

Test Report of Luminaire

Report No.:

Luminaire Type	4352WH-17-5000K		
Lamp Type	LED		
Client		EUT NO.	CCT: 4816K, CRI: 93.6Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.272
Power:	30.5	Power Factor	0.935
Frequency:	60Hz	Tc	5000K
Photometric Parameters			
Luminaire Flux	1987.11 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	692.803cd	Central Intensity	692.803cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.01%		
Downward Flux Ratio	-198711.2%		
50%Imax Beam Width	C0_180[56.6 , -55.8] C90_270[55.7 , -56.6]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] 4352WH-17-5000K

C\G	0	5	10	15	20	25	30	35	40	45
0	692.8	690.6	681.3	665.9	643.9	617.9	585.5	548.8	507.4	463.0
5	692.8	690.3	680.9	665.6	644.2	617.2	584.8	548.4	507.0	462.3
10	692.8	689.9	680.9	665.2	643.6	616.8	584.1	547.4	506.4	461.3
15	692.8	689.9	680.6	664.9	643.2	616.2	583.8	546.8	505.7	460.6
20	692.8	689.6	680.3	664.6	642.9	615.5	583.1	546.1	504.7	460.0
25	692.8	689.6	679.9	664.2	642.6	614.8	582.5	545.4	504.4	459.3
30	692.8	689.3	679.6	663.9	642.2	614.5	581.8	544.8	503.4	458.3
35	692.8	688.9	679.6	663.6	641.6	614.2	581.1	544.1	503.0	457.6
40	692.8	688.9	679.6	662.9	640.9	613.5	580.8	543.4	502.0	457.0
45	692.8	688.9	678.9	662.6	640.2	613.2	580.1	543.1	501.4	456.6
50	692.8	688.6	678.9	662.6	640.2	612.8	579.8	542.1	501.0	456.0
55	692.8	688.6	678.6	662.2	639.9	612.2	579.1	542.1	500.4	455.3
60	692.8	688.6	678.3	661.9	640.2	612.2	578.8	541.4	500.0	455.0
65	692.8	688.6	678.6	661.6	639.5	611.8	578.5	541.4	499.4	454.3
70	692.8	688.6	678.6	661.2	639.5	611.5	578.5	541.1	499.0	454.3
75	692.8	688.6	678.3	660.9	639.5	611.2	578.1	541.1	499.0	453.6
80	692.8	688.3	677.9	661.2	638.9	611.2	578.1	540.4	498.7	453.3
85	692.8	688.3	677.9	660.9	638.5	610.8	577.8	540.1	498.7	453.0
90	692.8	688.3	677.9	660.9	638.5	610.5	577.5	540.4	498.4	453.0
95	692.8	688.3	677.9	660.9	638.2	610.2	577.5	540.1	498.4	452.6
100	692.8	687.9	677.9	660.6	637.9	610.2	577.5	540.1	498.4	452.6
105	692.8	687.9	677.6	660.6	637.9	610.2	577.5	540.1	498.4	453.0
110	692.8	687.9	677.6	660.6	638.2	610.2	577.5	540.1	498.4	453.0
115	692.8	687.9	677.6	660.6	638.5	610.2	577.5	540.1	498.7	453.0
120	692.8	687.6	677.6	660.2	638.2	610.2	577.5	539.7	498.7	453.3
125	692.8	687.6	677.6	660.6	638.2	610.2	577.5	539.7	498.7	453.6
130	692.8	687.6	677.6	660.6	638.5	610.5	577.8	540.1	499.0	454.0
135	692.8	687.6	677.6	660.9	638.5	610.5	577.8	540.4	499.4	454.0
140	692.8	687.6	677.9	660.9	638.9	610.8	578.1	540.4	499.4	454.0
145	692.8	687.6	677.9	660.6	638.9	610.8	577.8	540.4	499.4	454.0
150	692.8	687.6	677.9	660.6	638.9	611.2	578.1	540.4	499.4	454.0
155	692.8	687.6	677.9	660.9	638.9	611.5	578.1	540.4	499.4	454.3
160	692.8	687.6	677.9	660.9	638.9	611.2	578.1	540.4	499.7	454.3
165	692.8	687.6	677.9	660.9	638.9	611.2	578.1	540.7	499.4	454.3
170	692.8	687.6	677.9	660.9	639.2	611.2	578.1	540.7	499.4	454.3
175	692.8	687.6	677.9	660.9	638.9	611.2	578.1	540.4	499.4	454.3
180	692.8	687.3	677.9	661.2	638.9	611.2	578.1	540.7	499.4	454.0
185	692.8	687.3	677.9	661.2	638.5	611.2	578.1	540.4	499.4	454.0
190	692.8	687.6	677.9	661.2	638.9	611.5	578.5	540.4	499.4	454.0
195	692.8	687.6	677.9	661.2	638.9	611.5	578.5	540.7	499.4	454.0
200	692.8	687.6	677.9	661.6	639.2	611.8	578.8	541.1	499.7	454.3
205	692.8	687.6	677.9	661.6	639.5	611.8	579.1	541.1	500.0	455.0
210	692.8	687.6	678.3	661.9	639.9	611.8	579.5	541.7	500.0	455.0
215	692.8	687.9	678.3	662.2	640.2	612.2	579.8	542.1	500.7	455.6
220	692.8	688.3	678.6	662.6	640.5	612.5	580.5	542.7	501.4	456.3
225	692.8	688.3	678.6	662.6	640.9	612.8	580.8	543.1	501.7	457.0
230	692.8	688.6	678.9	662.9	641.6	613.5	581.5	543.7	502.7	457.6
235	692.8	688.6	678.9	663.6	641.9	613.8	582.1	544.4	503.4	458.0

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Photometric Data Table [Unit:cd] 4352WH-17-5000K

240	692.8	688.9	679.3	664.2	642.2	614.5	582.5	545.4	504.0	459.0
245	692.8	688.6	679.6	664.2	642.6	614.8	583.1	545.8	504.7	459.6
250	692.8	688.6	679.9	664.6	642.9	615.5	583.5	546.4	505.0	460.0
255	692.8	688.9	679.9	664.9	642.9	615.8	584.1	547.1	505.7	460.6
260	692.8	689.3	680.3	665.2	643.2	616.5	584.5	547.8	506.4	461.0
265	692.8	689.3	680.3	665.6	643.9	616.8	584.8	548.1	507.0	462.0
270	692.8	689.6	680.6	665.9	644.2	617.5	585.1	548.8	507.4	462.3
275	692.8	689.6	680.9	665.9	644.6	617.9	585.8	549.4	508.4	463.0
280	692.8	689.3	681.3	665.9	644.9	618.2	586.1	549.8	508.7	463.6
285	692.8	689.6	681.3	666.3	645.2	618.5	586.5	550.1	509.4	464.0
290	692.8	689.6	681.9	666.3	645.9	618.9	587.1	550.8	509.7	464.6
295	692.8	689.9	681.9	666.6	646.2	619.5	587.5	551.1	510.0	465.3
300	692.8	690.3	681.9	666.9	646.2	619.5	587.8	551.1	510.7	465.3
305	692.8	690.3	682.3	666.9	646.2	619.9	587.8	551.4	510.7	466.0
310	692.8	690.3	682.3	666.9	646.6	619.9	588.1	551.8	510.7	466.3
315	692.8	690.6	682.3	667.3	646.6	620.2	588.1	551.8	510.7	466.3
320	692.8	690.6	682.3	667.3	646.2	619.9	588.1	551.8	510.7	466.3
325	692.8	690.3	682.3	667.6	646.2	619.9	588.1	551.8	510.7	466.3
330	692.8	690.3	682.3	667.3	646.2	619.9	588.1	551.4	510.7	466.0
335	692.8	690.6	682.3	667.3	645.6	619.5	588.1	551.1	510.4	465.6
340	692.8	690.3	681.9	667.3	645.6	619.5	587.8	550.8	510.0	465.0
345	692.8	690.3	681.9	666.9	645.6	618.9	587.1	550.4	509.7	464.6
350	692.8	689.9	681.9	666.9	645.6	618.9	586.8	550.1	509.0	464.3
355	692.8	689.9	681.6	666.3	645.2	618.5	586.5	549.4	508.4	463.3
360	692.8	690.6	681.3	665.9	643.9	617.9	585.5	548.8	507.4	463.0

C\G	50	55	60	65	70	75	80	85	90
0	414.6	363.5	310.8	255.7	199.9	140.6	87.9	39.6	0.7
5	413.9	362.8	310.1	254.7	199.3	139.9	87.3	39.1	0.7
10	413.2	361.8	309.1	254.0	198.3	139.0	86.5	38.4	0.7
15	412.2	361.2	308.1	253.3	197.3	138.2	85.7	37.8	0.7
20	411.2	360.5	307.4	252.3	196.3	137.3	84.9	37.2	0.7
25	410.6	359.5	306.8	251.3	195.6	136.5	84.0	36.5	0.7
30	410.2	358.5	305.8	250.7	194.6	135.6	83.3	35.9	0.7
35	409.2	358.2	305.1	250.0	193.9	134.8	82.5	35.3	0.7
40	408.2	357.2	304.1	249.0	192.9	134.0	81.8	34.8	0.7
45	407.9	356.5	303.4	248.3	192.3	133.4	81.3	34.3	0.7
50	406.9	355.8	302.8	247.7	191.6	132.8	80.8	33.9	0.6
55	406.6	355.5	302.1	247.3	191.3	132.3	80.3	33.5	0.6
60	406.2	354.8	301.7	246.7	190.6	131.9	80.0	33.2	0.6
65	405.9	354.5	301.4	246.3	190.6	131.6	79.7	33.0	0.6
70	405.6	354.2	301.1	246.0	190.3	131.4	79.5	32.9	0.6
75	405.2	353.8	300.7	245.7	189.6	131.2	79.4	32.8	0.6
80	404.9	353.8	300.7	245.3	189.6	131.1	79.3	32.8	0.6
85	404.6	353.5	300.4	245.3	189.6	131.1	79.3	32.8	0.6
90	404.6	353.5	300.4	245.3	189.6	131.1	79.4	32.8	0.6
95	404.6	353.5	300.1	245.3	189.6	131.2	79.5	32.9	0.6
100	404.6	353.5	300.4	245.3	189.9	131.2	79.7	33.0	0.6

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Photometric Data Table [Unit:cd] 4352WH-17-5000K

105	404.6	353.5	300.7	245.7	189.9	131.4	79.8	33.1	0.6
110	404.6	353.5	300.4	245.7	190.3	131.6	80.1	33.2	0.6
115	404.6	353.5	300.4	245.7	190.3	131.8	80.3	33.3	0.6
120	404.6	353.5	300.7	245.7	190.6	132.0	80.5	33.5	0.6
125	404.9	353.8	301.1	246.3	190.9	132.2	80.7	33.7	0.6
130	405.2	354.2	301.4	246.7	191.3	132.7	81.0	33.9	0.6
135	405.2	354.5	301.4	247.0	191.6	132.9	81.3	34.1	0.6
140	405.2	354.8	301.7	247.3	191.9	133.2	81.5	34.3	0.6
145	405.2	354.8	301.7	247.3	191.9	133.4	81.6	34.4	0.6
150	405.6	354.8	301.7	247.3	191.9	133.4	81.7	34.5	0.6
155	405.6	354.8	301.7	247.7	191.9	133.4	81.7	34.5	0.6
160	405.6	354.8	301.7	247.3	191.9	133.4	81.6	34.6	0.6
165	405.6	354.5	301.7	247.0	191.9	133.3	81.5	34.5	0.6
170	405.6	354.5	301.7	247.3	191.6	133.1	81.4	34.5	0.6
175	405.6	354.2	301.4	247.0	191.3	132.9	81.3	34.4	0.6
180	405.2	354.5	301.4	247.0	191.3	132.7	81.2	34.3	0.6
185	405.2	354.5	301.4	247.0	191.3	132.6	81.1	34.3	0.6
190	405.2	354.5	301.4	246.7	190.9	132.5	81.0	34.3	0.6
195	405.6	354.5	301.4	246.7	190.9	132.4	81.0	34.3	0.6
200	405.9	354.5	301.4	246.7	191.3	132.5	81.0	34.3	0.6
205	405.9	354.8	301.7	246.7	191.3	132.6	81.1	34.5	0.6
210	406.2	355.5	302.1	247.0	191.3	132.9	81.3	34.7	0.6
215	406.9	355.5	302.4	247.3	191.6	133.2	81.6	35.0	0.6
220	407.2	355.8	302.8	248.0	192.3	133.6	81.9	35.3	0.7
225	408.2	356.5	303.4	248.3	192.6	134.2	82.5	35.7	0.7
230	408.6	357.2	304.1	249.0	193.6	134.7	83.0	36.2	0.7
235	409.6	358.2	305.1	249.7	193.9	135.4	83.5	36.6	0.7
240	409.9	358.8	305.4	250.3	194.6	135.9	84.1	37.1	0.7
245	410.6	359.5	306.1	251.0	195.3	136.5	84.6	37.5	0.7
250	411.6	360.2	307.1	251.7	195.9	137.1	85.2	38.0	0.6
255	411.9	360.8	307.8	252.3	196.6	137.8	85.8	38.5	0.6
260	412.6	361.8	308.8	253.3	197.6	138.5	86.4	39.0	0.6
265	413.6	362.5	309.4	254.0	198.3	139.3	87.0	39.4	0.7
270	414.2	363.2	310.1	254.7	198.9	139.9	87.7	39.9	0.7
275	414.9	363.8	310.8	255.7	199.6	140.7	88.3	40.3	0.7
280	415.6	364.5	311.4	256.4	200.3	141.4	88.9	40.8	0.7
285	416.2	365.2	312.1	256.7	200.9	142.0	89.4	41.2	0.8
290	416.9	365.5	312.8	257.4	201.6	142.6	89.9	41.5	1.0
295	417.2	366.2	313.4	258.0	202.3	143.1	90.3	41.9	1.4
300	417.6	366.5	313.4	258.7	202.9	143.5	90.7	42.1	1.8
305	417.9	366.8	314.1	259.0	203.3	143.8	91.0	42.3	2.0
310	418.2	366.8	314.1	259.0	203.3	144.1	91.2	42.4	2.1
315	418.2	367.2	314.4	259.4	203.6	144.2	91.3	42.5	2.1
320	418.2	367.2	314.4	259.4	203.6	144.2	91.3	42.5	2.0
325	418.2	366.8	314.4	259.0	203.6	144.1	91.2	42.3	1.9
330	417.9	366.8	314.1	259.0	203.6	143.9	91.0	42.2	1.7
335	417.6	366.5	313.8	258.7	203.3	143.6	90.7	41.9	1.5
340	417.2	365.8	313.1	258.4	202.6	143.3	90.3	41.6	1.2
345	416.9	365.5	312.8	258.0	201.9	142.7	89.8	41.2	1.0

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Photometric Data Table [Unit:cd] 4352WH-17-5000K

350	416.2	364.8	312.1	257.0	201.3	142.1	89.3	40.7	0.8
355	415.6	364.2	311.4	256.7	200.6	141.5	88.6	40.2	0.7
360	414.6	363.5	310.8	255.7	199.9	140.6	87.9	39.6	0.7

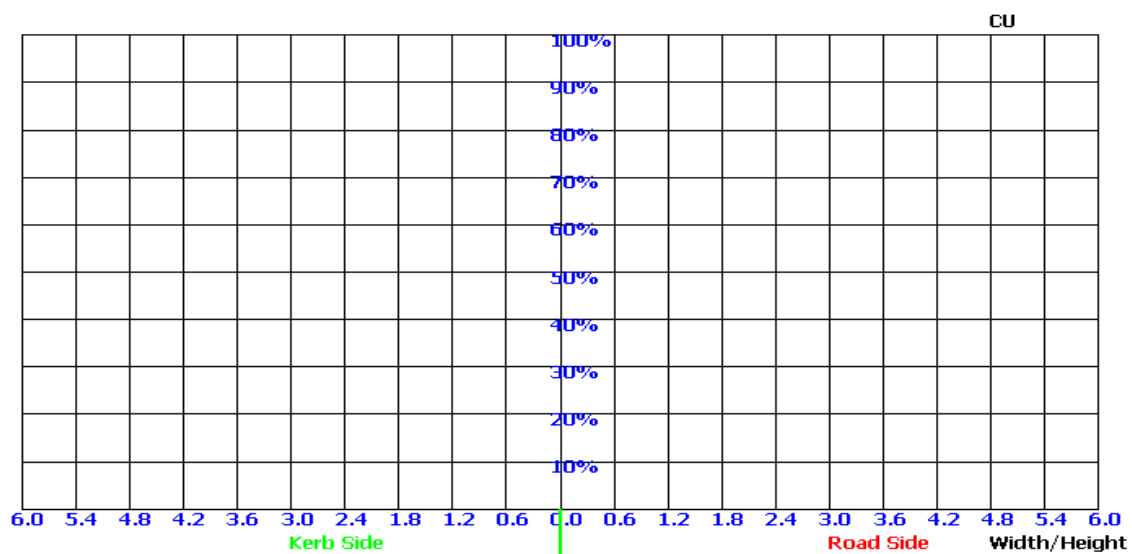
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Zonal Flux 4352WH-17-5000K

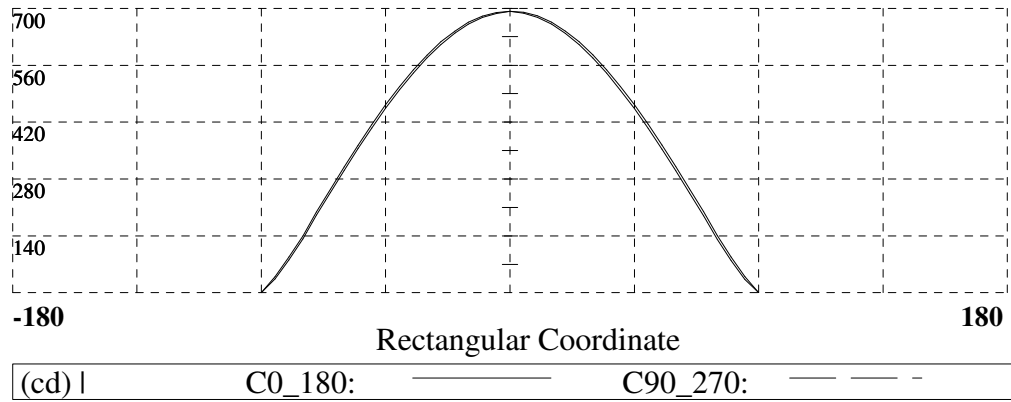
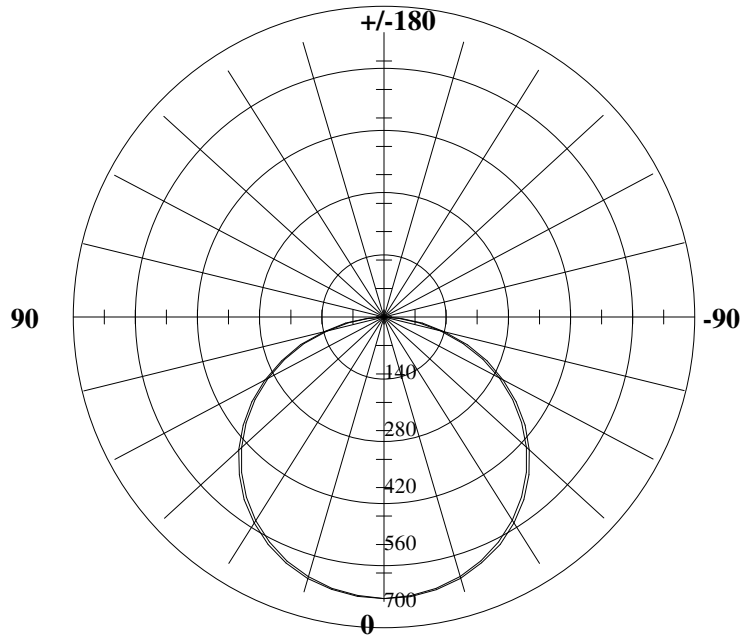
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	692.80	0.00	0.00	0.00	0.00
5	688.80	16.52	16.52	-1651.67	-1651.67
10	679.46	48.95	65.46	-4894.69	-6546.36
15	663.38	79.66	145.12	-7965.64	-14511.99
20	641.60	107.55	252.67	-10754.85	-25266.83
25	614.22	131.71	384.38	-13171.20	-38438.05
30	581.74	151.35	535.73	-15134.93	-53572.97
35	544.56	165.85	701.58	-16585.43	-70158.43
40	503.31	174.83	876.41	-17482.90	-87641.32
45	458.21	178.03	1054.45	-17803.30	-105444.65
50	409.76	175.39	1229.83	-17538.57	-122983.22
55	358.65	167.08	1396.91	-16707.79	-139691.03
60	305.67	153.56	1550.47	-15355.51	-155046.57
65	250.71	135.26	1685.72	-13525.63	-168572.22
70	195.00	112.85	1798.58	-11285.45	-179857.68
75	136.14	86.55	1885.13	-8655.39	-188513.02
80	84.06	58.92	1944.05	-5891.97	-194405.00
85	36.66	32.80	1976.85	-3280.34	-197685.34
90	0.80	10.26	1987.11	-1025.88	-198711.22

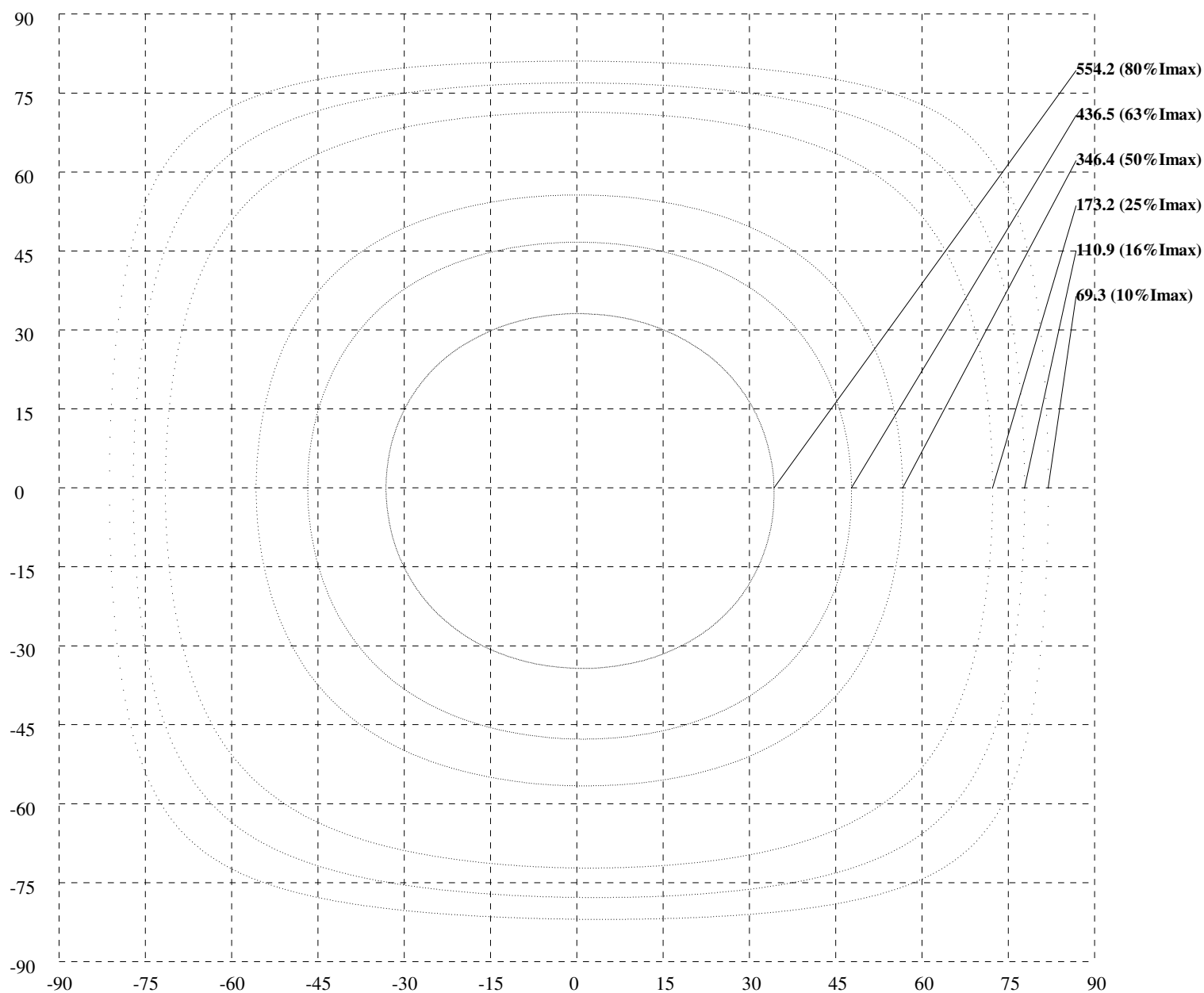
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Coefficient Utilization Curve 4352WH-17-5000K



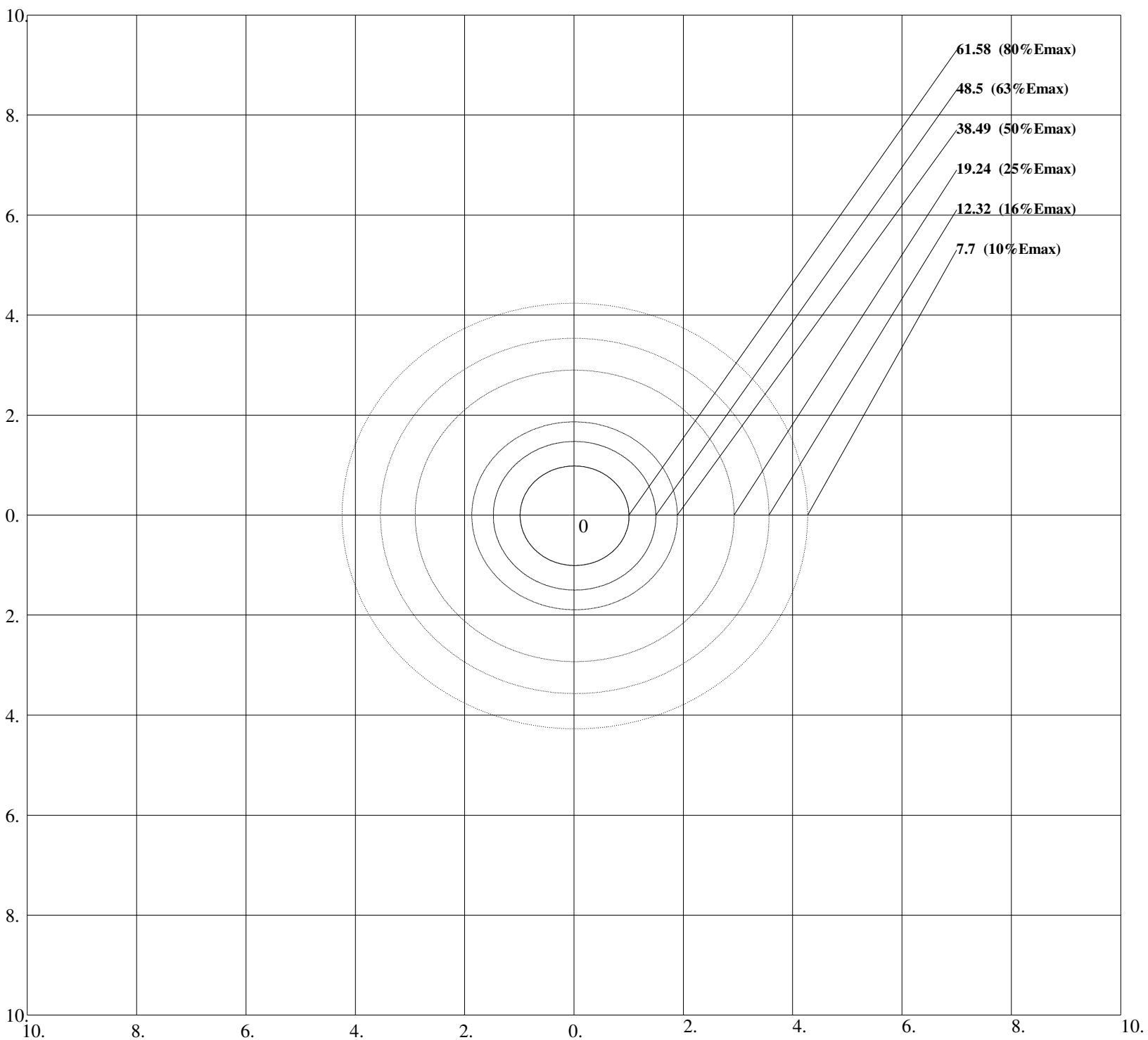
Light Distribution Curve[Unit: cd]





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Iso-Lux [Unit :lx] 4352WH-17-5000K



Units: lx
Height: 3 m
Max Illuminance : 76.98lx

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Lux-Distance Curve

