



# JESCO LIGHTING

66-25 Traffic Ave. Glenale, NY 11385 1100 Hatcher Ave. Suite A. City of Industry, CA 91748 JESCO LIGHTING

TEL: (718) 366-3211

FAX: (626) 854-8168

Email:

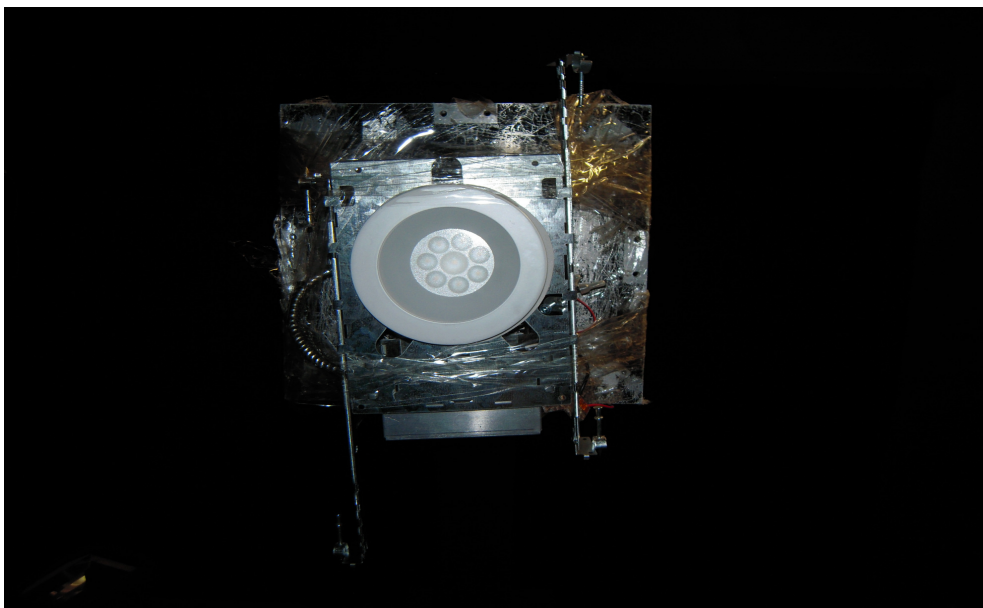
Website: WWW.jescolighting.com

## Test Report of Luminaire

Report No.:

Luminaire Type	RLH-4011N-IC-40		
Lamp Type	LUMILEDS-10W		
Client		EUT NO.	
<b>Luminaire Parameters:</b>			
Voltage	118.9	Current	0.096
Power:	10.5	Power Factor	0.918
Frequency:	60Hz	Tc	4000K
<b>Photometric Parameters</b>			
Luminaire Flux	426.05 lm	Luminaire Eff.	53.26%
Max Intensity	483.899cd	Central Intensity	483.9cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	53.26%		
50%Imax Beam Width	C0_180[ 25.2 , -26.9] C90_270[ 25.9 , -25.8]		
Remark			

### Luminaire Figure



# JESCO LIGHTING

## Photometric Data Table [Unit:cd] RLH-4011N-IC-40

C\G	0	5	10	15	20	25	30	35	40	45
0	483.9	462.1	435.6	386.5	334.6	245.3	171.8	105.1	68.7	41.6
5	483.9	461.3	434.0	387.2	331.6	248.0	170.3	105.4	70.3	41.7
10	483.9	460.2	432.2	386.0	327.9	246.2	172.7	106.2	67.7	42.3
15	483.9	458.6	430.6	383.2	326.2	244.2	176.2	107.8	66.5	43.1
20	483.9	457.5	429.3	384.2	326.3	245.8	176.8	109.1	65.3	44.1
25	483.9	455.7	427.5	385.0	327.5	244.4	174.1	112.0	65.1	44.8
30	483.9	453.8	425.8	384.4	327.0	247.3	173.7	115.0	65.8	45.2
35	483.9	451.9	423.6	385.1	326.1	247.1	175.1	112.4	67.0	45.4
40	483.9	450.1	422.5	385.5	326.1	246.2	175.8	113.0	67.6	45.2
45	483.9	449.2	421.5	383.8	329.8	243.9	176.1	111.7	69.8	45.2
50	483.9	448.1	419.7	383.1	331.4	241.5	174.4	112.1	72.9	45.4
55	483.9	447.0	418.9	382.7	328.9	242.8	177.2	112.4	73.2	46.2
60	483.9	446.1	418.0	384.5	326.4	243.9	179.2	113.7	73.8	46.7
65	483.9	445.1	417.5	383.9	326.4	243.4	178.6	113.7	72.3	47.3
70	483.9	444.5	417.2	386.3	329.4	246.5	178.2	115.5	72.4	47.9
75	483.9	443.2	416.3	388.6	329.6	252.1	177.8	118.7	71.7	48.6
80	483.9	441.7	415.2	388.7	328.3	255.7	177.9	124.4	72.2	49.3
85	483.9	440.5	414.3	388.8	328.0	257.1	177.2	125.5	72.7	49.6
90	483.9	439.6	413.1	388.8	328.8	255.9	179.1	122.8	73.8	49.7
95	483.9	439.8	410.2	390.1	328.5	254.7	180.6	119.8	76.8	49.6
100	483.9	440.2	408.1	392.1	330.9	252.1	184.8	119.9	77.0	50.0
105	483.9	441.1	407.1	393.7	333.8	251.2	189.1	122.6	77.2	50.5
110	483.9	441.4	407.1	395.7	334.3	252.0	190.7	122.0	78.2	50.8
115	483.9	442.6	407.7	396.9	334.1	254.8	186.9	124.1	79.4	51.0
120	483.9	443.0	408.7	397.8	337.6	257.8	184.2	126.7	76.8	51.1
125	483.9	442.9	409.8	399.2	339.6	264.7	185.5	131.7	76.6	51.3
130	483.9	443.4	410.4	401.7	338.4	266.2	184.0	133.5	77.0	50.7
135	483.9	443.6	409.9	403.3	337.6	268.2	186.7	133.4	75.8	50.5
140	483.9	444.2	410.4	402.3	339.9	265.3	188.6	130.0	76.9	52.0
145	483.9	444.3	412.2	403.1	342.8	261.0	190.7	126.5	77.9	51.5
150	483.9	444.6	415.4	407.3	343.5	260.6	197.3	127.6	78.4	51.8
155	483.9	444.8	417.6	409.5	342.4	260.8	201.0	127.1	78.1	51.8
160	483.9	445.3	419.2	408.3	345.2	261.5	199.3	128.1	78.7	51.6
165	483.9	445.9	421.2	408.9	347.2	263.9	192.3	127.7	79.3	51.4
170	483.9	445.8	422.8	411.0	346.3	264.9	192.6	128.7	77.6	51.1
175	483.9	446.3	423.4	411.9	348.7	272.9	192.0	134.2	75.8	50.7
180	483.9	446.5	423.1	410.2	351.5	275.0	189.9	139.0	75.7	49.6
185	483.9	447.5	424.3	411.7	352.7	273.0	189.1	136.5	75.5	50.2
190	483.9	448.6	426.6	414.6	352.3	269.7	192.1	134.2	75.7	50.4
195	483.9	450.2	429.7	419.1	348.9	264.4	192.6	128.3	76.0	50.0
200	483.9	452.4	431.3	420.9	348.8	259.3	193.6	128.8	78.7	49.5
205	483.9	454.3	431.9	419.0	349.3	260.5	197.0	126.4	79.8	49.1
210	483.9	457.3	432.7	418.5	348.4	262.4	196.1	127.4	79.6	48.8
215	483.9	459.6	434.2	418.3	348.2	260.6	194.6	127.3	79.7	48.3
220	483.9	461.8	437.2	419.4	347.7	262.9	189.3	127.7	76.6	48.1
225	483.9	464.6	439.7	419.4	347.5	263.5	186.8	132.1	74.1	48.8
230	483.9	466.5	441.8	420.4	347.5	263.4	186.9	133.8	75.2	49.5
235	483.9	468.3	443.6	422.3	347.3	263.7	187.1	135.5	73.5	48.8

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## Photometric Data Table [Unit:cd] RLH-4011N-IC-40

240	483.9	469.8	445.9	421.8	346.4	261.9	185.9	128.4	73.5	48.9
245	483.9	471.2	449.5	420.6	345.3	258.0	186.0	123.9	74.6	47.4
250	483.9	472.6	453.5	420.3	346.1	254.7	185.2	123.7	75.7	46.6
255	483.9	473.0	455.2	421.3	346.6	252.4	184.9	121.3	78.6	46.4
260	483.9	473.4	456.2	422.1	347.7	253.2	185.3	120.9	78.3	45.3
265	483.9	473.4	457.1	422.0	347.2	253.7	183.2	119.0	77.9	45.3
270	483.9	473.2	457.9	419.7	345.4	252.7	183.7	119.5	73.3	45.3
275	483.9	473.0	458.0	415.0	343.9	252.2	183.0	121.0	70.8	45.2
280	483.9	473.1	458.4	412.9	346.3	252.2	181.1	123.9	69.5	45.6
285	483.9	472.7	458.4	412.4	345.2	250.6	181.2	123.9	67.6	45.7
290	483.9	473.2	457.5	411.6	344.5	251.5	181.3	119.3	68.3	45.2
295	483.9	473.7	456.0	410.5	341.0	249.9	181.2	115.9	68.7	44.3
300	483.9	473.5	453.6	408.2	338.8	248.3	179.3	113.4	69.4	43.0
305	483.9	472.8	452.1	403.3	338.7	248.0	176.6	112.8	71.6	42.2
310	483.9	471.8	450.7	400.9	340.7	248.4	174.8	110.9	73.0	41.6
315	483.9	470.4	449.0	400.3	339.1	247.4	175.5	110.9	71.5	41.6
320	483.9	469.5	447.4	396.0	337.9	247.9	178.3	110.0	67.5	42.0
325	483.9	468.7	444.9	392.9	335.0	245.6	177.2	110.5	66.9	42.0
330	483.9	467.1	442.5	392.6	332.1	244.6	175.6	111.2	64.9	42.7
335	483.9	466.0	438.7	391.5	330.0	242.5	175.5	111.5	63.5	42.4
340	483.9	464.4	437.2	391.9	329.7	244.3	175.3	112.2	63.7	42.4
345	483.9	462.3	436.8	391.5	327.9	244.8	175.3	107.7	63.9	42.2
350	483.9	461.0	435.7	387.4	329.9	243.9	175.8	107.9	64.7	42.1
355	483.9	459.2	434.4	383.0	331.4	243.1	174.6	105.8	66.5	41.5
360	483.9	462.1	435.6	386.5	334.6	245.3	171.8	105.1	68.7	41.6

C\G	50	55	60	65	70	75	80	85	90
0	25.4	19.6	14.9	11.3	8.2	5.5	3.2	1.6	0.5
5	25.6	19.6	15.1	11.2	8.2	5.6	3.2	1.5	0.5
10	25.6	19.8	15.1	11.3	8.2	5.6	3.3	1.6	0.4
15	25.6	19.8	15.1	11.4	8.2	5.6	3.4	1.5	0.4
20	25.9	19.9	15.3	11.5	8.2	5.7	3.4	1.5	0.6
25	26.1	20.0	15.4	11.5	8.3	5.6	3.3	1.6	0.5
30	26.4	20.1	15.4	11.6	8.4	5.7	3.4	1.6	0.5
35	26.7	20.2	15.6	11.8	8.4	5.8	3.5	1.6	0.5
40	26.9	20.5	15.7	11.9	8.5	5.8	3.5	1.7	0.5
45	27.2	20.7	15.8	11.9	8.6	5.9	3.5	1.6	0.5
50	27.6	21.0	16.0	11.9	8.7	5.9	3.6	1.7	0.4
55	27.9	21.2	16.1	12.2	8.7	6.0	3.7	1.7	0.4
60	28.1	21.2	16.1	12.1	8.9	6.0	3.7	1.7	0.5
65	28.4	21.2	16.3	12.3	8.9	6.1	3.7	1.8	0.6
70	28.8	21.4	16.4	12.4	9.0	6.2	3.8	1.9	0.5
75	29.2	21.6	16.5	12.4	9.2	6.4	3.9	1.9	0.5
80	29.7	21.7	16.7	12.6	9.2	6.3	4.0	2.0	0.5
85	30.0	21.9	16.8	12.7	9.2	6.4	4.1	2.0	0.5
90	30.2	22.0	16.8	12.8	9.3	6.5	4.1	2.1	0.5
95	30.6	22.1	17.0	13.0	9.5	6.6	4.1	2.1	0.5
100	30.7	22.3	17.2	13.1	9.5	6.7	4.2	2.2	0.4

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## Photometric Data Table [Unit:cd] RLH-4011N-IC-40

105	30.8	22.4	17.4	13.1	9.6	6.7	4.3	2.2	0.5
110	31.1	22.5	17.4	13.3	9.6	6.8	4.3	2.2	0.5
115	31.5	22.5	17.5	13.3	9.7	6.8	4.4	2.2	0.6
120	31.8	22.6	17.6	13.4	9.8	6.8	4.3	2.3	0.4
125	32.0	22.6	17.6	13.5	9.9	7.0	4.4	2.4	0.4
130	32.2	22.6	17.8	13.6	9.9	7.0	4.5	2.4	0.6
135	32.2	22.7	17.8	13.6	10.0	7.1	4.5	2.4	0.6
140	32.1	22.7	17.8	13.6	10.0	7.0	4.5	2.4	0.7
145	32.1	22.6	17.9	13.7	10.1	7.0	4.5	2.5	0.8
150	31.7	22.7	17.9	13.7	10.2	7.2	4.6	2.6	0.8
155	31.5	22.6	18.0	13.7	10.1	7.1	4.6	2.4	0.8
160	31.4	22.5	17.9	13.8	10.1	7.1	4.7	2.5	0.9
165	31.5	22.5	17.8	13.7	10.1	7.2	4.7	2.5	0.9
170	31.6	22.4	17.8	13.6	10.1	7.2	4.7	2.5	0.9
175	31.6	22.5	17.7	13.6	10.1	7.1	4.6	2.5	0.9
180	31.3	22.2	17.6	13.6	10.1	7.1	4.7	2.5	0.9
185	31.1	22.3	17.6	13.6	10.0	7.1	4.6	2.5	0.9
190	30.8	22.0	17.6	13.4	9.9	7.1	4.6	2.4	0.9
195	30.4	21.9	17.4	13.4	9.9	7.1	4.5	2.5	0.9
200	29.9	21.8	17.4	13.3	9.8	7.0	4.4	2.4	0.8
205	29.5	21.7	17.3	13.2	9.9	6.9	4.3	2.3	0.9
210	29.2	21.5	17.2	13.1	9.7	6.8	4.4	2.3	0.9
215	29.2	21.5	17.1	13.0	9.7	6.8	4.4	2.4	0.7
220	28.9	21.4	16.9	13.0	9.6	6.8	4.3	2.3	0.8
225	28.8	21.3	16.9	12.9	9.5	6.7	4.3	2.2	0.8
230	28.6	21.2	16.6	12.8	9.3	6.6	4.2	2.3	0.9
235	28.1	21.0	16.6	12.6	9.4	6.6	4.2	2.3	0.7
240	27.9	20.8	16.4	12.6	9.3	6.5	4.1	2.2	0.7
245	27.5	20.8	16.3	12.5	9.2	6.4	4.1	2.1	0.7
250	27.2	20.6	16.2	12.3	9.1	6.3	4.0	2.0	0.7
255	26.9	20.5	16.0	12.3	9.0	6.4	4.1	1.9	0.6
260	26.7	20.4	15.9	12.1	8.8	6.1	3.9	2.0	0.5
265	26.4	20.3	15.7	12.1	8.9	6.1	3.8	1.9	0.5
270	26.2	20.1	15.7	12.0	8.7	6.0	3.8	1.8	0.6
275	26.0	20.0	15.6	11.9	8.7	5.9	3.6	1.8	0.5
280	25.8	19.8	15.4	11.7	8.6	6.0	3.6	1.8	0.5
285	25.6	19.6	15.3	11.6	8.4	5.9	3.6	1.9	0.5
290	25.5	19.6	15.3	11.6	8.4	5.7	3.6	1.6	0.5
295	25.2	19.7	15.2	11.5	8.4	5.7	3.6	1.7	0.5
300	25.1	19.6	15.1	11.4	8.3	5.6	3.5	1.7	0.5
305	25.2	19.6	15.0	11.3	8.2	5.7	3.5	1.6	0.5
310	25.2	19.4	15.0	11.5	8.3	5.6	3.4	1.6	0.5
315	25.1	19.5	15.0	11.3	8.1	5.6	3.3	1.6	0.5
320	24.9	19.4	14.8	11.2	8.0	5.6	3.4	1.5	0.5
325	24.9	19.3	14.8	11.1	8.1	5.4	3.3	1.5	0.5
330	24.7	19.1	14.8	11.2	8.0	5.6	3.4	1.5	0.5
335	24.7	19.2	14.9	11.1	8.2	5.6	3.4	1.5	0.5
340	24.7	19.1	14.9	11.2	8.0	5.4	3.2	1.5	0.6
345	24.9	19.3	14.8	11.2	8.0	5.5	3.3	1.5	0.5

# **JESCO LIGHTING**

## **Photometric Data Table [Unit:cd] RLH-4011N-IC-40**

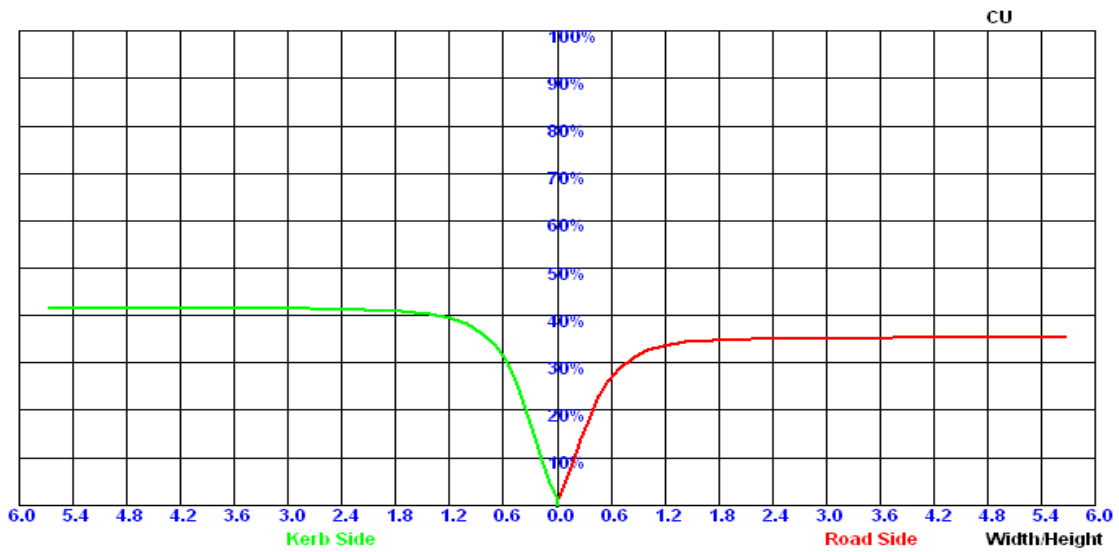
<b>350</b>	25.0	19.4	14.9	11.2	8.0	5.5	3.3	1.5	0.5
<b>355</b>	25.1	19.4	14.9	11.2	8.1	5.4	3.3	1.4	0.5
<b>360</b>	25.4	19.6	14.9	11.3	8.2	5.5	3.2	1.6	0.5

# JESCO LIGHTING

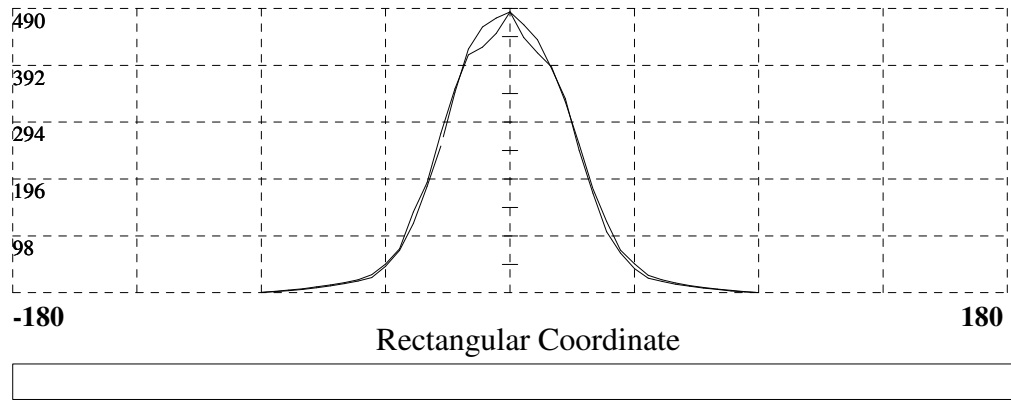
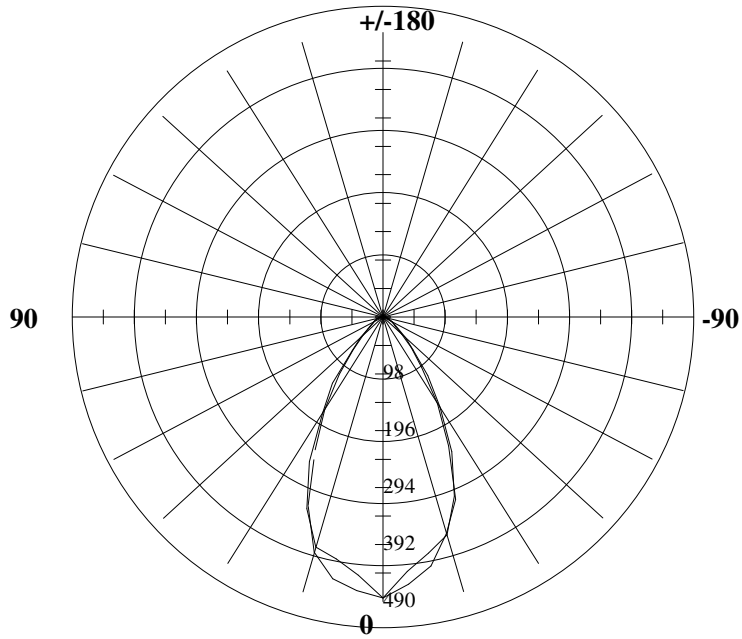
## Zonal FluxRLH-4011N-IC-40

<b>Gamma [°]</b>	<b>I<sub>mean</sub> [cd]</b>	<b>Zonal Flux [lm]</b>	<b>Sum.Flux [lm]</b>	<b>Zonal Flux [%]</b>	<b>Sum.Flux [%]</b>
0	483.90	0.00	0.00	0.00	0.00
5	456.28	11.24	11.24	1.40	1.40
10	431.06	31.74	42.98	3.97	5.37
15	401.70	49.40	92.38	6.17	11.55
20	338.31	60.99	153.37	7.62	19.17
25	254.17	62.14	215.51	7.77	26.94
30	183.05	55.33	270.84	6.92	33.86
35	120.59	44.71	315.55	5.59	39.44
40	72.92	32.29	347.84	4.04	43.48
45	47.01	22.21	370.04	2.78	46.26
50	28.20	15.20	385.24	1.90	48.16
55	20.97	10.69	395.93	1.34	49.49
60	16.31	8.62	404.55	1.08	50.57
65	12.40	6.98	411.53	0.87	51.44
70	9.07	5.44	416.97	0.68	52.12
75	6.30	4.02	420.99	0.50	52.62
80	3.94	2.74	423.73	0.34	52.97
85	1.99	1.61	425.34	0.20	53.17
90	0.60	0.71	426.05	0.09	53.26

**JESCO LIGHTING**  
**Coefficient Utilization Curve RLH-4011N-IC-40**



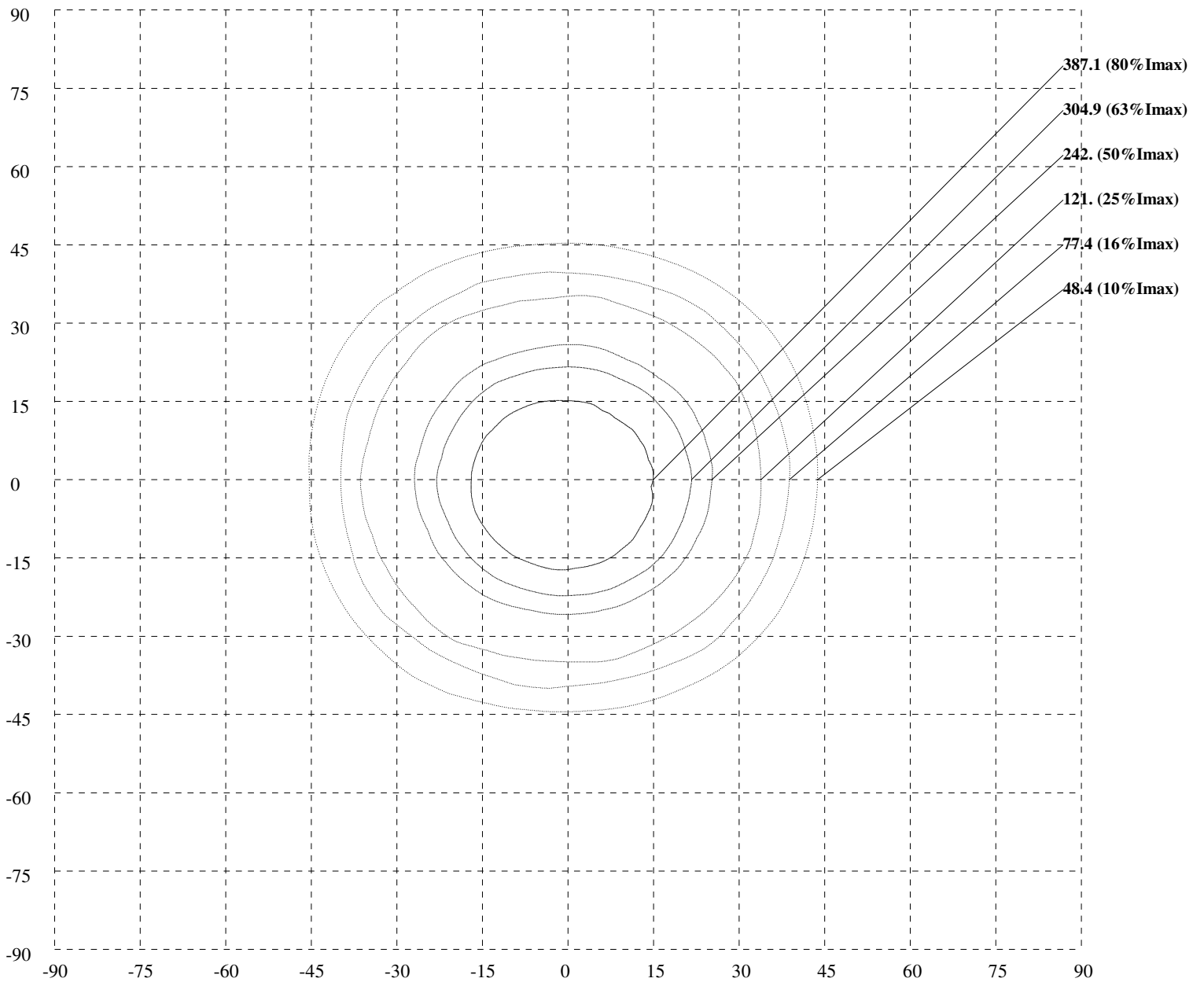
Light Distribution Curve[Unit: cd]





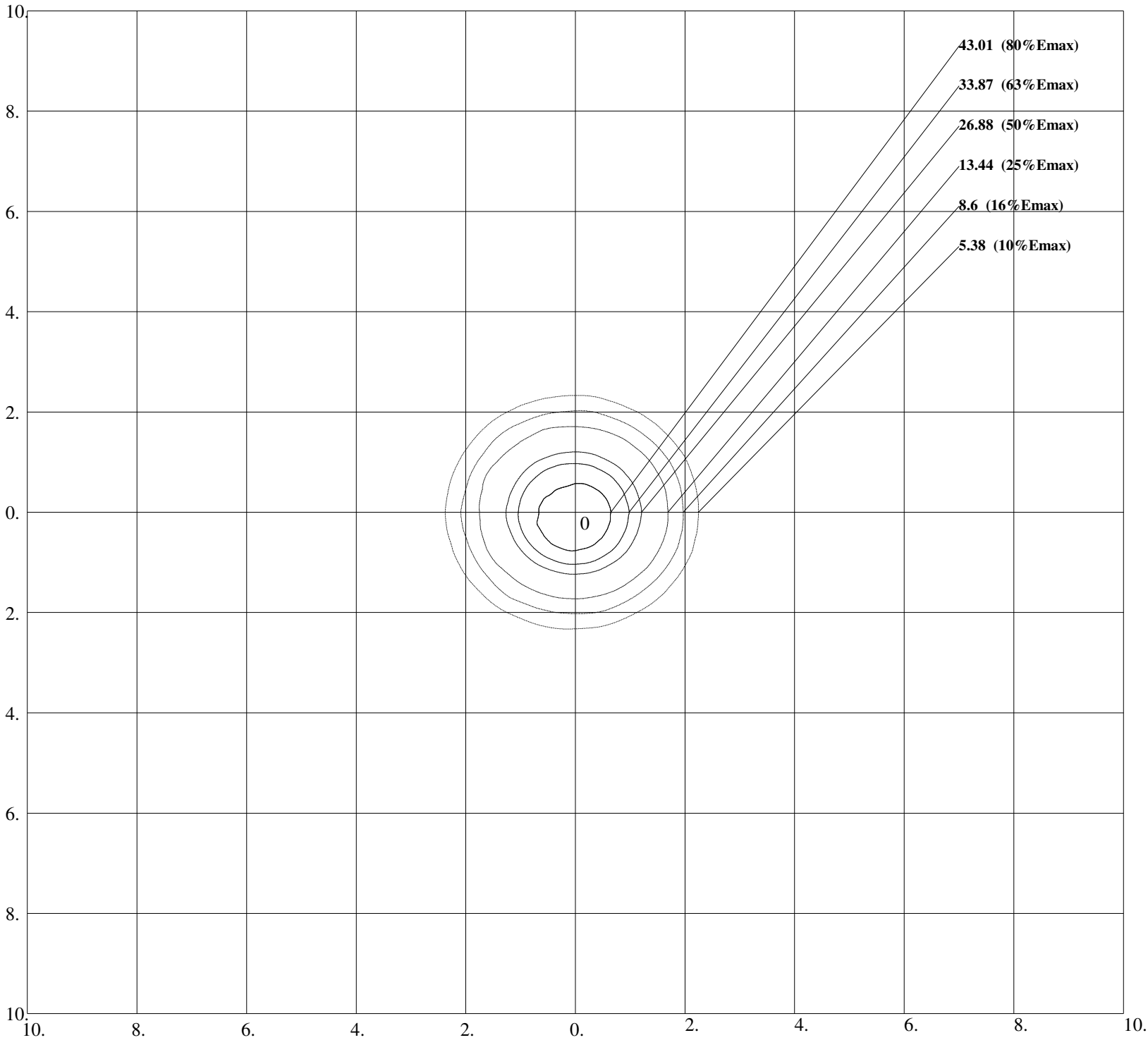
# JESCO LIGHTING

## ISO-Candela V-H [Unit :cd]RLH-4011N-IC-40



**JESCO LIGHTING**

**Iso-Lux [Unit :lx]RLH-4011N-IC-40**



Units: lx  
Height: 3 m  
Max Illuminance : 53.77lx

**JESCO LIGHTING**  
**Lux-Distance Curve**

