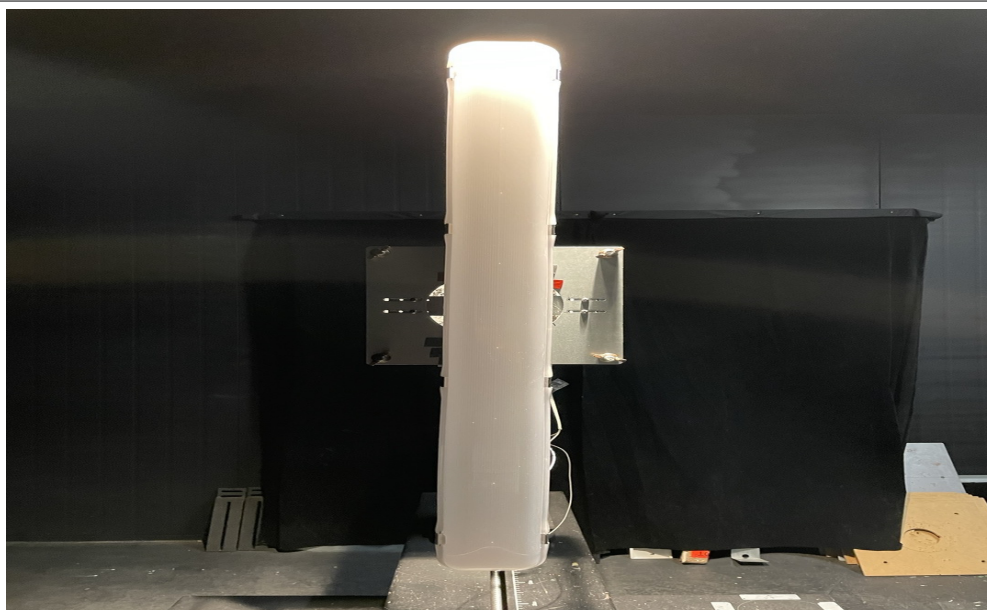


Test Report of Luminaire

Report No.:

Luminaire Type	4117-1-50-4K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3955K, CRI: 84.3Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.448
Power:	53.3	Power Factor	0.992
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	5016.25 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1576.687cd	Central Intensity	1576.687cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-501625.3%		
50%Imax Beam Width	C0_180[63.3 ,-65.8] C90_270[53.9 ,-54.2]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-50-4K

C\G	0	5	10	15	20	25	30	35	40	45
0	1576.7	1561.5	1532.8	1494.7	1445.0	1390.9	1331.2	1265.7	1195.0	1114.9
5	1576.7	1561.5	1532.8	1494.7	1445.3	1391.2	1331.2	1265.7	1194.6	1115.2
10	1576.7	1561.5	1532.4	1494.1	1444.7	1390.6	1330.5	1264.4	1193.0	1113.2
15	1576.7	1560.8	1531.8	1494.1	1444.3	1390.2	1329.8	1263.7	1191.0	1112.2
20	1576.7	1560.8	1531.4	1493.4	1443.3	1388.9	1327.2	1260.7	1186.6	1106.9
25	1576.7	1560.5	1531.1	1492.1	1442.0	1386.2	1323.8	1256.1	1181.0	1099.8
30	1576.7	1560.5	1530.8	1491.4	1440.7	1383.9	1319.5	1250.4	1173.6	1091.2
35	1576.7	1560.1	1530.1	1490.4	1438.6	1380.9	1314.8	1243.4	1165.3	1081.2
40	1576.7	1558.8	1529.4	1489.1	1436.6	1377.6	1310.1	1236.0	1156.3	1070.5
45	1576.7	1557.8	1528.4	1487.4	1434.6	1374.2	1305.1	1228.7	1146.9	1059.1
50	1576.7	1558.1	1528.1	1486.4	1432.3	1370.2	1300.1	1221.7	1137.2	1046.4
55	1576.7	1559.5	1528.4	1485.4	1428.0	1367.5	1295.5	1215.0	1127.6	1034.8
60	1576.7	1560.1	1528.4	1484.4	1426.6	1364.5	1290.8	1208.7	1119.2	1023.7
65	1576.7	1560.1	1527.8	1483.4	1424.3	1361.5	1286.4	1202.7	1111.9	1014.1
70	1576.7	1559.8	1527.4	1482.7	1422.6	1358.9	1282.4	1198.0	1105.2	1005.7
75	1576.7	1559.8	1527.4	1482.4	1421.0	1354.9	1279.4	1193.6	1099.8	998.4
80	1576.7	1559.8	1527.4	1482.0	1421.0	1353.5	1277.4	1190.6	1095.5	993.0
85	1576.7	1560.1	1527.8	1481.7	1421.3	1353.5	1276.4	1189.3	1093.2	989.7
90	1576.7	1560.5	1528.1	1482.0	1421.3	1354.5	1276.1	1189.6	1093.2	989.0
95	1576.7	1560.8	1528.8	1482.7	1422.3	1355.9	1278.1	1191.3	1095.2	991.4
100	1576.7	1560.8	1529.4	1484.4	1424.6	1357.9	1281.1	1195.0	1099.8	996.4
105	1576.7	1561.5	1530.1	1485.7	1427.0	1360.2	1285.1	1200.0	1105.9	1003.7
110	1576.7	1561.8	1530.8	1487.7	1430.0	1364.9	1289.8	1206.0	1113.2	1013.7
115	1576.7	1562.5	1532.4	1489.4	1433.3	1368.9	1295.8	1213.3	1122.2	1024.1
120	1576.7	1562.5	1533.1	1491.7	1437.0	1373.6	1301.8	1221.0	1131.9	1035.4
125	1576.7	1560.5	1532.8	1490.1	1440.3	1378.9	1308.8	1229.4	1141.9	1049.1
130	1576.7	1557.8	1531.4	1492.7	1443.7	1384.2	1315.5	1238.4	1152.9	1062.8
135	1576.7	1556.8	1531.1	1494.4	1446.3	1389.9	1322.5	1247.4	1164.9	1077.5
140	1576.7	1557.5	1532.4	1497.1	1450.0	1394.9	1328.5	1256.7	1177.0	1091.5
145	1576.7	1559.8	1535.8	1500.7	1454.3	1400.3	1335.5	1266.1	1189.0	1105.5
150	1576.7	1563.2	1539.1	1504.7	1458.7	1405.3	1341.8	1275.4	1199.7	1117.9
155	1576.7	1565.8	1541.8	1507.4	1461.7	1409.9	1348.5	1283.1	1209.7	1129.6
160	1576.7	1565.8	1542.5	1509.1	1464.7	1413.6	1354.5	1290.1	1218.3	1139.9
165	1576.7	1566.2	1543.5	1510.4	1467.0	1417.0	1359.2	1296.1	1225.7	1148.6
170	1576.7	1566.2	1544.1	1511.7	1469.0	1419.6	1363.2	1301.1	1231.4	1154.9
175	1576.7	1566.5	1544.5	1512.4	1470.4	1421.6	1365.5	1304.5	1235.0	1159.6
180	1576.7	1566.8	1544.5	1513.1	1471.0	1422.6	1367.2	1306.1	1237.0	1161.6
185	1576.7	1566.5	1544.8	1513.1	1471.4	1422.6	1366.9	1306.5	1237.0	1161.9
190	1576.7	1566.5	1544.8	1513.1	1471.0	1422.0	1366.2	1304.8	1235.0	1159.9
195	1576.7	1567.2	1544.8	1513.1	1470.7	1421.3	1364.9	1302.5	1232.0	1156.3
200	1576.7	1567.2	1543.1	1512.1	1469.0	1419.3	1362.2	1298.8	1227.4	1150.3
205	1576.7	1566.8	1543.8	1511.1	1467.4	1416.6	1357.9	1293.4	1221.0	1142.2
210	1576.7	1567.2	1543.1	1509.4	1465.4	1413.6	1353.2	1286.4	1212.3	1132.6
215	1576.7	1566.5	1542.5	1508.1	1462.3	1409.3	1347.5	1278.8	1203.0	1121.5
220	1576.7	1564.8	1540.8	1505.7	1459.3	1404.9	1341.2	1270.4	1192.6	1108.9
225	1576.7	1563.8	1539.1	1503.7	1456.0	1400.3	1334.8	1261.7	1181.6	1095.5
230	1576.7	1563.5	1538.5	1501.4	1452.7	1394.9	1327.8	1252.7	1169.6	1081.5
235	1576.7	1564.5	1537.8	1499.1	1448.7	1389.6	1320.8	1243.7	1157.6	1067.1

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-50-4K

240	1576.7	1564.8	1536.4	1497.1	1445.0	1384.2	1313.8	1234.7	1146.6	1052.1
245	1576.7	1564.2	1535.4	1493.7	1441.3	1379.2	1306.8	1226.0	1135.9	1038.8
250	1576.7	1563.5	1533.8	1491.7	1437.6	1373.9	1300.1	1217.7	1126.2	1027.1
255	1576.7	1562.8	1532.4	1489.7	1434.3	1368.9	1294.8	1210.3	1116.9	1016.7
260	1576.7	1562.2	1531.1	1487.7	1431.0	1365.5	1289.1	1203.7	1109.2	1007.4
265	1576.7	1561.8	1530.1	1486.0	1428.3	1361.9	1284.8	1198.3	1102.5	999.7
270	1576.7	1561.1	1529.1	1484.0	1426.3	1359.2	1281.4	1194.6	1097.8	994.4
275	1576.7	1560.5	1528.1	1483.4	1425.0	1357.5	1279.4	1192.3	1094.8	991.7
280	1576.7	1560.1	1527.4	1482.7	1424.0	1356.5	1278.4	1191.6	1094.8	992.0
285	1576.7	1559.1	1526.1	1482.4	1423.6	1356.5	1278.8	1192.3	1096.8	995.0
290	1576.7	1559.1	1526.1	1482.4	1423.0	1357.5	1280.1	1195.0	1100.2	999.7
295	1576.7	1559.1	1525.8	1482.0	1424.0	1358.9	1282.8	1198.3	1105.2	1006.1
300	1576.7	1557.8	1525.8	1482.4	1425.3	1360.9	1285.8	1202.7	1110.9	1013.7
305	1576.7	1554.8	1524.1	1482.4	1426.6	1363.2	1289.4	1208.0	1117.9	1023.4
310	1576.7	1551.1	1521.1	1481.0	1428.6	1365.9	1293.4	1214.0	1126.2	1034.1
315	1576.7	1548.8	1519.4	1480.0	1429.6	1368.6	1297.5	1220.3	1135.2	1045.1
320	1576.7	1549.1	1519.8	1480.7	1431.0	1371.9	1302.5	1227.0	1144.6	1056.5
325	1576.7	1551.5	1522.1	1483.0	1434.0	1375.2	1307.5	1234.4	1153.6	1067.8
330	1576.7	1554.5	1525.1	1485.4	1436.3	1378.2	1312.5	1241.0	1162.3	1078.2
335	1576.7	1556.5	1526.4	1487.4	1438.3	1381.2	1317.1	1247.4	1170.3	1087.8
340	1576.7	1556.5	1526.4	1488.0	1440.0	1383.6	1321.2	1253.1	1177.0	1096.5
345	1576.7	1556.1	1526.8	1488.4	1441.3	1385.6	1324.5	1257.4	1183.3	1103.9
350	1576.7	1555.8	1526.8	1488.4	1442.0	1387.2	1327.2	1261.1	1188.0	1109.2
355	1576.7	1555.8	1527.1	1488.4	1443.0	1388.2	1329.2	1263.7	1191.0	1113.2
360	1576.7	1561.5	1532.8	1494.7	1445.0	1390.9	1331.2	1265.7	1195.0	1114.9

C\G	50	55	60	65	70	75	80	85	90
0	1032.8	945.0	851.5	755.7	658.2	559.8	464.0	377.3	320.0
5	1032.4	945.0	851.5	755.7	657.9	559.4	464.0	376.9	319.6
10	1030.1	942.6	848.8	752.7	654.9	556.8	461.0	374.0	316.6
15	1028.4	940.3	846.2	750.0	652.6	554.1	458.6	371.2	313.7
20	1022.4	934.0	838.8	742.4	643.9	545.4	449.6	362.4	305.1
25	1014.4	924.6	828.1	731.7	632.9	533.7	437.9	350.6	293.7
30	1004.4	913.3	816.1	718.7	618.9	519.7	423.2	336.3	279.6
35	992.7	900.2	802.4	703.3	602.8	503.0	406.6	319.3	263.1
40	980.0	886.2	786.7	686.6	585.1	484.7	387.2	300.2	244.4
45	966.7	871.2	769.7	668.9	565.4	464.3	366.5	279.2	223.9
50	952.6	855.2	752.0	649.2	544.4	440.6	343.8	256.4	201.6
55	938.6	838.2	734.0	629.2	522.7	417.2	320.1	232.0	177.9
60	924.6	821.5	715.3	608.2	500.4	393.2	294.7	206.4	152.9
65	911.6	806.1	697.0	588.1	477.7	368.5	268.7	179.7	127.1
70	900.6	791.8	680.3	568.1	455.3	343.5	242.3	152.5	100.9
75	891.9	780.4	665.6	549.8	433.6	319.8	215.6	124.9	74.9
80	884.6	771.7	654.6	534.7	414.6	297.4	189.9	98.3	50.5
85	880.2	765.7	646.6	524.7	401.2	279.7	149.3	74.6	29.9
90	879.2	763.7	643.9	519.7	394.5	270.7	151.4	58.7	17.3
95	881.5	766.7	646.6	522.7	397.5	274.0	155.3	62.4	19.4
100	887.6	773.4	654.9	532.1	409.6	289.4	173.7	83.3	37.1

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-50-4K

105	896.6	784.7	667.3	548.4	428.9	311.8	199.7	110.4	61.3
110	907.9	797.4	682.6	567.4	452.0	337.8	228.2	139.9	88.7
115	920.3	813.1	701.0	589.5	476.7	364.8	257.8	170.0	117.3
120	935.3	830.5	721.3	612.5	502.0	392.2	287.1	199.7	145.9
125	951.3	849.2	742.0	635.9	527.1	419.6	315.8	228.6	173.8
130	967.0	867.9	763.4	658.9	552.1	445.9	343.4	258.0	200.7
135	984.0	886.9	784.4	681.6	576.1	471.3	369.7	284.3	226.2
140	1000.7	904.9	804.4	702.6	599.5	495.7	394.5	308.9	250.1
145	1016.4	922.3	824.5	723.0	621.2	518.0	417.4	331.6	272.2
150	1030.4	938.6	841.8	741.7	640.9	538.4	439.6	352.2	292.1
155	1043.8	953.3	857.5	758.7	658.6	557.1	458.1	370.5	309.7
160	1055.1	966.0	871.2	773.7	674.3	572.8	474.0	386.1	324.8
165	1064.8	976.7	882.5	785.7	686.6	585.8	487.1	398.9	337.1
170	1072.5	984.7	891.6	795.1	696.3	595.8	496.9	408.6	346.3
175	1077.5	990.4	897.2	801.4	703.0	602.8	503.6	415.1	352.6
180	1080.2	993.0	899.9	804.8	706.3	606.5	506.8	418.2	355.6
185	1080.2	993.4	900.2	804.4	706.3	606.5	506.8	418.2	355.4
190	1077.8	990.7	897.6	801.4	703.3	602.8	503.4	414.9	352.0
195	1073.8	986.0	892.2	795.8	697.0	596.8	496.9	408.5	345.5
200	1066.8	978.3	883.5	786.7	687.6	587.1	487.0	398.6	336.0
205	1057.8	968.3	873.2	775.4	675.9	574.1	474.1	385.7	323.4
210	1046.8	956.0	859.9	761.0	660.6	558.4	458.0	369.8	307.9
215	1034.1	941.6	844.2	744.0	642.9	540.1	439.2	351.1	289.8
220	1020.1	925.6	826.8	725.3	622.9	519.0	418.0	330.1	269.3
225	1004.4	907.9	807.8	705.0	601.2	496.4	394.7	306.8	246.5
230	988.0	889.9	787.8	683.9	578.1	472.0	369.6	281.7	222.1
235	971.3	870.5	766.4	659.6	552.1	446.3	342.8	254.8	194.3
240	953.6	851.5	745.4	636.2	526.7	419.2	314.6	226.4	166.6
245	937.6	832.8	724.0	612.5	501.0	391.5	285.2	196.7	137.8
250	923.3	815.1	703.6	589.1	474.7	363.2	255.0	166.0	108.4
255	910.9	800.1	684.9	567.1	450.0	335.8	224.9	135.3	79.4
260	899.6	786.7	669.9	548.8	427.3	309.4	195.8	105.3	52.1
265	890.6	776.1	656.6	533.7	409.9	288.1	170.4	78.3	28.9
270	884.6	768.7	648.9	524.7	398.5	274.4	154.2	59.1	15.2
275	881.9	766.1	645.9	522.7	397.2	273.4	154.3	61.7	17.5
280	882.9	767.7	649.6	527.1	404.2	283.4	168.6	79.9	32.4
285	886.9	773.1	656.6	537.1	417.9	301.1	190.4	103.6	53.7
290	892.9	781.4	667.9	552.1	436.3	323.4	216.8	129.6	78.0
295	901.2	792.4	682.3	569.5	457.0	346.5	242.3	155.9	103.4
300	911.9	806.1	698.3	588.5	478.7	369.8	267.8	182.1	128.8
305	924.3	820.8	715.7	608.2	500.4	393.9	292.9	207.7	153.9
310	937.6	836.5	733.7	627.9	522.1	418.2	317.2	232.3	178.1
315	951.3	853.2	751.4	647.6	542.7	440.3	340.4	255.8	201.1
320	965.0	868.5	768.4	666.6	563.1	462.0	362.3	277.8	222.8
325	978.3	883.5	785.1	683.9	582.1	481.7	382.7	298.3	242.9
330	990.7	897.6	800.8	700.3	599.5	500.0	401.4	316.9	261.2
335	1001.7	910.3	814.1	715.0	615.2	516.0	417.9	333.4	277.3
340	1011.4	920.6	826.1	728.0	628.9	530.1	432.2	347.6	291.2
345	1019.7	929.9	836.2	738.3	640.2	541.4	443.8	359.2	302.5

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-50-4K

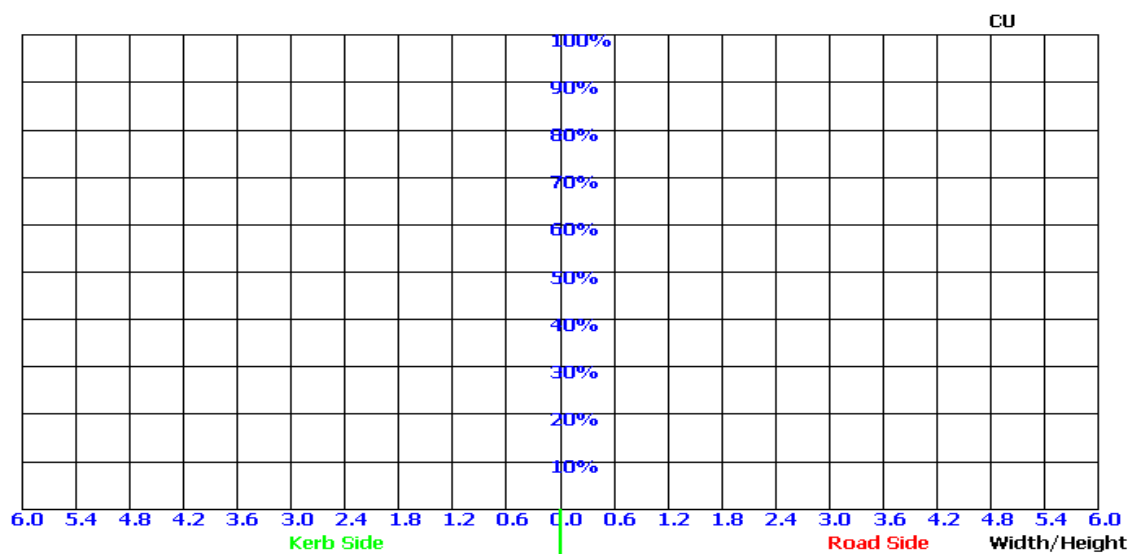
350	1025.7	937.0	843.5	746.7	648.9	550.4	452.8	368.0	311.1
355	1029.8	941.6	848.5	752.4	654.9	556.1	458.7	373.9	316.8
360	1032.8	945.0	851.5	755.7	658.2	559.8	464.0	377.3	320.0

RP Lighting + Fans

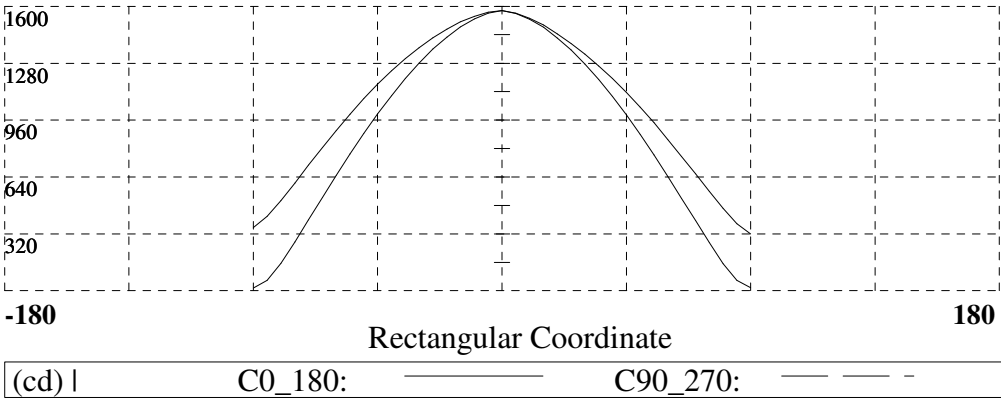
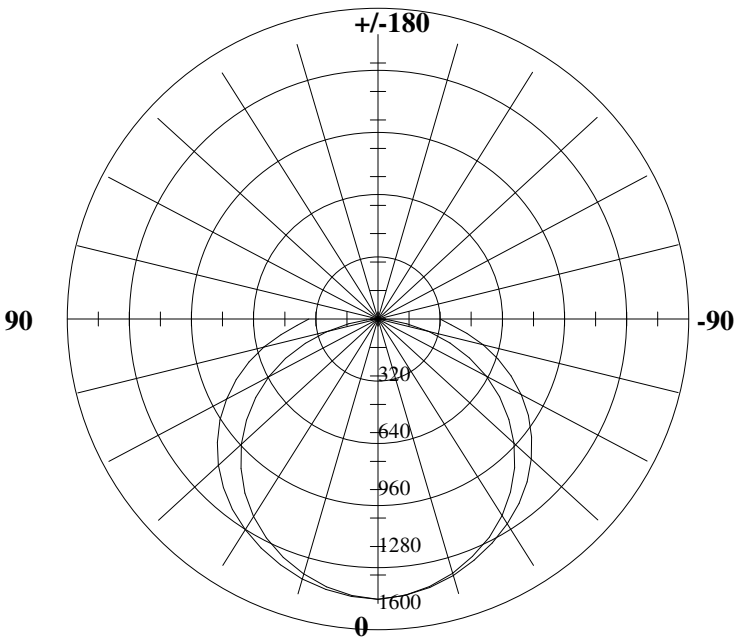
Zonal Flux 4117-1-50-4K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1576.69	0.00	0.00	0.00	0.00
5	1560.77	37.51	37.51	-3750.75	-3750.75
10	1532.30	110.65	148.16	-11064.92	-14815.66
15	1492.85	179.45	327.61	-17945.02	-32760.68
20	1441.36	241.82	569.43	-24182.03	-56942.71
25	1382.46	296.17	865.59	-29616.65	-86559.36
30	1314.61	341.32	1206.91	-34131.59	-120690.98
35	1239.58	376.12	1583.03	-37612.21	-158303.15
40	1156.57	399.78	1982.81	-39977.97	-198281.13
45	1067.36	411.78	2394.59	-41177.83	-239459.01
50	972.99	412.28	2806.87	-41228.27	-280687.21
55	873.92	401.58	3208.45	-40157.94	-320845.12
60	770.28	380.05	3588.50	-38005.08	-358850.17
65	664.44	348.78	3937.28	-34878.33	-393728.39
70	557.37	309.37	4246.66	-30937.06	-424665.63
75	450.84	263.53	4510.19	-26352.93	-451018.60
80	347.73	213.67	4723.86	-21367.41	-472385.89
85	260.12	165.17	4889.02	-16516.64	-488902.34
90	204.54	127.23	5016.25	-12722.60	-501624.80

RP Lighting + Fans
Coefficient Utilization Curve 4117-1-50-4K

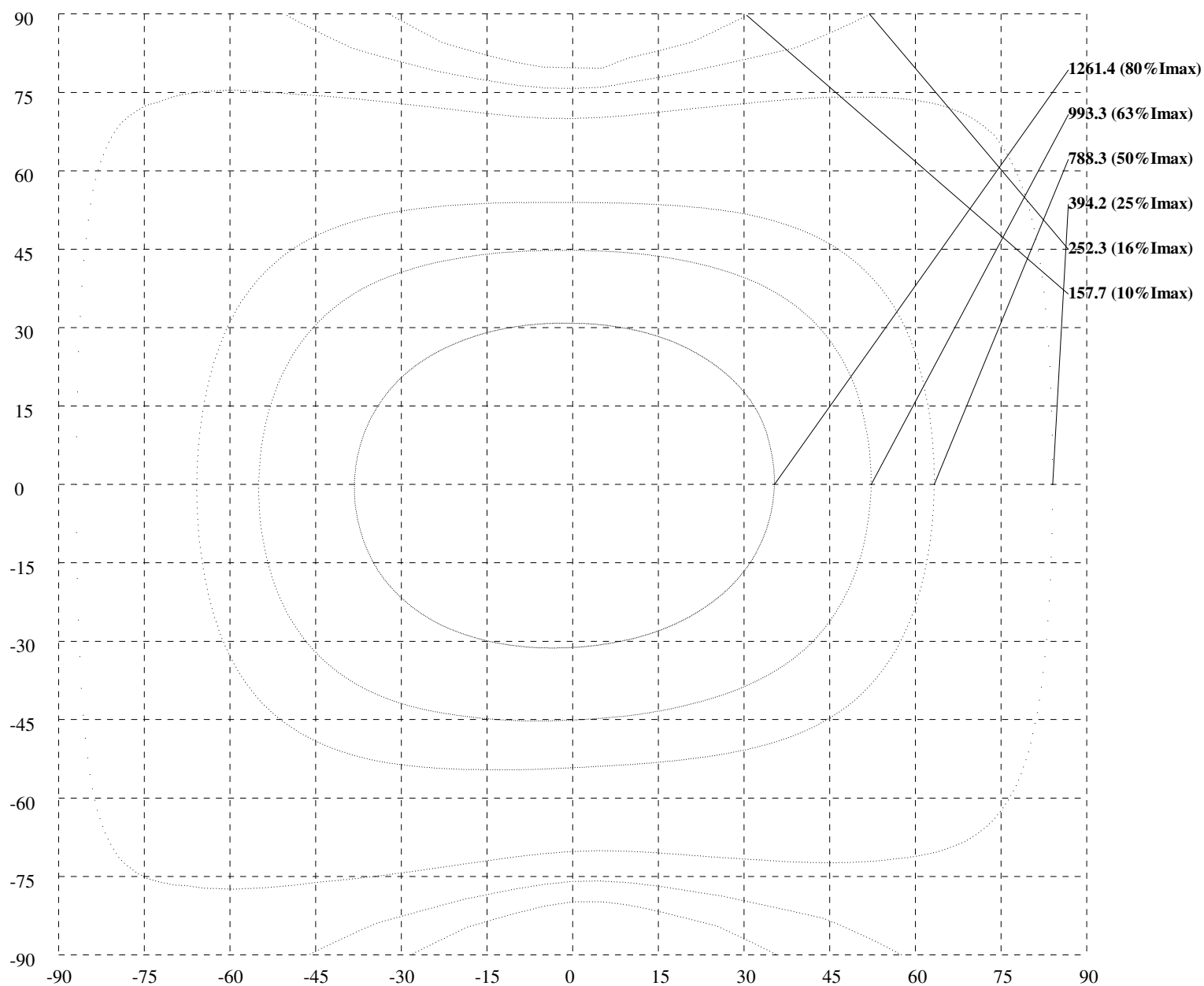


Light Distribution Curve[Unit: cd]



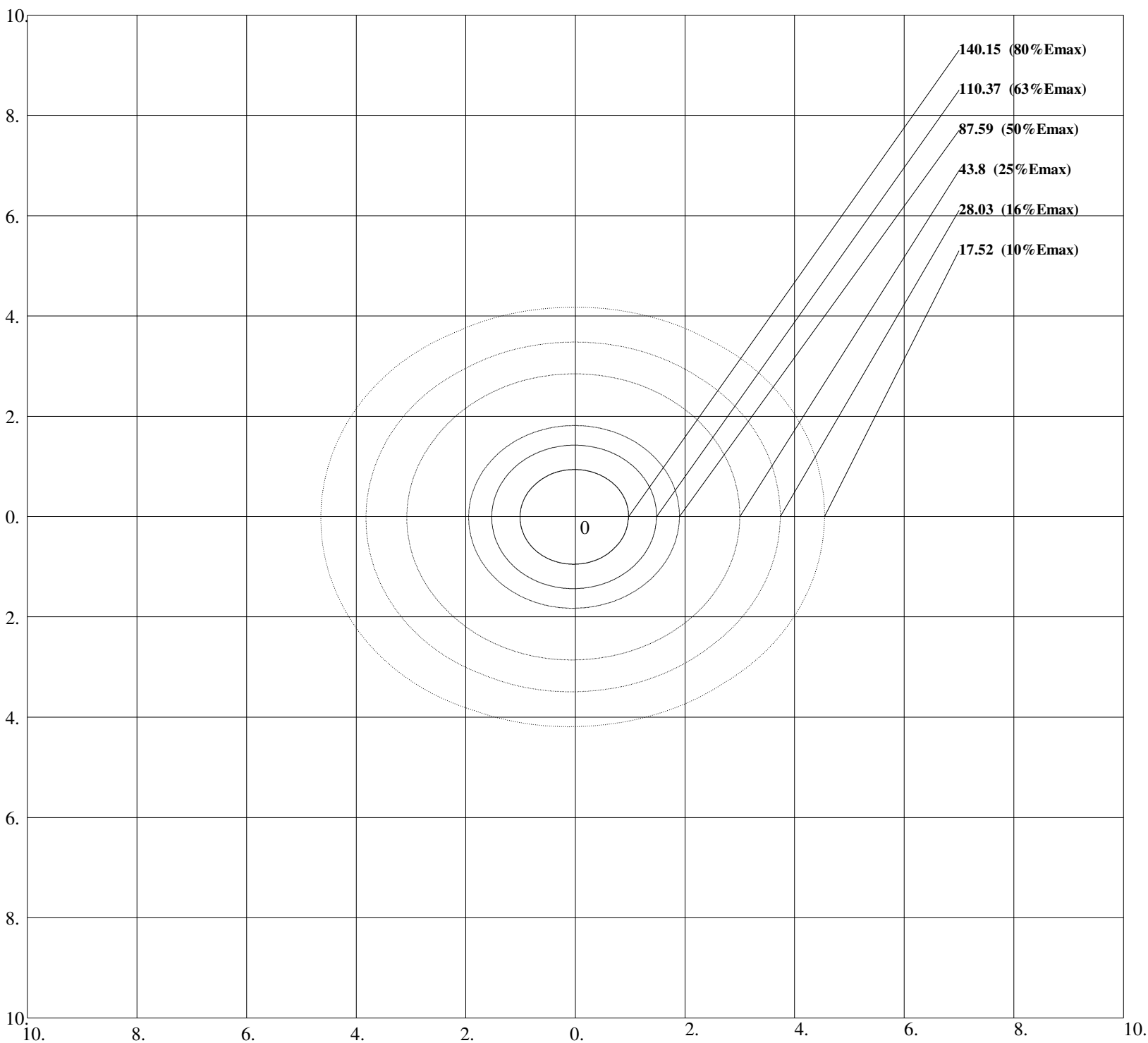
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 4117-1-50-4K



RP Lighting + Fans

Iso-Lux [Unit :lx] 4117-1-50-4K



Units: lx
Height: 3 m
Max Illuminance : 175.19lx

RP Lighting + Fans

Lux-Distance Curve

