



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-6015N-IC-40		
Lamp Type	LUMILEDS-15W		
Client		EUT NO.	
Luminaire Parameters:			
Voltage	119.8	Current	0.129
Power:	15.1	Power Factor	0.983
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	612.81 lm	Luminaire Eff.	51.07%
Max Intensity	629.4cd	Central Intensity	611.409cd
Angle of Max Intensity:	C:60 G:10		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	51.07%		
50%Imax Beam Width	C0_180[33.5 ,-25.2] C90_270[32.5 ,-26.0]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] RLH-6015N-IC-40

C\G	0	5	10	15	20	25	30	35	40	45
0	611.4	614.2	611.9	592.9	544.0	459.9	377.8	288.4	202.5	119.0
5	611.4	614.1	615.7	596.5	550.8	466.6	382.9	293.6	206.9	116.2
10	611.4	614.1	615.8	596.7	549.9	473.5	386.3	298.4	209.8	118.6
15	611.4	614.5	613.6	596.3	550.2	475.9	392.8	302.9	214.9	117.4
20	611.4	616.5	610.7	593.8	552.3	478.3	396.3	306.4	217.0	117.3
25	611.4	617.9	609.1	588.2	554.1	481.6	394.5	313.2	214.3	117.0
30	611.4	619.8	609.0	583.9	552.7	481.5	399.4	311.1	219.2	116.2
35	611.4	621.4	609.9	587.1	554.7	482.3	398.4	313.2	220.9	117.4
40	611.4	622.8	611.7	596.3	558.1	485.0	402.0	310.5	220.6	117.3
45	611.4	623.8	617.5	604.4	562.1	483.8	400.0	310.1	220.3	119.3
50	611.4	623.8	621.4	613.6	562.3	485.5	396.7	312.2	223.2	116.0
55	611.4	618.4	625.7	606.8	558.1	481.2	393.0	307.6	219.2	114.1
60	611.4	618.5	629.4	606.9	557.3	476.6	389.5	307.0	212.4	113.6
65	611.4	622.7	627.6	601.1	558.1	470.9	387.3	302.7	207.2	113.1
70	611.4	623.2	623.9	596.8	554.2	464.9	383.4	296.5	200.2	110.2
75	611.4	623.5	621.0	595.7	546.1	460.9	379.9	290.4	192.5	109.5
80	611.4	623.6	619.8	596.4	542.1	457.8	371.8	285.8	187.6	106.3
85	611.4	622.8	620.0	597.3	539.2	451.9	369.2	275.5	183.8	105.8
90	611.4	622.0	618.3	593.9	530.8	446.9	362.2	267.8	178.9	102.0
95	611.4	621.1	614.2	585.4	526.1	441.9	355.4	258.2	172.1	100.1
100	611.4	620.1	608.2	576.3	519.0	434.0	345.2	252.0	169.0	93.7
105	611.4	619.5	601.2	567.3	512.0	426.2	335.8	241.5	163.2	91.3
110	611.4	618.3	595.5	559.9	503.2	420.7	330.4	237.1	155.4	86.6
115	611.4	617.5	591.8	554.1	494.6	411.5	321.5	226.5	151.8	83.1
120	611.4	615.9	590.5	551.2	488.2	401.7	309.4	219.6	146.8	79.9
125	611.4	614.1	590.7	551.2	482.2	394.5	300.8	212.3	140.2	77.7
130	611.4	613.0	589.4	548.7	476.6	383.3	291.8	204.6	136.5	75.7
135	611.4	612.4	587.9	540.2	468.7	375.2	280.9	196.4	132.3	75.2
140	611.4	611.4	583.7	534.1	459.7	368.8	273.4	192.3	129.0	73.1
145	611.4	611.0	578.3	529.6	453.2	358.4	264.8	185.6	125.1	70.5
150	611.4	609.4	571.1	524.2	446.9	350.4	260.1	179.8	120.9	68.5
155	611.4	606.9	565.1	516.4	440.3	344.8	251.0	175.5	118.2	67.2
160	611.4	604.2	562.1	510.3	432.2	341.0	248.1	171.8	114.8	65.8
165	611.4	601.3	560.7	506.7	426.9	337.5	243.6	167.3	112.3	64.6
170	611.4	600.2	561.6	504.1	422.9	330.3	237.8	164.7	108.8	63.5
175	611.4	599.2	563.9	503.3	420.8	324.7	232.4	161.0	106.9	62.2
180	611.4	598.5	562.0	500.5	416.1	318.4	226.6	158.9	105.3	60.1
185	611.4	598.6	557.1	494.5	415.1	312.3	223.7	156.3	103.8	58.5
190	611.4	597.4	553.7	490.9	413.1	309.3	219.2	154.8	103.2	57.8
195	611.4	595.4	549.3	490.0	406.9	306.6	217.6	152.7	102.7	57.5
200	611.4	592.0	543.9	486.2	403.7	304.7	217.3	151.7	101.7	57.8
205	611.4	589.3	541.0	482.4	404.0	302.6	215.8	149.9	101.1	58.4
210	611.4	587.2	539.7	479.8	402.7	300.7	213.5	149.4	101.2	58.9
215	611.4	588.8	540.8	480.2	399.9	301.3	214.6	149.8	101.4	58.5
220	611.4	588.7	543.3	481.3	398.8	299.2	214.0	149.0	101.6	57.7
225	611.4	593.0	548.4	484.3	400.4	300.8	213.2	149.0	102.1	57.0
230	611.4	593.5	550.2	488.1	400.1	302.6	213.3	149.3	102.6	57.2
235	611.4	593.9	553.0	490.4	401.4	303.5	214.5	151.6	103.2	57.8

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Photometric Data Table [Unit:cd] RLH-6015N-IC-40

240	611.4	592.2	553.7	493.6	402.7	306.7	215.1	151.3	104.1	59.2
245	611.4	592.9	552.7	495.3	404.8	309.3	218.7	153.1	104.8	61.1
250	611.4	593.0	552.3	496.2	408.1	312.7	222.1	154.2	105.7	62.7
255	611.4	594.3	553.0	497.1	412.1	315.3	225.6	155.8	107.3	63.6
260	611.4	594.8	555.3	501.7	417.0	321.0	228.6	158.0	108.7	64.1
265	611.4	594.9	560.3	505.4	422.0	328.6	230.2	160.7	110.6	64.6
270	611.4	596.5	565.9	510.9	430.0	333.9	234.7	164.4	112.5	65.6
275	611.4	597.9	571.3	517.8	436.3	342.6	241.1	166.8	114.8	67.2
280	611.4	599.2	574.9	523.4	445.1	348.6	245.0	170.7	117.7	69.0
285	611.4	600.8	577.5	527.7	453.1	356.1	255.1	176.4	119.7	71.3
290	611.4	602.3	578.0	531.6	458.8	366.6	265.1	180.9	123.5	73.1
295	611.4	603.9	575.3	532.9	465.5	376.6	274.3	186.9	127.2	74.6
300	611.4	605.2	573.7	535.3	475.2	383.1	284.1	193.6	131.0	76.9
305	611.4	603.4	572.1	540.1	480.5	389.9	293.9	202.6	136.4	79.3
310	611.4	604.1	574.1	545.2	488.0	401.4	301.7	210.7	142.1	83.0
315	611.4	604.4	578.9	551.6	495.5	406.8	314.1	218.7	146.9	86.1
320	611.4	604.8	585.7	558.3	497.4	412.3	321.4	228.0	154.8	89.6
325	611.4	605.9	593.5	566.2	509.1	420.5	330.7	237.9	162.0	93.8
330	611.4	606.6	599.3	571.9	516.9	427.1	341.0	247.5	167.2	98.9
335	611.4	606.2	601.0	576.4	519.9	434.0	344.9	251.7	174.0	103.0
340	611.4	605.6	600.7	575.6	522.9	440.8	353.7	261.7	177.6	107.6
345	611.4	606.0	600.7	572.4	529.5	444.4	360.3	267.8	181.4	109.3
350	611.4	606.7	601.5	571.6	535.5	450.6	367.3	274.7	188.5	112.8
355	611.4	607.5	604.4	578.1	541.0	455.6	373.6	280.9	195.1	114.9
360	611.4	614.2	611.9	592.9	544.0	459.9	377.8	288.4	202.5	119.0

C\G	50	55	60	65	70	75	80	85	90
0	52.2	15.5	3.5	1.1	1.0	0.7	0.6	0.6	0.5
5	52.6	15.3	3.6	1.1	0.9	0.7	0.7	0.6	0.5
10	53.4	15.6	3.5	1.1	0.9	0.7	0.6	0.5	0.5
15	53.5	15.8	3.4	1.2	0.8	0.7	0.6	0.7	0.4
20	52.4	15.9	3.1	1.1	0.8	0.7	0.7	0.6	0.5
25	51.3	15.8	3.0	1.1	0.9	0.7	0.7	0.6	0.5
30	51.2	15.9	2.9	1.0	0.8	0.7	0.6	0.6	0.5
35	50.6	15.7	3.0	1.0	0.8	0.7	0.7	0.6	0.5
40	50.4	15.6	3.3	1.1	0.9	0.7	0.7	0.5	0.4
45	51.5	15.5	3.5	1.1	0.8	0.7	0.6	0.6	0.5
50	51.4	15.3	3.7	1.0	0.9	0.7	0.6	0.6	0.4
55	50.9	15.0	3.7	1.1	0.8	0.7	0.6	0.6	0.4
60	50.4	14.9	3.3	1.0	0.9	0.8	0.6	0.6	0.4
65	50.0	15.1	3.3	1.0	0.8	0.8	0.6	0.6	0.4
70	49.3	15.7	3.5	1.0	0.8	0.8	0.6	0.6	0.4
75	47.9	16.6	3.4	1.0	0.9	0.7	0.6	0.5	0.6
80	47.9	16.4	3.5	0.9	0.8	0.7	0.6	0.5	0.4
85	47.5	16.5	4.1	0.9	0.7	0.7	0.6	0.5	0.5
90	47.2	15.8	4.2	1.0	0.8	0.7	0.6	0.5	0.6
95	46.6	15.1	3.9	1.0	0.8	0.6	0.6	0.6	0.5
100	46.0	14.5	3.8	1.0	0.8	0.7	0.7	0.5	0.5

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Photometric Data Table [Unit:cd] RLH-6015N-IC-40

105	44.8	13.9	3.4	1.0	0.8	0.6	0.6	0.6	0.5
110	43.5	13.4	3.1	1.0	0.8	0.7	0.7	0.6	0.6
115	41.2	13.1	3.0	1.0	0.8	0.6	0.6	0.6	0.5
120	38.8	13.0	2.9	1.1	0.9	0.7	0.5	0.6	0.5
125	37.2	13.0	2.9	1.1	0.8	0.7	0.7	0.6	0.5
130	36.1	12.9	2.9	1.1	0.9	0.8	0.7	0.6	0.5
135	35.6	13.0	3.0	1.0	0.9	0.6	0.7	0.6	0.6
140	35.4	13.0	3.0	1.0	0.8	0.8	0.6	0.6	0.5
145	34.8	12.7	2.9	1.1	0.8	0.8	0.6	0.6	0.5
150	33.1	12.3	2.7	1.2	0.9	0.9	0.7	0.6	0.5
155	31.3	11.8	2.4	1.2	0.9	0.8	0.7	0.6	0.4
160	29.9	11.5	2.2	1.3	1.0	0.8	0.7	0.7	0.5
165	28.8	11.3	2.0	1.3	1.0	0.8	0.6	0.7	0.5
170	28.2	11.2	2.0	1.4	1.1	0.9	0.7	0.6	0.5
175	27.9	11.1	1.8	1.4	1.1	1.0	0.8	0.6	0.5
180	27.6	11.1	1.8	1.6	1.3	0.9	0.8	0.7	0.5
185	26.9	11.2	1.9	1.6	1.2	1.0	0.8	0.7	0.6
190	26.1	11.1	1.9	1.5	1.3	1.0	0.8	0.6	0.6
195	25.3	10.9	1.9	1.5	1.2	1.1	0.7	0.7	0.6
200	24.8	10.4	1.9	1.7	1.3	1.0	0.7	0.7	0.6
205	24.5	10.0	1.9	1.6	1.3	1.1	0.9	0.6	0.5
210	24.4	9.9	1.9	1.7	1.3	1.1	0.8	0.7	0.5
215	24.5	9.9	1.9	1.7	1.4	1.1	0.9	0.7	0.6
220	24.4	10.2	1.8	1.7	1.4	1.1	0.8	0.7	0.6
225	24.8	10.5	2.0	1.8	1.4	1.1	0.9	0.7	0.6
230	25.5	11.0	2.0	1.7	1.3	1.1	0.9	0.7	0.6
235	26.2	11.3	2.0	1.7	1.4	1.1	0.8	0.7	0.6
240	26.9	11.5	2.0	1.7	1.3	1.1	0.7	0.7	0.6
245	27.6	11.2	2.1	1.6	1.3	1.0	0.7	0.7	0.6
250	28.0	11.1	1.8	1.5	1.2	0.9	0.8	0.7	0.5
255	28.1	10.9	1.8	1.4	1.1	0.9	0.7	0.6	0.5
260	28.8	10.9	1.6	1.3	0.9	0.8	0.7	0.7	0.6
265	29.8	11.1	1.6	1.1	0.8	0.7	0.7	0.6	0.6
270	31.1	11.3	1.6	1.1	1.0	0.7	0.7	0.6	0.5
275	32.8	11.6	1.7	1.0	0.9	0.7	0.7	0.6	0.6
280	34.2	12.1	1.7	1.1	0.9	0.7	0.7	0.6	0.6
285	34.6	12.3	1.9	1.1	1.0	0.8	0.7	0.6	0.5
290	35.0	12.5	2.1	1.1	0.9	0.7	0.6	0.6	0.5
295	35.7	12.7	2.5	1.0	0.8	0.7	0.6	0.6	0.4
300	37.1	13.0	2.7	1.1	0.9	0.9	0.7	0.5	0.5
305	39.5	13.6	3.2	1.1	0.8	0.8	0.7	0.6	0.6
310	42.1	14.4	3.6	1.0	0.8	0.7	0.7	0.6	0.5
315	44.4	15.0	4.0	1.2	0.9	0.7	0.6	0.6	0.5
320	46.0	16.1	4.3	1.1	0.9	0.7	0.7	0.6	0.5
325	47.0	16.7	4.2	1.1	0.8	0.8	0.7	0.5	0.5
330	47.7	17.2	4.1	1.0	0.8	0.7	0.6	0.6	0.4
335	47.6	17.3	3.7	1.1	0.7	0.7	0.6	0.5	0.5
340	47.9	17.3	3.3	1.1	0.8	0.7	0.6	0.6	0.6
345	48.9	17.0	3.1	1.1	0.8	0.8	0.6	0.6	0.5

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Photometric Data Table [Unit:cd] RLH-6015N-IC-40

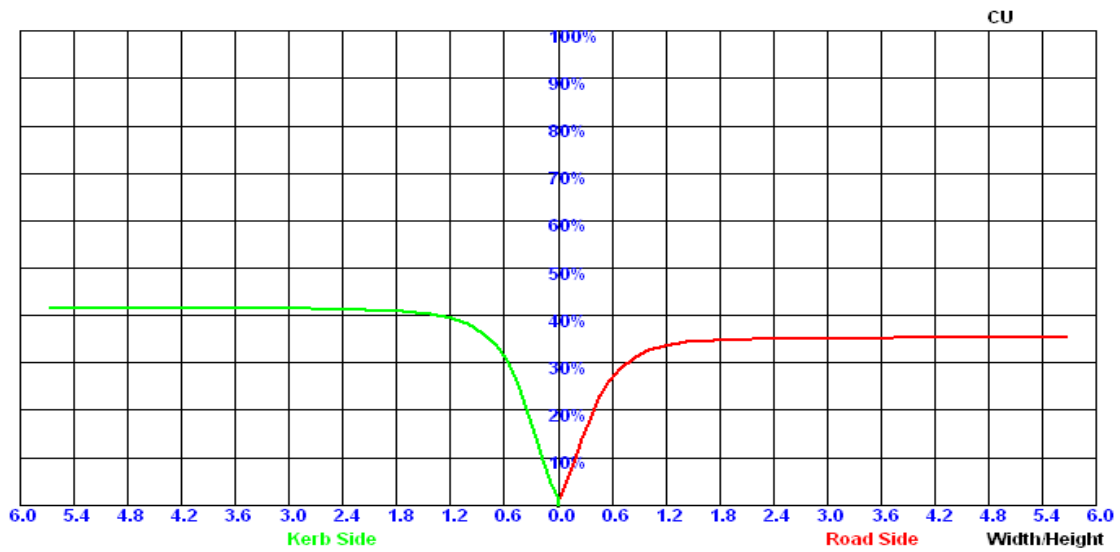
350	49.2	16.4	3.1	1.2	0.9	0.8	0.6	0.6	0.6
355	51.2	16.1	3.2	1.0	0.8	0.8	0.7	0.5	0.6
360	52.2	15.5	3.5	1.1	1.0	0.7	0.6	0.6	0.5

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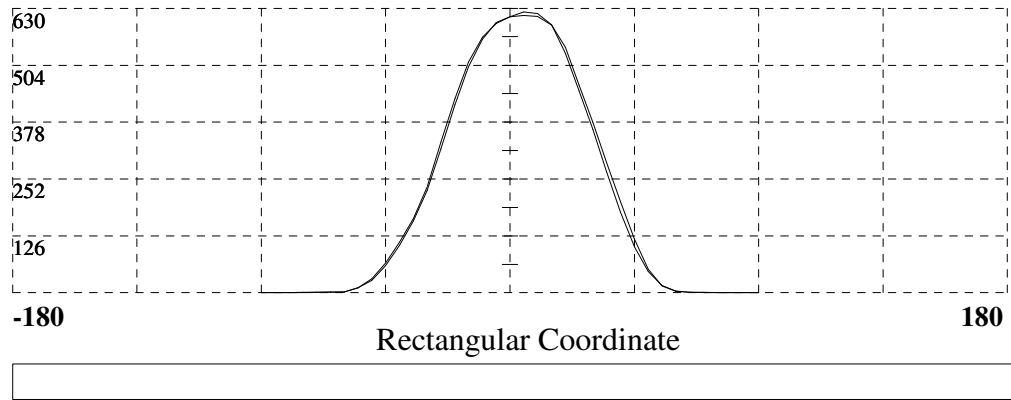
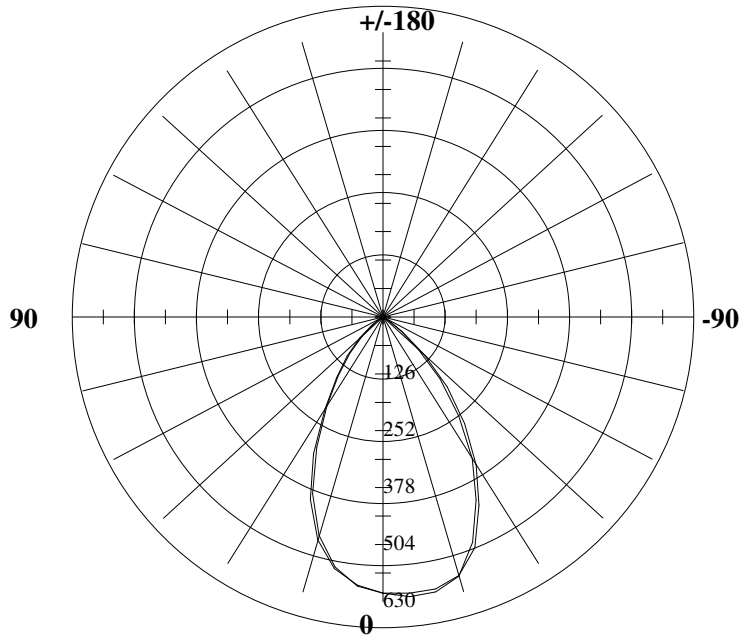
Zonal FluxRLH-6015N-IC-40

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	611.41	0.00	0.00	0.00	0.00
5	607.20	14.57	14.57	1.21	1.21
10	584.53	42.63	57.20	3.55	4.77
15	544.89	67.00	124.20	5.58	10.35
20	480.27	84.49	208.68	7.04	17.39
25	391.06	91.39	300.07	7.62	25.01
30	301.27	87.62	387.69	7.30	32.31
35	219.69	76.71	464.40	6.39	38.70
40	149.97	61.67	526.08	5.14	43.84
45	84.91	43.49	569.57	3.62	47.46
50	38.99	25.04	594.60	2.09	49.55
55	13.49	11.41	606.01	0.95	50.50
60	2.79	3.76	609.78	0.31	50.81
65	1.21	0.97	610.75	0.08	50.90
70	0.96	0.55	611.30	0.05	50.94
75	0.80	0.46	611.76	0.04	50.98
80	0.68	0.39	612.15	0.03	51.01
85	0.60	0.35	612.50	0.03	51.04
90	0.52	0.31	612.81	0.03	51.07

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Coefficient Utilization Curve RLH-6015N-IC-40

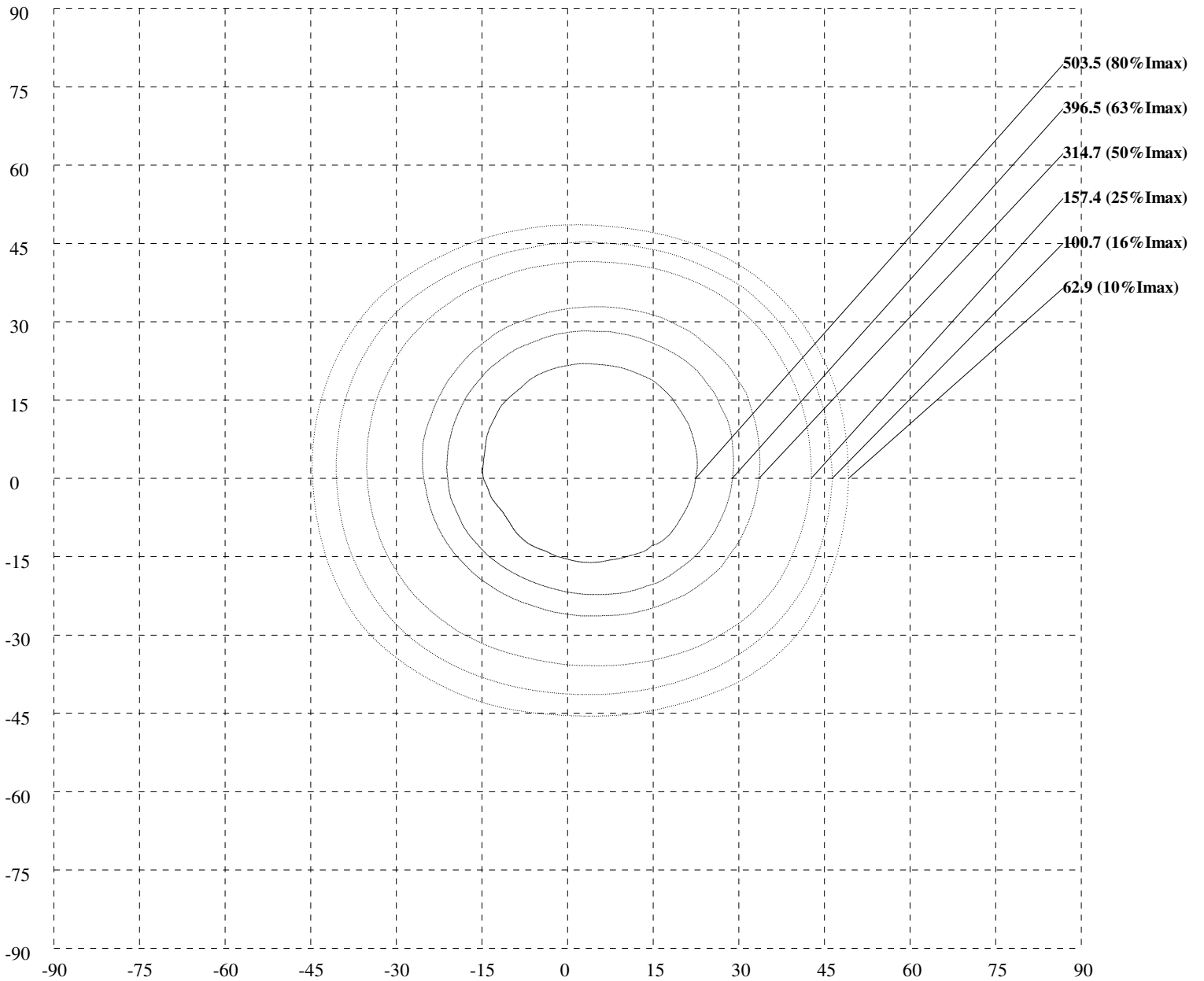


Light Distribution Curve[Unit: cd]



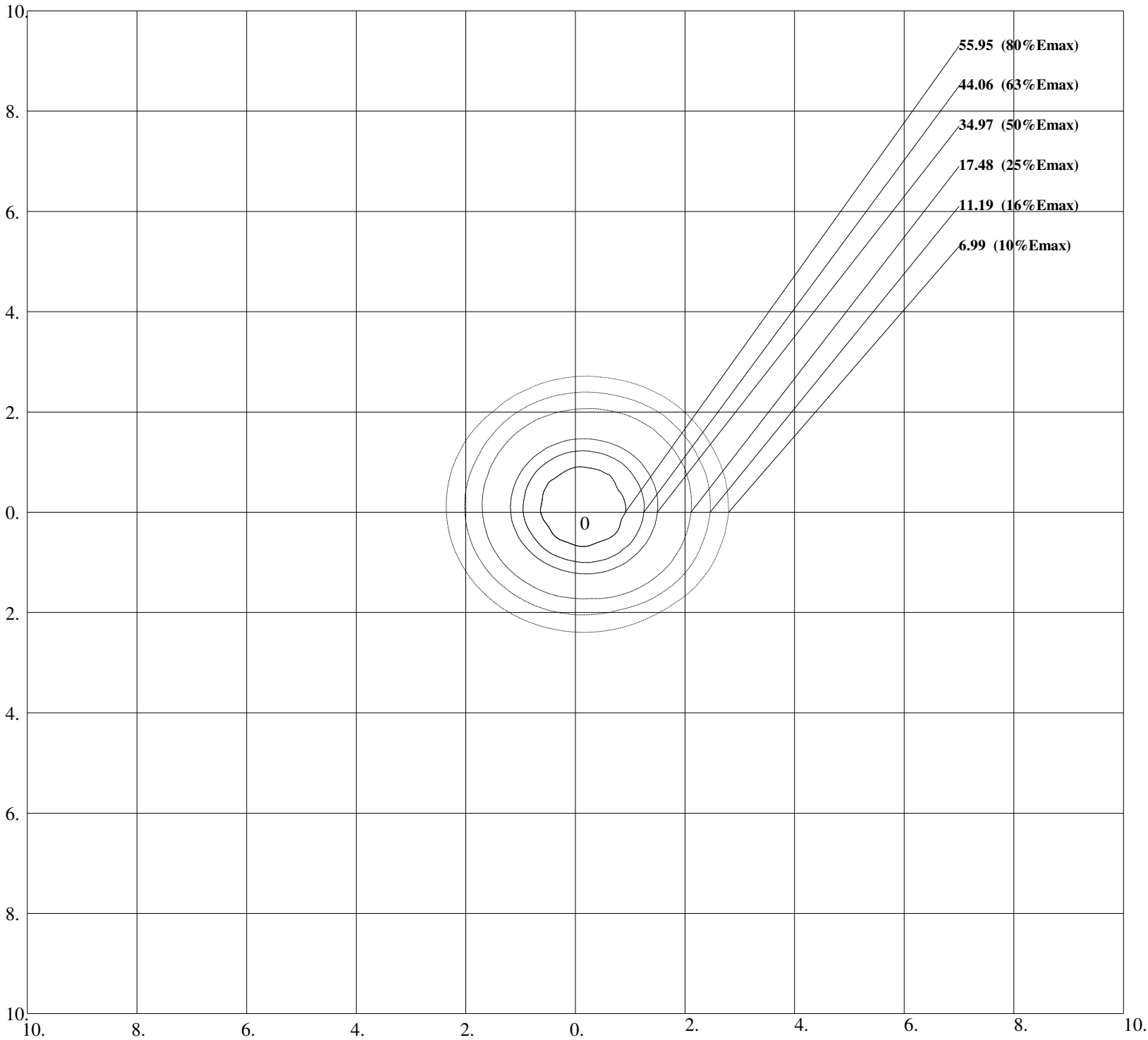
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ISO-Candela V-H [Unit :cd]RLH-6015N-IC-40



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Iso-Lux [Unit :lx]RLH-6015N-IC-40



Units: lx
Height: 3 m
Max Illuminance : 69.93lx

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Lux-Distance Curve

