



JESCO LIGHTING

66-25Traffic Ave.Glenale.NY11385 1100 Hatcher Ave.Suite A.City of Industry.CA 91748 JESCO LIGHTING

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Email:

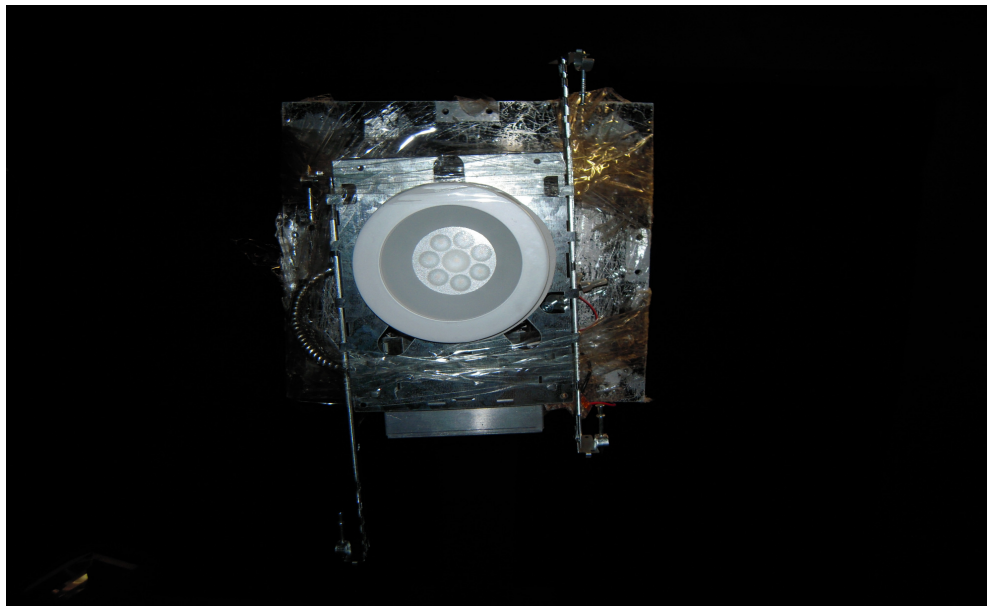
Website:WWW.jescolighting.com

Test Report of Luminaire

Report No.:

Luminaire Type	RLH-4011N-IC-30		
Lamp Type	LUMILEDS-10W		
Client		EUT NO.	
Luminaire Parameters:			
Voltage	122.7	Current	0.093
Power:	10.4	Power Factor	0.914
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	485.59 lm	Luminaire Eff.	60.7%
Max Intensity	517.345cd	Central Intensity	517.345cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	60.7%		
50%Imax Beam Width	C0_180[25.5 ,-29.1] C90_270[26.6 ,-27.2]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] RLH-4011N-IC-30

C\G	0	5	10	15	20	25	30	35	40	45
0	517.3	484.5	462.9	410.9	356.3	265.7	194.2	120.1	72.3	49.5
5	517.3	484.0	463.6	407.9	356.9	263.1	193.8	119.6	72.3	49.6
10	517.3	484.2	463.7	406.3	355.8	269.9	196.1	118.7	72.2	49.6
15	517.3	484.1	463.7	407.4	356.6	272.6	195.3	117.2	74.1	49.4
20	517.3	484.1	463.3	409.0	357.1	274.6	193.8	117.1	75.0	48.9
25	517.3	484.3	461.7	410.9	357.3	270.9	191.5	117.6	77.9	48.9
30	517.3	484.3	459.6	410.1	358.9	271.0	189.8	117.0	79.0	48.8
35	517.3	484.7	457.9	407.8	361.3	274.2	193.9	118.1	78.2	49.6
40	517.3	485.0	456.7	408.9	362.6	276.0	195.9	122.2	76.8	50.2
45	517.3	485.4	457.0	413.9	362.5	277.9	195.6	125.2	76.6	51.3
50	517.3	485.3	457.9	416.5	359.6	278.3	198.1	126.4	76.3	51.9
55	517.3	485.4	460.1	416.8	357.3	277.7	197.5	135.6	77.2	52.9
60	517.3	486.1	461.4	418.3	362.4	279.5	199.0	134.7	78.3	53.1
65	517.3	486.5	461.5	421.1	364.2	279.4	202.1	134.5	79.4	53.2
70	517.3	487.2	461.6	422.9	365.3	278.4	203.1	135.1	81.2	53.5
75	517.3	487.4	461.5	425.6	369.9	276.2	206.5	133.9	85.6	54.1
80	517.3	487.8	461.5	427.5	370.5	278.1	211.6	137.1	85.5	54.4
85	517.3	489.1	461.8	430.0	370.5	278.5	213.3	139.6	86.6	55.4
90	517.3	490.2	463.5	433.9	372.4	282.3	209.2	139.9	88.7	55.7
95	517.3	491.6	465.1	437.9	375.1	287.9	207.3	143.9	87.2	56.3
100	517.3	492.3	466.7	441.0	378.1	293.5	210.4	150.2	85.7	56.6
105	517.3	493.4	467.7	443.9	380.0	298.7	211.7	154.1	87.3	57.0
110	517.3	494.5	466.9	445.0	381.2	304.8	212.2	156.3	87.7	57.2
115	517.3	496.1	466.3	446.7	384.9	303.8	213.7	155.7	90.3	58.4
120	517.3	497.3	465.7	450.5	387.7	303.0	219.0	150.8	92.2	60.3
125	517.3	498.1	467.2	453.2	390.9	302.3	228.9	151.4	92.7	60.1
130	517.3	499.5	469.7	454.8	393.6	299.6	234.0	153.1	93.6	60.4
135	517.3	500.3	471.9	458.1	395.5	303.4	236.1	151.8	93.4	60.6
140	517.3	501.2	473.0	460.3	397.2	306.5	231.4	153.5	95.5	61.4
145	517.3	501.9	474.2	462.0	400.5	308.4	225.3	160.9	97.0	61.2
150	517.3	502.1	475.7	463.4	401.6	314.6	224.6	165.6	94.0	60.0
155	517.3	502.7	477.0	464.9	402.5	323.0	222.5	169.7	93.2	60.6
160	517.3	503.2	477.1	467.0	408.2	323.8	226.0	172.1	94.5	60.1
165	517.3	503.6	478.5	468.1	409.1	321.4	227.0	168.3	94.9	61.1
170	517.3	504.0	480.1	468.6	410.9	317.8	229.9	163.7	98.0	62.6
175	517.3	504.9	483.3	467.9	409.1	315.4	238.4	160.3	97.4	62.1
180	517.3	505.1	485.2	466.7	409.7	310.9	247.2	161.3	96.3	61.6
185	517.3	505.5	484.8	468.4	412.7	312.5	243.2	160.6	97.3	61.7
190	517.3	505.4	484.4	471.1	412.4	314.9	237.3	161.9	98.0	61.6
195	517.3	505.2	484.8	473.1	410.5	317.2	232.4	161.6	96.4	60.8
200	517.3	505.7	486.0	476.2	409.4	318.1	229.6	168.7	93.7	59.9
205	517.3	506.5	487.6	476.9	408.0	321.0	229.2	173.0	93.0	59.7
210	517.3	507.6	489.8	475.3	406.3	320.5	228.3	172.8	92.0	59.1
215	517.3	508.2	491.5	474.2	405.2	316.9	229.1	166.3	91.5	59.3
220	517.3	508.3	492.0	475.8	405.5	311.8	226.7	160.0	94.1	60.0
225	517.3	507.4	492.0	477.4	402.1	302.9	227.5	155.8	95.6	58.2
230	517.3	506.7	490.6	478.7	401.8	301.6	232.9	153.1	96.1	57.9
235	517.3	505.5	489.8	478.6	401.0	303.8	232.2	152.3	94.7	57.5

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Photometric Data Table [Unit:cd] RLH-4011N-IC-30

240	517.3	504.6	489.5	474.1	396.6	301.8	226.0	152.3	95.6	57.2
245	517.3	504.0	488.0	470.2	395.3	302.2	218.5	149.5	90.7	56.5
250	517.3	503.5	487.7	469.8	393.1	302.7	216.2	150.7	86.6	57.3
255	517.3	502.9	486.9	468.5	391.5	304.1	217.1	156.8	86.2	58.3
260	517.3	502.5	486.2	467.1	388.9	300.5	214.7	154.9	85.2	57.6
265	517.3	502.0	483.1	466.0	386.2	293.8	213.1	149.1	84.4	56.1
270	517.3	502.0	482.0	462.1	384.6	293.2	213.1	142.7	85.1	54.9
275	517.3	501.4	481.5	455.8	381.2	289.1	214.0	137.6	86.0	53.4
280	517.3	500.8	480.9	449.9	381.1	287.8	211.2	134.7	89.9	52.6
285	517.3	499.8	481.5	444.6	381.1	285.4	207.2	134.3	89.2	51.9
290	517.3	498.5	482.4	441.6	379.4	283.8	205.9	132.5	86.7	51.4
295	517.3	497.5	482.4	440.9	374.6	281.2	207.2	132.2	82.5	51.6
300	517.3	495.9	480.0	437.4	369.8	280.0	208.3	131.4	80.3	51.6
305	517.3	495.4	476.6	432.8	366.9	277.1	206.5	132.0	78.3	51.9
310	517.3	494.3	473.1	428.9	366.1	274.3	202.7	132.0	76.6	50.7
315	517.3	492.5	471.1	426.0	363.6	272.8	199.2	128.6	76.8	50.5
320	517.3	491.3	470.7	424.8	362.3	274.3	199.3	126.7	76.8	49.8
325	517.3	490.2	469.9	422.3	361.5	275.1	203.7	125.6	77.6	49.3
330	517.3	488.6	469.2	420.2	361.2	275.3	196.5	121.1	78.1	48.5
335	517.3	487.7	468.3	418.6	361.0	275.7	189.9	119.2	80.5	47.6
340	517.3	486.4	466.5	416.9	356.7	275.9	189.5	117.9	79.9	47.4
345	517.3	485.6	464.2	414.3	357.3	274.6	192.9	119.2	76.3	47.7
350	517.3	484.4	461.8	411.2	356.5	273.2	193.8	118.9	75.1	48.6
355	517.3	483.7	460.9	411.0	355.5	269.9	195.0	119.2	73.6	48.9
360	517.3	484.5	462.9	410.9	356.3	265.7	194.2	120.1	72.3	49.5

C\G	50	55	60	65	70	75	80	85	90
0	28.9	22.3	17.2	12.8	9.1	6.0	3.5	1.3	0.4
5	29.0	22.4	17.2	12.8	9.1	6.1	3.5	1.3	0.3
10	29.2	22.4	17.1	12.8	9.2	6.1	3.5	1.4	0.3
15	29.3	22.3	17.1	12.9	9.2	6.2	3.5	1.3	0.3
20	29.7	22.4	17.2	13.0	9.2	6.1	3.5	1.5	0.3
25	29.9	22.5	17.3	12.9	9.2	6.2	3.6	1.4	0.4
30	30.3	22.8	17.4	13.1	9.5	6.3	3.6	1.4	0.4
35	30.4	22.9	17.5	13.2	9.5	6.3	3.8	1.4	0.3
40	30.5	23.1	17.7	13.3	9.6	6.4	3.8	1.5	0.4
45	30.7	23.2	17.8	13.5	9.7	6.6	3.9	1.6	0.3
50	31.0	23.4	17.8	13.6	9.8	6.6	3.9	1.7	0.4
55	31.6	23.5	18.1	13.7	9.9	6.7	4.0	1.7	0.3
60	31.8	23.7	18.3	13.8	10.1	6.7	4.1	1.8	0.3
65	32.3	23.9	18.4	14.0	10.2	6.8	4.2	1.9	0.4
70	32.6	24.3	18.7	14.2	10.3	7.1	4.2	1.9	0.3
75	33.0	24.6	18.9	14.3	10.5	7.2	4.4	1.8	0.3
80	33.3	24.7	19.0	14.4	10.5	7.3	4.4	2.0	0.3
85	33.9	24.9	19.2	14.7	10.8	7.5	4.5	2.1	0.2
90	34.5	25.0	19.3	14.8	10.9	7.6	4.7	2.3	0.4
95	35.1	25.2	19.5	15.0	11.0	7.6	4.8	2.2	0.4
100	35.7	25.4	19.7	15.2	11.2	7.7	4.9	2.4	0.6

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Photometric Data Table [Unit:cd] RLH-4011N-IC-30

105	36.4	25.5	20.0	15.3	11.2	7.9	4.9	2.5	0.6
110	36.9	25.6	20.0	15.4	11.4	8.0	5.1	2.5	0.6
115	37.2	25.7	20.3	15.6	11.6	8.0	5.2	2.7	0.7
120	37.3	25.8	20.4	15.8	11.7	8.1	5.2	2.7	0.7
125	37.3	26.0	20.4	15.9	11.8	8.2	5.3	2.7	0.7
130	37.4	25.9	20.7	15.9	11.9	8.3	5.4	2.8	0.7
135	37.5	26.0	20.7	16.1	12.0	8.4	5.4	2.9	0.9
140	37.9	26.1	20.9	16.0	12.0	8.4	5.5	2.8	0.9
145	38.6	26.1	20.9	16.2	12.0	8.5	5.5	2.9	0.9
150	38.8	26.1	20.9	16.2	12.2	8.6	5.6	3.0	0.9
155	39.2	26.1	21.1	16.2	12.2	8.5	5.7	3.0	0.9
160	39.1	26.0	21.1	16.3	12.3	8.6	5.6	3.0	1.0
165	38.9	26.0	21.1	16.3	12.3	8.6	5.6	3.1	1.0
170	38.4	26.0	21.1	16.3	12.3	8.6	5.7	3.0	1.0
175	37.8	26.0	21.0	16.3	12.3	8.7	5.7	3.1	1.0
180	37.5	25.9	21.1	16.3	12.3	8.6	5.6	3.1	0.9
185	37.3	25.8	21.2	16.3	12.2	8.6	5.6	3.0	0.9
190	37.4	25.8	21.0	16.2	12.2	8.5	5.6	3.0	0.9
195	37.4	25.7	20.9	16.1	12.0	8.6	5.6	3.0	0.9
200	37.4	25.7	20.9	16.2	12.0	8.4	5.5	2.9	0.8
205	37.2	25.7	20.8	16.0	11.9	8.4	5.3	2.8	0.8
210	36.8	25.6	20.6	15.9	11.8	8.2	5.3	2.7	0.8
215	36.3	25.4	20.5	15.8	11.7	8.2	5.3	2.8	0.7
220	35.8	25.4	20.5	15.7	11.6	8.1	5.2	2.7	0.6
225	35.2	25.3	20.4	15.6	11.5	8.1	5.1	2.6	0.7
230	34.7	25.2	20.2	15.5	11.4	8.0	5.0	2.6	0.6
235	34.1	25.1	20.1	15.3	11.3	7.7	5.0	2.4	0.6
240	33.8	24.9	20.0	15.2	11.2	7.8	4.9	2.4	0.6
245	33.7	25.0	19.8	15.1	11.1	7.7	4.8	2.4	0.2
250	33.3	24.9	19.8	14.9	10.9	7.5	4.7	2.3	0.3
255	33.1	24.8	19.4	14.6	10.7	7.4	4.6	2.2	0.4
260	32.7	24.6	19.3	14.6	10.7	7.3	4.5	2.1	0.3
265	32.3	24.5	19.1	14.4	10.5	7.1	4.5	2.0	0.4
270	31.9	24.3	18.9	14.4	10.4	7.0	4.3	2.0	0.2
275	31.5	24.2	18.7	14.1	10.3	7.0	4.3	2.0	0.3
280	31.4	24.2	18.7	14.0	10.2	6.8	4.2	1.9	0.3
285	31.1	24.0	18.6	13.8	10.1	6.8	4.0	1.8	0.2
290	30.8	23.8	18.5	13.8	10.0	6.8	4.0	1.9	0.3
295	30.3	23.7	18.1	13.7	9.8	6.6	3.9	1.6	0.3
300	30.0	23.4	18.0	13.6	9.7	6.5	3.8	1.6	0.3
305	29.8	23.3	17.9	13.3	9.6	6.4	3.8	1.5	0.3
310	29.5	23.1	17.8	13.3	9.5	6.3	3.7	1.6	0.3
315	29.4	23.0	17.6	13.2	9.4	6.3	3.7	1.5	0.2
320	29.3	22.8	17.5	13.1	9.4	6.3	3.6	1.5	0.3
325	29.3	22.6	17.5	13.1	9.3	6.1	3.6	1.4	0.4
330	29.3	22.6	17.4	13.0	9.3	6.0	3.5	1.4	0.3
335	29.3	22.4	17.3	12.8	9.2	6.0	3.5	1.3	0.3
340	29.2	22.3	17.2	12.8	9.1	6.0	3.5	1.4	0.3
345	29.2	22.4	17.2	12.8	9.1	6.0	3.5	1.3	0.3

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Photometric Data Table [Unit:cd] RLH-4011N-IC-30

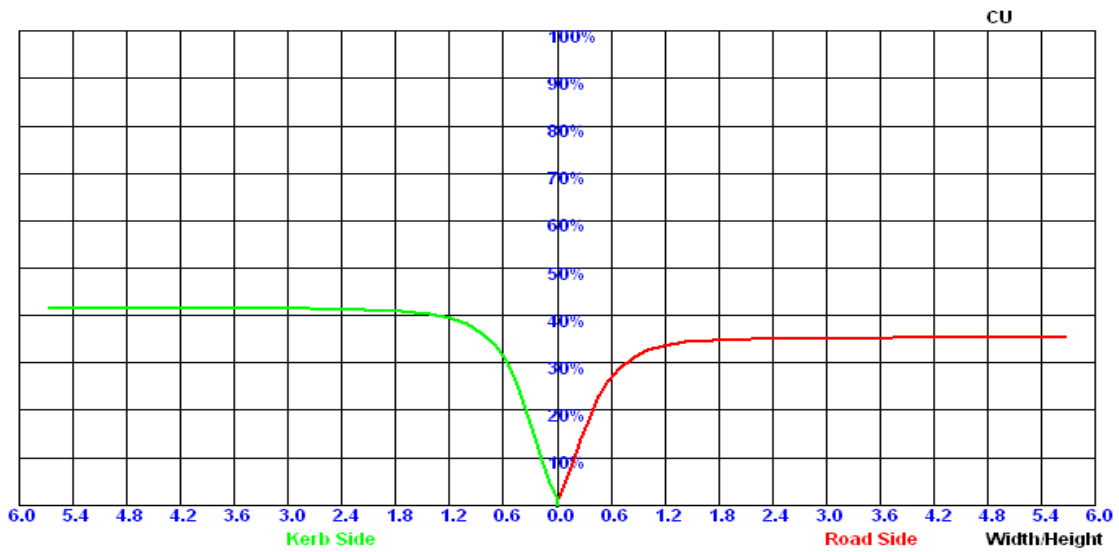
350	29.0	22.3	17.2	12.8	9.1	6.0	3.5	1.3	0.3
355	29.0	22.2	17.0	12.8	9.1	6.1	3.4	1.3	0.3
360	28.9	22.3	17.2	12.8	9.1	6.0	3.5	1.3	0.4

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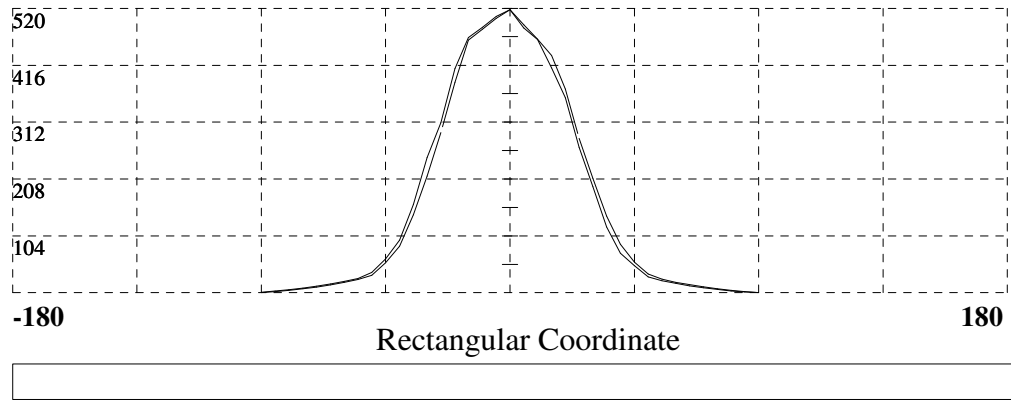
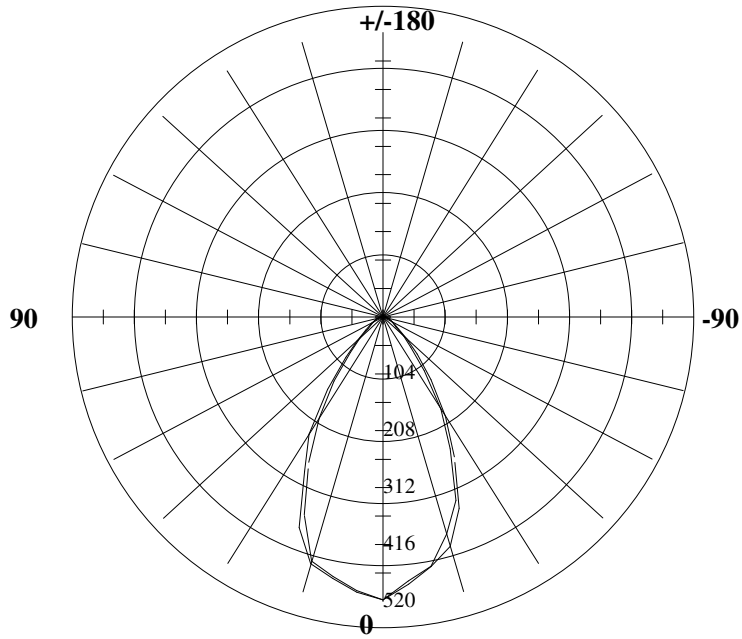
Zonal FluxRLH-4011N-IC-30

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	517.35	0.00	0.00	0.00	0.00
5	495.68	12.11	12.11	1.51	1.51
10	473.47	34.67	46.78	4.33	5.85
15	443.42	54.39	101.17	6.80	12.65
20	381.11	67.95	169.12	8.49	21.14
25	292.05	70.60	239.73	8.83	29.97
30	212.73	63.88	303.61	7.99	37.95
35	142.47	52.31	355.91	6.54	44.49
40	85.90	38.10	394.01	4.76	49.25
45	55.07	26.10	420.11	3.26	52.51
50	33.42	17.88	437.99	2.24	54.75
55	24.39	12.57	450.56	1.57	56.32
60	19.13	10.06	460.62	1.26	57.58
65	14.54	8.18	468.80	1.02	58.60
70	10.67	6.38	475.19	0.80	59.40
75	7.31	4.70	479.89	0.59	59.99
80	4.53	3.17	483.06	0.40	60.38
85	2.14	1.81	484.87	0.23	60.61
90	0.50	0.72	485.59	0.09	60.70

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Coefficient Utilization Curve RLH-4011N-IC-30

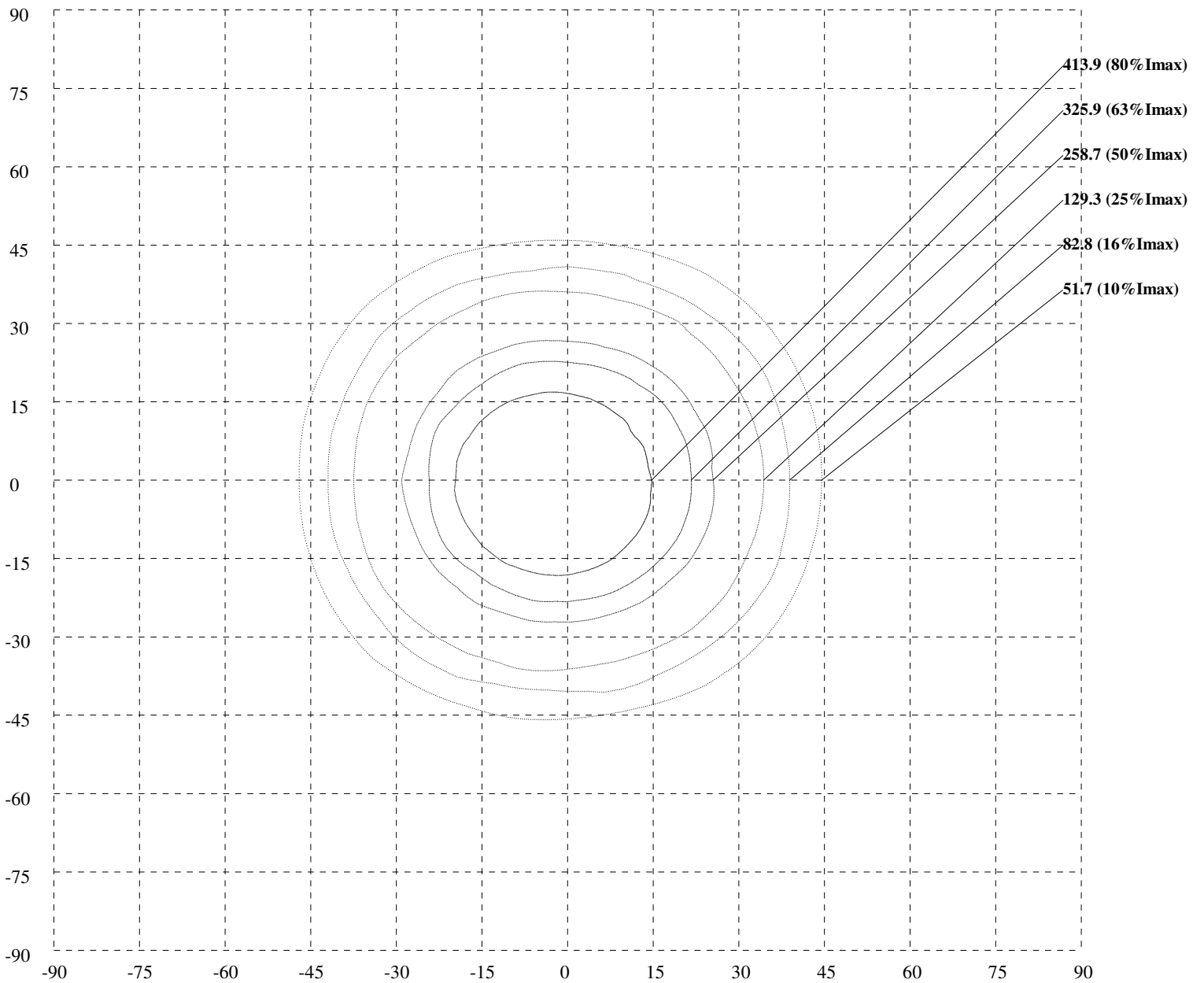


Light Distribution Curve[Unit: cd]



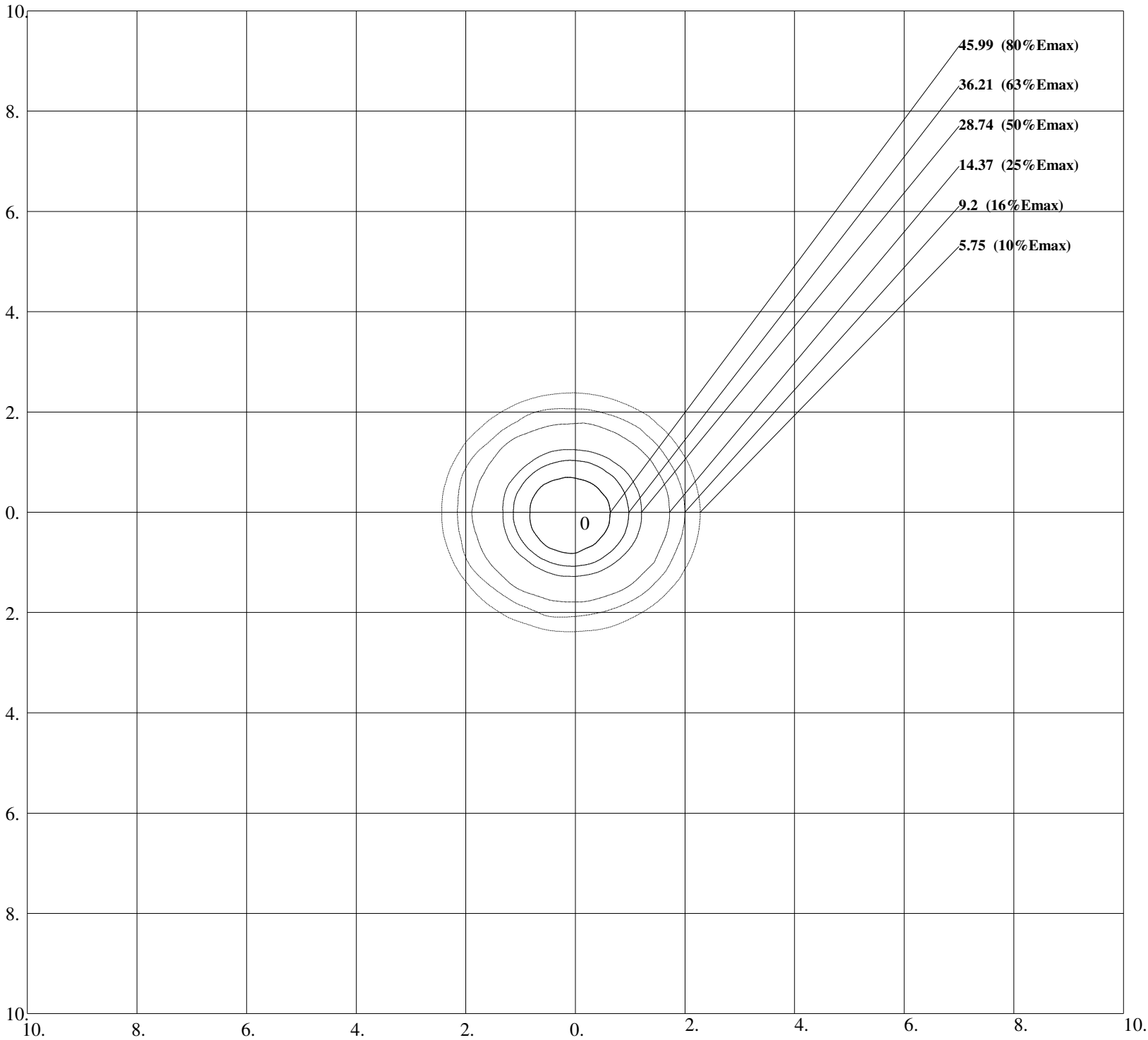
JESCO LIGHTING

ISO-Candela V-H [Unit :cd]RLH-4011N-IC-30



JESCO LIGHTING

Iso-Lux [Unit :lx]RLH-4011N-IC-30



Units: lx
Height: 3 m
Max Illuminance : 57.48lx

JESCO LIGHTING
Lux-Distance Curve

