



JESCO LIGHTING

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Test Report of Luminaire

Report No.:

Luminaire Type	RLH-6030N-30		
Lamp Type	LUMILEDS-28W		
Client		EUT NO.	
Luminaire Parameters:			
Voltage	120.3	Current	0.236
Power:	28.1	Power Factor	0.987
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1338.85 lm	Luminaire Eff.	111.57%
Max Intensity	1316.479cd	Central Intensity	1287.707cd
Angle of Max Intensity:	C:355 G:10		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	111.57%		
50%Imax Beam Width	C0_180[32.6 ,-28.2] C90_270[28.8 ,-32.0]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] RLH-6030N-30

C\G	0	5	10	15	20	25	30	35	40	45
0	1287.7	1307.5	1312.8	1249.1	1124.5	953.6	761.7	565.1	376.5	208.6
5	1287.7	1306.5	1303.8	1234.4	1117.9	951.3	759.7	569.8	373.8	207.6
10	1287.7	1304.5	1296.1	1224.0	1111.5	946.0	751.0	558.8	373.5	206.3
15	1287.7	1301.1	1291.4	1220.0	1112.2	941.6	749.7	549.8	361.8	201.9
20	1287.7	1298.5	1291.1	1221.7	1103.9	933.3	740.4	543.4	357.2	201.9
25	1287.7	1296.5	1291.1	1223.0	1090.8	928.6	741.7	536.1	352.5	197.6
30	1287.7	1294.4	1288.4	1221.3	1088.8	920.6	729.0	527.4	345.8	195.9
35	1287.7	1293.1	1282.1	1213.0	1084.8	916.3	720.3	519.7	339.5	190.9
40	1287.7	1290.8	1269.1	1200.3	1075.1	907.2	715.3	510.4	334.1	186.3
45	1287.7	1288.1	1252.7	1186.6	1063.5	897.6	704.0	499.0	327.8	183.3
50	1287.7	1285.1	1238.0	1170.6	1059.1	885.9	703.3	494.3	316.8	178.6
55	1287.7	1281.8	1231.0	1165.9	1051.8	873.2	688.3	480.7	314.1	175.6
60	1287.7	1278.4	1227.0	1165.3	1044.8	869.2	678.3	471.6	310.8	173.2
65	1287.7	1273.8	1228.7	1162.6	1034.8	858.8	659.9	461.0	305.1	171.2
70	1287.7	1268.7	1233.4	1167.3	1027.4	845.5	650.2	455.6	298.7	167.2
75	1287.7	1263.7	1234.0	1165.3	1019.4	833.5	641.2	449.3	292.1	165.1
80	1287.7	1257.7	1230.4	1154.9	1012.4	826.1	635.5	438.3	291.1	163.6
85	1287.7	1254.7	1221.7	1142.2	992.7	818.1	621.5	435.9	285.1	158.0
90	1287.7	1251.4	1209.0	1129.2	975.7	809.1	608.5	424.6	269.7	158.1
95	1287.7	1249.4	1194.6	1120.5	962.3	800.4	604.8	413.6	268.4	150.8
100	1287.7	1247.1	1187.3	1118.9	957.3	791.8	598.5	409.6	258.4	151.5
105	1287.7	1246.4	1189.6	1111.9	951.3	778.1	584.5	406.6	261.4	151.2
110	1287.7	1245.4	1195.3	1106.9	950.0	773.4	583.5	399.6	261.7	148.2
115	1287.7	1244.4	1199.0	1108.5	952.0	768.1	584.5	404.9	261.7	147.1
120	1287.7	1244.4	1201.7	1107.2	959.0	764.4	581.5	402.6	262.7	146.7
125	1287.7	1243.4	1197.6	1104.5	956.0	765.7	578.8	403.9	263.0	149.0
130	1287.7	1243.0	1190.0	1101.5	958.3	761.7	581.5	405.9	270.7	150.2
135	1287.7	1241.0	1177.0	1092.8	955.0	767.1	584.1	407.9	269.7	152.0
140	1287.7	1237.4	1166.9	1081.8	952.6	768.4	587.8	408.6	269.7	153.7
145	1287.7	1234.7	1157.3	1073.5	956.3	775.7	589.8	408.9	272.4	155.1
150	1287.7	1231.4	1152.6	1073.5	945.3	777.4	586.1	411.6	275.4	156.6
155	1287.7	1231.4	1154.9	1080.2	946.3	774.7	581.8	409.2	276.7	158.4
160	1287.7	1230.7	1165.9	1085.2	949.6	775.1	589.5	419.2	277.4	161.0
165	1287.7	1231.4	1177.6	1092.8	947.0	766.7	583.1	417.2	280.1	162.8
170	1287.7	1232.4	1186.0	1100.5	945.6	769.7	584.1	417.2	280.4	164.5
175	1287.7	1233.7	1190.6	1107.5	949.0	772.1	582.1	418.6	280.4	167.4
180	1287.7	1222.3	1189.6	1107.9	951.3	775.4	591.8	421.2	281.1	169.2
185	1287.7	1224.0	1183.6	1102.5	958.0	781.7	595.2	422.6	283.1	170.7
190	1287.7	1225.7	1177.6	1100.8	969.0	792.4	601.8	429.6	284.7	173.4
195	1287.7	1228.0	1176.3	1102.5	973.7	804.8	612.8	430.3	287.1	175.3
200	1287.7	1231.4	1180.3	1107.9	978.3	810.4	619.2	437.6	292.4	180.2
205	1287.7	1234.4	1188.0	1120.5	990.0	814.5	623.5	439.9	296.7	183.7
210	1287.7	1237.0	1196.3	1140.2	1002.0	825.8	636.2	446.3	303.4	186.9
215	1287.7	1239.4	1206.0	1155.9	1005.4	838.5	640.9	453.3	307.4	188.6
220	1287.7	1241.4	1213.3	1158.9	1017.4	849.2	657.9	460.0	312.1	189.7
225	1287.7	1245.4	1216.7	1154.6	1029.4	859.2	668.6	465.6	315.1	190.0
230	1287.7	1250.1	1217.7	1152.3	1034.1	868.2	676.6	474.0	318.1	189.8
235	1287.7	1255.1	1218.7	1146.9	1040.8	877.5	685.9	484.7	323.8	191.7

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Photometric Data Table [Unit:cd] RLH-6030N-30

240	1287.7	1260.4	1220.3	1147.6	1052.8	881.9	696.6	490.7	328.1	194.6
245	1287.7	1265.4	1225.4	1158.3	1063.5	895.6	706.0	497.0	331.8	200.3
250	1287.7	1267.7	1235.0	1179.6	1079.2	901.9	714.0	505.0	339.1	206.9
255	1287.7	1268.4	1244.7	1196.6	1086.8	908.3	715.3	509.7	344.5	212.7
260	1287.7	1268.7	1251.4	1207.0	1091.8	917.6	723.7	515.0	349.8	214.6
265	1287.7	1268.7	1259.1	1210.0	1099.8	924.3	728.3	528.4	358.8	215.2
270	1287.7	1270.1	1265.1	1209.0	1106.9	926.6	739.7	531.4	358.5	216.1
275	1287.7	1270.1	1266.7	1202.0	1104.9	928.6	743.0	536.7	366.5	217.6
280	1287.7	1272.1	1268.1	1190.3	1103.2	934.0	744.0	542.1	370.8	214.8
285	1287.7	1277.1	1266.4	1193.0	1108.9	937.3	741.7	547.8	362.5	219.1
290	1287.7	1279.8	1268.4	1206.3	1109.5	938.0	744.4	544.1	370.8	220.4
295	1287.7	1283.1	1276.8	1223.0	1113.9	950.3	745.7	552.1	375.2	225.2
300	1287.7	1286.8	1286.4	1233.4	1118.5	954.3	751.0	556.4	382.9	228.5
305	1287.7	1288.8	1294.4	1239.0	1126.2	958.3	761.4	558.8	387.2	228.1
310	1287.7	1288.1	1291.8	1242.0	1132.6	964.7	773.4	563.4	389.2	227.6
315	1287.7	1290.4	1287.8	1234.7	1139.6	976.3	779.7	571.8	397.9	218.2
320	1287.7	1291.1	1288.8	1225.7	1144.6	962.0	787.8	580.5	396.9	216.0
325	1287.7	1291.8	1281.8	1225.4	1143.9	966.0	769.1	562.8	374.8	206.9
330	1287.7	1301.1	1287.4	1227.4	1127.9	962.0	769.4	567.8	379.5	206.9
335	1287.7	1300.1	1293.4	1237.4	1130.6	963.0	772.7	563.4	377.5	210.0
340	1287.7	1298.8	1301.5	1246.7	1135.2	967.3	772.7	561.4	377.5	212.1
345	1287.7	1296.8	1310.1	1254.4	1134.6	964.7	766.7	558.8	374.5	213.8
350	1287.7	1296.1	1314.8	1256.1	1131.2	968.3	767.1	559.1	377.5	210.2
355	1287.7	1295.5	1316.5	1254.1	1127.6	967.7	769.4	560.1	372.5	212.7
360	1287.7	1307.5	1312.8	1249.1	1124.5	953.6	761.7	565.1	376.5	208.6

C\G	50	55	60	65	70	75	80	85	90
0	98.3	32.3	6.5	1.4	1.1	0.9	0.7	0.6	0.5
5	96.2	32.3	6.3	1.6	1.1	0.9	0.8	0.6	0.5
10	91.4	32.5	6.2	1.5	1.1	0.9	0.8	0.6	0.5
15	90.3	32.6	6.7	1.5	1.1	0.9	0.7	0.6	0.6
20	91.7	32.7	7.4	1.6	1.1	1.1	0.7	0.5	0.6
25	93.0	31.3	7.3	1.7	1.2	1.2	0.9	0.7	0.5
30	94.0	31.0	7.5	1.6	1.2	1.3	0.8	0.6	0.6
35	93.8	30.4	7.7	1.6	1.2	1.3	0.8	0.6	0.5
40	92.1	29.5	7.1	1.5	1.3	1.1	0.8	0.6	0.4
45	88.0	28.9	6.5	1.7	1.3	1.1	0.7	0.6	0.4
50	83.3	27.7	5.6	1.7	1.2	1.1	0.7	0.6	0.4
55	80.6	27.2	5.2	1.7	1.3	1.0	0.7	0.7	0.5
60	78.2	26.8	5.2	1.7	1.2	0.9	0.8	0.6	0.6
65	79.2	25.3	5.0	1.6	1.3	1.0	0.7	0.6	0.4
70	80.9	25.2	5.2	1.7	1.3	1.0	0.8	0.6	0.6
75	81.3	25.2	4.3	1.7	1.4	0.9	0.9	0.6	0.5
80	81.5	23.8	4.2	1.7	1.3	1.0	0.7	0.6	0.5
85	72.7	23.6	4.0	1.7	1.4	0.9	0.9	0.7	0.5
90	70.7	22.5	2.7	1.8	1.3	1.1	0.8	0.6	0.6
95	68.5	22.0	2.7	1.7	1.3	1.0	0.9	0.6	0.5
100	67.7	22.1	2.8	1.9	1.3	1.0	0.8	0.6	0.4

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Photometric Data Table [Unit:cd] RLH-6030N-30

105	68.1	22.2	2.7	1.8	1.3	0.9	1.0	0.6	0.5
110	68.9	22.8	2.8	1.7	1.4	1.1	0.9	0.6	0.5
115	71.4	23.3	3.0	1.8	1.5	1.2	0.8	0.6	0.5
120	73.1	23.7	3.6	1.8	1.4	1.2	0.7	0.5	0.6
125	74.7	24.5	3.7	1.7	1.4	1.1	0.7	0.6	0.5
130	73.6	24.3	4.1	1.7	1.2	1.0	0.8	0.6	0.5
135	72.0	24.2	4.4	1.7	1.2	0.9	0.8	0.7	0.6
140	70.8	24.1	4.7	1.6	1.1	0.9	0.8	0.6	0.5
145	71.4	24.6	5.1	1.7	1.2	1.0	0.8	0.6	0.5
150	72.8	25.1	5.7	1.6	1.2	1.0	0.8	0.7	0.4
155	76.0	26.0	6.4	1.7	1.1	0.9	0.9	0.6	0.5
160	79.9	27.2	7.1	1.7	1.2	1.0	0.8	0.6	0.5
165	83.1	28.1	8.4	1.6	1.3	1.0	0.8	0.6	0.5
170	83.8	28.6	8.3	1.7	1.2	1.0	0.7	0.6	0.5
175	82.9	28.9	8.7	1.7	1.3	1.0	0.7	0.6	0.6
180	80.7	28.9	8.4	1.7	1.2	1.1	0.8	0.6	0.5
185	80.2	29.2	8.1	1.6	1.2	0.9	0.7	0.6	0.5
190	81.4	30.1	8.3	1.7	1.3	1.0	0.9	0.6	0.6
195	84.3	30.8	9.2	1.9	1.4	1.2	1.0	0.6	0.4
200	88.7	32.1	10.8	1.9	1.5	1.5	1.1	0.6	0.5
205	92.5	33.5	12.4	1.8	1.4	1.4	1.0	0.7	0.5
210	95.7	34.8	13.8	1.7	1.2	1.2	0.9	0.6	0.4
215	97.5	36.1	14.3	1.7	1.4	1.0	0.9	0.7	0.4
220	99.6	37.7	14.0	1.7	1.3	1.1	0.8	0.8	0.4
225	101.3	38.9	13.1	1.8	1.3	1.0	0.7	0.6	0.5
230	102.5	39.6	12.3	1.9	1.3	1.0	0.9	0.6	0.5
235	104.5	40.2	11.8	1.8	1.4	1.2	0.8	0.6	0.6
240	106.0	40.3	12.0	1.9	1.3	1.0	0.8	0.7	0.6
245	105.9	40.6	12.6	1.8	1.3	1.0	0.8	0.7	0.4
250	106.5	40.4	13.2	1.9	1.5	1.0	0.8	0.7	0.4
255	106.2	41.2	13.9	1.9	1.4	1.1	0.9	0.7	0.6
260	107.5	42.5	14.3	1.8	1.4	1.2	0.9	0.7	0.5
265	109.2	43.1	14.0	1.8	1.3	1.1	0.9	0.6	0.5
270	110.7	44.5	13.3	1.9	1.3	0.9	0.9	0.6	0.5
275	111.3	45.0	12.7	1.9	1.4	1.1	0.8	0.7	0.5
280	109.2	41.5	12.0	1.8	1.2	1.1	0.8	0.7	0.5
285	107.6	41.8	10.7	1.8	1.3	1.1	0.8	0.6	0.5
290	107.9	40.6	11.6	1.8	1.4	1.1	1.0	0.6	0.5
295	109.4	41.0	12.9	1.9	1.3	1.1	1.0	0.6	0.6
300	110.8	41.0	14.4	1.7	1.4	1.1	0.9	0.7	0.5
305	112.6	41.4	14.6	1.7	1.3	1.0	0.7	0.6	0.5
310	114.7	41.5	13.9	1.7	1.2	0.9	0.8	0.7	0.4
315	116.5	42.5	12.5	1.7	1.2	1.0	0.7	0.6	0.4
320	106.2	37.2	11.0	1.7	1.3	1.1	0.8	0.7	0.5
325	106.3	36.5	7.2	1.6	1.1	1.0	0.7	0.6	0.5
330	105.0	35.8	6.8	1.5	1.1	0.9	0.7	0.7	0.4
335	105.4	35.2	6.9	1.6	1.1	0.9	0.7	0.6	0.5
340	105.7	34.6	7.1	1.5	1.0	0.9	0.8	0.6	0.5
345	105.8	33.3	7.3	1.5	1.1	0.9	0.6	0.4	0.5

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Photometric Data Table [Unit:cd] RLH-6030N-30

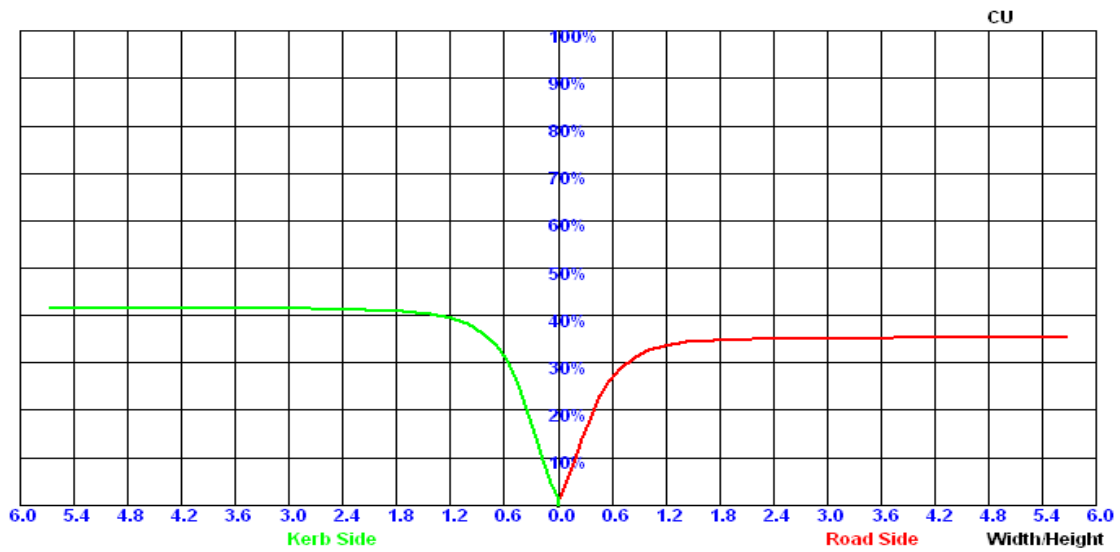
350	105.3	33.2	7.2	1.5	1.2	0.9	0.7	0.6	0.5
355	99.8	33.4	6.7	1.5	1.2	0.8	0.7	0.5	0.5
360	98.3	32.3	6.5	1.4	1.1	0.9	0.7	0.6	0.5

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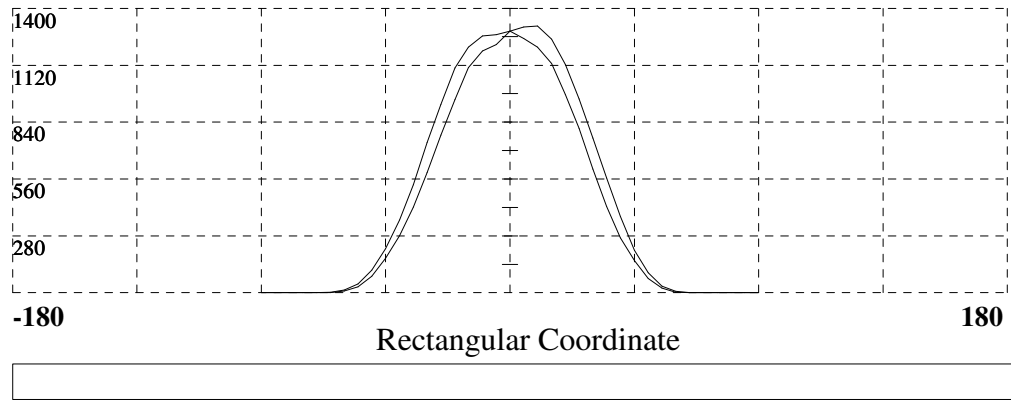
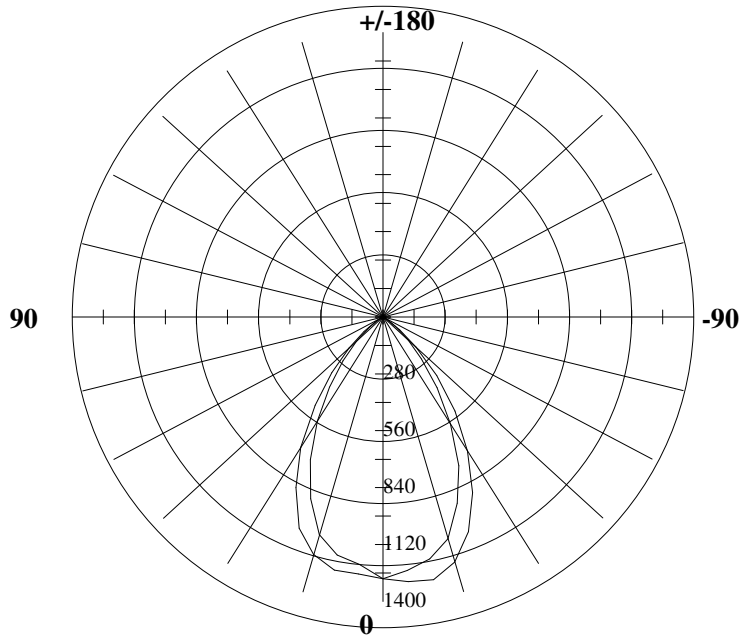
Zonal FluxRLH-6030N-30

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1287.71	0.00	0.00	0.00	0.00
5	1264.93	30.52	30.52	2.54	2.54
10	1235.86	89.46	119.98	7.46	10.00
15	1167.14	142.54	262.52	11.88	21.88
20	1042.32	182.09	444.61	15.17	37.05
25	869.20	200.48	645.10	16.71	53.76
30	678.04	195.80	840.90	16.32	70.08
35	484.51	171.19	1012.10	14.27	84.34
40	323.13	134.75	1146.84	11.23	95.57
45	186.88	94.43	1241.28	7.87	103.44
50	91.62	56.27	1297.55	4.69	108.13
55	32.26	26.93	1324.48	2.24	110.37
60	8.34	9.38	1333.87	0.78	111.16
65	1.70	2.44	1336.31	0.20	111.36
70	1.27	0.75	1337.06	0.06	111.42
75	1.04	0.60	1337.66	0.05	111.47
80	0.81	0.49	1338.15	0.04	111.51
85	0.62	0.39	1338.54	0.03	111.54
90	0.50	0.31	1338.84	0.03	111.57

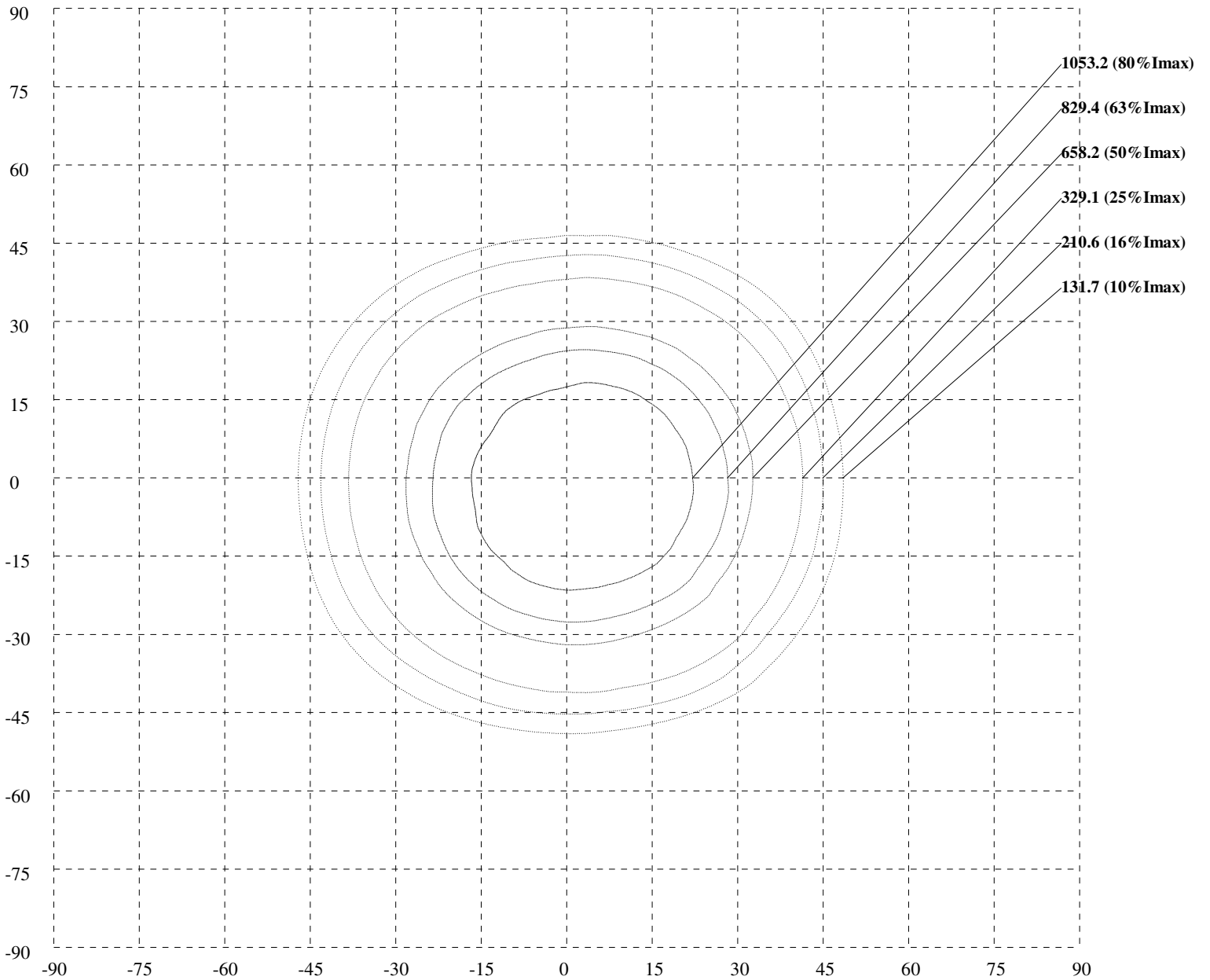
JESCO LIGHTING
Coefficient Utilization Curve RLH-6030N-30



Light Distribution Curve[Unit: cd]

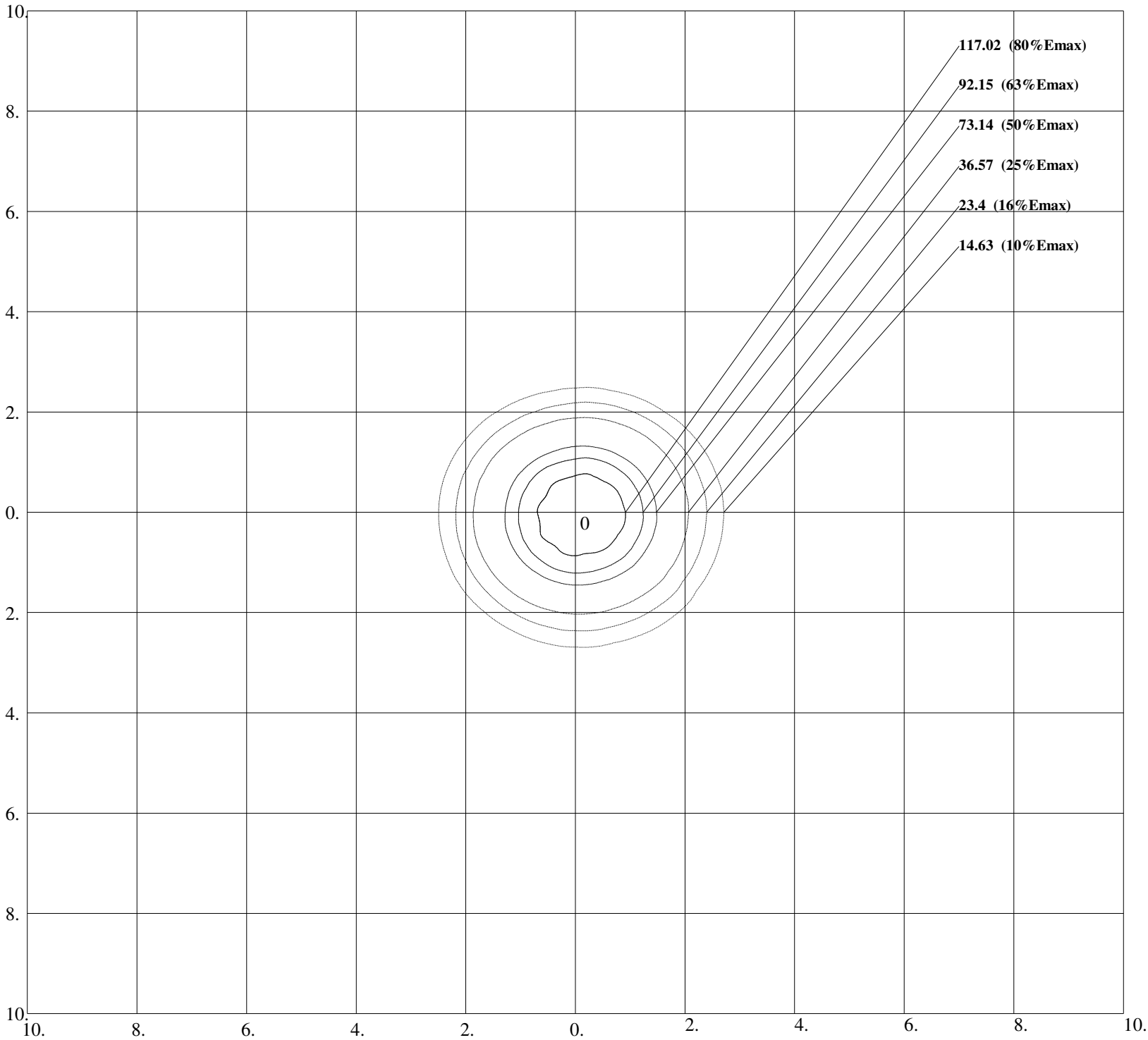


ISO-Candela V-H [Unit :cd]RLH-6030N-30



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Iso-Lux [Unit :lx]RLH-6030N-30



Units: lx
Height: 3 m
Max Illuminance : 146.28lx

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Lux-Distance Curve

