

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P1192059

Luminaire Tested: **LDA6A20950D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192059
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26296)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A20950D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

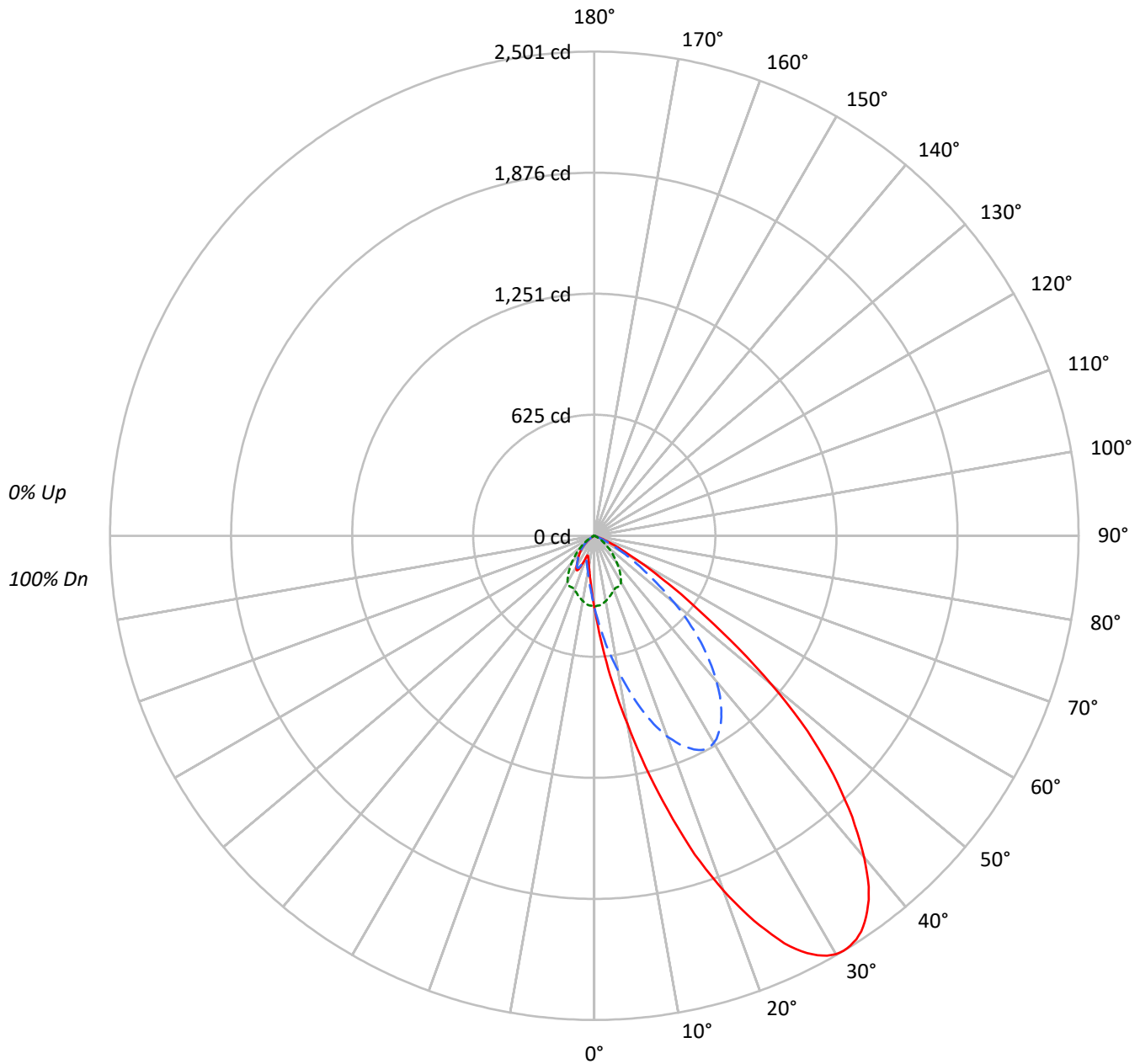
Lumens per Lamp: N/A
Luminaire Lumens: 1554.3 lumens
Efficiency: N/A
Efficacy: 62.7 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 24.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94
2	104	97	92	87	101	96	91	86	92	88	85		89	86	83		86
3	96	88	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	71	66	87	78	71	65	75	69	65		73	68	64		71
5	82	71	63	58	80	70	63	57	68	62	57		66	61	56		65
6	76	64	57	51	75	64	56	51	62	55	50		60	54	50		59
7	71	59	51	45	69	58	50	45	56	50	45		55	49	44		54
8	66	53	46	40	64	53	45	40	52	45	40		50	44	40		49
9	61	49	41	36	60	48	41	36	47	41	36		46	40	36		45
10	57	45	38	33	56	45	37	33	44	37	32		43	37	32		42

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	20124	20124	20124
5°	34256	19778	12646
10°	55003	19021	8717
15°	83355	18173	6748
20°	113807	17327	6306
25°	140488	17590	11523
30°	157961	17433	11666
35°	162978	15486	9804
40°	155176	12910	8444
45°	135394	10288	6931
50°	102095	7761	4605
55°	58980	5381	2428
60°	30524	3388	767
65°	13205	1492	389
70°	4456	753	369
75°	1483	635	487
80°	947	726	505
85°	503	1447	1006



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.4	2.5
10°-20°	158.5	10.2
20°-30°	337.7	21.7
30°-40°	438.4	28.2
40°-50°	367.7	23.7
50°-60°	169.6	10.9
60°-70°	36.6	2.4
70°-80°	4.7	0.3
80°-90°	1.7	0.1
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°-30°	535.7	34.5
0°-40°	974.1	62.7
0°-60°	1511.3	97.2
0°-90°	1554.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1554.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	367	367	367	367	367	
5°	622	521	359	258	230	71
15°	1469	921	320	148	119	431
25°	2323	1218	291	175	190	1066
35°	2435	1143	231	148	146	1504
45°	1746	778	133	92	89	1325
55°	617	318	56	33	25	587
65°	102	59	12	5	3	117
75°	7	5	3	3	2	11
85°	1	2	2	2	2	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	475.1	468.2	474.4	474.4	470.6	467.5	472.9	465.9	469.8	462.8	462.8
5°	622.5	604.8	613.2	612.5	605.5	607.2	604.8	594.8	597.0	586.2	583.1
7.5°	795.3	776.8	786.1	783.7	773.8	772.9	769.1	752.9	752.9	736.7	728.2
10°	988.1	974.3	985.1	980.4	968.0	962.7	956.6	934.2	929.6	904.8	891.0
12.5°	1221.2	1214.2	1202.7	1195.0	1189.4	1180.9	1170.2	1140.9	1130.1	1097.0	1075.3
15°	1468.7	1465.6	1452.6	1454.0	1433.2	1408.5	1414.6	1366.0	1347.5	1304.5	1275.0
17.5°	1725.7	1716.3	1703.9	1687.1	1676.3	1646.8	1633.8	1588.3	1561.2	1507.3	1471.1
20°	1950.8	1947.0	1936.2	1914.6	1898.4	1865.2	1844.3	1791.9	1754.2	1690.9	1646.8
22.5°	2151.3	2145.2	2135.1	2108.9	2089.8	2050.4	2024.2	1963.9	1917.7	1845.9	1792.8
25°	2322.6	2311.1	2302.6	2270.8	2250.1	2203.8	2173.1	2105.9	2051.2	1971.7	1910.0
26°	2375.9	2365.9	2358.2	2324.9	2302.6	2254.0	2221.6	2151.3	2092.8	2011.8	1946.2
27°	2419.8	2411.2	2405.1	2370.5	2346.6	2296.4	2260.9	2189.9	2127.4	2044.1	1976.2
28°	2454.5	2446.8	2440.7	2404.4	2379.7	2327.9	2290.3	2217.8	2152.2	2066.6	1997.1
29°	2480.1	2472.2	2467.7	2429.1	2404.4	2351.1	2311.8	2237.0	2169.0	2081.9	2010.3
30°	2495.4	2487.7	2483.1	2443.0	2418.3	2364.3	2321.8	2247.0	2176.1	2088.1	2014.8
31°	2500.8	2492.4	2489.2	2448.4	2422.2	2366.5	2324.1	2247.0	2174.5	2085.7	2010.9
32°	2496.2	2488.4	2486.2	2444.5	2417.5	2361.2	2318.0	2240.2	2166.0	2076.6	2000.2
33°	2485.4	2477.7	2476.2	2433.7	2406.8	2348.8	2306.4	2227.0	2151.3	2061.2	1984.7
34°	2465.3	2457.6	2457.6	2414.5	2386.7	2328.8	2286.4	2207.0	2129.0	2039.5	1962.4
35°	2435.3	2432.1	2429.1	2385.0	2357.4	2299.4	2257.0	2176.9	2098.9	2010.3	1931.5
36°	2398.2	2396.0	2392.9	2348.8	2320.3	2262.5	2221.6	2141.4	2062.7	1974.8	1896.8
37°	2354.1	2352.7	2350.4	2306.4	2277.9	2220.8	2179.2	2100.5	2021.8	1934.6	1856.7
38°	2301.1	2301.1	2298.7	2254.7	2226.1	2169.9	2129.8	2051.2	1973.2	1887.6	1811.2
39°	2237.8	2239.3	2237.8	2193.8	2165.2	2109.7	2071.2	1994.7	1916.9	1833.5	1764.9
40°	2168.4	2170.7	2169.9	2126.7	2098.1	2044.1	2007.1	1932.3	1862.8	1774.2	1707.8
42.5°	1971.7	1975.6	1976.2	1935.3	1908.4	1858.2	1825.1	1756.4	1684.0	1609.8	1549.7
45°	1746.4	1753.3	1754.9	1717.8	1693.2	1647.7	1620.0	1558.2	1504.2	1427.8	1375.4
47.5°	1494.2	1504.2	1508.1	1474.1	1450.2	1410.9	1390.1	1337.5	1290.4	1221.8	1177.9
50°	1197.1	1208.8	1199.4	1185.6	1165.5	1134.6	1122.4	1079.9	1029.8	985.8	954.9
51°	1068.4	1080.8	1087.6	1060.7	1043.7	1016.0	1006.6	970.4	925.7	887.8	861.5
52°	941.8	954.9	961.9	938.0	923.3	900.1	894.8	863.2	823.9	792.2	770.6
53°	823.1	835.3	827.7	822.3	809.1	790.0	786.8	760.6	726.6	700.4	683.5
54°	714.4	725.0	732.9	715.0	703.5	687.3	686.5	664.9	636.4	614.0	601.6
55°	617.1	627.2	634.1	619.3	609.3	595.5	595.5	577.8	553.9	535.4	526.0
57.5°	422.0	428.9	435.0	424.2	417.4	408.8	410.4	399.7	383.4	371.8	366.4
60°	278.4	283.8	287.8	280.8	277.0	271.4	273.1	266.1	260.7	248.4	246.1
61°	232.2	237.5	241.4	235.2	236.9	226.7	229.0	222.9	218.3	212.9	206.6
62°	192.1	196.7	199.8	194.4	195.9	187.5	189.8	185.1	181.3	176.0	171.3
63°	156.6	160.5	163.6	162.8	160.5	153.6	155.1	151.2	148.1	144.2	140.4
64°	127.2	130.4	132.7	132.7	130.4	124.2	125.7	121.9	120.3	116.5	113.4
65°	101.8	104.2	105.7	105.7	104.2	99.5	100.4	98.0	95.7	93.3	91.0
66°	80.3	82.5	84.1	84.1	82.5	78.6	79.5	77.2	75.6	73.3	71.8



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	13.2	13.8	13.8	13.8	13.8	13.2	13.2	13.2	12.4	12.4	11.5
75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.1	6.1	6.1	6.1
77.5°	4.7	4.7	4.7	4.7	4.7	3.8	3.8	3.8	3.8	3.8	3.8
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3	2.3	2.3	2.3
82.5°	1.6	2.3	2.3	2.3	2.3	1.6	1.6	1.6	2.3	1.6	1.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	460.6	456.6	455.9	450.5	442.0	446.6	436.6	436.6	432.7	431.2	424.2
5°	576.3	568.5	563.9	553.1	544.5	541.5	525.3	520.7	511.5	504.5	492.1
7.5°	716.7	702.0	691.2	674.2	657.9	650.2	625.6	614.0	598.6	584.8	565.4
10°	871.6	849.3	831.5	806.1	781.5	766.0	732.1	707.3	688.1	665.7	638.7
12.5°	1046.8	1015.1	988.1	951.9	917.2	893.3	847.7	812.3	783.7	752.0	715.8
15°	1234.2	1191.7	1154.7	1106.1	1053.7	1025.1	968.0	921.0	882.4	840.0	792.2
17.5°	1416.3	1362.2	1312.8	1252.7	1190.3	1142.3	1079.9	1020.6	970.4	914.8	860.1
20°	1579.0	1513.5	1452.6	1380.8	1308.9	1249.7	1175.6	1104.6	1043.7	979.6	914.8
22.5°	1714.8	1638.3	1566.8	1485.7	1404.0	1335.2	1250.4	1170.2	1100.0	1028.1	954.2
25°	1822.0	1737.2	1656.9	1566.8	1477.2	1400.8	1306.8	1217.9	1140.9	1062.3	982.0
26°	1855.9	1767.3	1684.0	1587.5	1498.7	1419.3	1323.0	1231.2	1151.7	1071.4	988.9
27°	1882.2	1790.5	1703.9	1606.8	1515.0	1433.2	1333.7	1240.4	1157.8	1076.1	992.0
28°	1900.0	1805.8	1716.3	1617.6	1524.3	1440.2	1339.2	1243.5	1159.4	1076.9	991.2
29°	1911.4	1814.3	1722.4	1623.9	1528.2	1441.6	1339.2	1241.9	1157.1	1073.0	986.6
30°	1913.8	1815.1	1721.6	1621.5	1524.3	1437.1	1333.0	1235.0	1148.6	1064.5	977.3
31°	1910.0	1808.1	1713.3	1613.8	1515.8	1426.4	1322.2	1224.2	1138.5	1052.9	965.0
32°	1898.4	1795.8	1700.1	1599.8	1501.1	1411.6	1307.5	1208.0	1122.4	1037.5	949.5
33°	1882.9	1778.1	1681.6	1581.2	1483.5	1393.1	1289.0	1190.3	1104.6	1019.0	931.8
34°	1861.4	1755.7	1658.5	1559.7	1461.0	1370.7	1266.6	1168.5	1083.1	998.1	911.8
35°	1832.0	1725.7	1629.2	1532.0	1433.2	1343.7	1240.4	1143.2	1059.0	975.1	889.4
36°	1798.1	1693.2	1596.0	1499.6	1401.6	1312.8	1211.8	1115.5	1032.2	948.7	864.8
37°	1760.4	1655.4	1559.7	1464.8	1368.4	1280.4	1180.9	1086.1	1004.3	921.9	839.2
38°	1716.3	1612.1	1518.1	1425.5	1330.7	1244.3	1147.0	1053.7	973.4	892.4	811.5
39°	1665.4	1563.5	1471.1	1381.5	1289.0	1204.1	1109.3	1018.2	939.5	860.9	781.5
40°	1610.6	1512.0	1421.7	1334.5	1244.3	1161.7	1069.1	981.2	904.8	827.7	750.6
42.5°	1461.0	1368.4	1285.1	1207.1	1123.8	1047.6	964.3	883.3	812.3	741.3	670.3
45°	1296.7	1212.6	1137.9	1069.1	993.6	925.7	850.9	777.6	713.5	648.8	585.4
47.5°	1110.8	1036.7	971.9	914.2	848.5	789.2	725.0	661.9	605.5	549.2	493.7
50°	901.8	841.6	790.6	744.4	691.9	643.3	591.7	540.1	493.7	445.8	399.7
51°	816.2	762.1	715.8	676.4	627.8	584.8	538.4	491.3	448.9	405.8	362.5
52°	731.2	684.3	644.1	609.3	566.9	528.3	486.8	444.4	405.8	366.4	326.4
53°	650.2	609.3	574.6	545.4	508.4	474.4	437.4	400.3	364.9	329.4	293.2
54°	574.0	539.2	509.8	485.2	452.7	422.7	391.1	358.0	326.4	293.2	259.9
55°	502.9	473.6	448.9	428.2	400.3	374.1	347.0	317.8	289.3	259.3	233.7
57.5°	352.6	333.2	317.0	304.0	285.5	272.3	249.1	229.0	211.3	185.1	165.8
60°	237.5	224.5	214.6	206.6	194.4	187.5	171.3	156.6	145.1	125.7	111.8
61°	199.8	189.0	180.4	174.3	164.3	158.1	144.2	132.7	121.9	105.7	93.3
62°	165.8	156.6	153.6	145.1	136.6	131.9	120.3	110.3	101.8	87.2	77.2
63°	135.7	128.0	125.7	118.9	111.8	108.8	98.7	91.0	83.3	70.9	63.2
64°	109.5	103.4	101.8	96.5	91.0	88.0	80.3	73.3	67.1	57.1	51.0
65°	87.2	84.9	81.0	77.2	72.5	70.1	64.1	58.6	53.2	45.6	40.9
66°	68.6	67.1	63.2	60.1	56.3	54.8	49.4	45.6	41.7	35.6	32.3



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	10.8	10.8	10.0	10.0	8.5	8.5	7.7	7.0	7.0	6.1	6.1
75°	5.3	5.3	5.3	5.3	4.7	4.7	4.7	4.7	3.8	3.8	3.8
77.5°	3.8	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	0.8	0.8	0.8	0.8	0.8	1.6	1.6	1.6	1.6	1.6	1.6
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6	1.6
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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	422.0	415.0	411.8	409.7	405.0	401.1	395.6	392.6	385.6	386.5	377.9
5°	484.4	472.1	464.5	455.9	446.6	438.2	427.3	419.6	408.0	404.1	391.1
7.5°	550.8	531.5	518.3	502.9	488.3	473.6	456.6	443.6	428.2	418.1	400.3
10°	616.3	592.5	568.5	546.1	524.6	503.7	480.6	462.8	441.3	426.5	405.0
12.5°	684.3	648.8	619.3	590.1	560.8	533.8	504.5	479.8	452.1	433.6	407.4
15°	751.4	706.7	669.6	631.7	595.5	560.8	525.3	495.2	462.8	438.9	408.0
17.5°	810.0	756.7	711.2	664.1	622.5	581.6	539.2	504.5	467.5	439.7	405.8
20°	855.4	794.5	742.0	688.1	640.2	593.1	546.9	508.4	467.5	436.6	399.7
22.5°	887.1	820.7	762.1	703.5	650.2	600.2	549.2	508.4	465.1	432.0	395.0
25°	908.6	838.6	775.2	712.8	656.4	603.2	550.8	507.5	463.6	430.4	391.8
26°	913.3	841.6	777.6	713.5	656.4	602.5	549.2	506.0	462.1	428.9	390.3
27°	914.8	842.4	776.8	712.8	654.9	600.2	546.9	503.7	459.0	425.9	388.0
28°	912.5	840.0	773.8	708.9	651.0	595.5	542.3	499.1	454.4	422.0	383.4
29°	907.2	833.9	767.6	702.6	644.9	588.6	535.4	493.0	448.2	415.8	377.9
30°	897.9	824.6	758.3	692.6	634.8	579.3	526.0	483.6	439.7	407.4	369.4
31°	885.6	813.0	746.7	681.1	623.4	568.5	515.3	473.6	429.7	398.0	360.3
32°	870.1	800.0	732.1	667.3	609.3	555.4	502.9	461.2	418.1	386.5	349.4
33°	852.4	783.7	715.8	651.9	595.5	541.5	489.1	448.2	406.5	374.9	338.7
34°	833.0	766.0	698.2	635.5	579.3	526.0	475.1	435.0	393.4	362.5	327.9
35°	811.5	745.9	678.8	616.3	562.4	509.8	459.8	420.4	379.5	349.4	315.5
36°	788.3	724.4	657.9	599.4	543.9	492.1	444.4	405.0	364.9	335.5	302.3
37°	764.4	702.0	637.2	580.1	525.3	475.1	428.2	389.5	350.9	322.4	290.0
38°	738.2	678.1	614.0	559.2	505.3	456.6	410.4	373.3	336.3	308.5	277.0
39°	710.5	649.6	590.1	536.8	484.4	437.4	392.6	357.1	320.2	293.8	263.1
40°	681.9	622.5	565.4	513.7	462.8	418.1	374.1	339.4	304.7	278.4	249.1
42.5°	607.9	553.9	500.7	454.4	406.5	365.6	325.5	293.8	262.3	239.1	212.9
45°	529.2	481.3	432.7	391.1	347.9	310.9	275.4	246.9	218.3	199.0	176.6
47.5°	448.9	402.7	360.3	323.2	288.5	253.0	222.9	198.3	175.1	159.6	143.4
50°	358.0	324.1	286.9	256.0	223.7	197.5	171.9	154.2	137.3	127.2	114.9
51°	324.1	292.3	258.4	229.8	199.8	176.0	154.2	138.8	124.2	115.6	104.8
52°	295.5	262.3	230.7	204.4	179.8	156.6	138.1	125.0	112.6	104.8	94.8
53°	260.7	234.5	205.2	181.3	158.9	138.8	123.3	111.8	101.0	94.8	86.4
54°	231.4	207.5	180.4	158.9	140.4	123.3	109.5	100.4	91.0	84.9	78.0
55°	203.6	185.1	157.5	138.8	123.3	108.8	98.0	89.4	81.0	76.3	69.5
57.5°	142.7	126.6	109.5	98.7	88.6	79.5	71.8	65.6	60.1	57.1	51.7
60°	94.8	84.9	74.8	67.9	61.8	56.3	51.0	46.3	42.4	40.9	37.0
61°	79.5	71.8	63.2	58.6	53.2	47.7	43.3	40.0	37.0	35.6	32.3
62°	67.9	60.1	53.2	49.4	44.7	40.9	37.0	33.9	31.6	30.1	27.8
63°	55.5	50.1	44.7	41.7	37.8	33.9	31.6	28.5	27.0	25.4	23.2
64°	45.6	40.9	37.0	33.9	31.6	27.8	26.2	23.9	21.5	21.5	19.3
65°	37.0	33.2	30.1	27.8	25.4	23.2	21.5	19.3	17.7	17.1	15.4
66°	29.3	26.2	23.9	22.4	20.1	18.5	17.1	15.4	13.8	13.8	12.4

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192059

CATALOG NUMBER: LDA6A20950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	5.3	5.3	5.3	4.7	4.7	4.7	4.7	3.8	3.8	3.8	3.8
75°	3.8	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	1.6	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.3	2.3
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192059

CATALOG NUMBER: LDA6A20950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	375.6	374.1	364.9	361.7	330.2	303.2	292.3	285.5
5°	384.9	378.8	365.6	359.4	300.0	257.6	238.4	229.8
7.5°	390.3	379.5	361.7	352.6	270.8	219.9	195.9	187.5
10°	389.5	375.6	354.8	341.7	243.8	189.0	165.0	156.6
12.5°	388.8	371.1	347.0	330.9	221.4	166.6	141.9	134.3
15°	386.5	364.9	338.7	320.2	202.2	148.1	125.7	118.9
17.5°	380.3	357.1	327.9	307.8	186.0	134.3	114.9	108.1
20°	372.6	347.0	317.8	297.0	176.0	128.9	112.6	108.1
22.5°	366.4	340.2	310.9	290.8	179.0	145.1	144.2	147.4
25°	364.1	338.7	309.3	290.8	194.4	175.1	185.1	190.5
26°	362.5	337.9	309.3	290.8	199.0	182.8	192.1	198.3
27°	360.3	335.5	307.8	289.3	201.3	186.7	195.1	199.8
28°	356.4	331.7	304.0	286.9	201.3	186.7	193.6	197.5
29°	350.9	327.1	299.3	282.3	199.0	183.7	189.0	192.1
30°	343.2	319.4	292.3	275.4	193.6	179.0	182.0	184.3
31°	334.0	310.9	283.8	267.6	188.1	172.7	175.1	176.6
32°	324.1	300.9	274.7	259.3	181.3	165.8	167.4	168.2
33°	313.1	290.8	265.4	249.9	175.1	159.6	159.6	160.5
34°	302.3	280.0	256.9	240.8	168.9	154.2	152.8	153.6
35°	291.6	269.3	246.9	231.4	162.8	148.1	146.5	146.5
36°	279.2	257.6	236.1	221.4	156.6	143.4	140.4	140.4
37°	267.6	246.9	226.0	211.3	149.6	138.1	135.0	134.3
38°	255.2	235.2	215.2	201.3	143.4	132.7	129.6	128.9
39°	243.0	223.7	204.4	191.4	137.3	127.2	125.0	123.3
40°	229.8	211.3	193.6	180.4	131.2	121.1	119.5	118.0
42.5°	195.9	179.8	165.0	155.8	115.6	106.5	104.2	104.8
45°	162.8	150.4	138.8	132.7	100.4	91.8	89.4	89.4
47.5°	133.4	124.2	116.5	110.3	84.1	76.3	74.2	70.9
50°	108.1	101.0	94.8	91.0	69.5	61.8	57.1	54.0
51°	98.7	92.5	87.2	83.3	63.2	55.5	50.1	47.1
52°	89.4	84.1	79.5	76.3	57.1	49.4	43.9	40.9
53°	81.0	76.3	72.5	69.5	51.7	43.9	38.6	35.6
54°	73.3	68.6	65.6	62.4	46.3	38.6	32.3	30.1
55°	66.2	61.8	59.4	56.3	40.9	33.2	27.0	25.4
57.5°	49.4	46.3	44.7	42.4	30.1	21.5	16.2	13.8
60°	35.6	33.2	32.3	30.9	19.3	11.5	8.5	7.0
61°	30.9	29.3	27.8	26.2	15.4	9.2	7.0	6.1
62°	26.2	24.8	23.2	22.4	12.4	7.7	6.1	5.3
63°	21.5	20.9	19.3	18.5	10.0	6.1	5.3	4.7
64°	17.7	17.1	15.4	14.7	8.5	5.3	4.7	3.8
65°	14.7	13.8	12.4	11.5	7.0	4.7	3.8	3.0
66°	11.5	10.8	10.0	9.2	6.1	4.7	3.0	3.0



TEST NUMBER: P1192059

CATALOG NUMBER: LDA6A20950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	3.8	3.8	3.0	3.0	3.0	3.0	3.0	2.3
75°	3.0	3.0	3.0	3.0	3.0	3.0	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	3.0	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6
85°	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.6
87.5°	1.6	2.3	2.3	2.3	2.3	1.6	0.8	0.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - 90°-270°

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67.5°	55.5	57.1	57.9	57.9	57.1	54.0	54.8	53.2	51.7	50.1	48.6
70°	27.8	28.5	29.3	29.3	28.5	27.0	27.8	27.0	26.2	25.4	23.9

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67.5°	47.1	45.6	43.3	40.9	37.8	37.0	33.2	30.1	27.8	23.9	22.4
70°	23.2	22.4	20.9	19.3	18.5	17.7	15.4	14.7	13.2	11.5	10.8

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67.5°	20.1	17.7	16.2	15.4	13.8	13.2	12.4	10.8	10.0	10.0	9.2
70°	10.0	9.2	8.5	8.5	7.7	7.0	7.0	6.1	6.1	6.1	5.3

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67.5°	8.5	8.5	7.7	7.0	4.7	3.8	3.0	3.0
70°	5.3	5.3	4.7	4.7	3.8	3.0	3.0	2.3

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Scaled Data Report



(END OF REPORT)