



# JESCO LIGHTING

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

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## Test Report of Luminaire

Report No.:

Luminaire Type	RLH-3514-40		
Lamp Type	LUMILEDS-15W		
Client		EUT NO.	

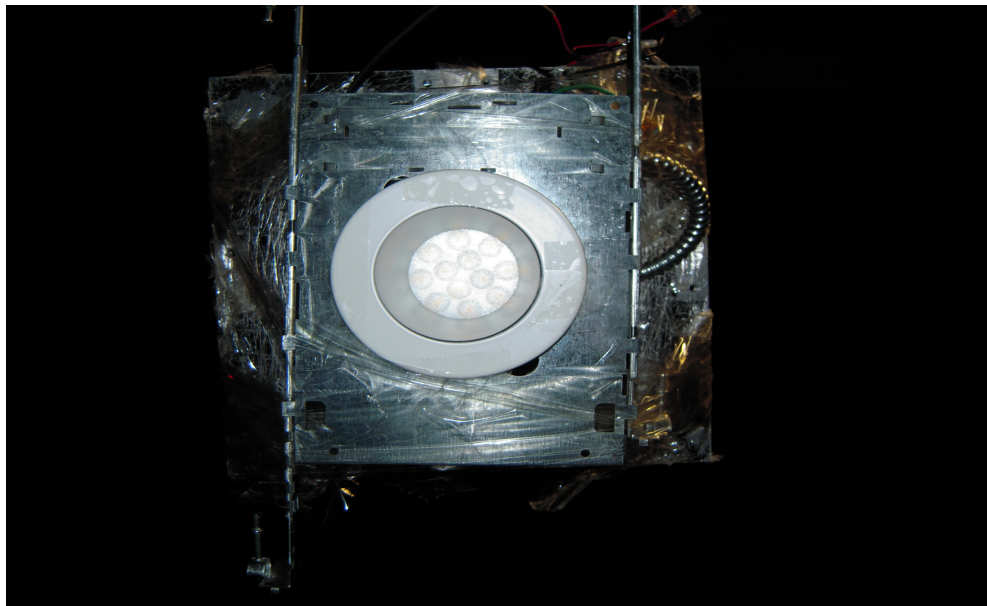
### Luminaire Parameters:

Voltage	123.7	Current	0.128
Power:	15.2	Power Factor	0.959
Frequency:	60Hz	Tc	4000K

### Photometric Parameters

Luminaire Flux	506.73 lm	Luminaire Eff.	63.34%
Max Intensity	723.963cd	Central Intensity	723.963cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	63.34%		
50%Imax Beam Width	C0_180[ 22.2 , -21.1] C90_270[ 22.2 , -20.9]		
Remark			

### Luminaire Figure



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## Photometric Data Table [Unit:cd] RLH-3514-40

C\G	0	5	10	15	20	25	30	35	40	45
0	724.0	692.0	613.8	507.0	414.2	293.1	209.0	134.4	96.1	71.3
5	724.0	689.9	623.9	510.4	413.9	294.1	204.9	137.6	96.9	71.3
10	724.0	691.0	633.9	516.4	413.9	298.4	200.9	141.2	97.5	70.9
15	724.0	691.3	638.5	522.4	415.9	308.8	199.6	142.7	97.6	70.9
20	724.0	692.6	638.9	525.1	416.6	310.8	200.9	143.0	97.6	70.8
25	724.0	691.6	632.2	522.4	416.6	303.1	203.6	141.6	97.3	70.8
30	724.0	689.3	624.2	516.7	417.9	299.7	210.6	138.2	96.9	71.0
35	724.0	685.9	615.8	513.4	419.9	300.4	216.6	136.0	96.4	71.0
40	724.0	683.9	611.8	509.4	419.6	299.1	215.0	135.1	95.5	70.5
45	724.0	682.3	610.2	507.7	415.9	297.7	213.0	134.4	94.7	69.8
50	724.0	680.3	611.8	507.4	412.6	298.1	203.9	136.2	93.6	68.5
55	724.0	682.6	612.8	507.0	410.9	302.1	198.6	138.7	93.2	67.5
60	724.0	682.3	610.2	510.0	410.2	308.8	196.9	138.9	92.8	67.0
65	724.0	682.6	608.2	509.0	409.6	304.4	197.3	138.8	92.9	66.8
70	724.0	684.6	608.5	510.0	410.9	299.4	200.9	136.4	93.4	67.0
75	724.0	687.3	609.2	510.4	412.6	298.4	208.0	134.7	94.1	67.2
80	724.0	688.9	615.8	511.0	413.9	299.4	214.0	134.8	94.7	67.1
85	724.0	690.6	623.5	513.0	412.6	299.7	214.0	135.6	94.9	67.1
90	724.0	693.6	634.9	516.4	412.2	299.4	209.6	137.0	94.5	66.5
95	724.0	695.0	644.9	519.0	412.6	298.4	202.3	139.4	93.7	66.2
100	724.0	694.0	648.2	522.1	411.2	300.1	199.6	141.7	92.7	65.5
105	724.0	690.3	642.9	519.4	410.6	302.1	197.6	143.3	91.5	64.9
110	724.0	688.9	633.2	518.0	409.2	295.4	197.3	139.9	90.4	64.1
115	724.0	685.6	625.5	515.4	409.2	289.7	197.6	134.0	89.3	63.5
120	724.0	684.6	621.2	512.0	405.6	287.1	198.3	128.7	88.5	62.9
125	724.0	682.3	616.2	509.0	397.5	286.4	200.6	124.4	87.3	62.1
130	724.0	681.9	613.5	507.0	393.5	286.1	197.6	121.8	85.6	61.3
135	724.0	679.3	612.5	504.4	393.2	285.7	186.6	120.8	83.9	60.3
140	724.0	680.6	610.8	498.4	389.5	286.4	177.9	121.1	82.1	59.5
145	724.0	682.3	610.5	491.7	383.9	284.4	172.9	122.3	80.4	58.9
150	724.0	683.3	610.2	490.0	381.9	280.1	170.2	121.8	79.3	58.5
155	724.0	685.6	608.2	495.3	380.5	282.1	170.9	120.5	79.3	58.2
160	724.0	688.6	607.5	499.0	379.5	279.1	173.2	116.9	79.6	58.2
165	724.0	691.6	605.5	502.7	379.9	274.7	176.6	114.7	80.2	58.2
170	724.0	694.6	605.8	505.4	377.5	266.7	179.2	114.1	80.9	58.0
175	724.0	697.6	609.2	505.0	380.2	265.0	181.6	115.2	81.1	57.9
180	724.0	700.3	611.2	503.7	388.2	264.7	179.2	116.0	80.9	57.9
185	724.0	702.0	613.2	498.7	392.5	265.4	174.9	117.2	80.7	57.8
190	724.0	703.0	612.2	491.7	394.5	265.4	171.9	119.1	80.5	57.7
195	724.0	702.3	609.5	487.3	393.5	262.7	170.9	120.8	80.5	57.6
200	724.0	699.3	606.5	484.3	392.2	263.7	171.9	120.2	80.9	57.6
205	724.0	696.0	601.8	488.3	390.9	264.0	174.6	119.1	81.7	57.6
210	724.0	691.6	597.2	495.3	385.5	262.4	177.2	118.6	82.2	57.8
215	724.0	688.3	593.5	498.4	377.2	261.4	180.2	119.1	82.8	58.0
220	724.0	686.3	589.5	497.0	368.5	262.4	180.6	118.4	82.7	58.1
225	724.0	682.9	584.8	494.3	364.2	267.7	176.6	118.7	82.2	58.2
230	724.0	681.3	582.5	490.3	366.2	272.0	175.6	120.0	81.2	58.3
235	724.0	680.3	580.1	484.3	368.8	275.4	173.6	121.6	80.5	58.5

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## Photometric Data Table [Unit:cd] RLH-3514-40

240	724.0	677.3	579.8	478.0	368.5	274.7	171.9	121.8	80.1	58.7
245	724.0	676.9	579.1	476.0	368.8	275.0	172.6	122.5	80.6	59.2
250	724.0	675.9	580.5	478.3	371.2	278.4	175.6	122.6	81.9	59.9
255	724.0	675.3	581.8	483.3	374.5	278.0	180.2	121.6	83.7	60.9
260	724.0	676.9	584.5	488.3	375.5	276.4	186.9	121.1	85.5	62.0
265	724.0	676.6	585.5	491.0	374.8	275.4	194.6	121.9	86.9	62.9
270	724.0	678.3	589.8	492.7	381.2	275.7	191.6	123.8	88.2	63.9
275	724.0	681.6	592.8	495.0	391.2	276.7	186.9	126.7	88.9	64.4
280	724.0	683.6	597.8	494.7	396.5	279.7	185.9	130.7	89.4	65.1
285	724.0	685.6	603.5	493.7	398.2	282.7	186.3	134.9	90.0	65.6
290	724.0	691.0	607.2	491.3	398.2	284.7	187.3	137.6	90.6	66.2
295	724.0	692.3	611.8	494.0	398.5	281.7	189.6	135.2	91.7	66.7
300	724.0	692.3	611.5	497.7	399.6	280.7	192.6	132.6	92.5	67.4
305	724.0	692.6	607.5	498.0	398.2	283.1	198.6	131.1	93.2	67.9
310	724.0	691.6	601.5	497.0	392.5	285.4	202.9	130.1	93.2	68.3
315	724.0	691.0	600.2	495.7	391.2	286.4	201.3	129.7	92.8	68.3
320	724.0	688.3	598.2	493.7	390.9	286.7	193.3	129.9	92.2	67.9
325	724.0	687.3	596.2	493.0	389.5	287.7	187.6	132.0	91.4	67.3
330	724.0	686.3	600.2	492.3	390.2	293.7	185.6	134.5	91.1	66.8
335	724.0	685.6	602.2	495.3	392.2	296.7	185.6	134.7	91.1	66.9
340	724.0	682.9	601.8	495.3	395.5	290.7	187.6	133.6	91.4	67.5
345	724.0	681.9	599.2	498.7	399.2	287.1	193.3	131.7	92.3	68.4
350	724.0	683.3	597.5	499.0	402.2	287.1	202.9	131.3	93.5	69.5
355	724.0	681.6	598.8	501.7	407.6	288.4	206.0	132.4	94.7	70.5
360	724.0	692.0	613.8	507.0	414.2	293.1	209.0	134.4	96.1	71.3

C\G	50	55	60	65	70	75	80	85	90
0	47.0	28.9	17.0	9.9	5.9	3.6	2.0	1.2	0.5
5	47.1	28.8	16.9	10.0	6.0	3.5	2.0	1.2	0.6
10	47.1	28.8	16.9	9.9	5.9	3.5	2.1	1.2	0.6
15	47.0	28.8	17.0	10.1	5.9	3.5	2.0	1.2	0.6
20	47.0	28.8	16.9	9.9	5.8	3.5	1.9	1.2	0.6
25	47.0	28.6	16.9	9.8	5.9	3.4	2.0	1.2	0.5
30	46.8	28.5	16.8	9.9	5.8	3.4	2.0	1.1	0.6
35	46.7	28.5	16.8	9.8	5.8	3.4	2.0	1.2	0.5
40	46.3	28.2	16.6	9.8	5.7	3.3	2.1	1.1	0.5
45	46.1	28.0	16.5	9.8	5.8	3.4	1.9	1.1	0.5
50	45.8	28.0	16.5	9.7	5.8	3.3	2.0	1.1	0.4
55	45.5	27.7	16.4	9.7	5.7	3.4	2.0	1.2	0.5
60	45.2	27.5	16.3	9.7	5.7	3.4	1.9	1.1	0.4
65	44.7	27.3	16.2	9.6	5.7	3.5	1.9	1.1	0.4
70	44.4	27.0	16.1	9.5	5.7	3.4	1.9	1.1	0.4
75	44.0	26.9	16.0	9.4	5.6	3.3	1.9	1.1	0.4
80	43.7	26.7	15.8	9.4	5.6	3.3	1.9	1.1	0.4
85	43.4	26.4	15.8	9.3	5.6	3.3	1.9	1.3	0.4
90	43.0	26.3	15.7	9.3	5.4	3.3	2.0	1.2	0.3
95	42.6	26.0	15.5	9.2	5.5	3.3	1.8	1.2	0.3
100	42.3	25.8	15.3	9.2	5.5	3.3	1.9	1.2	0.3

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## Photometric Data Table [Unit:cd] RLH-3514-40

105	41.8	25.5	15.2	9.1	5.4	3.3	1.9	1.2	0.3
110	41.5	25.1	15.1	9.0	5.4	3.2	1.9	1.2	0.3
115	41.1	24.9	14.9	8.9	5.4	3.2	2.0	1.1	0.4
120	40.6	24.8	14.8	8.8	5.3	3.2	2.0	1.2	0.3
125	40.2	24.5	14.6	8.8	5.2	3.2	2.0	1.1	0.3
130	39.7	24.2	14.5	8.7	5.2	3.2	2.0	1.2	0.3
135	39.3	23.9	14.3	8.6	5.2	3.2	2.0	1.2	0.4
140	39.1	23.7	14.2	8.6	5.1	3.1	1.9	1.3	0.2
145	38.8	23.5	14.1	8.4	5.1	3.2	2.0	1.2	0.3
150	38.6	23.3	13.9	8.4	5.1	3.3	1.9	1.3	0.3
155	38.2	23.1	13.8	8.3	5.0	3.1	1.9	1.3	0.3
160	38.0	23.0	13.8	8.3	4.8	3.1	2.0	1.2	0.3
165	37.9	22.8	13.7	8.1	4.9	3.1	2.0	1.3	0.3
170	37.5	22.7	13.6	8.3	5.0	3.1	2.0	1.3	0.4
175	37.5	22.6	13.5	8.1	5.0	3.1	1.9	1.4	0.4
180	37.3	22.5	13.5	8.1	4.9	3.1	2.0	1.3	0.2
185	37.3	22.4	13.4	8.1	5.0	3.1	2.0	1.4	0.3
190	37.2	22.3	13.3	8.1	5.0	3.1	2.1	1.4	0.3
195	37.2	22.5	13.4	8.1	4.9	3.0	2.0	1.5	0.3
200	37.1	22.2	13.4	7.9	4.9	3.0	2.0	1.5	0.4
205	37.2	22.3	13.3	8.1	4.9	3.2	2.0	1.4	0.3
210	37.3	22.5	13.4	8.1	5.0	3.1	2.0	1.5	0.3
215	37.4	22.4	13.4	8.0	5.0	3.1	2.0	1.5	0.4
220	37.5	22.7	13.5	8.1	4.9	3.2	2.0	1.4	0.4
225	37.8	22.7	13.6	8.2	5.0	3.3	2.1	1.5	0.3
230	38.1	23.0	13.6	8.1	5.1	3.3	2.0	1.5	0.4
235	38.4	23.2	13.9	8.2	5.1	3.3	2.1	1.5	0.2
240	38.8	23.4	14.0	8.3	5.2	3.3	2.0	1.5	0.4
245	39.3	23.7	14.0	8.5	5.2	3.2	2.1	1.4	0.3
250	39.8	24.0	14.2	8.4	5.2	3.3	2.1	1.4	0.4
255	40.1	24.3	14.3	8.7	5.2	3.3	2.2	1.4	0.3
260	40.6	24.7	14.5	8.7	5.2	3.3	2.1	1.3	0.3
265	41.1	24.9	14.7	8.8	5.3	3.4	2.1	1.4	0.4
270	41.8	25.3	14.9	8.9	5.4	3.4	2.1	1.4	0.3
275	42.2	25.7	15.1	9.0	5.5	3.4	2.0	1.4	0.4
280	42.8	26.1	15.3	9.0	5.5	3.3	2.1	1.4	0.4
285	43.2	26.3	15.5	9.2	5.6	3.4	2.2	1.4	0.2
290	43.8	26.6	15.7	9.3	5.6	3.5	2.1	1.4	0.4
295	44.2	27.0	15.9	9.4	5.6	3.4	2.2	1.3	0.4
300	44.5	27.3	16.0	9.6	5.6	3.4	2.1	1.3	0.4
305	44.8	27.5	16.2	9.5	5.7	3.4	2.2	1.4	0.4
310	45.0	27.7	16.4	9.7	5.8	3.5	2.2	1.3	0.3
315	45.3	27.9	16.5	9.7	5.9	3.4	2.1	1.3	0.3
320	45.5	27.8	16.5	9.7	5.8	3.4	2.1	1.3	0.5
325	45.8	28.2	16.6	9.8	5.8	3.6	2.1	1.3	0.4
330	45.9	28.3	16.7	9.8	5.8	3.4	2.1	1.3	0.4
335	46.3	28.2	16.7	9.8	5.9	3.4	2.1	1.3	0.5
340	46.4	28.4	16.8	9.9	5.8	3.4	2.0	1.2	0.5
345	46.6	28.5	16.8	9.9	5.8	3.5	2.0	1.2	0.6

# ***JESCO LIGHTING***

## **Photometric Data Table [Unit:cd] RLH-3514-40**

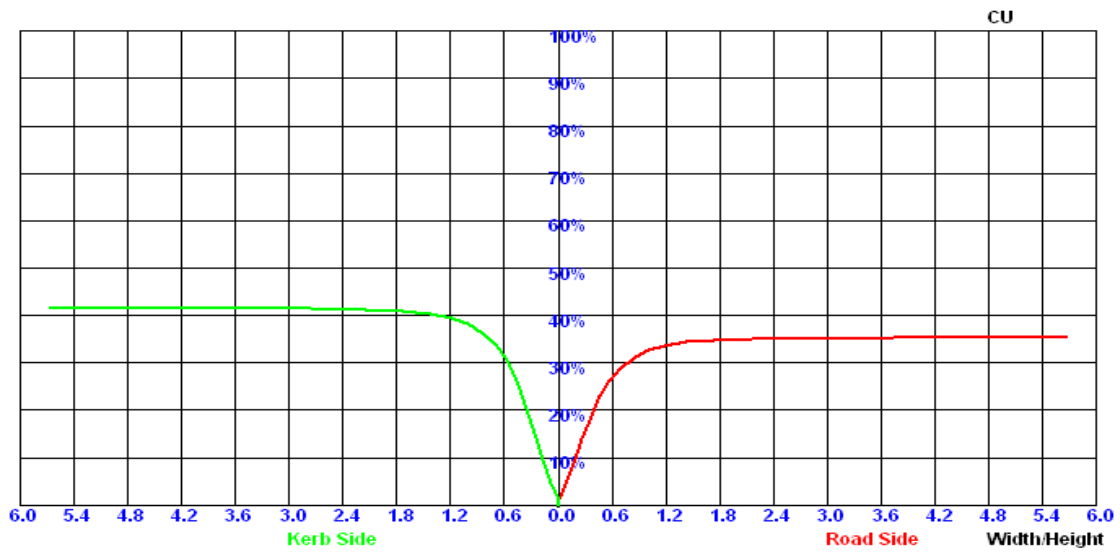
<b>350</b>	46.8	28.6	16.8	9.9	5.9	3.6	2.1	1.2	0.6
<b>355</b>	46.8	28.7	16.9	10.0	5.9	3.5	2.1	1.2	0.6
<b>360</b>	47.0	28.9	17.0	9.9	5.9	3.6	2.0	1.2	0.5

# JESCO LIGHTING

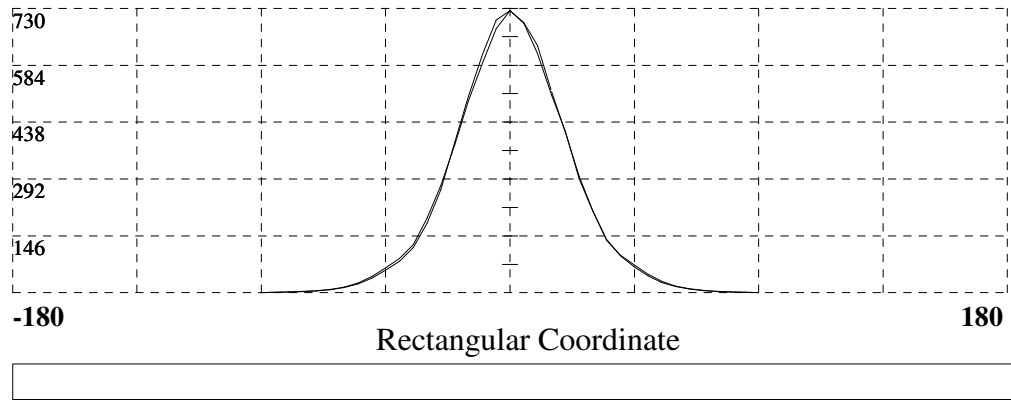
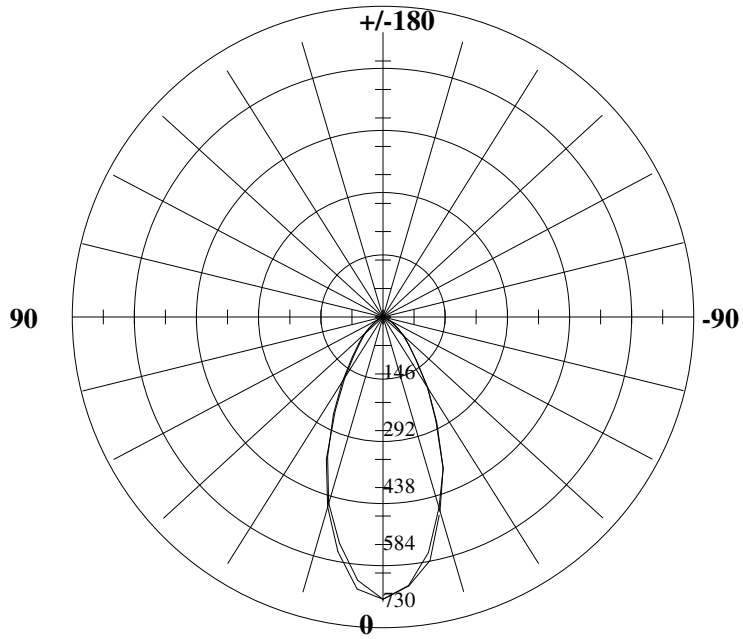
## Zonal FluxRLH-3514-40

<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	723.96	0.00	0.00	0.00	0.00
5	687.20	16.87	16.87	2.11	2.11
10	608.26	46.34	63.21	5.79	7.90
15	501.20	65.81	129.03	8.23	16.13
20	395.75	73.92	202.95	9.24	25.37
25	285.34	71.43	274.38	8.93	34.30
30	190.99	60.28	334.66	7.53	41.83
35	129.01	47.12	381.78	5.89	47.72
40	88.61	36.31	418.09	4.54	52.26
45	64.14	28.28	446.37	3.54	55.80
50	42.21	21.49	467.87	2.69	58.48
55	25.68	14.76	482.63	1.85	60.33
60	15.22	9.45	492.08	1.18	61.51
65	9.07	5.90	497.99	0.74	62.25
70	5.44	3.67	501.66	0.46	62.71
75	3.32	2.29	503.95	0.29	62.99
80	2.02	1.43	505.38	0.18	63.17
85	1.28	0.90	506.28	0.11	63.28
90	0.39	0.46	506.73	0.06	63.34

**JESCO LIGHTING**  
**Coefficient Utilization Curve RLH-3514-40**



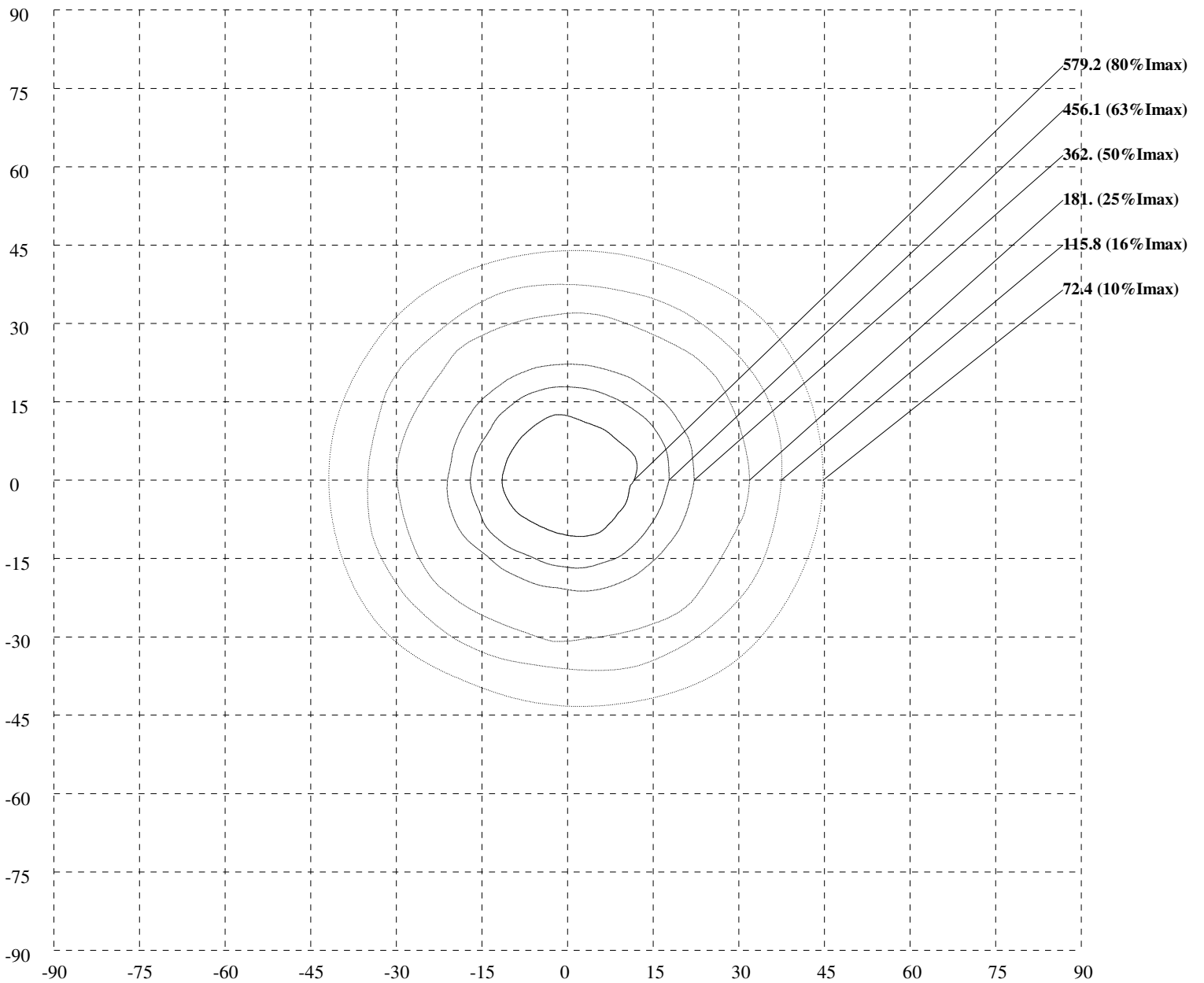
Light Distribution Curve[Unit: cd]





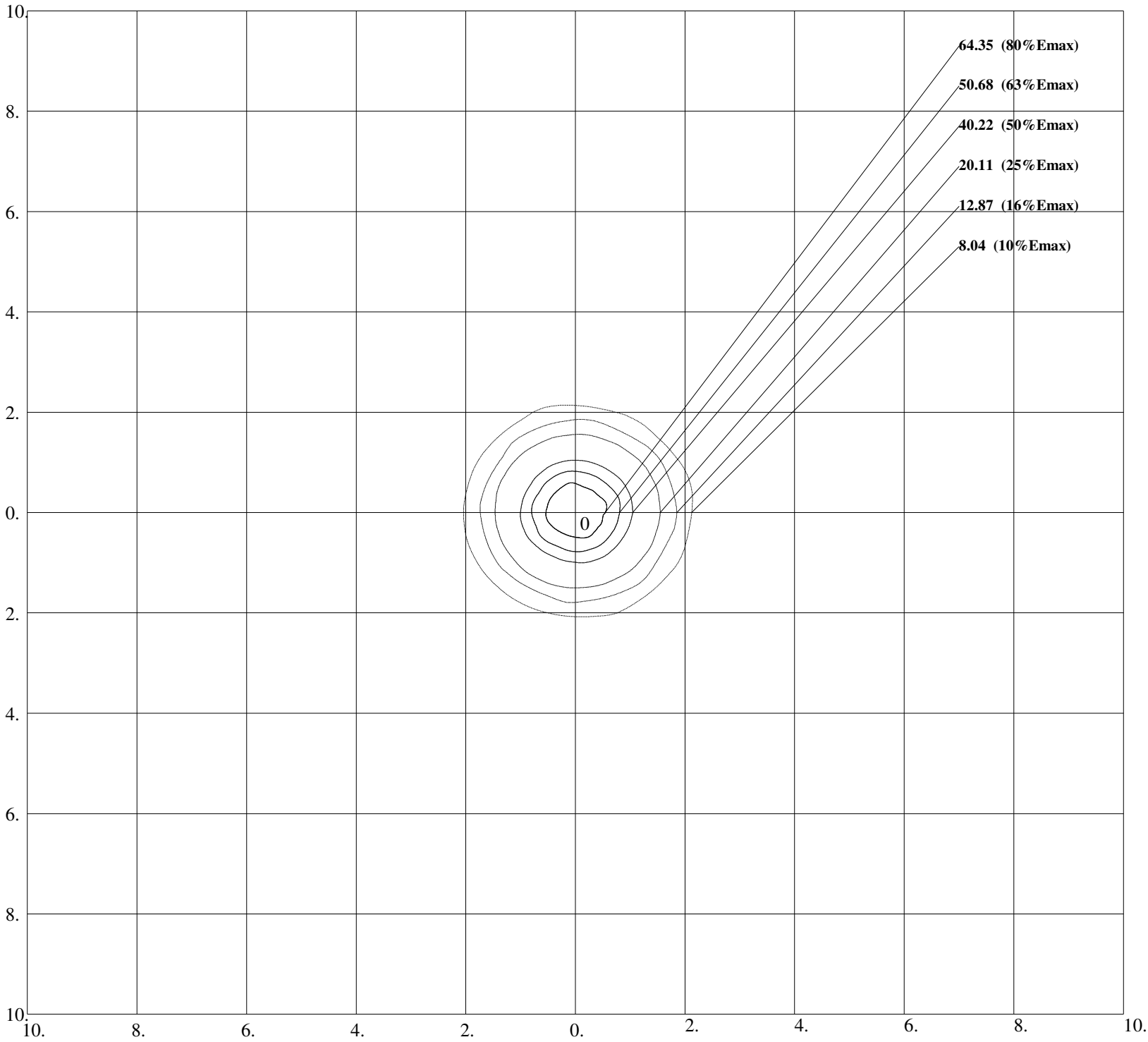
# JESCO LIGHTING

## ISO-Candela V-H [Unit :cd]RLH-3514-40



**JESCO LIGHTING**

**Iso-Lux [Unit :lx]RLH-3514-40**



Units: lx  
Height: 3 m  
Max Illuminance : 80.44lx

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

