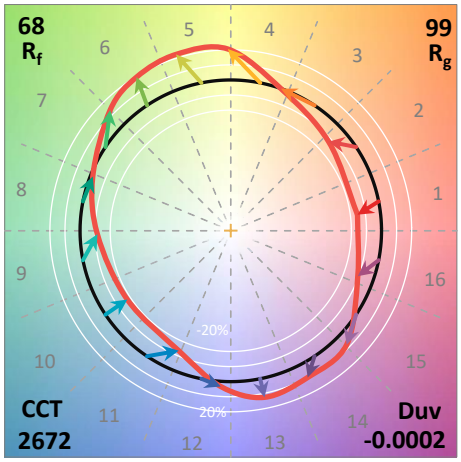
Spectral Power Distribution Comparison

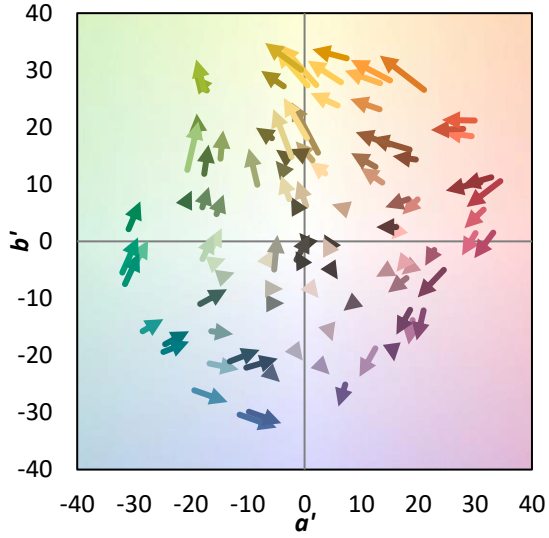


Color Vector Graphics







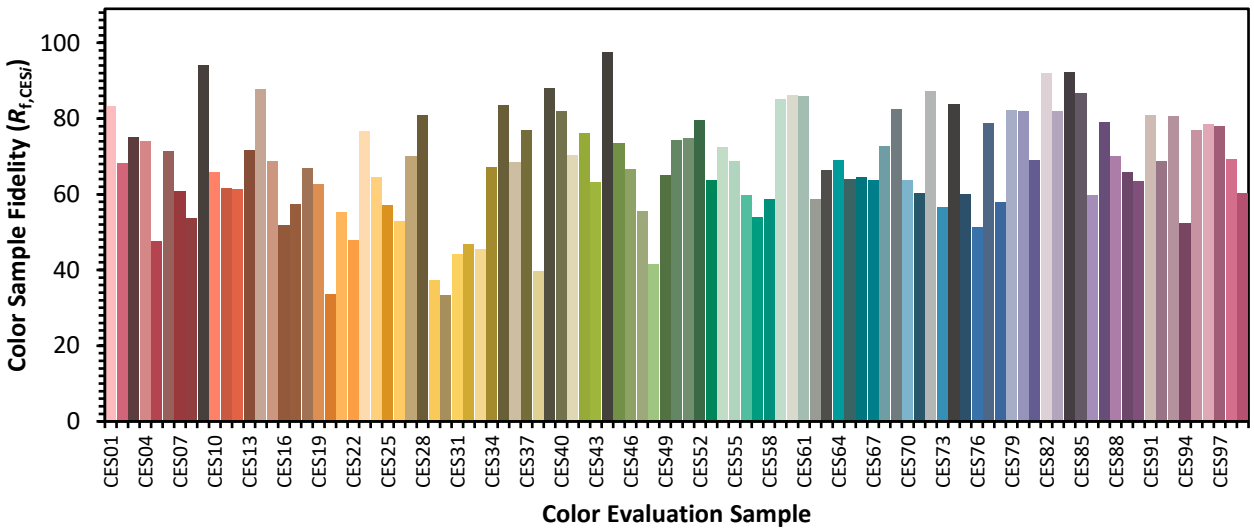


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Individual Sample Fidelity Index ($R_{f,i}$)

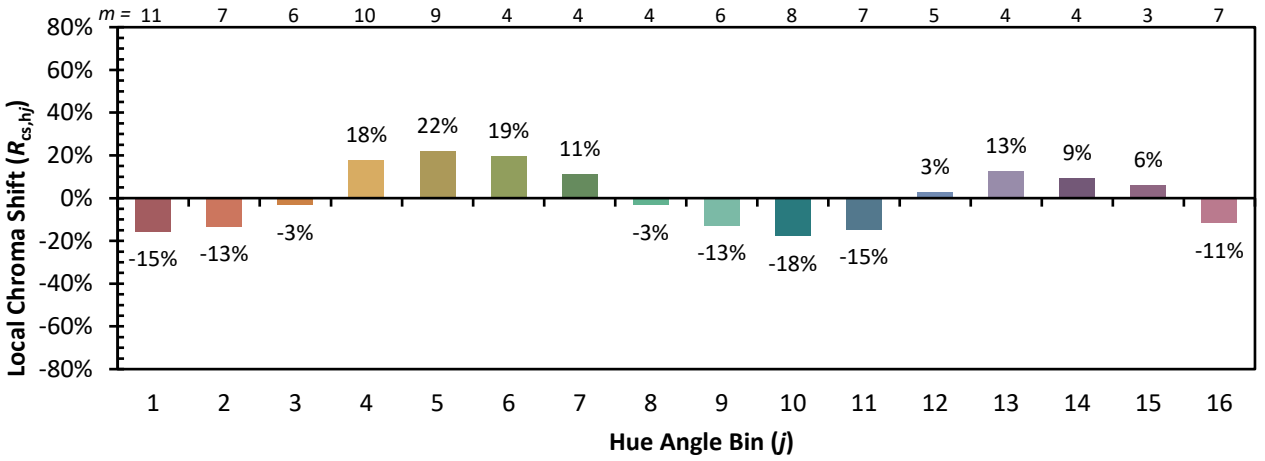
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

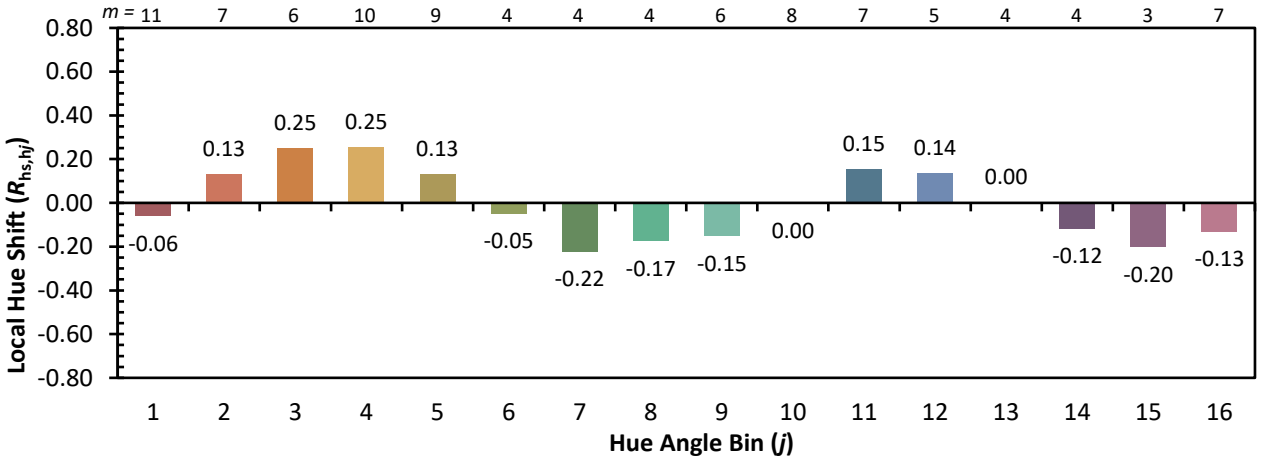


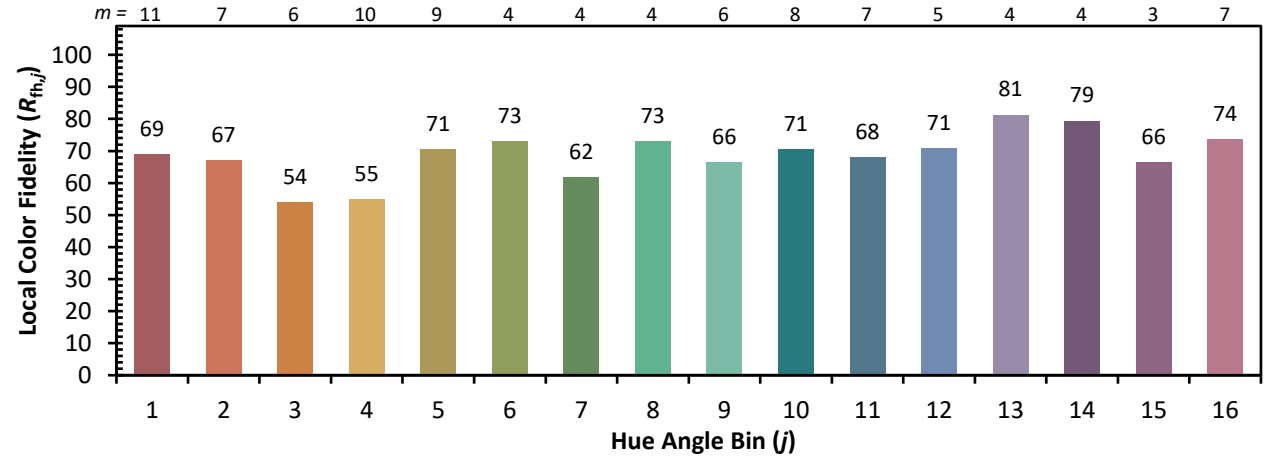
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Color Rendition by Hue-Angle Bin



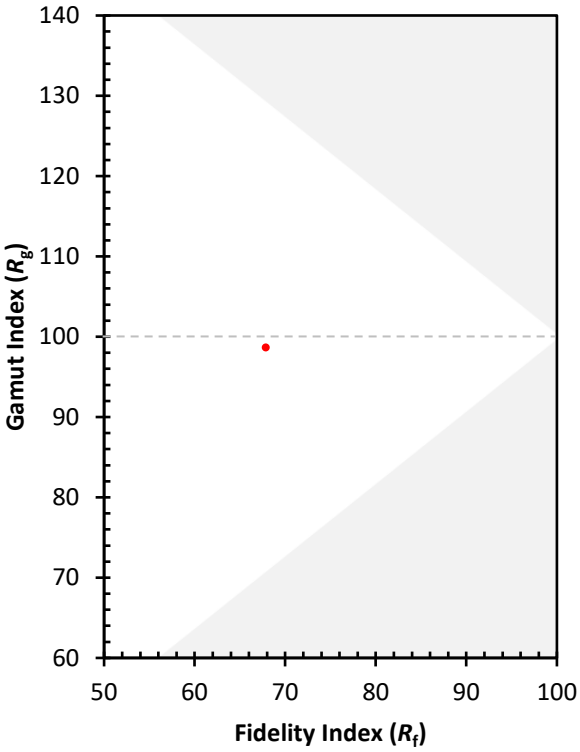


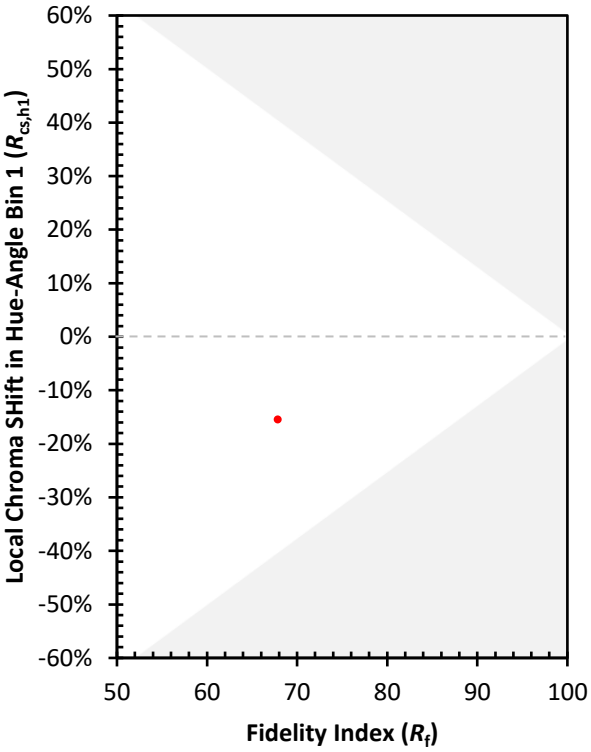


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Measure Comparisons





(END OF REPORT)