



JESCO LIGHTING

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

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Test Report of Luminaire

Report No.:

Luminaire Type	RLH-3514N-30		
Lamp Type	LUMILEDS-15W		
Client		EUT NO.	

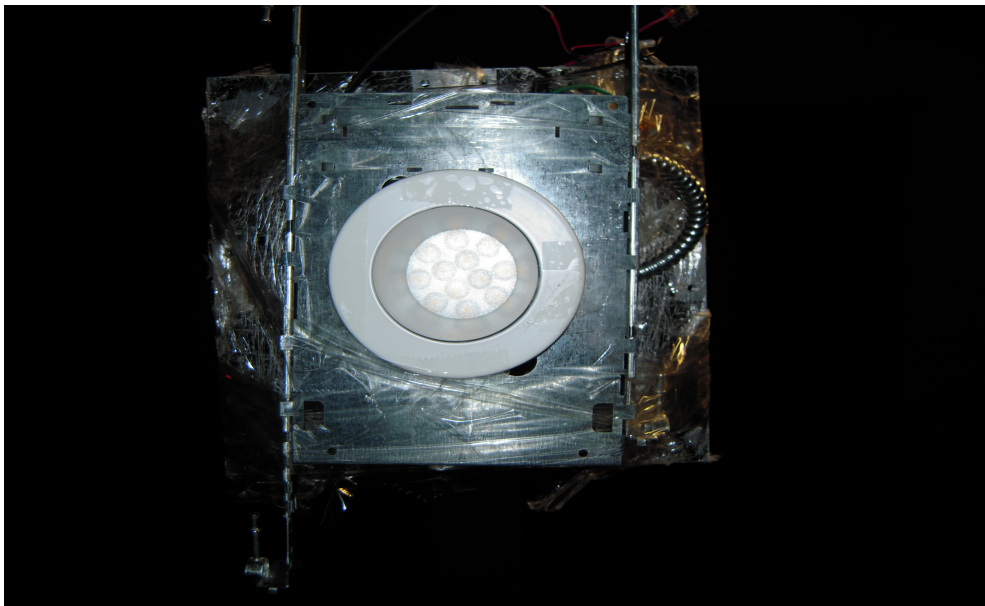
Luminaire Parameters:

Voltage	119.9	Current	0.133
Power:	15.7	Power Factor	0.979
Frequency:	60Hz	Tc	3000K

Photometric Parameters

Luminaire Flux	615.90 lm	Luminaire Eff.	76.99%
Max Intensity	808.446cd	Central Intensity	802.505cd
Angle of Max Intensity:	C:285 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	76.99%		
50%Imax Beam Width	C0_180[25.1 , -19.9] C90_270[20.0 , -24.7]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] RLH-3514N-30

C\G	0	5	10	15	20	25	30	35	40	45
0	802.5	796.4	723.7	629.9	530.4	405.6	296.7	193.3	142.6	96.0
5	802.5	794.8	724.3	624.2	531.1	401.2	293.7	191.9	139.9	95.3
10	802.5	788.8	726.0	619.5	532.4	390.2	287.7	192.3	136.9	95.0
15	802.5	788.1	730.7	616.2	533.7	381.5	279.4	192.6	134.0	95.2
20	802.5	782.4	737.0	615.5	527.1	378.5	274.7	187.6	131.4	95.0
25	802.5	777.1	741.7	615.2	511.0	376.2	271.0	184.3	129.6	94.2
30	802.5	771.1	739.0	614.8	501.0	376.2	266.0	182.3	127.9	92.3
35	802.5	764.1	726.7	609.2	493.0	372.5	252.0	179.6	125.8	90.0
40	802.5	758.7	711.3	597.5	485.7	368.2	244.0	176.2	122.8	87.7
45	802.5	755.7	698.3	590.1	478.7	351.8	238.3	173.2	119.3	85.6
50	802.5	753.0	685.3	584.1	472.7	335.1	233.7	167.9	115.9	83.9
55	802.5	746.0	674.9	578.8	462.6	326.1	230.0	159.9	112.9	82.0
60	802.5	740.0	663.6	572.8	444.3	319.8	228.3	152.9	110.5	80.1
65	802.5	741.4	652.6	566.4	431.3	315.4	224.3	147.6	107.8	78.2
70	802.5	739.0	643.9	555.1	421.9	313.1	211.3	144.1	105.1	76.2
75	802.5	735.3	638.9	539.7	415.2	312.1	200.9	142.8	102.2	74.5
80	802.5	736.3	634.5	530.7	410.2	308.1	193.3	142.3	99.2	72.8
85	802.5	734.0	632.2	526.4	406.2	296.4	187.9	139.7	96.9	71.4
90	802.5	734.3	629.9	524.1	404.9	292.1	184.9	136.6	95.4	70.1
95	802.5	735.7	625.2	524.4	400.2	289.7	184.9	134.0	94.9	69.2
100	802.5	735.3	623.2	526.7	389.5	285.4	186.3	131.6	94.8	68.4
105	802.5	737.3	622.5	531.7	382.5	281.4	187.3	129.8	95.0	67.6
110	802.5	740.0	621.5	534.4	380.5	278.7	184.6	128.9	95.2	66.9
115	802.5	743.7	624.2	528.7	381.2	278.0	184.3	128.8	95.0	66.2
120	802.5	749.0	625.2	520.7	385.2	277.7	185.9	129.3	94.4	65.5
125	802.5	754.4	629.5	514.7	392.2	274.7	185.6	129.6	93.5	65.1
130	802.5	758.7	634.9	511.4	403.2	268.4	184.9	129.7	92.7	64.6
135	802.5	762.0	636.5	509.7	408.9	265.0	184.3	129.6	92.0	64.2
140	802.5	763.1	635.9	509.4	407.9	264.4	184.9	128.9	91.6	64.0
145	802.5	761.4	633.5	508.7	402.9	267.7	185.9	128.1	91.6	63.9
150	802.5	757.4	630.2	509.4	394.5	277.0	187.6	127.1	92.0	64.0
155	802.5	752.0	625.2	514.4	387.2	280.4	187.3	126.4	92.2	64.1
160	802.5	748.7	623.2	523.7	383.9	282.1	184.3	126.1	92.2	64.3
165	802.5	743.4	622.5	531.1	382.9	285.1	184.6	127.0	91.8	64.6
170	802.5	741.4	622.5	533.1	384.2	289.4	187.9	128.5	91.1	64.9
175	802.5	739.4	624.9	532.1	390.2	294.4	187.3	130.2	90.3	65.3
180	802.5	738.7	629.2	532.1	401.9	298.7	186.6	131.8	89.8	65.6
185	802.5	741.4	633.2	531.7	410.2	299.7	187.6	133.6	90.1	66.4
190	802.5	743.0	637.2	533.4	414.2	304.1	191.6	135.6	91.5	67.3
195	802.5	742.7	641.2	535.4	419.9	313.4	197.9	137.9	93.7	68.4
200	802.5	744.4	646.6	541.1	424.9	317.8	205.6	138.7	96.1	69.9
205	802.5	746.0	652.2	553.8	429.6	320.1	215.3	140.2	98.5	71.4
210	802.5	748.7	660.9	565.1	434.3	322.4	228.3	143.0	101.0	72.9
215	802.5	752.0	668.6	573.5	442.9	326.4	231.0	147.1	102.8	74.4
220	802.5	756.0	678.6	580.1	459.6	333.1	230.3	153.1	104.6	75.7
225	802.5	761.4	686.9	585.1	472.0	339.1	230.3	160.9	106.7	76.9
230	802.5	766.4	698.3	591.1	478.0	349.8	235.3	170.0	109.3	78.2
235	802.5	770.7	711.3	598.5	482.7	364.8	241.7	172.6	112.0	79.7

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Photometric Data Table [Unit:cd] RLH-3514N-30

240	802.5	775.4	727.3	605.5	488.0	372.2	248.7	175.1	114.4	81.7
245	802.5	779.1	742.7	614.5	494.7	371.2	260.0	176.0	116.4	84.0
250	802.5	785.4	750.4	617.9	502.4	374.5	273.7	175.5	118.2	86.3
255	802.5	792.1	747.0	618.2	514.4	376.9	279.4	175.9	119.7	87.6
260	802.5	796.1	744.7	620.2	528.7	378.5	284.7	179.8	122.1	88.3
265	802.5	798.8	741.0	622.5	533.7	382.9	290.4	185.3	125.0	88.5
270	802.5	803.8	737.0	628.2	530.4	395.5	296.7	184.7	128.2	88.7
275	802.5	806.1	738.3	636.5	530.1	407.6	300.1	185.4	131.2	89.2
280	802.5	807.1	739.0	640.5	532.1	411.6	303.4	188.3	134.3	90.6
285	802.5	808.4	737.3	641.2	534.4	416.2	313.1	194.4	136.5	93.2
290	802.5	807.1	740.0	645.2	544.8	418.6	315.4	202.3	137.4	95.9
295	802.5	805.4	742.4	649.6	559.4	418.6	312.4	211.3	138.3	98.5
300	802.5	806.4	747.0	653.9	567.4	424.6	312.4	219.3	140.9	100.9
305	802.5	806.1	754.4	662.6	569.8	439.9	313.4	216.4	145.0	102.4
310	802.5	805.8	762.4	671.3	569.1	457.6	316.8	214.7	150.4	103.5
315	802.5	804.8	765.1	675.3	564.1	462.3	319.1	213.6	155.9	104.2
320	802.5	805.1	766.7	673.9	561.1	462.3	316.4	213.4	158.3	104.7
325	802.5	805.1	762.0	669.3	563.4	462.0	318.8	215.7	157.7	105.5
330	802.5	804.4	753.0	663.2	568.8	454.3	316.1	218.1	153.7	106.0
335	802.5	803.1	744.7	656.2	570.1	437.6	312.1	220.6	150.1	105.9
340	802.5	800.1	735.7	647.9	565.8	424.3	309.4	222.7	147.4	105.0
345	802.5	800.1	728.7	641.2	557.1	417.9	309.8	213.6	145.8	103.2
350	802.5	796.8	723.0	636.5	542.7	415.9	311.1	204.9	145.7	100.9
355	802.5	794.8	721.3	633.2	532.7	411.2	306.4	198.6	145.5	98.2
360	802.5	796.4	723.7	629.9	530.4	405.6	296.7	193.3	142.6	96.0

C\G	50	55	60	65	70	75	80	85	90
0	69.0	43.8	25.8	15.0	8.5	4.6	2.4	1.2	0.6
5	67.9	42.9	25.2	14.6	8.2	4.4	2.3	1.1	0.5
10	66.9	41.9	24.6	14.3	8.1	4.4	2.2	1.2	0.5
15	65.6	40.8	23.9	13.9	7.8	4.3	2.2	1.0	0.5
20	64.3	39.8	23.3	13.5	7.6	4.1	2.0	1.0	0.5
25	62.7	38.6	22.5	13.0	7.3	3.9	1.9	1.0	0.4
30	61.3	37.5	21.7	12.6	7.1	3.8	1.9	0.9	0.4
35	59.8	36.3	21.2	12.2	6.8	3.6	1.8	0.7	0.5
40	58.2	35.2	20.5	11.7	6.6	3.6	1.7	0.7	0.4
45	56.6	34.1	19.8	11.3	6.4	3.3	1.7	0.7	0.3
50	55.2	33.0	19.2	11.0	6.1	3.2	1.6	0.7	0.4
55	53.6	32.0	18.6	10.7	5.8	3.1	1.5	0.6	0.3
60	52.2	31.2	18.1	10.4	5.6	3.1	1.4	0.6	0.3
65	50.8	30.2	17.5	10.0	5.6	3.0	1.3	0.6	0.3
70	49.4	29.4	17.0	9.7	5.4	2.8	1.4	0.6	0.4
75	48.2	28.5	16.6	9.5	5.2	2.7	1.3	0.5	0.3
80	47.1	27.9	16.1	9.3	5.1	2.6	1.3	0.6	0.4
85	46.0	27.3	15.8	9.0	4.9	2.5	1.1	0.5	0.2
90	45.1	26.6	15.4	8.8	4.9	2.5	1.0	0.4	0.3
95	44.2	26.2	15.2	8.6	4.8	2.6	1.2	0.5	0.3
100	43.4	25.6	14.8	8.5	4.7	2.5	1.3	0.6	0.4

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Photometric Data Table [Unit:cd] RLH-3514N-30

105	42.7	25.3	14.7	8.4	4.6	2.4	1.2	0.5	0.5
110	42.0	24.8	14.4	8.3	4.6	2.4	1.2	0.6	0.5
115	41.6	24.5	14.3	8.2	4.6	2.5	1.2	0.7	0.5
120	41.0	24.3	14.2	8.1	4.4	2.4	1.2	0.7	0.6
125	40.9	24.1	14.0	8.1	4.5	2.3	1.3	0.7	0.6
130	40.5	24.0	14.0	8.0	4.4	2.4	1.3	0.7	0.6
135	40.4	23.9	13.8	7.9	4.4	2.4	1.2	0.7	0.6
140	40.2	23.7	13.9	7.9	4.4	2.3	1.2	0.6	0.7
145	40.1	23.8	13.9	8.0	4.4	2.3	1.3	0.8	0.7
150	40.2	23.8	13.9	8.0	4.4	2.3	1.2	0.7	0.7
155	40.3	23.8	14.0	8.0	4.5	2.3	1.2	0.7	0.6
160	40.5	24.1	14.1	8.1	4.4	2.3	1.2	0.7	0.7
165	40.9	24.1	14.1	8.2	4.4	2.2	1.2	0.6	0.6
170	41.3	24.4	14.3	8.2	4.4	2.3	1.1	0.6	0.5
175	41.8	24.8	14.5	8.3	4.6	2.2	1.2	0.6	0.5
180	42.3	25.2	14.7	8.4	4.5	2.3	1.2	0.7	0.5
185	43.1	25.6	14.9	8.5	4.6	2.4	1.2	0.6	0.6
190	43.8	26.1	15.2	8.8	4.7	2.4	1.2	0.6	0.5
195	44.6	26.7	15.5	8.9	4.8	2.5	1.2	0.6	0.5
200	45.5	27.4	15.8	9.0	4.9	2.7	1.2	0.5	0.4
205	46.5	28.0	16.3	9.2	5.0	2.5	1.2	0.6	0.5
210	47.6	28.6	16.6	9.5	5.2	2.6	1.3	0.6	0.4
215	48.7	29.4	17.0	9.7	5.4	2.7	1.3	0.6	0.4
220	49.9	30.2	17.6	10.0	5.5	2.8	1.4	0.6	0.4
225	51.2	31.0	18.1	10.2	5.7	2.9	1.5	0.6	0.4
230	52.4	32.0	18.5	10.5	5.8	3.1	1.4	0.6	0.3
235	53.7	32.8	19.1	10.9	6.1	3.1	1.5	0.6	0.4
240	55.2	33.8	19.6	11.2	6.2	3.3	1.6	0.7	0.4
245	56.6	34.8	20.2	11.6	6.4	3.4	1.7	0.7	0.5
250	58.0	35.9	20.9	11.9	6.7	3.5	1.7	0.8	0.3
255	59.5	36.9	21.5	12.3	6.9	3.8	1.7	0.8	0.3
260	60.9	38.1	22.2	12.7	7.2	3.8	1.8	0.7	0.3
265	62.4	39.1	22.8	13.2	7.3	4.0	2.0	1.0	0.5
270	63.6	40.2	23.5	13.5	7.6	4.1	2.0	0.9	0.4
275	64.9	41.3	24.3	13.9	7.8	4.3	2.2	1.0	0.4
280	66.0	42.4	24.8	14.4	8.0	4.4	2.2	1.0	0.5
285	67.5	43.3	25.5	14.7	8.3	4.5	2.4	1.1	0.5
290	69.0	44.4	26.2	15.1	8.5	4.6	2.4	1.1	0.6
295	70.5	45.1	26.7	15.4	8.7	4.8	2.5	1.2	0.6
300	71.7	46.0	27.1	15.7	8.9	4.8	2.5	1.2	0.6
305	72.6	46.4	27.5	15.8	9.0	4.9	2.5	1.3	0.6
310	73.3	46.9	27.7	16.1	9.1	4.9	2.6	1.3	0.7
315	73.9	47.3	27.9	16.3	9.3	5.0	2.6	1.4	0.7
320	74.2	47.6	28.1	16.3	9.3	5.1	2.6	1.3	0.7
325	74.4	47.6	28.2	16.4	9.4	5.1	2.6	1.4	0.6
330	74.4	47.3	28.1	16.2	9.2	5.1	2.7	1.3	0.7
335	74.2	47.1	28.0	16.2	9.2	5.0	2.7	1.3	0.6
340	73.6	46.6	27.7	16.0	9.1	5.0	2.7	1.2	0.6
345	72.6	46.1	27.3	15.9	9.0	5.0	2.6	1.3	0.6

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Photometric Data Table [Unit:cd] RLH-3514N-30

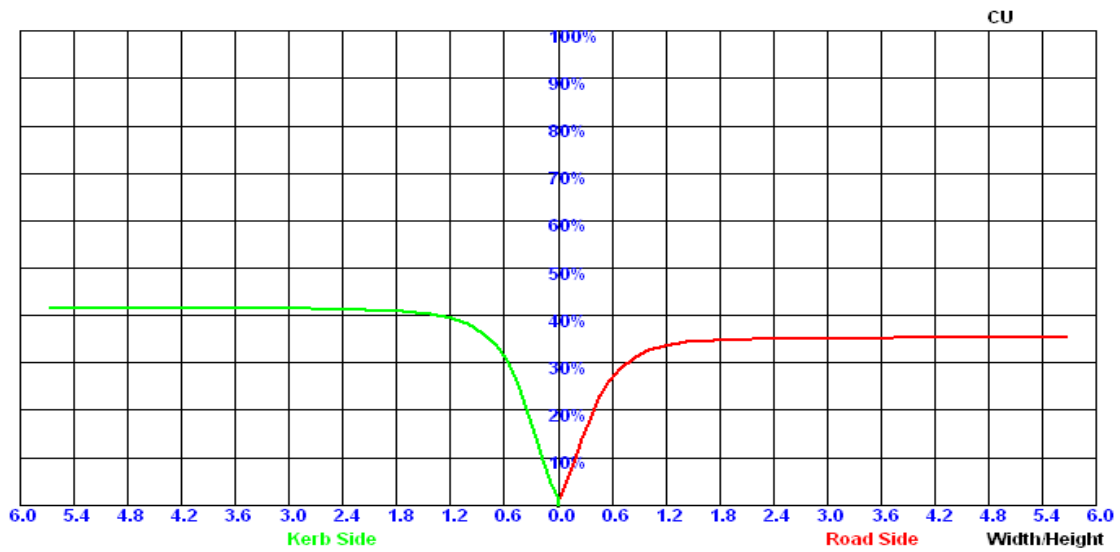
350	71.3	45.5	26.9	15.6	8.8	4.8	2.5	1.2	0.6
355	70.0	44.6	26.5	15.3	8.7	4.8	2.4	1.2	0.6
360	69.0	43.8	25.8	15.0	8.5	4.6	2.4	1.2	0.6

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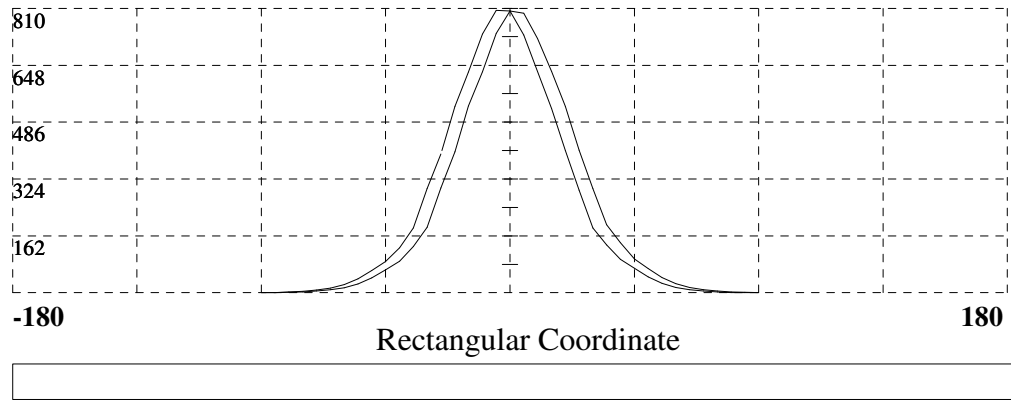
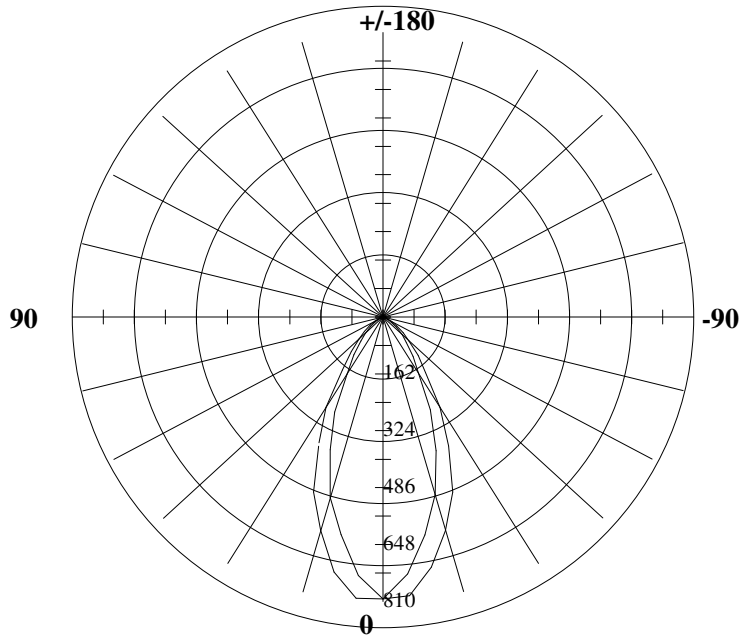
Zonal FluxRLH-3514N-30

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	802.50	0.00	0.00	0.00	0.00
5	769.00	18.79	18.79	2.35	2.35
10	688.48	52.14	70.93	6.52	8.87
15	585.00	75.54	146.47	9.44	18.31
20	471.47	87.07	233.54	10.88	29.19
25	350.60	86.22	319.76	10.78	39.97
30	244.13	75.26	395.02	9.41	49.38
35	165.99	60.39	455.41	7.55	56.93
40	115.98	47.04	502.46	5.88	62.81
45	82.05	36.67	539.13	4.58	67.39
50	55.29	27.75	566.88	3.47	70.86
55	34.02	19.42	586.30	2.43	73.29
60	19.90	12.46	598.76	1.56	74.85
65	11.45	7.62	606.39	0.95	75.80
70	6.40	4.52	610.91	0.57	76.36
75	3.42	2.57	613.47	0.32	76.68
80	1.72	1.37	614.85	0.17	76.86
85	0.82	0.69	615.54	0.09	76.94
90	0.49	0.36	615.90	0.04	76.99

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Coefficient Utilization Curve RLH-3514N-30

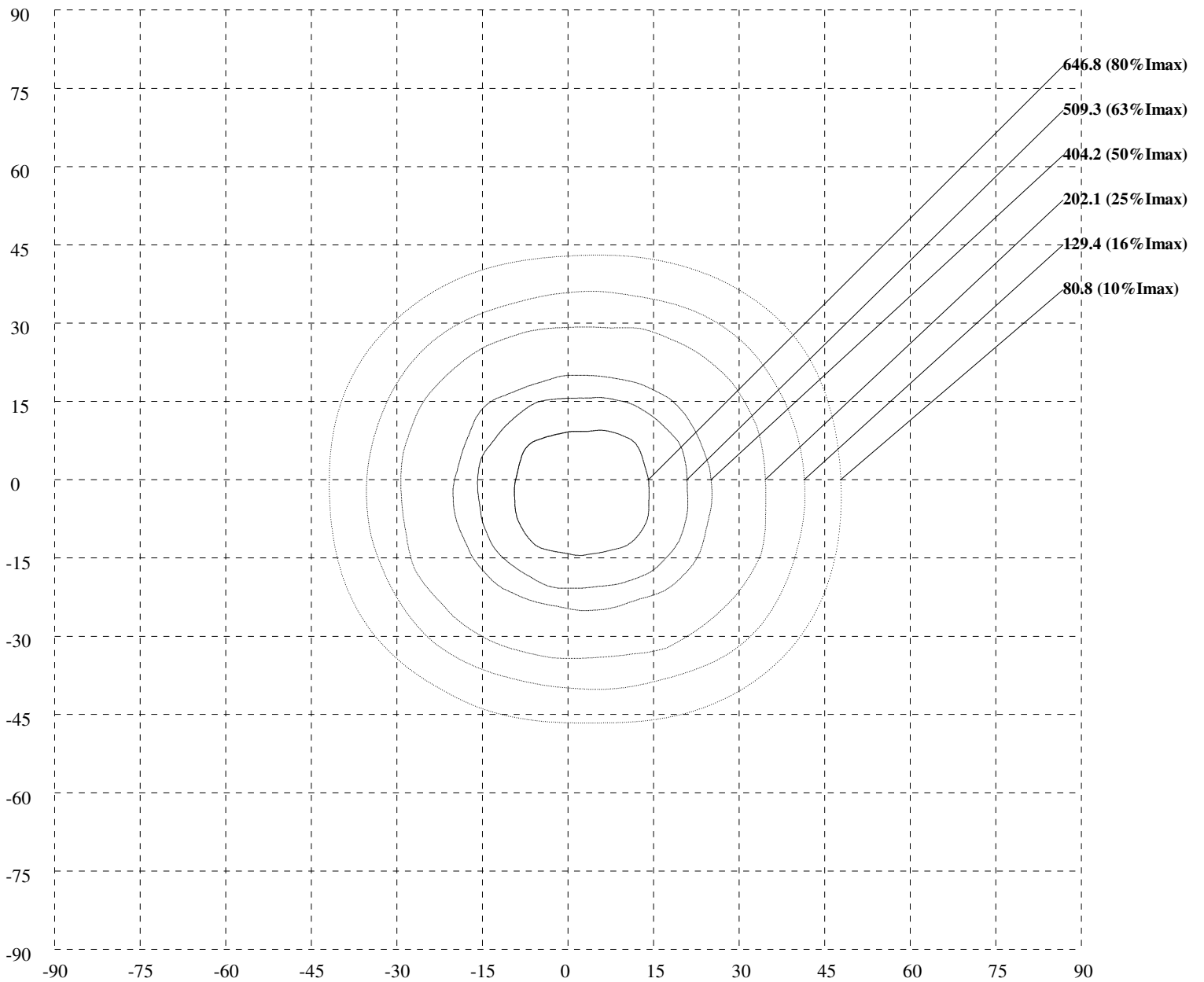


Light Distribution Curve[Unit: cd]



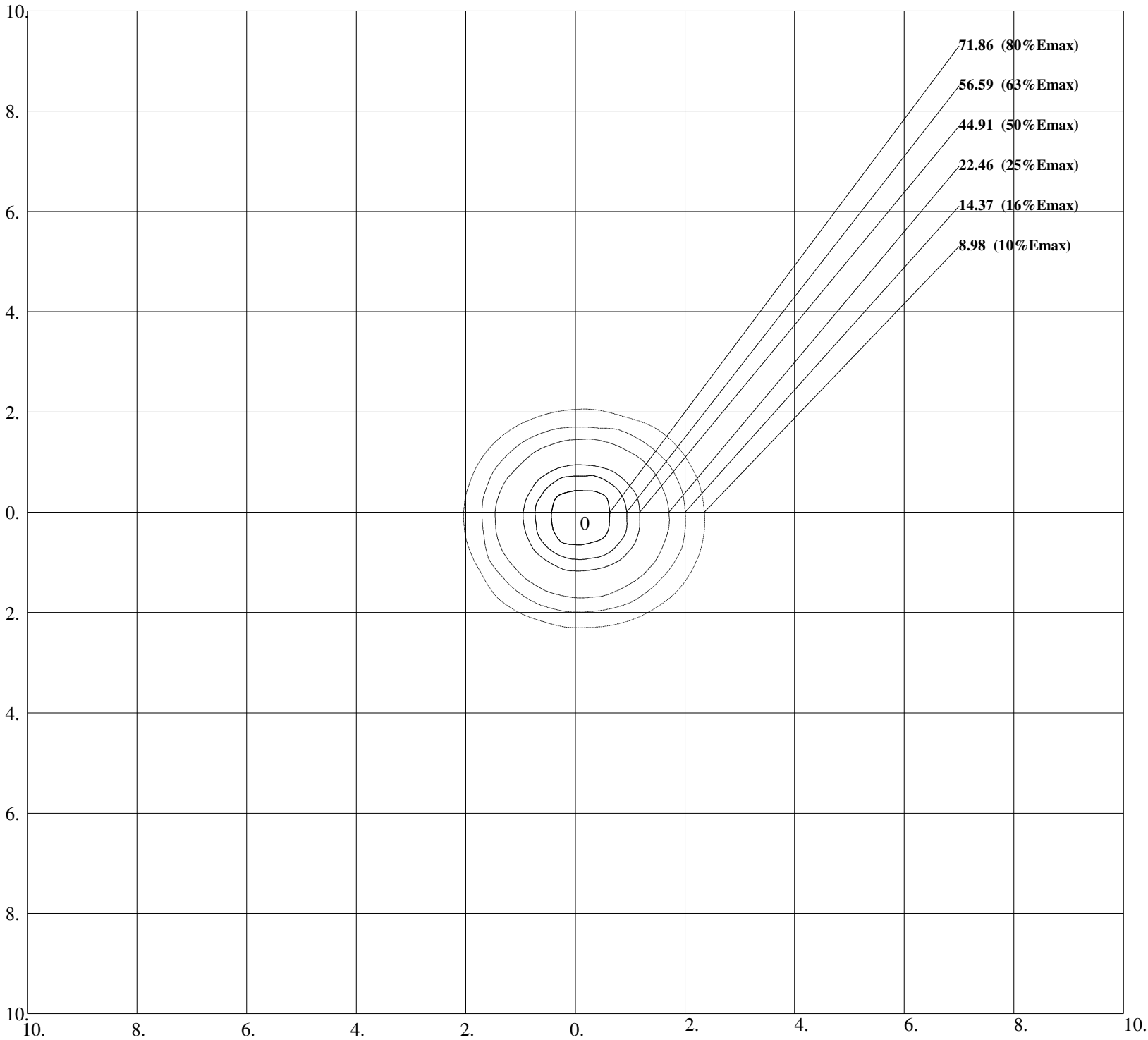
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ISO-Candela V-H [Unit :cd]RLH-3514N-30



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Iso-Lux [Unit :lx]RLH-3514N-30



Units: lx
Height: 3 m
Max Illuminance : 89.83lx

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Lux-Distance Curve

