

Test Report of Luminaire

Report No.:

Luminaire Type	4318-2		
Lamp Type	LED		
Client		EUT NO.	CCT: 2982K
Luminaire Parameters:			
Voltage	220.1	Current	0.098
Power:	21.6	Power Factor	0.999
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1550.82 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	507.08cd	Central Intensity	507.08cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-155082.2%		
50%Imax Beam Width	C0_180[56.9 , -56.4] C90_270[55.7 , -57.2]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] 4318-2

C\G	0	5	10	15	20	25	30	35	40	45
0	507.1	503.7	495.8	484.4	467.7	446.7	422.7	395.2	365.1	333.6
5	507.1	503.6	495.9	483.8	467.1	446.5	422.3	394.4	364.7	333.2
10	507.1	503.7	495.9	483.9	466.7	446.3	421.5	394.2	364.0	332.6
15	507.1	503.6	495.2	482.8	466.4	445.4	421.3	393.6	364.2	331.8
20	507.1	503.1	494.9	483.0	465.6	445.4	420.3	393.1	363.2	331.7
25	507.1	503.3	495.2	482.4	465.7	444.4	420.2	392.9	363.1	330.9
30	507.1	503.0	494.6	482.3	464.9	444.2	419.5	392.0	362.3	330.8
35	507.1	502.4	494.0	481.9	464.8	444.0	419.1	391.4	361.9	330.1
40	507.1	502.6	494.4	481.4	464.6	443.2	418.8	391.4	361.3	329.6
45	507.1	502.5	493.8	481.6	463.7	442.7	418.1	390.4	361.0	329.5
50	507.1	502.1	493.7	480.7	463.9	442.6	417.8	390.3	360.4	328.8
55	507.1	502.6	493.7	481.0	462.8	441.8	417.0	390.0	360.4	328.7
60	507.1	501.9	492.9	480.5	463.7	441.8	416.8	389.7	359.6	327.8
65	507.1	501.8	494.4	480.8	463.2	442.0	416.8	389.2	358.8	327.6
70	507.1	503.8	494.2	480.6	462.9	441.1	416.4	388.8	358.4	326.9
75	507.1	503.6	493.9	480.1	462.6	440.9	415.9	388.0	357.3	326.4
80	507.1	503.3	494.1	480.5	462.0	440.6	415.1	387.4	357.1	325.8
85	507.1	503.4	493.5	479.7	462.1	439.8	415.0	387.1	356.5	325.1
90	507.1	503.6	493.8	479.8	461.2	439.9	414.0	386.2	356.3	325.0
95	507.1	503.4	493.4	479.1	461.1	439.3	413.7	386.2	356.0	324.3
100	507.1	502.9	493.0	479.1	461.1	438.8	413.3	385.5	355.3	324.1
105	507.1	503.3	493.3	478.9	461.0	439.0	413.2	385.4	355.4	323.9
110	507.1	503.0	493.1	478.5	460.3	438.2	412.6	385.2	354.7	323.6
115	507.1	502.8	492.7	478.5	460.0	438.4	412.9	384.9	354.9	323.7
120	507.1	503.1	493.2	478.6	460.3	437.9	412.5	385.2	354.7	323.3
125	507.1	502.6	492.6	478.8	460.0	438.1	413.0	384.7	355.0	323.8
130	507.1	502.6	493.0	478.7	460.1	438.0	412.8	385.3	355.3	323.7
135	507.1	503.0	492.8	478.7	460.0	438.7	413.2	385.3	355.3	324.2
140	507.1	502.5	493.3	478.6	460.6	438.3	413.5	385.7	355.9	324.0
145	507.1	503.1	493.0	479.1	461.0	439.1	413.5	386.2	355.9	324.8
150	507.1	502.6	493.3	478.7	461.0	439.2	414.4	386.3	356.8	325.3
155	507.1	503.2	493.3	479.4	460.9	439.2	414.3	387.0	357.0	325.8
160	507.1	502.7	493.0	478.8	461.4	439.9	415.0	387.2	357.8	326.6
165	507.1	502.4	493.2	479.3	461.8	439.8	415.2	388.4	358.3	327.0
170	507.1	502.4	492.7	478.9	461.6	440.8	416.0	388.8	359.5	328.2
175	507.1	501.4	492.7	479.1	461.8	441.1	416.8	389.5	359.9	328.6
180	507.1	502.0	493.0	479.8	462.6	441.8	417.0	390.5	360.9	329.7
185	507.1	502.0	492.8	479.6	462.6	442.6	418.0	390.8	361.6	330.5
190	507.1	501.9	493.5	480.7	463.7	442.7	418.3	392.0	362.2	331.2
195	507.1	502.3	493.4	480.6	463.6	443.6	419.4	392.4	363.3	332.0
200	507.1	502.1	493.3	481.1	464.5	444.3	419.9	393.5	363.6	332.3
205	507.1	502.4	494.2	481.3	464.8	444.6	420.4	393.8	364.6	333.3
210	507.1	502.8	494.2	480.9	465.2	445.0	421.3	394.3	364.7	333.6
215	507.1	502.3	494.3	482.0	466.0	445.8	421.4	394.7	365.4	333.7
220	507.1	503.0	494.7	482.1	466.0	445.6	422.2	394.9	365.7	334.3
225	507.1	502.7	494.3	482.6	466.5	446.4	422.3	395.5	365.7	334.0
230	507.1	502.8	494.6	482.6	466.5	446.2	422.5	395.3	366.1	334.7
235	507.1	503.3	495.4	483.0	466.6	446.7	422.6	395.8	365.8	334.5

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Photometric Data Table

[Unit:cd] 4318-2

240	507.1	503.0	495.0	483.0	467.1	446.9	423.0	395.8	366.3	334.8
245	507.1	502.8	494.6	483.0	466.7	446.8	422.8	396.0	366.1	334.7
250	507.1	503.3	495.0	483.7	467.5	447.3	423.1	396.1	366.5	334.8
255	507.1	503.1	495.6	483.4	467.3	447.1	422.8	395.9	366.6	335.1
260	507.1	502.8	495.8	484.1	467.6	447.7	423.3	396.5	366.4	334.9
265	507.1	503.2	495.8	483.8	468.0	447.5	423.5	396.0	366.9	335.2
270	507.1	503.3	495.7	484.2	467.7	447.8	423.6	396.6	366.7	335.5
275	507.1	503.2	496.4	484.4	468.1	447.7	424.0	396.6	367.1	335.7
280	507.1	503.7	495.6	484.6	468.0	448.6	423.5	396.7	367.1	335.8
285	507.1	503.7	496.2	484.2	468.8	448.3	424.4	397.2	367.1	336.2
290	507.1	503.1	495.8	485.0	468.6	448.9	424.1	397.0	367.6	336.0
295	507.1	503.4	496.5	484.8	468.6	448.6	424.6	397.5	367.5	336.6
300	507.1	503.8	495.9	485.0	469.2	448.9	424.4	397.5	367.9	336.3
305	507.1	503.5	496.5	485.1	468.8	449.1	424.5	397.3	367.5	336.4
310	507.1	504.0	495.9	484.7	468.9	448.8	424.9	397.8	367.7	336.6
315	507.1	503.7	496.0	485.2	469.2	449.3	424.6	397.5	367.7	336.2
320	507.1	503.3	496.7	484.6	468.6	448.7	425.0	397.6	367.4	336.3
325	507.1	503.7	496.0	485.1	469.1	448.9	424.5	397.5	367.5	336.0
330	507.1	503.8	496.3	484.7	468.9	448.5	424.4	397.4	367.0	335.9
335	507.1	503.1	495.9	484.8	468.3	448.3	423.8	396.9	367.0	335.4
340	507.1	503.2	495.9	484.7	468.6	448.1	423.5	396.4	366.8	335.1
345	507.1	503.5	495.9	484.0	468.0	447.4	423.4	396.1	366.2	334.9
350	507.1	503.0	495.5	484.4	467.7	447.7	422.6	395.4	366.0	334.3
355	507.1	503.0	495.3	483.5	467.7	446.9	422.5	395.4	365.2	334.2
360	507.1	503.7	495.8	484.4	467.7	446.7	422.7	395.2	365.1	333.6

C\G	50	55	60	65	70	75	80	85	90
0	300.5	266.5	232.6	198.6	166.2	135.1	107.1	82.5	61.7
5	300.1	266.2	232.3	198.7	165.9	135.1	107.0	82.5	61.7
10	299.8	265.8	231.9	198.3	165.7	134.9	106.8	82.3	61.7
15	299.0	265.2	231.5	198.0	165.5	134.7	106.7	82.3	61.6
20	299.0	265.1	231.4	197.7	165.1	134.6	106.5	82.1	61.4
25	298.3	264.6	230.6	197.1	164.9	134.2	106.2	81.9	61.1
30	298.0	264.1	230.4	196.9	164.4	133.9	106.0	81.6	60.9
35	297.4	263.7	229.9	196.4	164.1	133.6	105.6	81.3	60.6
40	297.0	263.4	229.4	196.1	163.7	133.2	105.4	81.0	60.2
45	296.8	262.7	229.1	195.7	163.5	133.0	105.0	80.6	59.9
50	296.3	262.4	228.8	195.2	163.0	132.4	104.6	80.2	59.3
55	296.0	262.4	228.7	195.3	162.7	132.1	104.1	79.5	58.8
60	295.2	261.7	227.7	194.5	162.1	131.7	103.6	79.1	58.1
65	294.6	260.9	227.5	194.1	161.6	131.1	103.2	78.6	57.8
70	294.2	260.9	226.9	193.6	161.3	130.7	102.6	78.2	57.5
75	293.5	260.2	226.3	193.0	160.7	130.1	102.4	78.1	57.5
80	293.2	259.5	225.8	192.4	160.3	129.7	102.0	77.7	57.2
85	292.2	259.1	225.2	192.0	159.5	129.1	101.5	77.5	57.0
90	292.3	258.4	225.0	191.4	159.3	128.8	101.3	77.1	56.9
95	291.6	258.3	224.3	191.2	158.9	128.5	100.9	77.0	56.8
100	291.4	257.8	224.3	190.8	158.7	128.2	100.8	76.9	56.7

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Photometric Data Table [Unit:cd] 4318-2

105	290.9	257.8	224.1	190.8	158.5	128.2	100.6	76.8	56.6
110	291.1	257.7	224.1	190.7	158.3	127.9	100.6	76.7	56.6
115	290.7	257.6	223.8	190.6	158.4	127.9	100.5	76.8	56.6
120	291.0	257.7	224.1	190.8	158.2	128.0	100.5	76.7	56.7
125	290.8	257.5	223.9	190.6	158.4	127.9	100.6	76.8	56.7
130	291.2	258.1	224.1	190.9	158.3	128.0	100.6	76.9	56.9
135	291.5	257.9	224.2	190.9	158.5	128.1	100.7	77.0	57.1
140	291.5	258.4	224.4	191.2	158.7	128.4	100.9	77.3	57.2
145	292.3	258.7	225.0	191.6	159.0	128.5	101.1	77.3	57.4
150	292.4	259.0	225.3	191.8	159.5	128.9	101.3	77.5	57.5
155	293.3	259.6	226.1	192.4	159.8	129.1	101.7	77.7	57.8
160	293.9	260.0	226.3	192.7	160.2	129.5	101.8	77.9	57.9
165	294.6	261.0	227.0	193.4	160.6	129.9	102.2	78.2	58.1
170	295.4	261.5	227.6	193.8	161.1	130.2	102.5	78.3	58.2
175	295.8	262.2	228.0	194.4	161.5	130.7	102.7	78.6	58.3
180	296.9	263.0	228.9	195.0	162.2	131.0	103.4	78.9	58.5
185	297.2	263.5	229.3	195.5	162.8	132.0	103.8	79.4	58.9
190	298.3	264.4	230.4	196.5	163.6	132.4	104.3	79.7	59.2
195	298.7	265.2	230.8	197.0	163.9	132.9	104.7	80.1	59.5
200	299.4	265.7	231.3	197.4	164.5	133.4	104.9	80.4	59.6
205	300.1	266.2	231.8	197.8	164.8	133.6	105.3	80.6	59.8
210	300.3	266.3	232.0	198.2	165.0	134.0	105.5	80.8	60.0
215	300.9	266.9	232.5	198.3	165.5	134.1	105.8	80.9	60.1
220	300.8	266.9	232.4	198.6	165.5	134.4	106.0	81.3	60.3
225	301.1	267.0	232.8	198.6	165.9	134.8	106.3	81.5	60.4
230	301.2	267.5	232.9	199.1	166.0	134.9	106.6	81.8	60.7
235	301.5	267.4	233.2	199.3	166.4	135.3	106.9	82.0	60.9
240	301.4	267.8	233.2	199.5	166.7	135.6	107.3	82.3	61.0
245	301.9	267.8	233.7	199.8	166.8	135.7	107.4	82.5	61.3
250	301.7	267.8	233.7	199.8	167.2	136.1	107.7	82.8	61.4
255	302.1	268.2	233.9	200.2	167.2	136.3	107.8	82.9	61.7
260	302.2	268.1	234.1	200.1	167.5	136.3	107.9	83.0	61.8
265	302.2	268.2	234.3	200.5	167.6	136.5	108.1	83.2	61.9
270	302.5	268.6	234.6	200.6	167.8	136.5	108.1	83.2	61.9
275	302.3	268.6	234.4	200.6	167.9	136.5	108.0	83.2	61.9
280	302.8	268.6	234.8	200.8	167.8	136.5	108.0	83.0	61.9
285	302.7	268.9	234.8	200.8	168.0	136.4	107.9	83.0	61.8
290	303.2	269.3	234.9	200.7	168.0	136.5	107.8	82.8	61.7
295	303.3	269.4	235.2	201.0	167.8	136.5	107.7	82.7	61.5
300	303.4	269.3	235.0	200.9	167.8	136.5	107.6	82.6	61.5
305	303.6	269.3	234.9	200.8	167.9	136.4	107.7	82.6	61.6
310	303.3	269.6	235.1	201.1	167.6	136.4	107.6	82.8	61.8
315	303.5	269.3	234.9	200.8	167.8	136.4	107.7	82.7	61.8
320	303.0	269.0	234.6	200.6	167.4	136.3	107.6	82.7	61.8
325	303.1	268.7	234.7	200.7	167.5	136.2	107.5	82.7	61.8
330	302.7	268.5	234.2	200.4	167.3	136.1	107.6	82.8	61.9
335	302.3	268.5	234.2	200.1	167.2	136.1	107.4	82.8	62.0
340	302.1	268.1	233.7	199.8	167.1	135.9	107.5	82.7	62.0
345	301.6	267.6	233.5	199.8	166.7	135.7	107.3	82.7	61.9

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Photometric Data Table

[Unit:cd] 4318-2

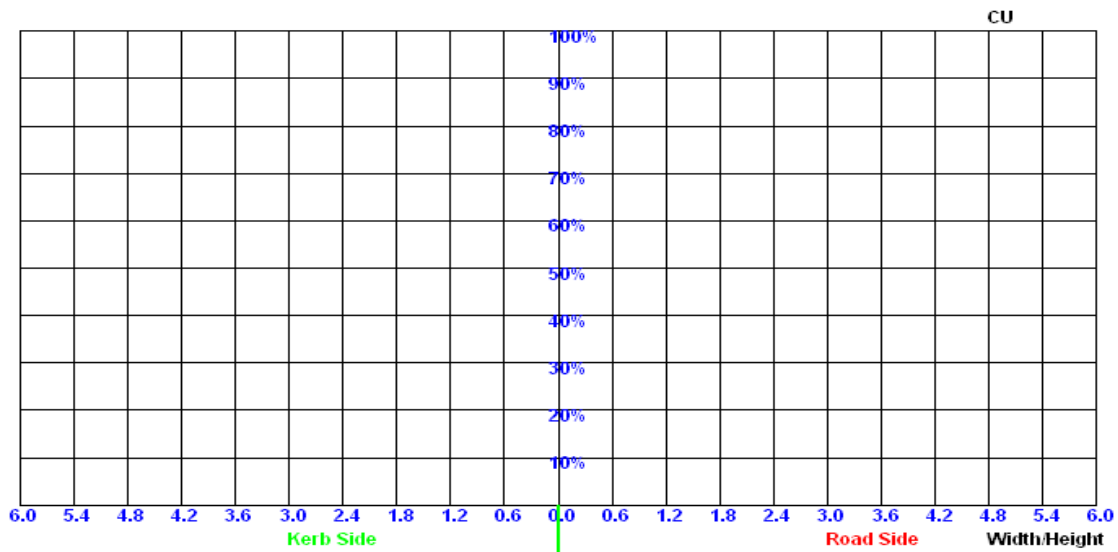
350	301.5	267.6	233.3	199.3	166.7	135.6	107.3	82.6	61.8
355	301.0	267.0	232.8	199.2	166.2	135.4	107.2	82.6	61.8
360	300.5	266.5	232.6	198.6	166.2	135.1	107.1	82.5	61.7

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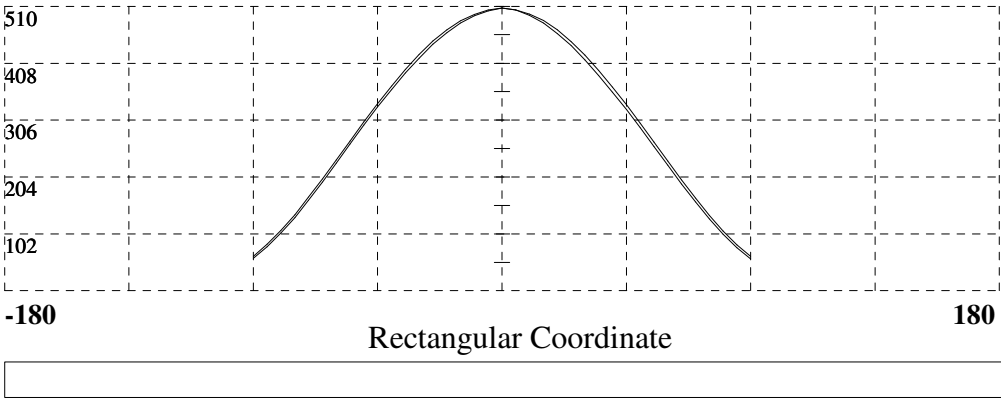
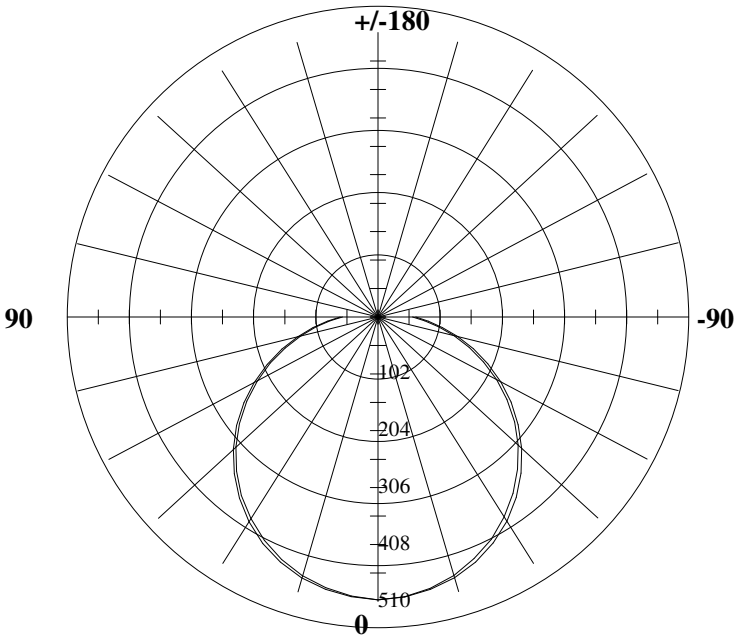
Zonal Flux 4318-2

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	507.08	0.00	0.00	0.00	0.00
5	502.97	12.07	12.07	-1207.49	-1207.49
10	494.50	35.68	47.76	-3568.26	-4775.75
15	481.83	57.92	105.67	-5791.54	-10567.29
20	464.88	78.02	183.70	-7802.26	-18369.56
25	444.07	95.33	279.03	-9533.21	-27902.77
30	419.46	109.28	388.31	-10928.03	-38830.80
35	392.17	119.52	507.83	-11951.88	-50782.68
40	362.34	125.89	633.71	-12588.54	-63371.22
45	330.94	128.37	762.08	-12836.65	-76207.88
50	298.04	127.09	889.17	-12709.45	-88917.34
55	264.27	122.27	1011.44	-12226.53	-101143.85
60	230.25	114.31	1125.75	-11430.74	-112574.58
65	196.57	103.76	1229.51	-10376.06	-122950.63
70	163.87	91.27	1320.77	-9126.59	-132077.26
75	133.01	77.60	1398.37	-7760.10	-139837.33
80	104.94	63.67	1462.04	-6366.93	-146204.21
85	80.47	50.38	1512.42	-5038.08	-151242.37
90	59.77	38.40	1550.82	-3839.88	-155082.24

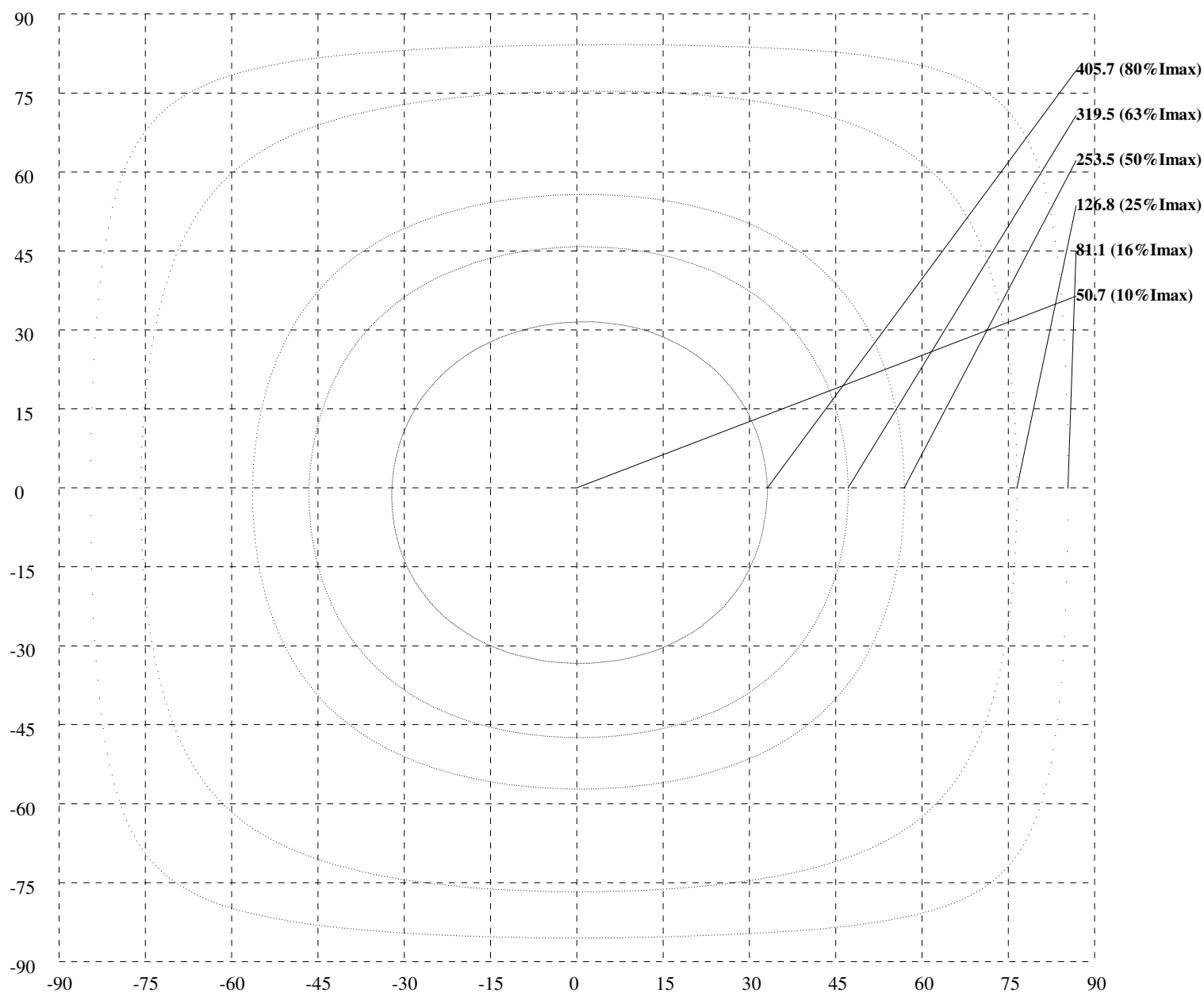
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Coefficient Utilization Curve 4318-2



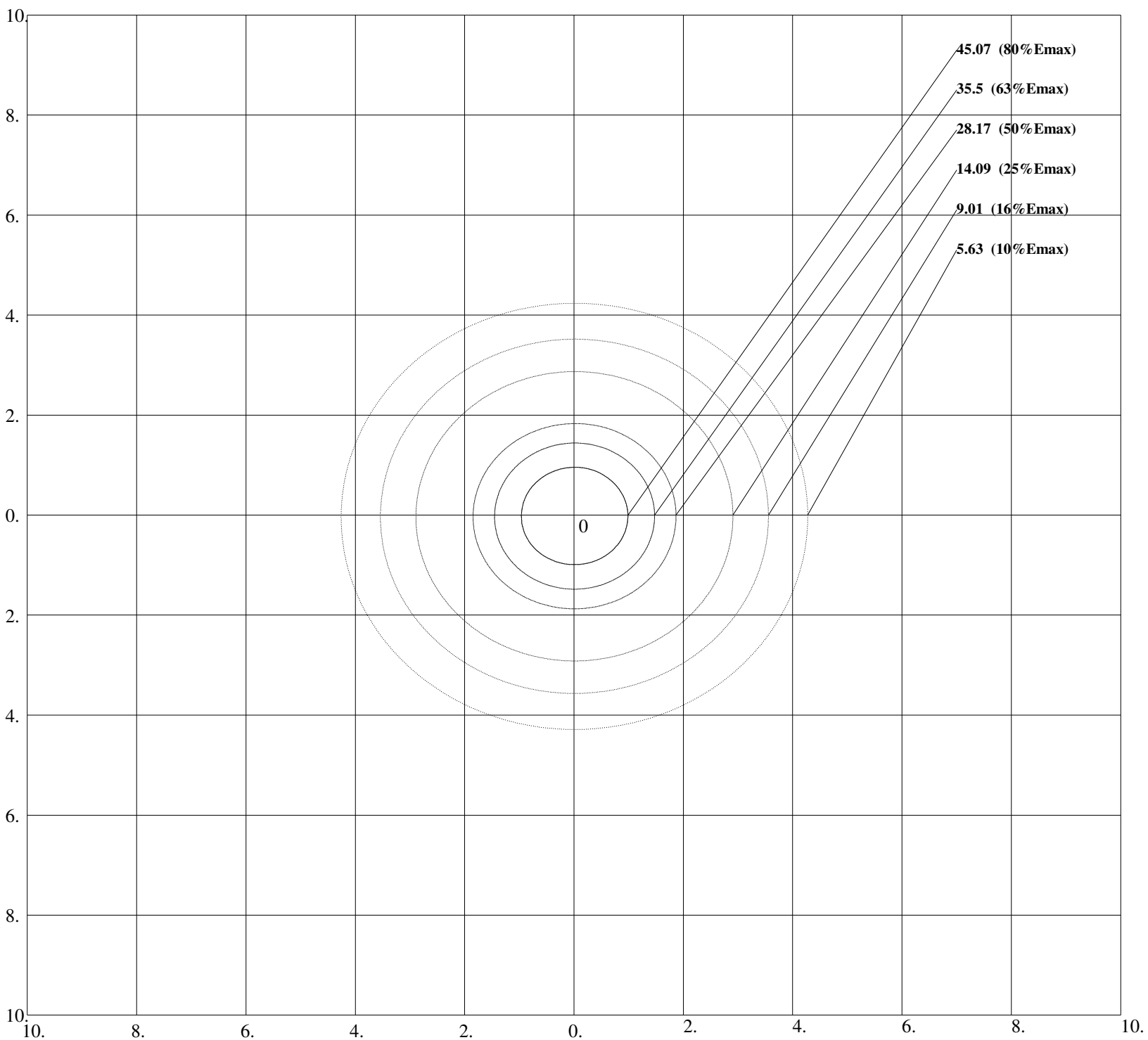
Light Distribution Curve[Unit: cd]



ISO-Candela V-H [Unit :cd] 4318-2



Iso-Lux [Unit :lx] 4318-2



Units: lx
Height: 3 m
Max Illuminance : 56.34lx

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Lux-Distance Curve

