



JESCO LIGHTING

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Test Report of Luminaire

Report No.:

Luminaire Type	RLH-6030N-40		
Lamp Type	LUMILEDS-28W		
Client		EUT NO.	
Luminaire Parameters:			
Voltage	120.1	Current	0.231
Power:	27.1	Power Factor	0.978
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	1257.75 lm	Luminaire Eff.	104.81%
Max Intensity	1272.752cd	Central Intensity	1263.84cd
Angle of Max Intensity:	C:130 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	104.81%		
50%Imax Beam Width	C0_180[28.7 , -30.8] C90_270[31.3 , -28.7]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] RLH-6030N-40

C\G	0	5	10	15	20	25	30	35	40	45
0	1263.8	1246.4	1184.0	1103.5	950.3	780.7	587.5	408.2	269.0	156.1
5	1263.8	1249.7	1191.6	1101.9	953.3	787.1	595.8	407.9	268.7	155.1
10	1263.8	1253.1	1203.0	1104.9	964.0	784.7	598.2	416.2	274.7	154.5
15	1263.8	1254.4	1211.7	1113.9	968.0	786.7	600.8	428.6	276.4	151.4
20	1263.8	1254.7	1216.3	1124.2	979.7	791.8	606.8	426.6	277.0	151.7
25	1263.8	1251.7	1213.7	1128.2	993.7	797.8	618.2	434.6	281.7	151.3
30	1263.8	1251.1	1204.3	1132.9	993.7	811.1	625.2	439.3	283.4	153.5
35	1263.8	1250.7	1196.3	1136.6	998.0	814.5	630.9	442.6	286.1	155.8
40	1263.8	1251.1	1189.6	1135.9	1002.0	817.1	640.2	448.0	288.1	158.8
45	1263.8	1250.7	1191.0	1135.2	1010.1	829.8	648.9	452.6	287.7	160.6
50	1263.8	1252.1	1201.0	1137.2	1018.4	837.8	656.9	454.0	291.4	161.8
55	1263.8	1256.4	1210.0	1137.2	1015.7	848.5	663.9	461.6	292.4	161.0
60	1263.8	1258.7	1222.0	1148.6	1016.4	845.2	668.3	470.0	299.4	158.0
65	1263.8	1260.4	1235.0	1163.6	1028.1	850.2	671.3	475.0	299.1	157.6
70	1263.8	1262.1	1242.7	1174.3	1031.1	859.5	675.6	481.3	303.4	158.6
75	1263.8	1264.7	1245.0	1179.0	1034.4	858.8	673.9	485.3	303.8	160.4
80	1263.8	1265.1	1244.4	1169.6	1037.4	857.8	678.6	489.7	306.4	160.3
85	1263.8	1264.4	1240.0	1163.3	1036.1	866.5	687.3	493.0	306.1	165.3
90	1263.8	1264.1	1233.0	1165.3	1039.4	871.5	687.3	490.7	307.1	168.3
95	1263.8	1262.7	1232.4	1169.6	1044.4	871.5	688.6	494.0	307.4	169.9
100	1263.8	1264.7	1236.0	1174.6	1039.4	870.5	694.3	495.3	311.4	170.2
105	1263.8	1266.4	1242.0	1177.6	1039.8	864.9	691.0	502.7	315.8	168.7
110	1263.8	1269.4	1249.7	1185.0	1044.4	864.5	690.3	503.0	322.4	167.8
115	1263.8	1271.4	1255.1	1191.0	1050.1	860.5	695.0	505.7	323.8	167.8
120	1263.8	1271.8	1255.7	1188.6	1050.1	863.2	683.9	506.0	329.5	167.8
125	1263.8	1272.1	1255.7	1182.0	1044.1	862.9	681.9	498.0	331.1	170.1
130	1263.8	1272.8	1251.7	1175.3	1040.4	868.2	684.6	500.4	330.5	173.3
135	1263.8	1272.4	1243.7	1166.3	1041.1	863.2	684.9	498.7	326.4	174.5
140	1263.8	1271.8	1240.4	1158.3	1040.4	862.5	690.6	495.3	324.8	177.6
145	1263.8	1270.1	1236.0	1162.6	1037.8	861.9	687.6	493.3	327.8	177.2
150	1263.8	1269.4	1238.0	1177.3	1038.1	863.9	682.3	493.0	327.8	179.0
155	1263.8	1268.7	1242.7	1191.6	1043.1	859.5	679.6	494.0	330.5	179.3
160	1263.8	1269.1	1250.1	1196.3	1041.8	854.8	676.9	490.3	327.1	178.7
165	1263.8	1270.4	1255.7	1197.0	1037.4	857.8	672.6	484.0	328.5	178.2
170	1263.8	1270.4	1257.7	1186.6	1034.8	854.2	670.6	486.7	325.1	180.0
175	1263.8	1271.4	1255.4	1172.3	1038.4	853.5	669.9	484.3	320.4	180.5
180	1263.8	1271.1	1251.4	1164.9	1032.1	853.8	667.9	476.3	313.1	180.8
185	1263.8	1271.8	1247.1	1159.3	1026.4	851.5	665.9	476.7	308.8	181.3
190	1263.8	1271.1	1244.4	1159.9	1027.1	840.8	661.2	472.3	311.4	177.2
195	1263.8	1268.4	1244.4	1167.6	1031.1	835.1	655.9	466.6	309.1	178.1
200	1263.8	1264.1	1243.4	1171.3	1027.7	837.8	650.6	459.6	303.4	177.0
205	1263.8	1260.1	1240.7	1167.6	1025.1	831.8	645.2	456.0	302.1	172.4
210	1263.8	1256.7	1235.4	1162.3	1022.4	829.5	638.9	451.6	301.1	172.3
215	1263.8	1253.7	1227.7	1155.3	1011.4	828.1	636.9	448.0	294.1	170.1
220	1263.8	1252.4	1216.3	1140.9	1006.4	824.8	634.5	441.6	292.4	169.0
225	1263.8	1253.1	1208.0	1128.6	1000.0	826.1	630.5	431.3	288.4	167.0
230	1263.8	1254.4	1204.7	1124.2	989.0	820.8	626.9	432.3	286.4	166.1
235	1263.8	1255.1	1207.3	1129.2	992.7	814.1	622.9	424.6	282.1	166.3

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Photometric Data Table [Unit:cd] RLH-6030N-40

240	1263.8	1254.7	1208.3	1134.2	994.0	814.1	613.5	420.9	282.7	167.1
245	1263.8	1254.7	1211.7	1137.6	991.0	805.8	606.2	415.2	283.1	168.3
250	1263.8	1254.1	1211.7	1135.9	989.0	799.4	594.2	413.2	279.4	168.1
255	1263.8	1251.7	1212.7	1133.6	986.7	792.8	592.5	410.6	276.7	167.5
260	1263.8	1249.1	1211.3	1126.6	987.4	792.8	596.5	406.2	275.0	167.5
265	1263.8	1246.4	1205.0	1117.5	974.3	786.4	587.1	401.6	272.7	166.9
270	1263.8	1243.7	1200.0	1109.5	967.3	780.4	585.5	401.6	269.7	165.7
275	1263.8	1240.4	1198.0	1102.5	969.7	779.7	579.1	399.9	267.4	164.3
280	1263.8	1238.4	1198.3	1106.2	968.7	776.4	577.8	398.2	267.4	163.7
285	1263.8	1237.4	1200.0	1109.9	962.0	764.1	571.8	397.2	266.4	163.1
290	1263.8	1234.0	1198.7	1107.2	957.7	761.4	571.1	397.2	266.7	161.1
295	1263.8	1233.4	1193.3	1104.9	952.0	763.4	562.8	391.5	267.4	159.1
300	1263.8	1231.7	1193.6	1102.9	939.3	760.4	563.1	395.5	265.4	157.4
305	1263.8	1231.4	1188.6	1094.5	937.6	758.0	556.8	391.5	265.0	155.8
310	1263.8	1230.0	1180.0	1082.5	937.6	754.4	558.1	392.5	263.7	153.7
315	1263.8	1229.0	1172.9	1076.5	933.0	757.4	564.1	392.2	261.7	152.0
320	1263.8	1228.0	1170.6	1072.5	930.3	753.0	558.1	394.9	262.0	151.5
325	1263.8	1226.4	1171.6	1078.5	933.6	750.4	555.8	396.9	263.0	151.4
330	1263.8	1226.4	1178.3	1088.2	933.3	751.7	558.8	394.5	266.4	151.2
335	1263.8	1226.0	1182.3	1096.2	940.0	748.7	556.1	395.5	267.7	151.0
340	1263.8	1225.7	1184.3	1098.8	940.3	751.4	561.1	395.9	270.0	152.7
345	1263.8	1228.0	1183.3	1096.5	937.6	756.4	563.8	401.2	269.0	153.8
350	1263.8	1231.4	1179.0	1094.8	943.3	756.0	573.1	404.9	268.4	155.4
355	1263.8	1237.0	1175.6	1094.5	943.0	766.1	577.5	407.9	270.4	154.8
360	1263.8	1246.4	1184.0	1103.5	950.3	780.7	587.5	408.2	269.0	156.1

C\G	50	55	60	65	70	75	80	85	90
0	70.2	25.1	4.0	1.5	1.2	1.0	0.7	0.6	0.5
5	70.1	24.6	3.8	1.5	1.2	1.1	0.8	0.6	0.6
10	71.3	24.2	3.6	1.6	1.4	1.1	0.8	0.6	0.5
15	72.6	24.0	3.2	1.7	1.4	1.0	0.7	0.6	0.4
20	73.6	24.0	3.1	1.5	1.2	1.0	0.7	0.6	0.5
25	73.8	23.9	2.9	1.5	1.2	0.9	0.8	0.6	0.5
30	72.3	23.8	2.8	1.5	1.2	1.0	0.8	0.6	0.5
35	70.5	23.2	2.7	1.5	1.2	0.9	0.7	0.6	0.5
40	67.8	22.4	2.5	1.5	1.1	0.8	0.8	0.5	0.5
45	66.9	21.7	2.4	1.4	1.0	0.8	0.7	0.6	0.5
50	66.8	21.4	2.4	1.4	1.0	0.8	0.6	0.6	0.5
55	68.3	21.2	2.3	1.4	1.1	0.8	0.8	0.6	0.5
60	70.7	21.6	2.4	1.3	1.0	0.8	0.7	0.6	0.5
65	72.9	22.1	2.3	1.3	1.0	0.7	0.7	0.6	0.5
70	74.2	22.5	2.3	1.3	1.0	0.9	0.7	0.6	0.4
75	74.9	22.8	2.5	1.4	1.1	0.8	0.8	0.6	0.5
80	74.0	22.8	2.5	1.3	0.9	0.7	0.6	0.5	0.5
85	72.1	22.6	2.5	1.3	1.0	0.7	0.7	0.6	0.5
90	69.9	22.1	2.6	1.4	1.0	0.9	0.7	0.6	0.5
95	69.6	21.8	2.7	1.3	0.9	0.7	0.6	0.5	0.5
100	70.6	21.8	2.7	1.2	1.1	0.8	0.7	0.6	0.4

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Photometric Data Table [Unit:cd] RLH-6030N-40

105	73.2	21.9	2.8	1.3	1.0	0.8	0.7	0.6	0.4
110	75.3	22.0	2.9	1.4	1.1	0.8	0.7	0.6	0.5
115	78.1	22.4	3.2	1.4	1.0	0.9	0.6	0.7	0.5
120	78.6	22.5	3.5	1.3	0.9	0.7	0.7	0.6	0.5
125	77.1	22.6	3.8	1.4	1.0	0.7	0.7	0.6	0.5
130	75.6	22.8	4.1	1.3	1.0	0.8	0.6	0.6	0.4
135	74.0	23.2	4.4	1.4	1.1	0.8	0.6	0.6	0.5
140	73.3	23.9	4.8	1.4	1.1	0.9	0.6	0.6	0.5
145	74.8	25.0	5.5	1.4	1.2	1.0	0.7	0.6	0.5
150	78.3	25.9	6.4	1.4	1.1	0.9	0.7	0.6	0.4
155	82.5	27.1	7.4	1.5	1.2	0.8	0.6	0.6	0.5
160	86.0	28.1	8.3	1.5	1.1	1.0	0.8	0.6	0.5
165	87.5	28.7	8.9	1.5	1.2	0.9	0.7	0.7	0.5
170	86.5	28.9	8.7	1.6	1.2	0.9	0.8	0.6	0.5
175	84.1	28.9	8.4	1.7	1.2	1.0	0.8	0.6	0.4
180	82.8	29.1	8.0	1.6	1.4	1.0	0.8	0.7	0.4
185	81.7	29.2	7.9	1.6	1.3	1.1	0.7	0.7	0.5
190	82.4	29.6	8.4	1.7	1.4	1.0	0.9	0.7	0.5
195	83.9	29.9	8.8	1.7	1.3	1.1	0.9	0.7	0.5
200	86.3	30.1	9.5	1.8	1.2	1.1	0.7	0.7	0.5
205	87.8	30.3	10.4	1.7	1.3	1.0	0.8	0.7	0.5
210	88.0	30.1	10.5	1.7	1.2	1.0	0.9	0.6	0.5
215	86.6	29.9	10.1	1.7	1.3	1.0	0.8	0.6	0.4
220	83.6	29.6	9.6	1.7	1.3	1.1	0.7	0.7	0.5
225	81.7	29.5	9.2	1.7	1.3	1.0	0.9	0.6	0.5
230	80.7	29.5	9.2	1.7	1.2	1.0	0.8	0.6	0.5
235	81.3	29.7	9.6	1.6	1.2	0.9	0.9	0.6	0.6
240	83.2	30.2	10.2	1.6	1.2	1.0	0.8	0.7	0.6
245	85.5	30.8	10.6	1.7	1.2	0.9	0.8	0.8	0.4
250	86.7	30.9	11.1	1.6	1.1	1.0	0.8	0.7	0.6
255	86.3	31.0	11.1	1.6	1.3	0.9	0.8	0.6	0.6
260	84.1	30.7	10.8	1.6	1.2	0.9	0.8	0.7	0.5
265	81.6	30.4	10.0	1.6	1.2	0.9	0.7	0.5	0.5
270	79.2	30.2	9.4	1.5	1.2	0.9	0.8	0.6	0.5
275	78.2	30.1	9.2	1.6	1.2	0.9	0.7	0.6	0.6
280	78.9	30.3	9.3	1.6	1.1	0.9	0.8	0.6	0.5
285	80.3	30.7	9.6	1.5	1.2	1.0	0.7	0.7	0.5
290	81.7	30.9	9.9	1.6	1.2	1.0	0.7	0.6	0.4
295	82.5	30.8	10.0	1.6	1.2	1.0	0.7	0.7	0.5
300	81.5	30.3	9.4	1.6	1.1	1.0	0.7	0.6	0.5
305	78.4	29.5	8.8	1.5	1.1	0.9	0.8	0.6	0.5
310	75.3	28.3	7.8	1.5	1.1	0.9	0.7	0.5	0.4
315	73.1	27.3	7.1	1.5	1.2	0.9	0.8	0.7	0.6
320	72.6	26.8	6.7	1.5	1.2	1.0	0.7	0.6	0.5
325	73.7	26.3	6.6	1.5	1.1	0.9	0.8	0.6	0.6
330	75.5	26.3	6.5	1.6	1.2	0.9	0.8	0.6	0.5
335	77.3	26.7	6.3	1.6	1.2	1.0	0.7	0.6	0.5
340	77.7	26.9	5.9	1.6	1.2	1.1	0.9	0.7	0.5
345	76.2	26.9	5.3	1.6	1.1	0.9	0.8	0.7	0.5

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Photometric Data Table [Unit:cd] RLH-6030N-40

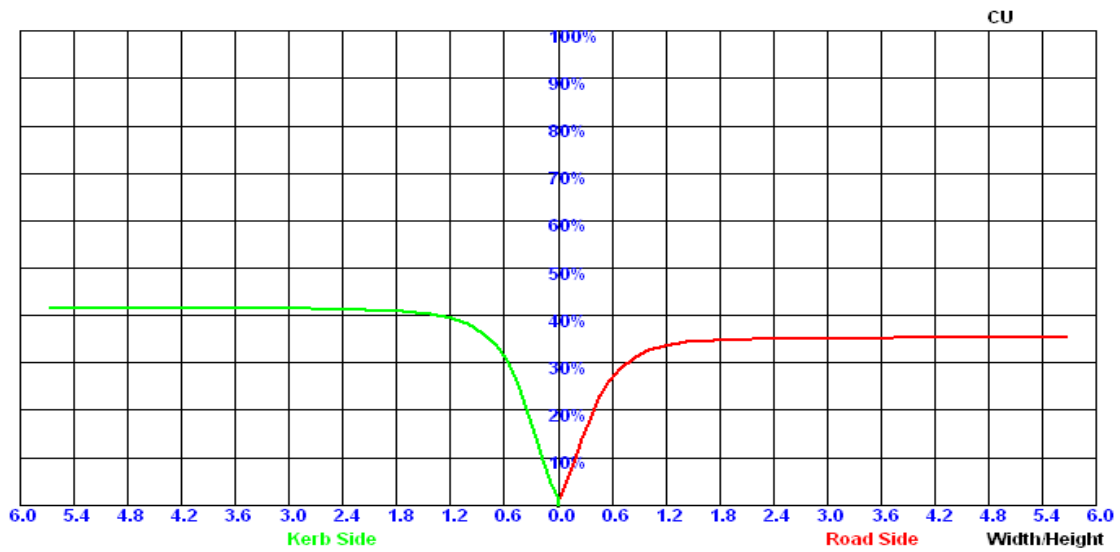
350	73.6	26.5	4.8	1.6	1.2	1.0	0.8	0.6	0.5
355	71.1	25.6	4.4	1.5	1.2	0.9	0.8	0.6	0.6
360	70.2	25.1	4.0	1.5	1.2	1.0	0.7	0.6	0.5

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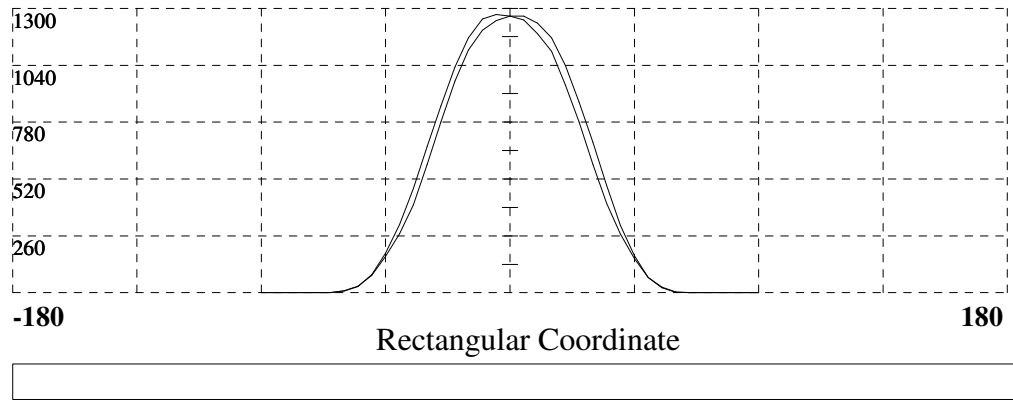
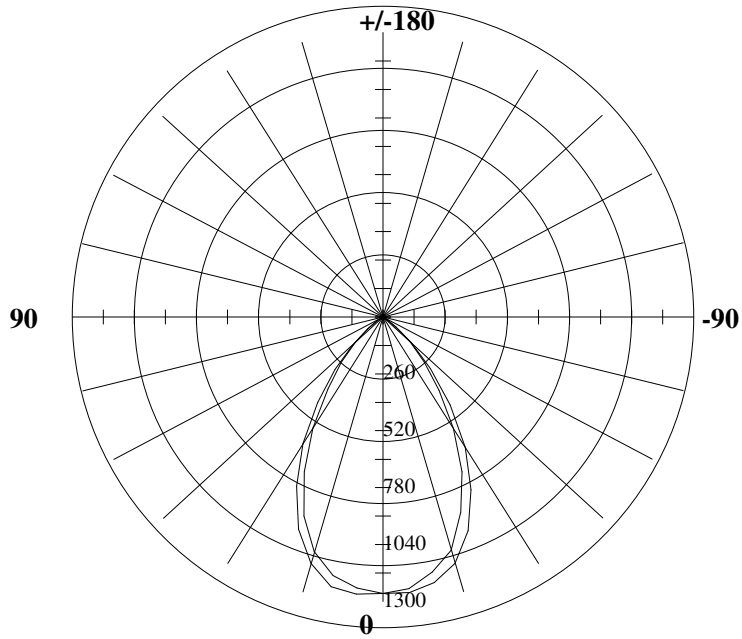
Zonal FluxRLH-6030N-40

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1263.84	0.00	0.00	0.00	0.00
5	1253.71	30.10	30.10	2.51	2.51
10	1217.40	88.40	118.50	7.37	9.87
15	1139.44	139.81	258.30	11.65	21.53
20	998.83	176.22	434.53	14.69	36.21
25	817.08	190.46	624.98	15.87	52.08
30	630.02	183.13	808.11	15.26	67.34
35	445.61	158.39	966.51	13.20	80.54
40	292.66	123.17	1089.68	10.26	90.81
45	164.74	84.69	1174.38	7.06	97.86
50	77.49	48.95	1223.32	4.08	101.94
55	26.45	22.60	1245.92	1.88	103.83
60	6.30	7.57	1253.50	0.63	104.46
65	1.52	1.90	1255.40	0.16	104.62
70	1.16	0.68	1256.08	0.06	104.67
75	0.92	0.54	1256.62	0.05	104.72
80	0.75	0.45	1257.07	0.04	104.76
85	0.62	0.37	1257.44	0.03	104.79
90	0.50	0.31	1257.75	0.03	104.81

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Coefficient Utilization Curve RLH-6030N-40

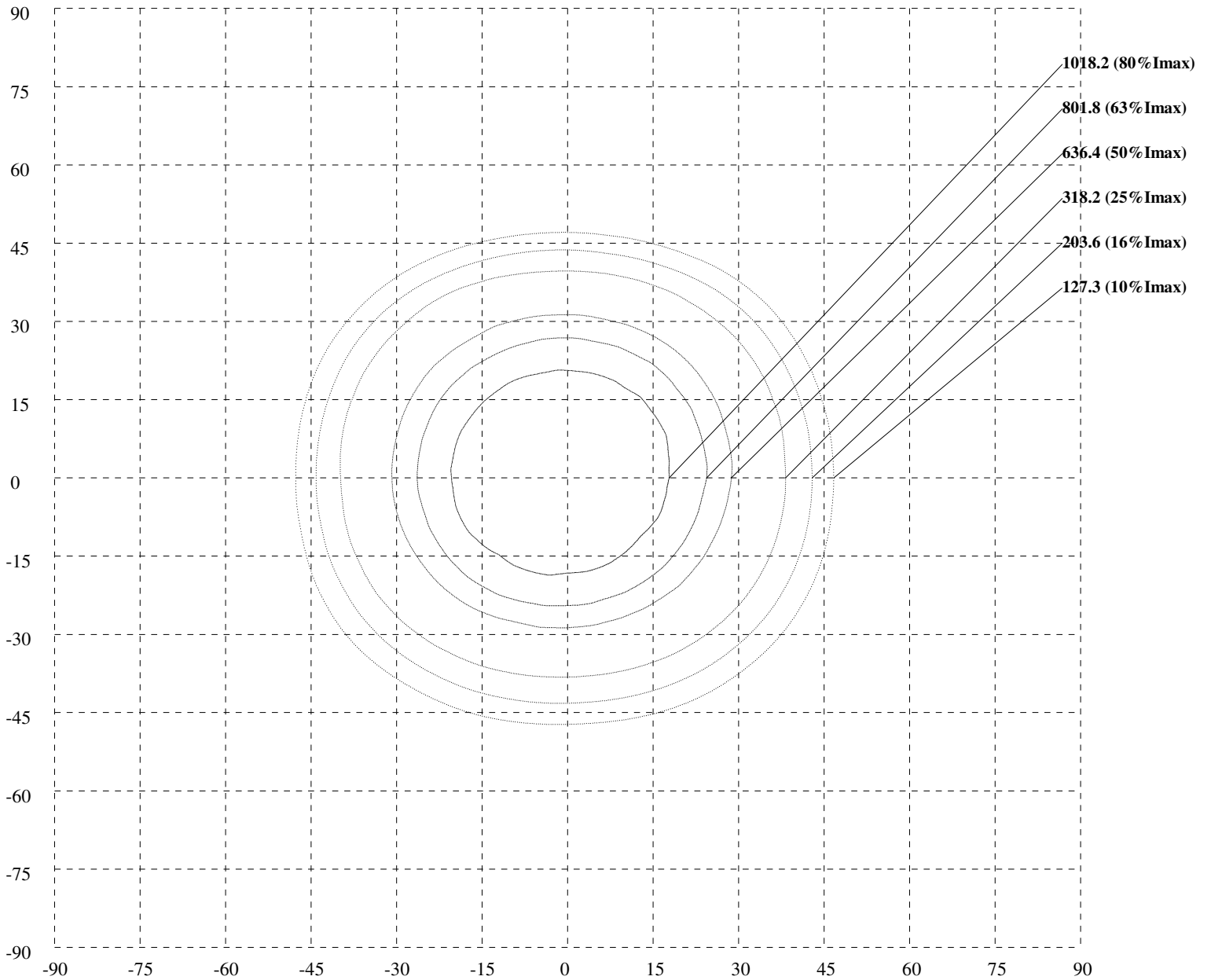


Light Distribution Curve[Unit: cd]



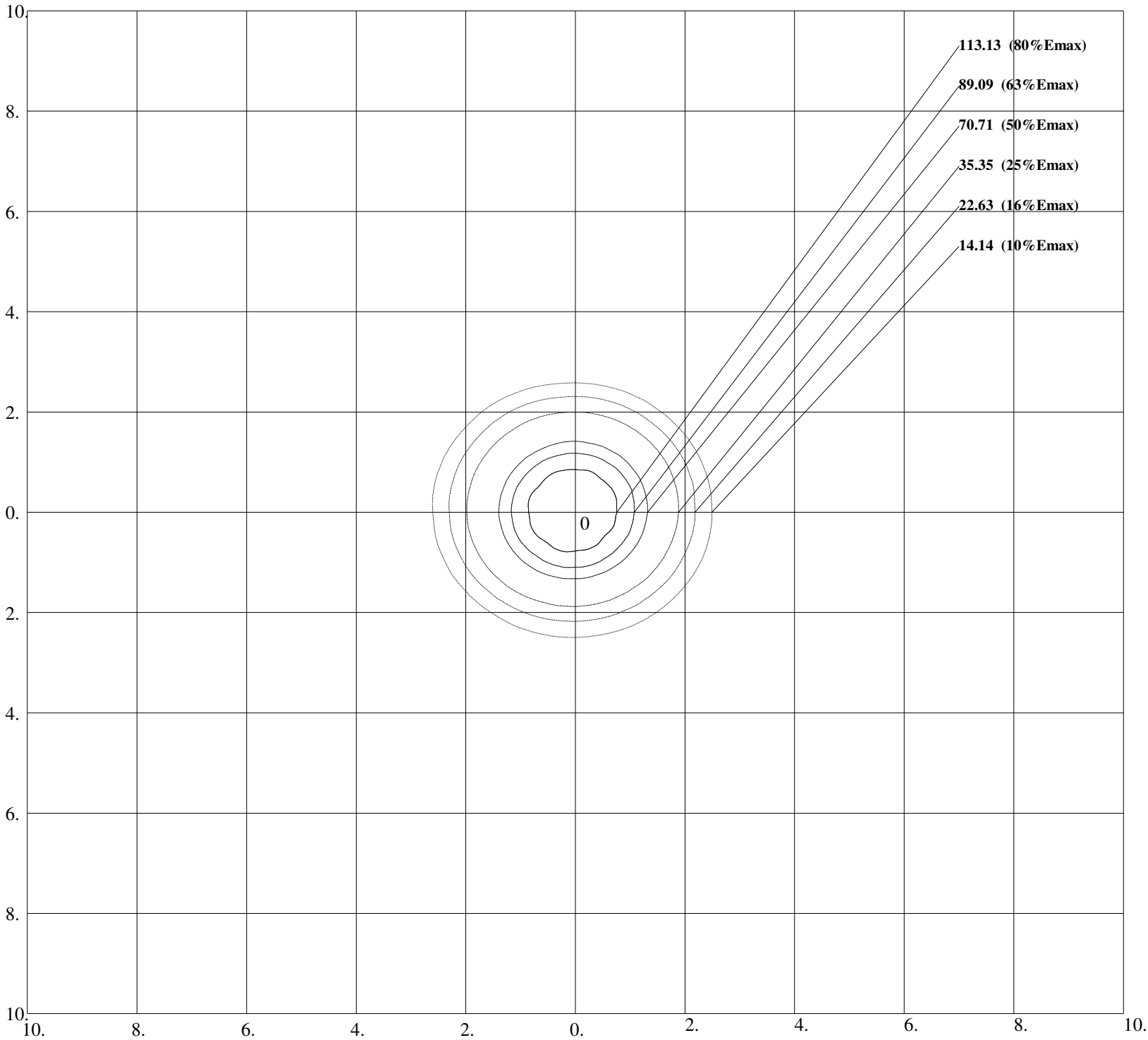
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ISO-Candela V-H [Unit :cd]RLH-6030N-40



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Iso-Lux [Unit :lx]RLH-6030N-40



Units: lx
Height: 3 m
Max Illuminance : 141.42lx

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Lux-Distance Curve

