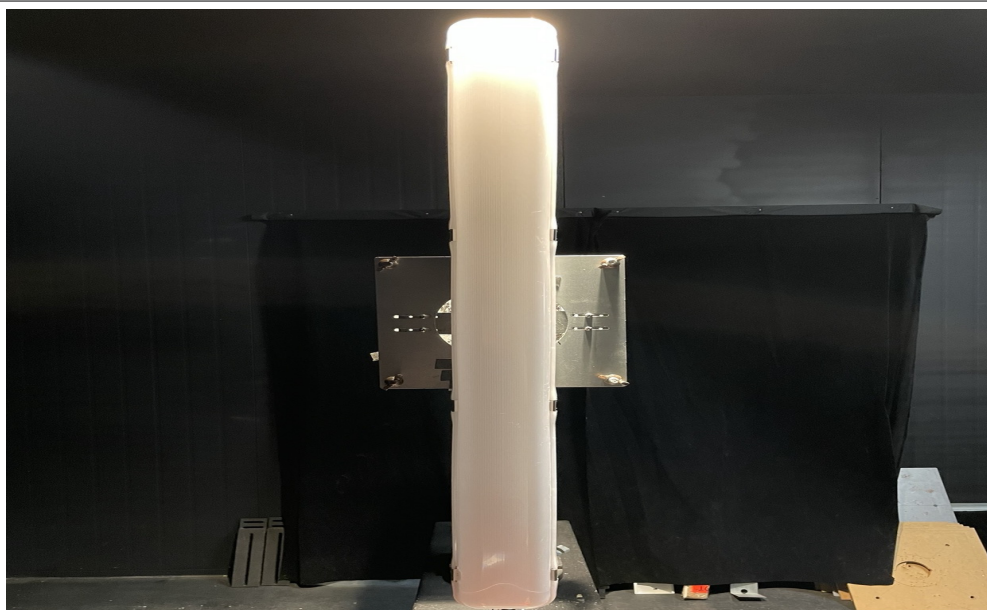


Test Report of Luminaire

Report No.:

Luminaire Type	4117-1-70-4K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3994K, CRI: 83.3Ra
Luminaire Parameters:			
Voltage	119.9	Current	0.554
Power:	66.2	Power Factor	0.997
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	7181.66 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	2196.691cd	Central Intensity	2196.691cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.05%		
Downward Flux Ratio	-718165.9%		
50%Imax Beam Width	C0_180[65.7 , -65.1] C90_270[54.5 , -55.2]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-70-4K

C\G	0	5	10	15	20	25	30	35	40	45
0	2196.7	2179.3	2151.6	2109.9	2054.8	1986.7	1909.3	1822.2	1725.0	1619.9
5	2196.7	2177.0	2151.0	2111.6	2055.2	1986.4	1908.6	1821.5	1724.4	1618.9
10	2196.7	2177.0	2150.3	2109.2	2053.8	1986.7	1908.6	1819.8	1722.0	1615.9
15	2196.7	2178.3	2151.0	2108.9	2052.8	1984.1	1904.6	1815.8	1719.0	1610.9
20	2196.7	2179.7	2152.0	2109.2	2051.8	1981.4	1900.6	1810.2	1710.0	1601.9
25	2196.7	2181.0	2152.6	2108.6	2050.2	1978.1	1894.6	1802.5	1701.3	1591.2
30	2196.7	2182.3	2152.6	2107.6	2048.2	1974.1	1888.3	1793.5	1690.0	1577.8
35	2196.7	2183.0	2152.6	2106.2	2044.8	1969.0	1880.6	1782.8	1677.3	1562.2
40	2196.7	2182.0	2152.0	2104.2	2041.1	1963.4	1872.9	1771.1	1662.6	1544.8
45	2196.7	2181.3	2150.3	2101.9	2037.5	1957.7	1863.9	1759.1	1647.6	1526.4
50	2196.7	2182.0	2150.0	2099.9	2033.5	1951.7	1855.9	1747.7	1631.6	1507.4
55	2196.7	2184.3	2150.0	2097.6	2029.5	1945.7	1847.2	1736.7	1616.2	1488.4
60	2196.7	2186.0	2149.3	2095.6	2025.5	1940.0	1839.2	1726.0	1602.5	1469.7
65	2196.7	2186.7	2149.3	2093.5	2021.8	1934.3	1831.2	1715.7	1589.2	1453.0
70	2196.7	2187.3	2149.6	2092.5	2018.8	1929.0	1823.8	1706.7	1577.5	1438.3
75	2196.7	2188.0	2150.0	2091.5	2016.8	1924.3	1817.8	1698.3	1567.2	1425.3
80	2196.7	2188.3	2149.6	2091.2	2014.8	1921.3	1812.8	1692.0	1558.5	1414.6
85	2196.7	2189.3	2149.6	2090.9	2014.1	1920.0	1810.2	1687.3	1552.5	1406.9
90	2196.7	2189.0	2150.6	2090.9	2014.1	1919.6	1809.8	1686.0	1550.1	1403.6
95	2196.7	2189.3	2150.3	2092.2	2014.8	1920.3	1810.5	1688.3	1551.5	1405.3
100	2196.7	2189.7	2151.0	2092.2	2016.8	1923.3	1813.8	1691.7	1557.5	1411.6
105	2196.7	2191.0	2152.3	2093.5	2018.4	1926.3	1819.8	1698.3	1566.2	1423.3
110	2196.7	2189.3	2152.3	2095.6	2021.4	1930.7	1825.2	1707.7	1576.2	1435.0
115	2196.7	2188.7	2152.3	2096.9	2024.8	1935.7	1831.5	1715.0	1588.2	1451.0
120	2196.7	2188.0	2152.3	2097.9	2026.5	1940.3	1840.9	1725.0	1601.2	1466.7
125	2196.7	2183.0	2151.0	2098.6	2029.1	1945.0	1846.9	1736.4	1617.6	1486.4
130	2196.7	2175.7	2144.0	2097.2	2032.8	1950.7	1853.9	1745.1	1629.6	1505.4
135	2196.7	2172.3	2140.9	2094.2	2032.5	1954.0	1861.9	1756.4	1644.6	1522.4
140	2196.7	2171.7	2140.9	2095.2	2034.5	1957.0	1864.9	1763.4	1654.3	1537.5
145	2196.7	2174.0	2143.6	2097.6	2037.5	1961.0	1871.2	1773.1	1665.6	1549.8
150	2196.7	2177.3	2147.0	2100.9	2040.5	1964.7	1876.9	1781.5	1676.6	1563.5
155	2196.7	2178.0	2147.3	2101.2	2041.1	1966.7	1881.9	1788.5	1686.0	1574.2
160	2196.7	2176.3	2145.6	2100.6	2040.8	1968.0	1884.9	1793.1	1692.3	1582.5
165	2196.7	2174.3	2144.0	2099.9	2040.8	1969.0	1887.6	1796.8	1697.7	1588.9
170	2196.7	2173.0	2143.3	2099.6	2041.8	1970.7	1890.3	1800.8	1702.3	1594.9
175	2196.7	2173.0	2144.0	2100.6	2043.5	1973.0	1893.9	1804.8	1707.4	1600.2
180	2196.7	2173.7	2144.3	2101.2	2044.1	1974.1	1895.3	1806.8	1709.4	1602.9
185	2196.7	2173.3	2146.0	2103.6	2045.1	1974.7	1895.6	1807.5	1710.0	1604.2
190	2196.7	2173.7	2145.0	2102.2	2045.5	1977.1	1896.6	1807.5	1709.7	1603.2
195	2196.7	2175.0	2146.3	2103.2	2045.8	1975.1	1894.9	1806.5	1708.7	1599.9
200	2196.7	2177.0	2148.0	2104.2	2045.8	1974.1	1892.6	1801.8	1702.0	1593.5
205	2196.7	2179.0	2149.0	2104.9	2045.1	1972.4	1888.6	1796.5	1695.0	1584.5
210	2196.7	2180.3	2150.0	2104.6	2044.8	1969.7	1883.6	1789.1	1686.0	1573.8
215	2196.7	2180.0	2149.6	2103.9	2042.5	1966.0	1877.6	1780.5	1675.3	1560.8
220	2196.7	2178.3	2148.0	2102.2	2040.5	1962.4	1871.6	1771.1	1663.0	1544.8
225	2196.7	2177.3	2146.6	2100.9	2038.1	1958.0	1865.2	1761.1	1650.3	1529.1
230	2196.7	2178.7	2147.6	2100.2	2035.1	1954.0	1858.6	1751.4	1636.3	1512.4
235	2196.7	2183.0	2150.0	2099.6	2032.1	1949.4	1851.9	1742.7	1623.2	1495.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-70-4K

240	2196.7	2186.0	2151.0	2098.6	2029.8	1945.0	1845.5	1733.7	1610.9	1479.0
245	2196.7	2187.7	2151.6	2097.9	2027.5	1940.7	1839.5	1725.4	1599.9	1464.3
250	2196.7	2189.3	2152.3	2097.6	2025.5	1936.7	1834.2	1717.7	1589.9	1451.7
255	2196.7	2189.7	2153.0	2097.6	2024.1	1934.0	1829.2	1711.0	1581.2	1441.0
260	2196.7	2190.3	2153.6	2097.6	2023.5	1932.0	1825.5	1706.0	1574.2	1432.0
265	2196.7	2190.3	2154.0	2097.9	2023.8	1931.3	1823.8	1703.0	1569.5	1425.6
270	2196.7	2190.3	2154.3	2098.6	2024.5	1932.3	1824.2	1702.3	1568.2	1424.0
275	2196.7	2190.7	2154.3	2099.6	2025.8	1933.3	1826.5	1705.7	1570.8	1426.0
280	2196.7	2191.7	2155.0	2100.2	2027.5	1937.7	1829.9	1709.7	1578.2	1433.0
285	2196.7	2192.0	2156.3	2101.6	2029.8	1940.0	1836.2	1716.7	1586.9	1445.3
290	2196.7	2191.0	2156.6	2104.2	2032.8	1945.0	1841.9	1726.0	1597.2	1457.3
295	2196.7	2190.3	2157.0	2105.2	2036.8	1950.0	1848.5	1734.7	1609.2	1473.4
300	2196.7	2187.7	2156.3	2106.9	2039.1	1955.0	1858.2	1745.7	1622.6	1489.7
305	2196.7	2181.0	2153.0	2105.9	2042.1	1960.7	1865.6	1756.1	1638.6	1509.1
310	2196.7	2173.0	2145.0	2102.6	2043.8	1966.4	1872.6	1766.4	1652.3	1528.4
315	2196.7	2169.0	2141.6	2099.2	2042.1	1969.0	1879.3	1776.8	1667.3	1544.5
320	2196.7	2169.0	2141.9	2100.2	2043.5	1972.0	1883.6	1783.5	1675.6	1558.8
325	2196.7	2171.7	2145.0	2103.2	2047.5	1975.7	1889.3	1792.5	1686.7	1572.2
330	2196.7	2176.3	2149.0	2107.9	2051.2	1979.4	1894.6	1800.5	1697.0	1584.8
335	2196.7	2178.7	2151.3	2109.2	2051.8	1981.1	1898.3	1806.5	1705.7	1595.2
340	2196.7	2177.0	2150.0	2107.9	2051.5	1981.7	1901.0	1810.8	1711.0	1602.5
345	2196.7	2175.0	2148.0	2106.6	2051.2	1982.1	1902.6	1814.2	1715.4	1608.2
350	2196.7	2173.3	2146.6	2105.9	2051.2	1983.1	1904.6	1816.8	1719.4	1613.6
355	2196.7	2173.3	2146.6	2106.6	2051.8	1984.1	1906.6	1819.5	1722.7	1617.6
360	2196.7	2179.3	2151.6	2109.9	2054.8	1986.7	1909.3	1822.2	1725.0	1619.9

C\G	50	55	60	65	70	75	80	85	90
0	1505.4	1382.9	1253.1	1117.9	980.0	840.8	702.6	580.8	492.8
5	1504.4	1381.9	1252.1	1117.2	979.0	840.5	702.3	580.5	492.7
10	1501.1	1377.9	1247.7	1112.5	974.7	835.5	698.0	575.8	488.3
15	1494.7	1370.6	1239.7	1103.9	965.7	825.8	688.6	567.4	479.8
20	1486.0	1360.9	1228.0	1091.5	952.6	811.1	675.9	554.1	467.5
25	1472.7	1345.9	1213.0	1075.1	936.3	793.8	658.9	536.7	450.0
30	1456.7	1329.2	1194.0	1054.8	913.9	771.4	635.9	514.0	428.9
35	1438.6	1309.5	1173.3	1032.4	890.6	746.4	610.5	489.3	404.9
40	1418.6	1286.8	1148.9	1006.7	863.2	718.3	582.5	462.0	379.3
45	1397.6	1263.1	1122.2	978.0	832.1	685.9	548.8	428.3	345.7
50	1374.9	1237.7	1094.2	947.6	799.4	651.9	513.4	393.2	311.0
55	1352.5	1211.7	1065.1	915.9	765.4	615.2	475.7	355.2	273.9
60	1330.2	1185.3	1035.8	883.5	727.7	577.5	435.9	315.4	235.2
65	1308.8	1160.3	1006.7	850.5	691.6	538.1	394.9	274.0	195.2
70	1290.1	1136.2	978.3	818.1	655.6	498.4	352.5	231.3	154.2
75	1274.4	1116.9	953.0	787.8	620.5	459.0	310.4	188.3	113.9
80	1261.4	1100.8	934.0	762.4	589.5	422.6	269.7	140.7	76.1
85	1251.7	1088.8	918.9	744.7	567.8	393.2	234.7	104.8	44.7
90	1247.7	1083.2	911.6	734.7	555.4	377.9	213.6	79.8	26.2
95	1249.7	1085.2	914.3	737.3	559.1	382.2	219.0	87.1	31.6
100	1256.7	1094.5	925.9	752.4	576.8	404.6	247.0	119.5	57.6

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 4117-1-70-4K

105	1269.1	1108.5	942.6	774.4	605.2	438.9	286.7	161.5	95.4
110	1285.8	1127.2	966.0	803.8	640.2	479.7	334.8	209.0	140.6
115	1304.8	1152.6	997.0	837.8	677.9	521.1	378.5	254.0	186.5
120	1327.8	1181.0	1029.1	874.2	719.3	563.1	422.9	301.9	230.8
125	1349.9	1206.7	1060.5	913.3	759.0	609.2	472.7	370.9	281.2
130	1372.9	1237.7	1091.8	946.0	796.4	649.9	517.7	421.4	336.4
135	1393.6	1261.4	1120.9	977.0	830.1	688.6	560.1	475.3	377.5
140	1413.6	1285.1	1147.2	1007.1	861.5	720.7	610.5	466.3	395.3
145	1426.3	1298.1	1162.6	1022.1	880.2	740.7	612.2	505.0	427.2
150	1441.7	1315.1	1180.6	1041.1	900.9	762.4	628.9	510.4	434.9
155	1454.7	1329.5	1197.0	1059.1	919.6	781.7	647.6	528.6	452.3
160	1464.3	1340.2	1208.0	1071.8	933.3	795.4	661.2	541.8	464.6
165	1472.0	1347.9	1216.7	1080.8	943.0	805.1	670.3	550.3	472.0
170	1478.7	1355.2	1224.4	1089.2	951.6	814.1	678.6	558.2	478.9
175	1484.7	1361.5	1231.7	1096.8	959.3	821.8	685.6	565.7	485.8
180	1488.0	1365.2	1235.0	1100.5	963.7	825.5	689.6	569.2	488.8
185	1489.1	1366.2	1236.4	1102.2	964.7	826.8	691.3	570.4	489.7
190	1487.7	1364.9	1234.4	1100.2	962.3	823.8	688.6	567.3	486.1
195	1483.7	1359.9	1228.7	1093.5	955.3	816.5	682.3	559.9	478.3
200	1477.4	1351.9	1219.7	1083.5	944.6	805.1	670.6	548.1	466.1
205	1465.4	1339.8	1206.7	1070.8	930.6	790.1	656.6	533.8	449.8
210	1452.7	1325.5	1191.3	1052.8	911.3	770.1	636.2	511.8	429.6
215	1437.6	1309.1	1172.9	1032.4	889.6	747.7	612.2	488.2	406.3
220	1420.3	1289.1	1151.6	1010.1	865.2	722.3	586.1	462.3	380.8
225	1401.3	1267.7	1127.9	984.4	837.2	692.6	555.4	430.5	348.7
230	1381.6	1244.7	1102.9	955.0	807.1	661.2	522.4	396.7	314.8
235	1361.9	1221.7	1076.5	925.9	775.4	627.5	486.7	360.5	278.6
240	1341.8	1197.6	1049.4	895.6	742.0	591.5	446.9	322.0	240.5
245	1322.2	1174.3	1022.4	864.9	708.3	554.8	407.2	281.7	200.9
250	1305.8	1152.9	996.0	834.8	674.6	517.0	367.2	242.1	158.0
255	1292.1	1135.2	972.7	806.8	641.9	480.0	326.8	197.7	116.6
260	1281.1	1121.2	955.3	783.7	612.5	445.3	288.1	156.3	78.3
265	1272.8	1111.2	941.6	768.1	591.8	417.6	254.7	117.8	45.9
270	1269.4	1106.2	936.3	759.7	581.1	402.9	235.7	94.2	25.9
275	1272.1	1109.2	939.6	763.7	585.1	407.6	242.7	103.1	33.1
280	1279.8	1118.5	951.6	778.4	602.8	430.9	270.7	136.2	61.5
285	1292.4	1133.2	969.3	799.8	630.2	465.3	310.4	178.5	100.3
290	1309.5	1151.9	992.7	828.8	664.6	505.7	354.8	226.3	146.8
295	1328.5	1178.3	1023.4	862.5	702.0	547.1	398.9	271.0	189.7
300	1350.9	1206.7	1054.8	899.2	743.7	588.8	442.6	315.8	233.5
305	1374.2	1233.0	1086.2	938.0	782.7	633.2	491.0	378.1	284.2
310	1397.6	1262.7	1117.5	968.0	818.8	673.6	535.1	427.6	336.6
315	1418.6	1285.1	1144.2	1000.7	853.2	709.6	576.8	476.0	393.0
320	1435.6	1305.5	1168.9	1029.4	884.6	744.4	627.9	480.8	400.8
325	1450.7	1321.8	1186.0	1045.1	903.6	762.0	630.2	515.3	438.0
330	1465.0	1338.2	1204.0	1064.8	924.6	784.1	648.2	524.2	439.9
335	1477.0	1352.2	1218.7	1081.2	941.6	802.1	666.9	542.8	458.3
340	1485.7	1361.9	1229.7	1093.5	954.3	814.8	678.6	555.3	469.5
345	1492.1	1368.2	1237.0	1100.8	962.7	823.1	685.6	562.2	476.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-70-4K

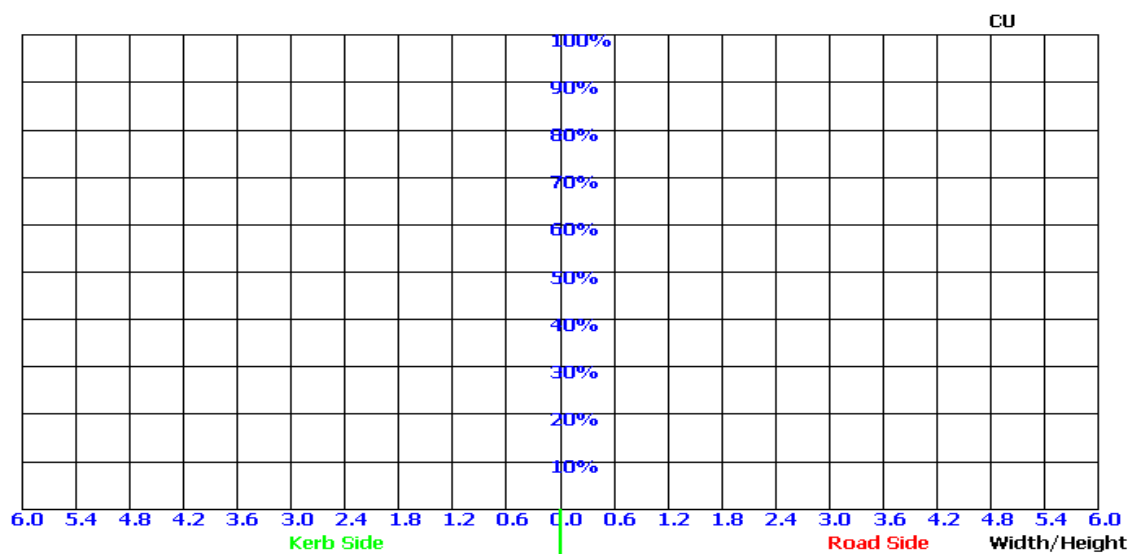
350	1498.1	1374.9	1244.0	1108.2	970.7	831.1	693.3	569.6	483.2
355	1502.4	1379.6	1249.4	1114.2	976.7	837.2	699.6	576.0	489.7
360	1505.4	1382.9	1253.1	1117.9	980.0	840.8	702.6	580.8	492.8

RP Lighting + Fans

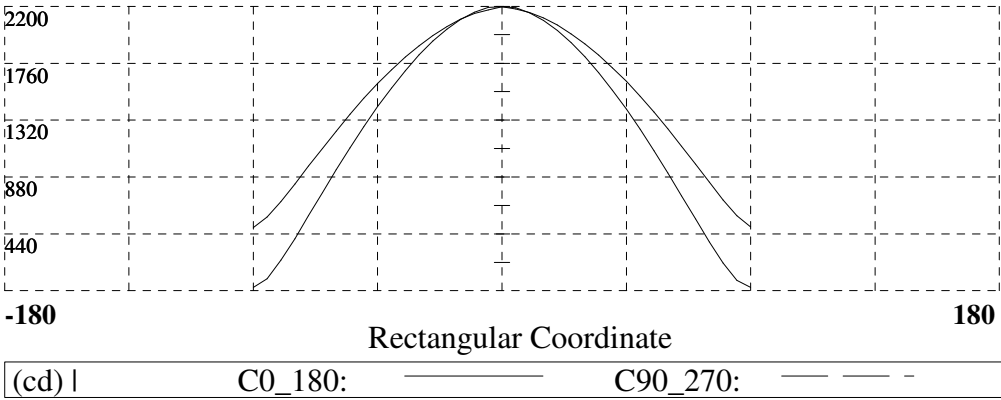
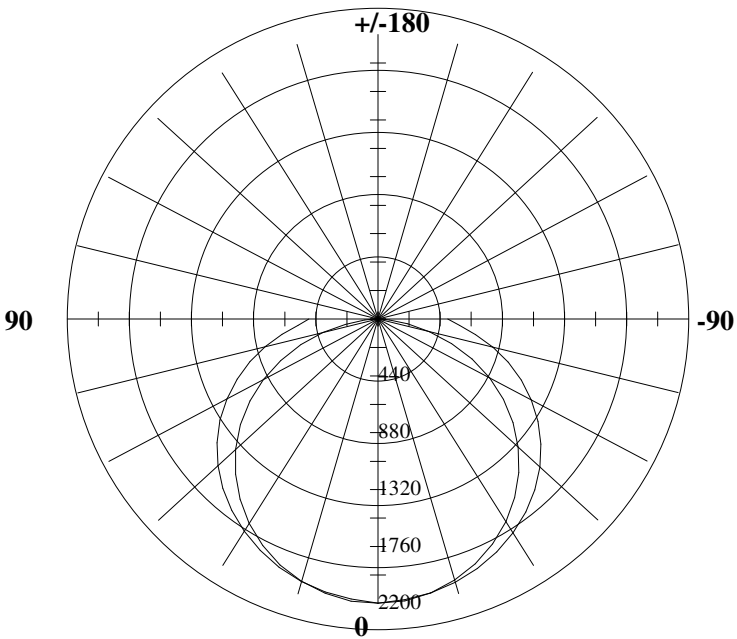
Zonal Flux 4117-1-70-4K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	2196.69	0.00	0.00	0.00	0.00
5	2181.40	52.34	52.34	-5233.89	-5233.89
10	2149.43	154.93	207.27	-15492.74	-20726.63
15	2100.89	252.13	459.39	-25212.61	-45939.25
20	2036.38	340.97	800.36	-34096.89	-80036.13
25	1956.46	418.78	1219.14	-41877.52	-121913.67
30	1863.46	483.41	1702.55	-48341.49	-170255.10
35	1759.23	533.47	2236.02	-53346.75	-223601.83
40	1645.25	568.01	2804.03	-56801.23	-280403.15
45	1521.63	586.37	3390.41	-58637.43	-339040.55
50	1389.94	588.33	3978.73	-58832.60	-397873.27
55	1251.42	574.32	4553.05	-57431.93	-455305.22
60	1106.40	545.00	5098.06	-54500.24	-509805.47
65	957.23	501.67	5599.73	-50167.19	-559972.56
70	806.05	446.47	6046.20	-44647.38	-604619.92
75	656.40	382.26	6428.46	-38226.18	-642846.14
80	515.23	313.50	6741.96	-31349.72	-674196.14
85	392.33	246.61	6988.57	-24660.69	-698856.93
90	312.87	193.09	7181.66	-19309.07	-718165.97

RP Lighting + Fans
Coefficient Utilization Curve 4117-1-70-4K

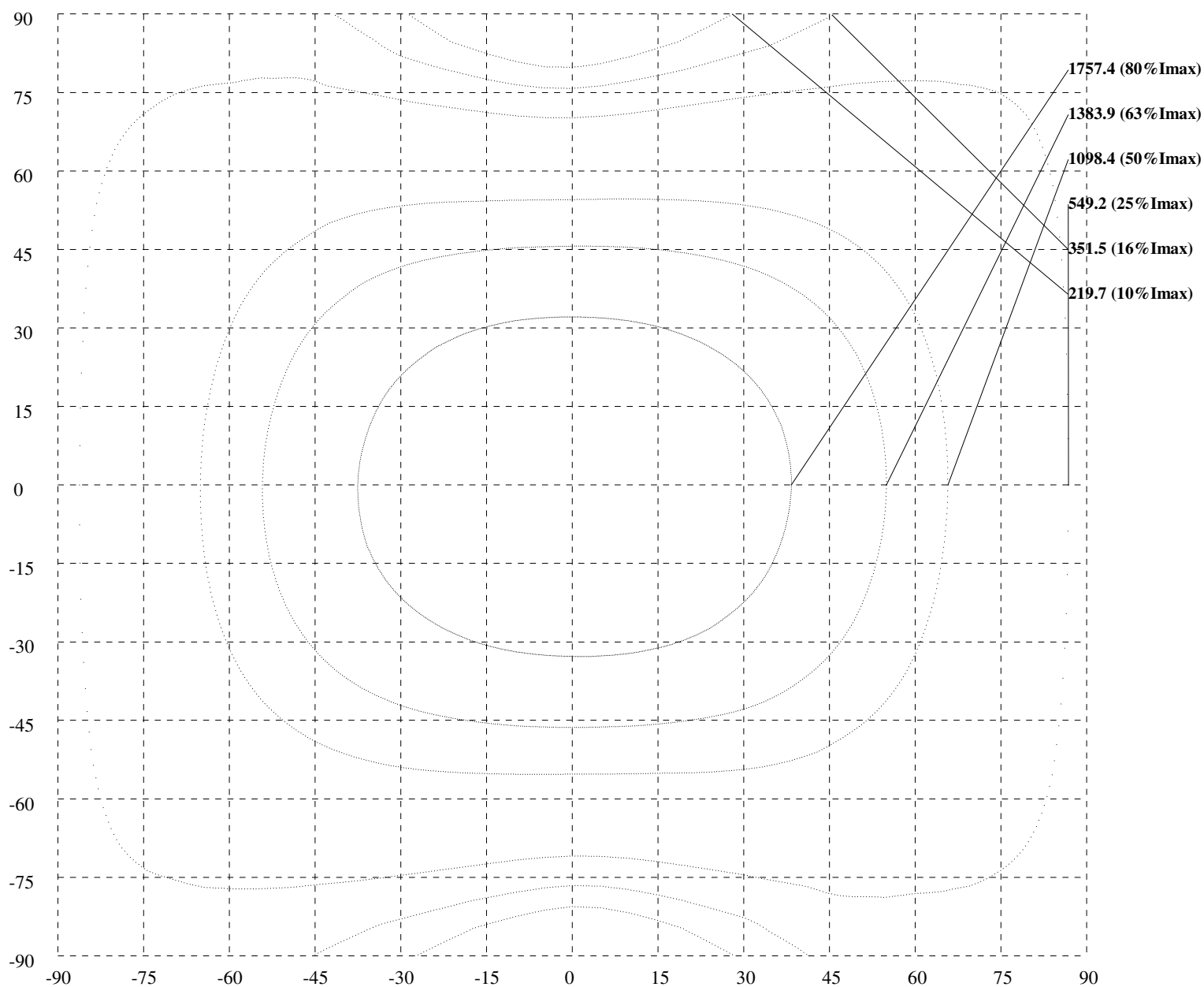


Light Distribution Curve[Unit: cd]



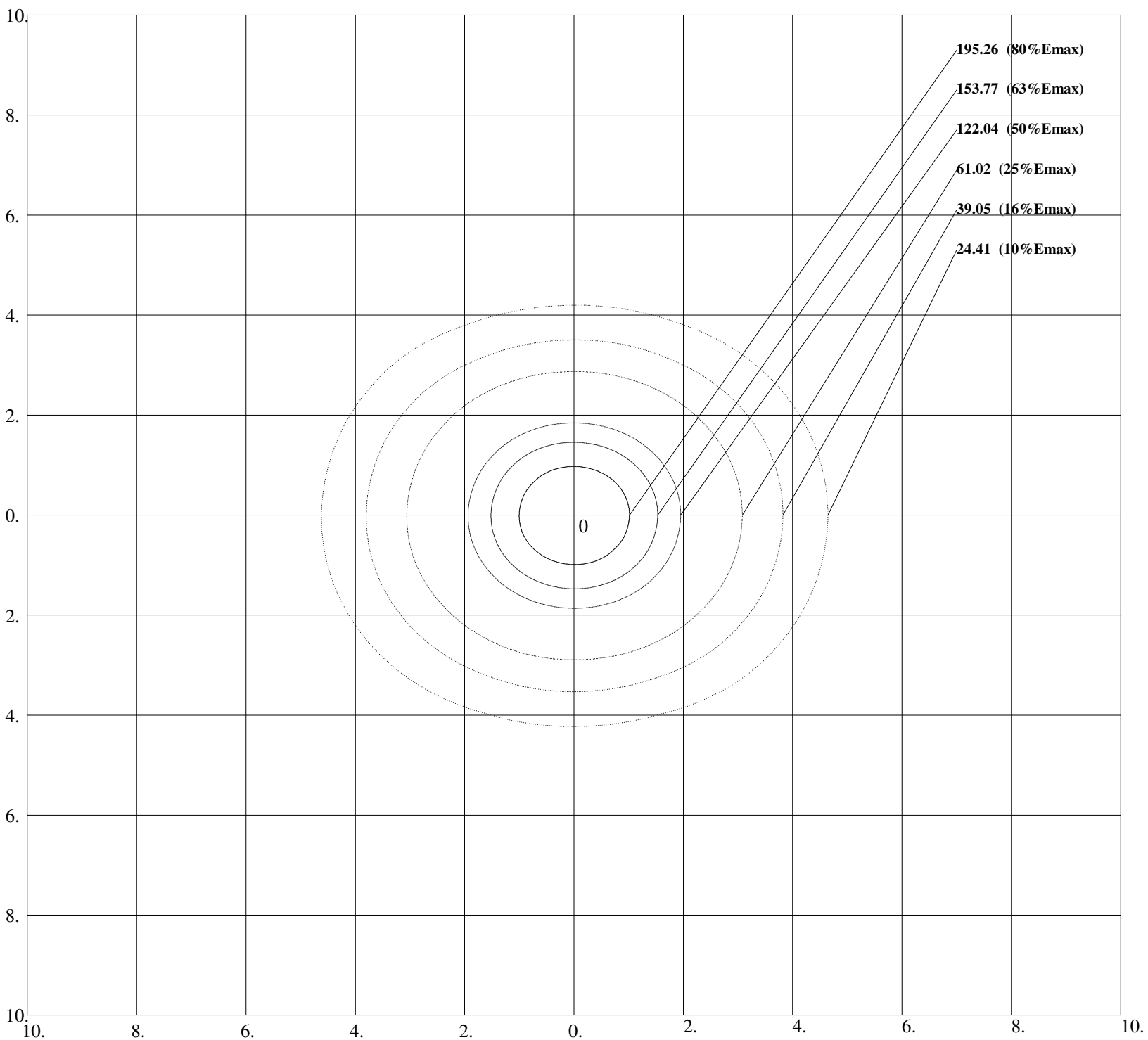
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 4117-1-70-4K



RP Lighting + Fans

Iso-Lux [Unit :lx] 4117-1-70-4K



Units: lx
Height: 3 m
Max Illuminance : 244.08lx

RP Lighting + Fans

Lux-Distance Curve

