

Test Report of Luminaire

Report No.:

Luminaire Type	8748		
Lamp Type	LED		
Client		EUT NO.	CCT: 3865K, CRI: 82.4Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.081
Power:	9.7	Power Factor	0.990
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	663.71 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	267.702cd	Central Intensity	267.386cd
Angle of Max Intensity:	C:85 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-66371.48%		
50%Imax Beam Width	C0_180[48.7 , -48.5] C90_270[50.8 , -51.0]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] 8748

C\G	0	5	10	15	20	25	30	35	40	45
0	267.4	266.4	263.6	258.9	252.2	242.8	229.8	211.8	187.6	157.6
5	267.4	266.5	263.8	259.1	252.4	243.1	230.2	212.1	187.9	157.8
10	267.4	266.5	263.8	259.3	252.7	243.4	230.6	212.7	188.3	158.2
15	267.4	266.5	264.0	259.6	253.3	244.2	231.5	213.6	189.2	159.1
20	267.4	266.7	264.3	260.1	253.9	245.1	232.7	214.9	190.5	160.2
25	267.4	266.7	264.5	260.5	254.8	246.2	234.1	216.4	192.0	161.5
30	267.4	266.8	264.7	261.2	255.7	247.6	235.8	218.2	193.8	163.0
35	267.4	266.9	265.0	261.8	256.6	249.0	237.4	220.1	195.6	164.7
40	267.4	267.0	265.5	262.4	257.8	250.6	239.4	222.4	197.8	166.4
45	267.4	267.1	265.7	263.2	258.9	252.0	241.3	224.5	200.0	168.2
50	267.4	267.2	266.1	263.8	260.0	253.7	243.3	226.7	202.1	169.9
55	267.4	267.2	266.4	264.5	261.1	255.2	245.3	228.8	204.0	171.5
60	267.4	267.4	266.6	265.1	262.1	256.6	247.0	230.8	206.0	173.0
65	267.4	267.4	267.0	265.7	263.1	258.0	248.6	232.6	207.6	174.3
70	267.4	267.5	267.2	266.2	263.8	259.0	250.0	234.2	209.0	175.4
75	267.4	267.6	267.4	266.6	264.5	260.0	251.1	235.4	210.2	176.1
80	267.4	267.6	267.6	266.8	265.0	260.7	252.1	236.2	210.9	176.7
85	267.4	267.7	267.6	267.1	265.3	261.0	252.5	236.9	211.5	177.0
90	267.4	267.6	267.7	267.1	265.3	261.3	252.7	236.9	211.5	177.0
95	267.4	267.7	267.7	267.1	265.3	261.0	252.5	236.7	211.3	176.8
100	267.4	267.6	267.5	267.0	265.0	260.7	252.0	236.1	210.7	176.3
105	267.4	267.6	267.5	266.6	264.5	259.9	251.2	235.1	209.7	175.7
110	267.4	267.5	267.2	266.3	263.9	259.1	250.0	233.9	208.5	174.6
115	267.4	267.5	267.1	265.9	263.2	257.9	248.5	232.2	206.9	173.5
120	267.4	267.3	266.7	265.3	262.2	256.7	246.9	230.4	205.2	172.1
125	267.4	267.3	266.5	264.6	261.2	255.3	245.1	228.4	203.3	170.5
130	267.4	267.2	266.1	263.9	260.1	253.7	243.2	226.2	201.2	168.8
135	267.4	267.0	265.8	263.3	259.1	252.2	241.3	224.1	199.2	167.0
140	267.4	267.1	265.4	262.6	257.9	250.6	239.3	221.9	197.0	165.2
145	267.4	266.9	265.1	261.9	256.9	249.1	237.4	219.9	195.0	163.5
150	267.4	266.7	264.8	261.4	255.9	247.7	235.7	217.9	193.0	161.8
155	267.4	266.7	264.5	260.7	254.8	246.3	234.0	216.1	191.3	160.3
160	267.4	266.6	264.2	260.2	254.0	245.2	232.6	214.5	189.7	159.0
165	267.4	266.5	263.9	259.7	253.3	244.2	231.4	213.2	188.4	157.8
170	267.4	266.4	263.8	259.3	252.6	243.4	230.4	212.2	187.5	156.9
175	267.4	266.3	263.6	259.0	252.3	242.8	229.7	211.3	186.7	156.2
180	267.4	266.4	263.4	258.7	251.9	242.4	229.2	211.0	186.4	156.0
185	267.4	266.2	263.4	258.7	251.8	242.4	229.2	210.9	186.4	156.1
190	267.4	266.3	263.4	258.7	251.9	242.4	229.3	211.2	186.8	156.5
195	267.4	266.2	263.4	258.8	252.0	242.8	229.9	211.8	187.4	157.3
200	267.4	266.2	263.5	259.0	252.5	243.3	230.6	212.8	188.5	158.4
205	267.4	266.3	263.5	259.2	252.9	244.1	231.6	214.0	189.7	159.7
210	267.4	266.2	263.7	259.7	253.5	245.0	233.0	215.5	191.3	161.1
215	267.4	266.3	263.9	259.9	254.4	246.0	234.3	217.2	193.1	162.7
220	267.4	266.3	264.0	260.5	255.1	247.4	236.0	219.1	195.0	164.5
225	267.4	266.4	264.2	260.9	256.0	248.5	237.6	221.0	197.0	166.2
230	267.4	266.4	264.5	261.4	256.9	249.9	239.2	222.9	198.9	168.1
235	267.4	266.4	264.7	261.9	257.7	251.1	240.9	224.9	200.9	169.8

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240	267.4	266.4	264.9	262.3	258.6	252.5	242.5	226.6	202.8	171.4
245	267.4	266.5	265.0	262.9	259.3	253.5	244.0	228.3	204.5	173.0
250	267.4	266.5	265.3	263.2	260.0	254.6	245.2	229.7	206.0	174.3
255	267.4	266.6	265.4	263.7	260.6	255.4	246.3	231.0	207.2	175.4
260	267.4	266.6	265.5	263.8	260.9	255.9	247.0	232.0	208.2	176.1
265	267.4	266.6	265.6	263.9	261.3	256.3	247.6	232.4	208.8	176.7
270	267.4	266.7	265.6	264.1	261.4	256.6	247.9	232.8	209.0	176.9
275	267.4	266.6	265.5	264.1	261.4	256.5	247.7	232.7	209.1	176.9
280	267.4	266.6	265.6	263.9	261.1	256.2	247.3	232.3	208.6	176.6
285	267.4	266.6	265.5	263.8	260.9	255.7	246.7	231.5	207.9	176.1
290	267.4	266.5	265.3	263.5	260.3	255.0	245.7	230.4	206.9	175.2
295	267.4	266.6	265.3	263.1	259.8	254.0	244.6	229.2	205.5	174.2
300	267.4	266.5	265.0	262.8	259.0	253.0	243.2	227.5	204.0	172.8
305	267.4	266.4	264.8	262.3	258.2	251.9	241.8	225.9	202.3	171.3
310	267.4	266.5	264.6	261.8	257.5	250.6	240.2	224.1	200.4	169.8
315	267.4	266.4	264.5	261.4	256.5	249.5	238.5	222.2	198.5	168.1
320	267.4	266.4	264.3	260.8	255.8	248.1	237.0	220.4	196.7	166.4
325	267.4	266.3	264.0	260.4	255.0	247.0	235.4	218.6	194.8	164.7
330	267.4	266.3	263.8	259.9	254.1	245.9	234.0	216.8	193.1	163.2
335	267.4	266.3	263.8	259.6	253.5	244.9	232.8	215.4	191.5	161.7
340	267.4	266.3	263.5	259.3	252.9	244.1	231.7	214.1	190.2	160.4
345	267.4	266.3	263.5	259.0	252.5	243.4	230.9	213.1	189.1	159.3
350	267.4	266.2	263.5	258.9	252.2	243.1	230.2	212.4	188.3	158.5
355	267.4	266.3	263.4	258.8	252.0	242.7	229.8	211.9	187.8	158.0
360	267.4	266.4	263.6	258.9	252.2	242.8	229.8	211.8	187.6	157.6

C\G	50	55	60	65	70	75	80	85	90
0	125.6	96.9	73.8	55.3	39.5	25.2	12.6	3.9	0.5
5	125.6	97.0	73.8	55.2	39.5	25.1	12.6	3.9	0.5
10	126.0	97.1	73.9	55.3	39.5	25.1	12.6	3.8	0.5
15	126.6	97.6	74.2	55.5	39.6	25.1	12.4	3.7	0.5
20	127.5	98.1	74.5	55.7	39.7	25.0	12.3	3.6	0.5
25	128.4	98.8	75.0	56.0	39.6	24.8	12.0	3.5	0.5
30	129.7	99.7	75.5	56.0	39.6	24.7	11.5	3.3	0.5
35	131.1	100.5	75.9	56.2	39.6	24.3	10.9	3.1	0.5
40	132.4	101.5	76.3	56.4	39.7	23.8	10.5	2.9	0.5
45	133.8	102.3	76.7	56.6	39.7	23.7	10.2	2.8	0.5
50	134.9	103.0	77.2	56.9	39.9	24.0	10.4	2.9	0.5
55	136.0	103.6	77.7	57.2	40.0	24.4	10.8	3.0	0.5
60	136.9	104.1	78.1	57.5	40.2	24.9	11.3	3.1	0.5
65	137.6	104.6	78.3	57.7	40.4	25.0	11.9	3.2	0.5
70	138.3	104.9	78.5	57.9	40.6	25.1	12.0	3.2	0.5
75	138.7	105.1	78.6	57.9	40.7	25.3	12.1	3.2	0.5
80	139.1	105.3	78.6	57.8	40.6	25.3	12.2	3.3	0.5
85	139.2	105.3	78.5	57.8	40.5	25.3	12.2	3.3	0.5
90	139.2	105.3	78.5	57.7	40.5	25.2	12.1	3.3	0.5
95	139.0	105.2	78.4	57.7	40.5	25.2	12.1	3.3	0.5
100	138.6	104.9	78.4	57.6	40.4	25.2	12.1	3.3	0.5

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105	138.1	104.7	78.2	57.6	40.5	25.2	12.0	3.2	0.5
110	137.5	104.3	78.1	57.5	40.4	25.0	11.9	3.1	0.5
115	136.7	103.9	77.9	57.5	40.2	24.8	11.7	3.1	0.5
120	135.8	103.4	77.6	57.1	39.9	24.6	11.3	3.0	0.5
125	134.9	102.7	77.1	56.8	39.7	24.2	10.7	2.9	0.5
130	133.8	102.2	76.6	56.4	39.5	23.6	10.2	2.7	0.5
135	132.5	101.3	76.0	56.1	39.2	23.2	9.8	2.6	0.5
140	131.3	100.5	75.5	55.8	39.1	23.2	9.9	2.7	0.5
145	129.9	99.6	75.1	55.5	39.0	23.5	10.3	2.8	0.5
150	128.5	98.7	74.7	55.3	38.9	23.9	10.8	3.0	0.5
155	127.3	97.9	74.2	55.2	38.8	24.1	11.3	3.2	0.5
160	126.2	97.1	73.6	55.0	38.9	24.2	11.6	3.2	0.5
165	125.3	96.4	73.3	54.7	38.8	24.3	11.7	3.3	0.5
170	124.6	95.9	72.9	54.6	38.7	24.4	11.8	3.4	0.5
175	124.2	95.7	72.8	54.4	38.7	24.3	11.9	3.5	0.5
180	124.0	95.6	72.7	54.4	38.6	24.3	11.9	3.5	0.5
185	124.1	95.7	72.8	54.5	38.7	24.4	12.0	3.6	0.5
190	124.5	96.0	73.1	54.7	38.9	24.6	12.1	3.6	0.5
195	125.2	96.5	73.5	55.0	39.2	24.8	12.1	3.5	0.5
200	126.1	97.3	74.0	55.4	39.4	24.8	12.1	3.5	0.5
205	127.2	98.0	74.6	55.8	39.5	24.8	12.2	3.5	0.5
210	128.5	99.0	75.2	56.1	39.7	24.9	11.9	3.5	0.5
215	129.9	100.0	75.9	56.3	39.9	25.0	11.4	3.3	0.5
220	131.5	101.3	76.4	56.7	40.1	24.8	11.1	3.2	0.5
225	132.9	102.3	77.0	57.1	40.4	24.7	11.0	3.2	0.5
230	134.4	103.3	77.7	57.5	40.7	25.0	11.2	3.3	0.5
235	135.7	104.0	78.3	58.0	41.0	25.7	11.7	3.5	0.5
240	136.8	104.8	79.0	58.5	41.4	26.2	12.4	3.7	0.5
245	137.9	105.5	79.4	59.0	41.8	26.5	13.2	4.0	0.5
250	138.7	106.0	79.8	59.2	42.2	26.8	13.5	4.1	0.5
255	139.5	106.5	80.0	59.4	42.4	27.1	13.7	4.2	0.5
260	140.0	106.8	80.2	59.6	42.5	27.3	13.9	4.3	0.5
265	140.4	107.1	80.4	59.6	42.5	27.3	14.0	4.4	0.6
270	140.6	107.2	80.5	59.7	42.5	27.3	14.1	4.5	0.6
275	140.6	107.3	80.5	59.7	42.6	27.4	14.1	4.5	0.6
280	140.5	107.2	80.5	59.8	42.7	27.5	14.2	4.5	0.6
285	140.1	107.0	80.5	59.8	42.7	27.5	14.0	4.4	0.5
290	139.6	106.8	80.4	59.8	42.7	27.3	13.9	4.3	0.6
295	138.8	106.3	80.1	59.6	42.4	27.1	13.6	4.2	0.6
300	138.0	105.8	79.8	59.3	42.1	26.8	12.9	4.0	0.6
305	137.1	105.2	79.4	58.9	41.8	26.4	12.3	3.7	0.6
310	136.0	104.6	78.8	58.5	41.5	25.8	11.9	3.5	0.6
315	134.8	103.8	78.2	58.1	41.2	25.6	11.7	3.5	0.5
320	133.4	102.8	77.6	57.7	41.0	25.7	11.8	3.5	0.5
325	132.0	101.8	77.1	57.3	40.8	25.9	12.0	3.7	0.5
330	130.6	100.7	76.5	57.1	40.6	25.8	12.5	3.8	0.5
335	129.3	99.8	75.8	56.8	40.4	25.7	12.8	3.9	0.5
340	128.1	98.9	75.2	56.4	40.3	25.6	12.8	3.9	0.5
345	127.1	98.1	74.7	56.0	40.1	25.6	12.8	3.9	0.5

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350	126.4	97.5	74.3	55.7	39.8	25.5	12.9	3.9	0.5
355	125.8	97.2	73.9	55.4	39.7	25.3	12.8	4.0	0.5
360	125.6	96.9	73.8	55.3	39.5	25.2	12.6	3.9	0.5

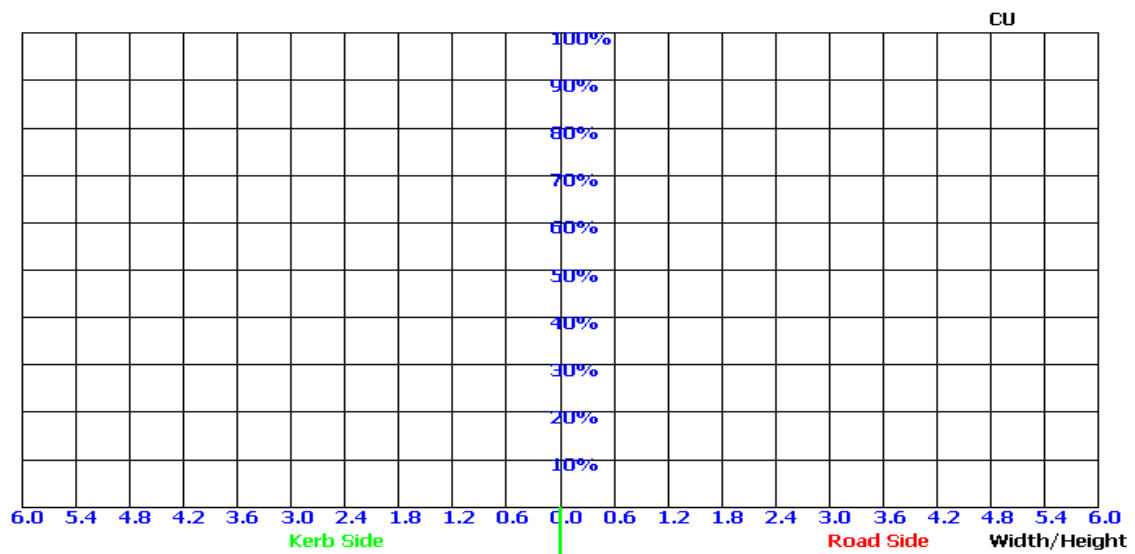
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Zonal Flux 8748

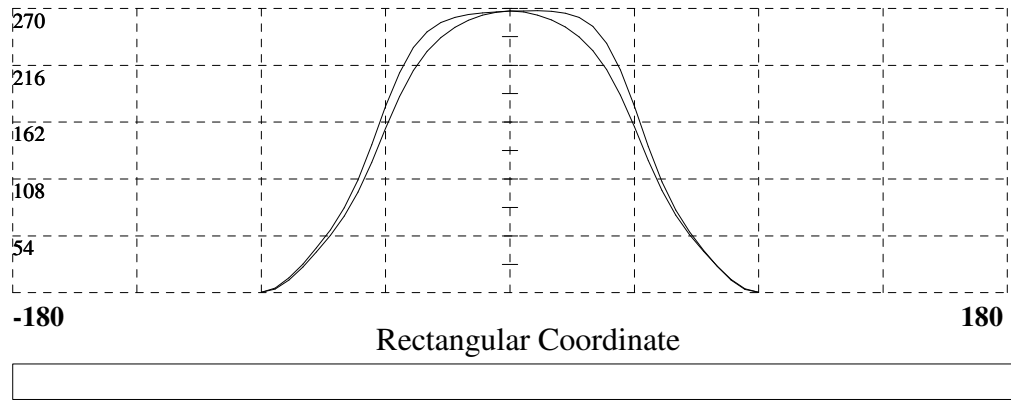
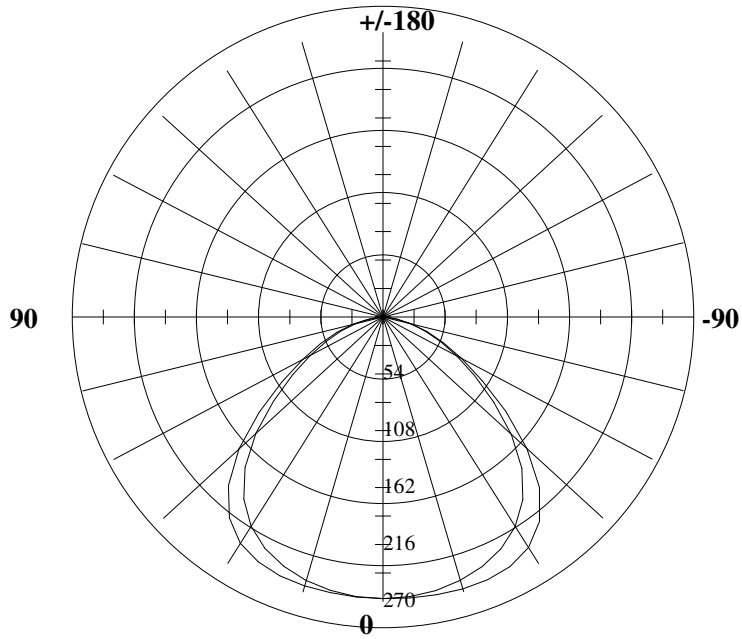
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	267.39	0.00	0.00	0.00	0.00
5	266.74	6.39	6.39	-638.53	-638.53
10	265.06	19.02	25.41	-1902.41	-2540.93
15	262.20	31.28	56.69	-3127.66	-5668.59
20	257.67	42.84	99.53	-4284.39	-9952.98
25	250.65	53.31	152.84	-5331.34	-15284.32
30	239.80	62.07	214.91	-6206.70	-21491.02
35	223.04	68.16	283.07	-6815.54	-28306.56
40	198.65	70.35	353.42	-7035.45	-35342.02
45	167.18	67.74	421.16	-6773.53	-42115.55
50	132.87	60.63	481.79	-6062.97	-48178.53
55	101.80	51.02	532.81	-5102.46	-53280.99
60	76.77	41.28	574.09	-4127.55	-57408.56
65	57.01	32.52	606.61	-3252.27	-60660.85
70	40.33	24.65	631.25	-2464.62	-63125.46
75	25.24	17.14	648.39	-1713.72	-64839.17
80	12.06	9.98	658.37	-998.03	-65837.18
85	3.53	4.24	662.61	-423.58	-66260.75
90	0.52	1.11	663.72	-110.70	-66371.50

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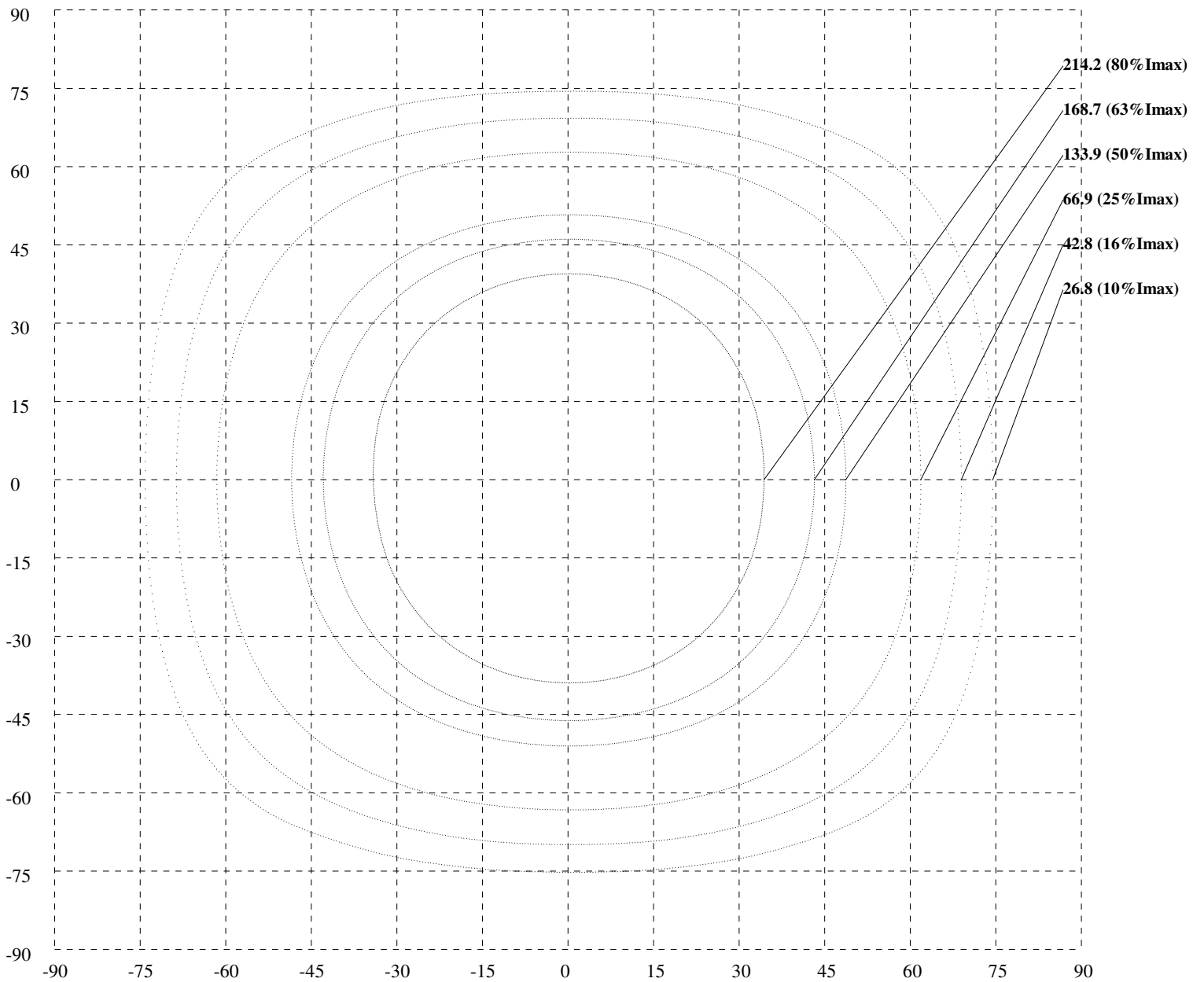
Coefficient Utilization Curve 8748



Light Distribution Curve[Unit: cd]

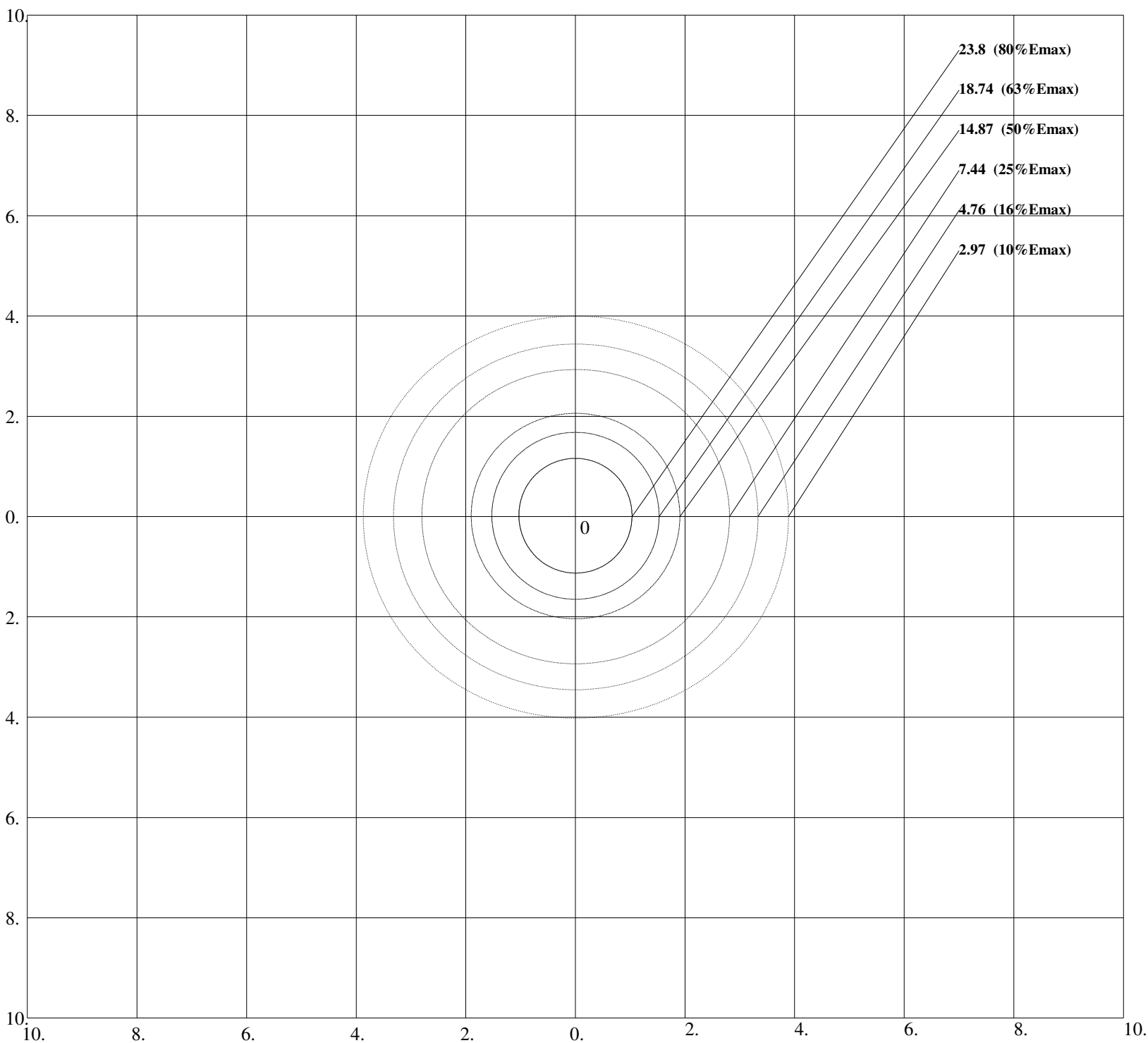


ISO-Candela V-H [Unit :cd] 8748



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Iso-Lux [Unit :lx] 8748



Units: lx
Height: 3 m
Max Illuminance : 29.74lx

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Lux-Distance Curve

