

Test Report of Luminaire

Report No.:

Luminaire Type	8775WH-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2869K, CRI: 91.3Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.119
Power:	13.2	Power Factor	0.927
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	805.42 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	447.918cd	Central Intensity	447.918cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-80541.78%		
50%Imax Beam Width	C0_180[40.4 , -40.4] C90_270[41.0 , -39.9]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] 8775WH-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	447.9	442.1	429.3	410.4	384.4	352.2	313.8	271.5	227.8	184.1
5	447.9	442.2	429.3	410.6	384.6	352.4	313.8	271.7	228.1	184.4
10	447.9	442.2	429.5	410.6	384.7	352.4	314.1	272.0	228.5	184.9
15	447.9	442.2	429.5	410.8	384.8	352.5	314.2	272.4	228.8	185.4
20	447.9	442.3	429.7	410.9	385.1	352.6	314.4	272.6	229.2	185.8
25	447.9	442.3	429.7	411.1	385.2	352.9	314.5	272.8	229.5	186.2
30	447.9	442.3	429.7	411.3	385.4	353.1	314.6	273.1	229.8	186.6
35	447.9	442.3	429.9	411.4	385.7	353.4	314.9	273.3	230.1	186.9
40	447.9	442.5	430.0	411.6	385.8	353.7	315.3	273.5	230.4	187.3
45	447.9	442.5	430.1	411.7	386.2	353.9	315.6	273.9	230.7	187.5
50	447.9	442.6	430.2	411.8	386.3	354.3	315.8	274.2	231.0	187.8
55	447.9	442.5	430.3	412.0	386.6	354.5	316.2	274.6	231.2	188.1
60	447.9	442.6	430.4	412.1	386.8	354.8	316.6	274.9	231.6	188.3
65	447.9	442.6	430.4	412.3	387.0	355.0	316.9	275.1	231.8	188.6
70	447.9	442.6	430.5	412.3	387.3	355.3	317.1	275.4	232.1	188.6
75	447.9	442.7	430.5	412.5	387.4	355.6	317.6	275.7	232.3	188.8
80	447.9	442.7	430.6	412.5	387.6	355.7	317.9	276.0	232.5	189.0
85	447.9	442.7	430.6	412.6	387.6	356.0	318.0	276.1	232.6	189.0
90	447.9	442.7	430.7	412.7	387.8	356.1	318.2	276.3	232.8	189.0
95	447.9	442.7	430.6	412.8	387.9	356.2	318.2	276.4	233.0	189.0
100	447.9	442.6	430.7	412.8	387.9	356.2	318.3	276.5	232.9	189.2
105	447.9	442.5	430.6	412.8	388.0	356.4	318.3	276.5	232.9	189.1
110	447.9	442.6	430.7	412.7	387.9	356.3	318.3	276.4	232.8	189.0
115	447.9	442.5	430.5	412.7	387.9	356.3	318.2	276.3	232.7	188.8
120	447.9	442.6	430.5	412.7	387.9	356.2	318.0	276.0	232.4	188.7
125	447.9	442.6	430.5	412.5	387.7	356.2	317.8	275.8	232.2	188.4
130	447.9	442.5	430.2	412.5	387.7	356.0	317.7	275.5	231.9	188.1
135	447.9	442.3	430.3	412.2	387.5	355.8	317.5	275.2	231.6	187.9
140	447.9	442.4	430.1	412.2	387.3	355.4	317.0	274.8	231.2	187.5
145	447.9	442.3	430.0	412.0	387.1	355.1	316.8	274.5	230.8	187.2
150	447.9	442.1	429.9	411.8	386.9	355.0	316.3	274.0	230.4	186.7
155	447.9	442.0	429.7	411.6	386.7	354.6	315.9	273.6	229.9	186.2
160	447.9	442.0	429.7	411.4	386.4	354.2	315.6	273.2	229.4	185.7
165	447.9	441.8	429.5	411.3	386.0	354.1	314.9	272.7	228.9	185.2
170	447.9	441.8	429.5	411.0	385.7	353.7	314.6	272.3	228.4	184.6
175	447.9	441.7	429.1	410.7	385.4	353.2	314.1	271.7	227.9	184.1
180	447.9	441.5	429.0	410.4	385.1	352.8	313.9	271.2	227.2	183.6
185	447.9	441.4	428.9	410.2	384.8	352.4	313.2	270.6	226.6	182.9
190	447.9	441.2	428.7	410.0	384.5	352.1	312.8	270.1	226.1	182.5
195	447.9	441.2	428.7	409.8	384.3	351.6	312.3	269.6	225.5	181.9
200	447.9	441.1	428.3	409.7	383.9	351.3	311.9	269.1	225.0	181.3
205	447.9	441.0	428.3	409.5	383.6	350.8	311.5	268.7	224.5	180.9
210	447.9	440.9	428.0	409.3	383.4	350.7	311.2	268.3	224.1	180.5
215	447.9	440.9	427.9	409.1	383.1	350.2	310.8	268.0	223.7	180.1
220	447.9	440.9	427.8	408.9	382.9	350.0	310.5	267.6	223.3	179.8
225	447.9	440.7	427.7	408.8	382.7	349.7	310.2	267.3	223.1	179.6
230	447.9	440.7	427.5	408.6	382.5	349.4	309.9	267.0	222.9	179.3
235	447.9	440.6	427.5	408.6	382.3	349.2	309.8	266.8	222.7	179.2

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Photometric Data Table [Unit:cd] 8775WH-90-3K

240	447.9	440.4	427.4	408.5	382.1	349.2	309.6	266.7	222.6	179.1
245	447.9	440.5	427.3	408.4	382.0	349.0	309.6	266.7	222.6	179.1
250	447.9	440.5	427.3	408.4	382.0	349.0	309.5	266.7	222.7	179.0
255	447.9	440.5	427.2	408.5	381.9	348.8	309.5	266.8	222.5	179.0
260	447.9	440.4	427.2	408.2	381.8	348.7	309.6	266.9	222.7	179.1
265	447.9	440.4	427.3	408.2	381.8	348.9	309.7	267.0	222.8	179.0
270	447.9	440.4	427.2	408.2	381.8	348.9	310.0	267.2	223.0	179.1
275	447.9	440.4	427.2	408.2	381.9	349.1	310.1	267.5	223.1	179.2
280	447.9	440.2	427.2	408.2	381.9	349.2	310.4	267.7	223.2	179.2
285	447.9	440.5	427.2	408.3	382.1	349.5	310.5	267.9	223.4	179.3
290	447.9	440.4	427.3	408.2	382.2	349.5	310.8	268.1	223.5	179.4
295	447.9	440.3	427.3	408.4	382.3	349.9	311.1	268.3	223.7	179.6
300	447.9	440.4	427.4	408.5	382.5	350.2	311.3	268.5	223.9	179.8
305	447.9	440.3	427.6	408.6	382.6	350.3	311.6	268.8	224.1	180.0
310	447.9	440.4	427.5	408.7	382.8	350.6	311.8	269.0	224.3	180.3
315	447.9	440.4	427.6	408.9	383.0	350.8	312.0	269.2	224.6	180.6
320	447.9	440.5	427.7	409.0	383.2	351.1	312.3	269.4	224.7	180.8
325	447.9	440.6	427.7	409.2	383.4	351.3	312.5	269.7	225.1	181.2
330	447.9	440.5	427.9	409.4	383.4	351.4	312.7	269.9	225.5	181.5
335	447.9	440.6	427.9	409.4	383.6	351.6	312.9	270.3	225.8	181.8
340	447.9	440.5	428.0	409.5	383.6	351.7	313.1	270.6	226.2	182.2
345	447.9	440.7	428.1	409.5	383.7	351.9	313.2	270.9	226.5	182.6
350	447.9	440.7	428.2	409.7	383.8	351.9	313.3	271.2	227.0	183.0
355	447.9	440.7	428.2	409.8	384.0	352.0	313.5	271.4	227.3	183.4
360	447.9	442.1	429.3	410.4	384.4	352.2	313.8	271.5	227.8	184.1

C\G	50	55	60	65	70	75	80	85	90
0	142.5	105.2	74.2	50.0	31.3	20.1	11.7	4.7	0.6
5	142.9	105.5	74.4	50.1	31.3	20.2	11.7	4.8	0.6
10	143.3	105.8	74.6	50.3	31.4	20.2	11.8	4.8	0.6
15	143.8	106.2	74.8	50.4	31.6	20.3	11.9	4.8	0.6
20	144.2	106.6	75.1	50.6	31.7	20.4	11.9	4.9	0.6
25	144.7	106.9	75.3	50.7	31.8	20.4	12.0	4.9	0.6
30	145.1	107.4	75.6	50.8	31.9	20.5	12.0	4.9	0.6
35	145.5	107.7	75.8	51.0	32.1	20.6	11.7	4.5	0.6
40	145.8	107.9	76.0	51.1	32.2	20.7	11.5	4.3	0.6
45	146.1	108.2	76.2	51.3	32.4	20.8	11.5	4.3	0.6
50	146.3	108.4	76.4	51.4	32.5	20.9	11.7	4.3	0.6
55	146.6	108.5	76.5	51.6	32.7	21.0	12.0	4.6	0.6
60	146.7	108.6	76.6	51.7	32.9	21.1	12.4	5.0	0.6
65	146.8	108.8	76.6	51.8	33.0	21.1	12.7	5.3	0.7
70	147.0	108.8	76.7	51.9	33.2	21.2	12.7	5.4	0.7
75	147.0	108.8	76.6	51.9	33.3	21.3	12.9	5.5	0.7
80	147.1	108.8	76.6	51.9	33.4	21.4	13.1	5.6	0.6
85	147.1	108.7	76.5	51.9	33.5	21.4	13.1	5.6	0.6
90	147.1	108.7	76.4	51.8	33.5	21.5	13.0	5.6	0.6
95	147.1	108.7	76.3	51.8	33.5	21.6	13.1	5.7	0.7
100	147.0	108.6	76.2	51.6	33.5	21.6	13.1	5.7	0.7

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Photometric Data Table [Unit:cd] 8775WH-90-3K

105	146.9	108.5	76.1	51.5	33.5	21.6	13.2	5.8	0.8
110	146.8	108.3	76.0	51.4	33.4	21.7	13.4	5.9	0.8
115	146.7	108.3	75.9	51.3	33.3	21.7	13.5	6.0	0.8
120	146.5	108.2	75.8	51.1	33.2	21.7	13.5	5.8	0.7
125	146.4	108.0	75.6	51.0	33.1	21.7	13.1	5.4	0.7
130	146.1	107.8	75.5	50.8	33.0	21.7	12.9	5.2	0.7
135	145.8	107.6	75.4	50.7	32.9	21.7	12.8	5.1	0.7
140	145.5	107.3	75.2	50.6	32.8	21.6	12.8	5.2	0.7
145	145.2	107.0	75.0	50.5	32.8	21.7	13.0	5.3	0.7
150	144.8	106.7	74.8	50.4	32.8	21.6	13.3	5.7	0.7
155	144.3	106.4	74.6	50.4	32.7	21.6	13.3	5.9	0.7
160	143.9	106.0	74.4	50.3	32.8	21.6	13.2	5.9	0.7
165	143.4	105.7	74.2	50.2	32.8	21.5	13.2	5.9	0.7
170	143.0	105.3	74.0	50.2	32.8	21.5	13.2	5.9	0.7
175	142.4	104.9	73.8	50.2	32.8	21.4	13.1	5.8	0.7
180	141.9	104.6	73.6	50.2	32.8	21.4	13.1	5.7	0.6
185	141.5	104.2	73.5	50.3	32.8	21.3	13.0	5.7	0.6
190	141.0	103.9	73.4	50.3	32.8	21.3	13.0	5.7	0.6
195	140.6	103.6	73.3	50.3	32.8	21.2	12.9	5.6	0.6
200	140.1	103.3	73.2	50.3	32.7	21.1	12.8	5.5	0.6
205	139.8	103.1	73.1	50.2	32.6	21.1	12.8	5.5	0.6
210	139.4	102.9	73.0	50.2	32.5	21.0	12.6	5.2	0.6
215	139.1	102.7	72.9	50.1	32.4	20.9	12.2	4.8	0.6
220	138.9	102.5	72.8	50.0	32.2	20.8	11.9	4.6	0.6
225	138.7	102.4	72.6	49.9	32.1	20.7	11.8	4.5	0.6
230	138.4	102.2	72.5	49.7	31.9	20.6	11.8	4.5	0.6
235	138.3	102.1	72.3	49.5	31.8	20.6	11.9	4.7	0.6
240	138.3	101.9	72.2	49.4	31.6	20.5	12.2	5.0	0.6
245	138.0	101.8	72.1	49.2	31.5	20.4	12.2	5.0	0.6
250	137.9	101.6	71.9	49.0	31.4	20.3	12.1	5.0	0.6
255	137.8	101.5	71.8	48.9	31.2	20.3	12.0	4.9	0.6
260	137.7	101.4	71.6	48.8	31.1	20.2	12.0	4.9	0.6
265	137.7	101.3	71.5	48.6	31.0	20.2	11.9	4.9	0.6
270	137.8	101.3	71.5	48.6	30.9	20.1	11.8	4.9	0.6
275	137.8	101.3	71.4	48.5	30.8	20.0	11.8	4.8	0.6
280	137.8	101.4	71.4	48.4	30.7	20.0	11.7	4.7	0.6
285	138.0	101.4	71.5	48.4	30.7	20.0	11.7	4.6	0.6
290	138.1	101.5	71.6	48.4	30.6	20.0	11.7	4.6	0.6
295	138.3	101.7	71.7	48.4	30.6	19.9	11.6	4.5	0.6
300	138.5	101.9	71.8	48.5	30.6	19.9	11.5	4.4	0.6
305	138.7	102.1	71.9	48.5	30.6	19.9	11.1	4.0	0.6
310	138.9	102.4	72.1	48.6	30.6	19.9	10.9	3.8	0.6
315	139.3	102.5	72.2	48.7	30.6	19.9	10.8	3.7	0.6
320	139.5	102.8	72.4	48.8	30.6	19.9	10.8	3.7	0.6
325	139.8	103.0	72.6	48.9	30.7	19.9	11.0	3.9	0.6
330	140.2	103.3	72.8	49.1	30.8	19.9	11.4	4.2	0.6
335	140.5	103.6	73.1	49.2	30.8	19.9	11.5	4.5	0.6
340	140.8	103.9	73.3	49.4	30.8	19.9	11.5	4.5	0.6
345	141.2	104.2	73.5	49.5	31.0	20.0	11.6	4.6	0.6

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Photometric Data Table [Unit:cd] 8775WH-90-3K

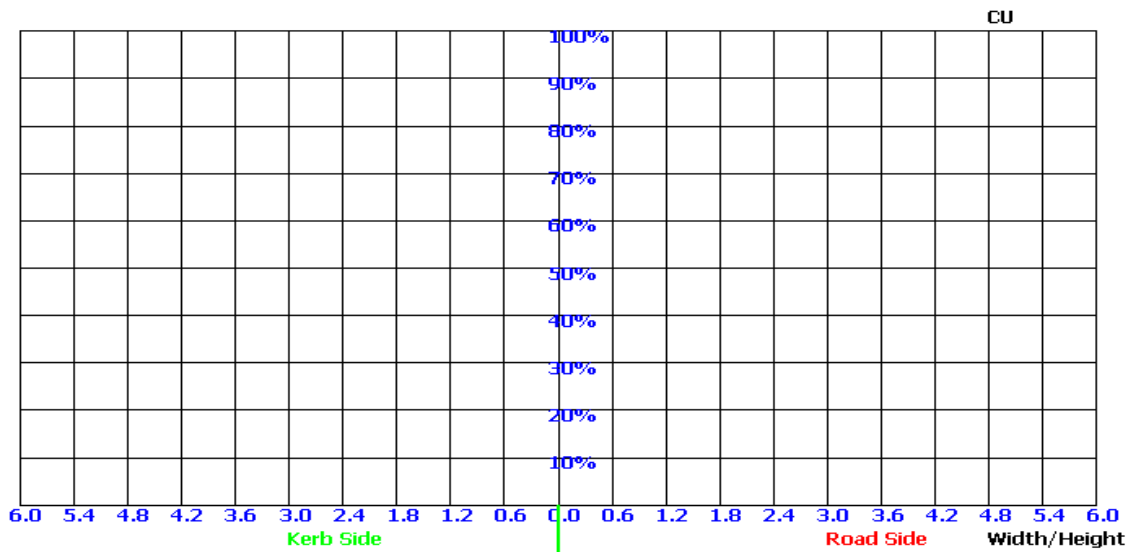
350	141.6	104.5	73.7	49.7	31.0	20.0	11.6	4.5	0.6
355	142.1	104.8	73.9	49.8	31.1	20.1	11.6	4.6	0.6
360	142.5	105.2	74.2	50.0	31.3	20.1	11.7	4.7	0.6

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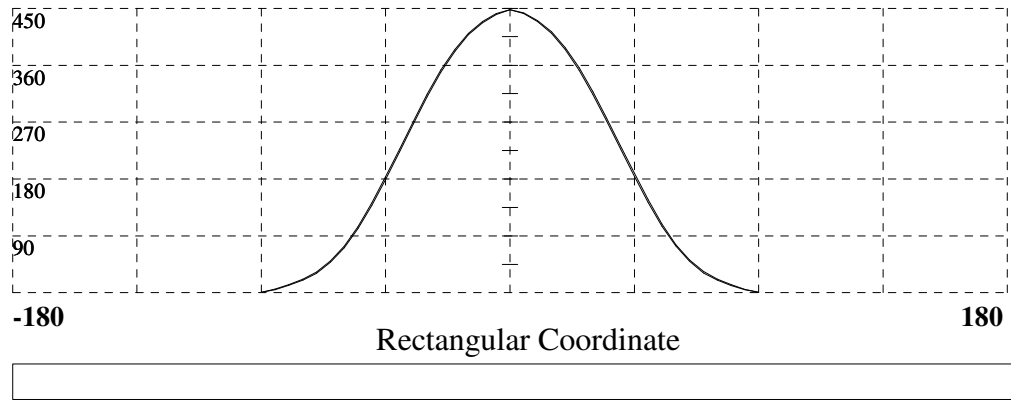
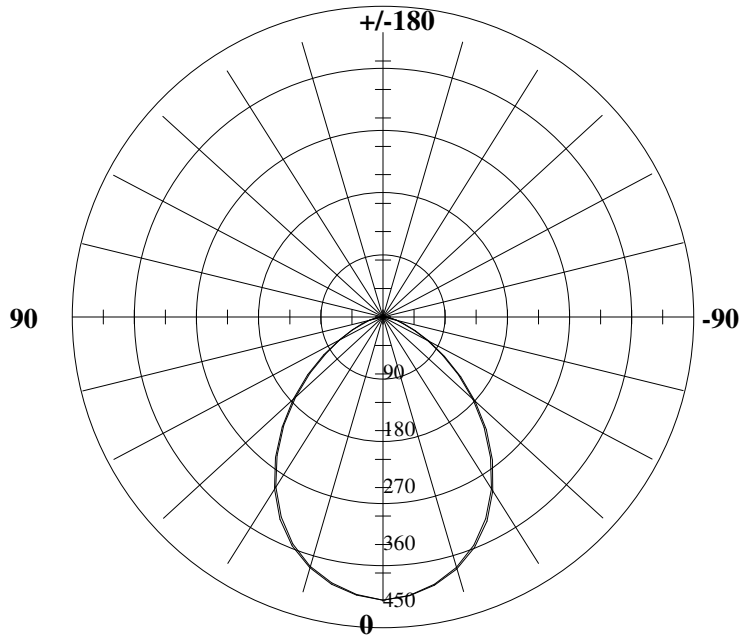
Zonal Flux 8775WH-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	447.92	0.00	0.00	0.00	0.00
5	441.52	10.63	10.63	-1063.30	-1063.30
10	428.91	31.14	41.77	-3113.79	-4177.08
15	410.41	49.79	91.56	-4978.78	-9155.87
20	384.78	65.54	157.09	-6553.53	-15709.40
25	352.53	77.33	234.42	-7733.03	-23442.42
30	313.83	84.33	318.75	-8432.79	-31875.22
35	271.49	86.19	404.95	-8619.30	-40494.53
40	227.58	83.27	488.21	-8326.68	-48821.20
45	183.90	76.19	564.40	-7618.94	-56440.14
50	142.38	65.93	630.33	-6593.10	-63033.26
55	105.05	53.80	684.13	-5380.13	-68413.41
60	74.01	41.39	725.53	-4139.13	-72552.56
65	50.15	30.18	755.71	-3018.37	-75570.94
70	32.07	20.82	776.53	-2081.83	-77652.76
75	20.77	13.81	790.34	-1381.21	-79033.98
80	12.26	8.84	799.18	-883.77	-79917.77
85	5.01	4.69	803.87	-469.32	-80387.08
90	0.64	1.55	805.42	-154.74	-80541.83

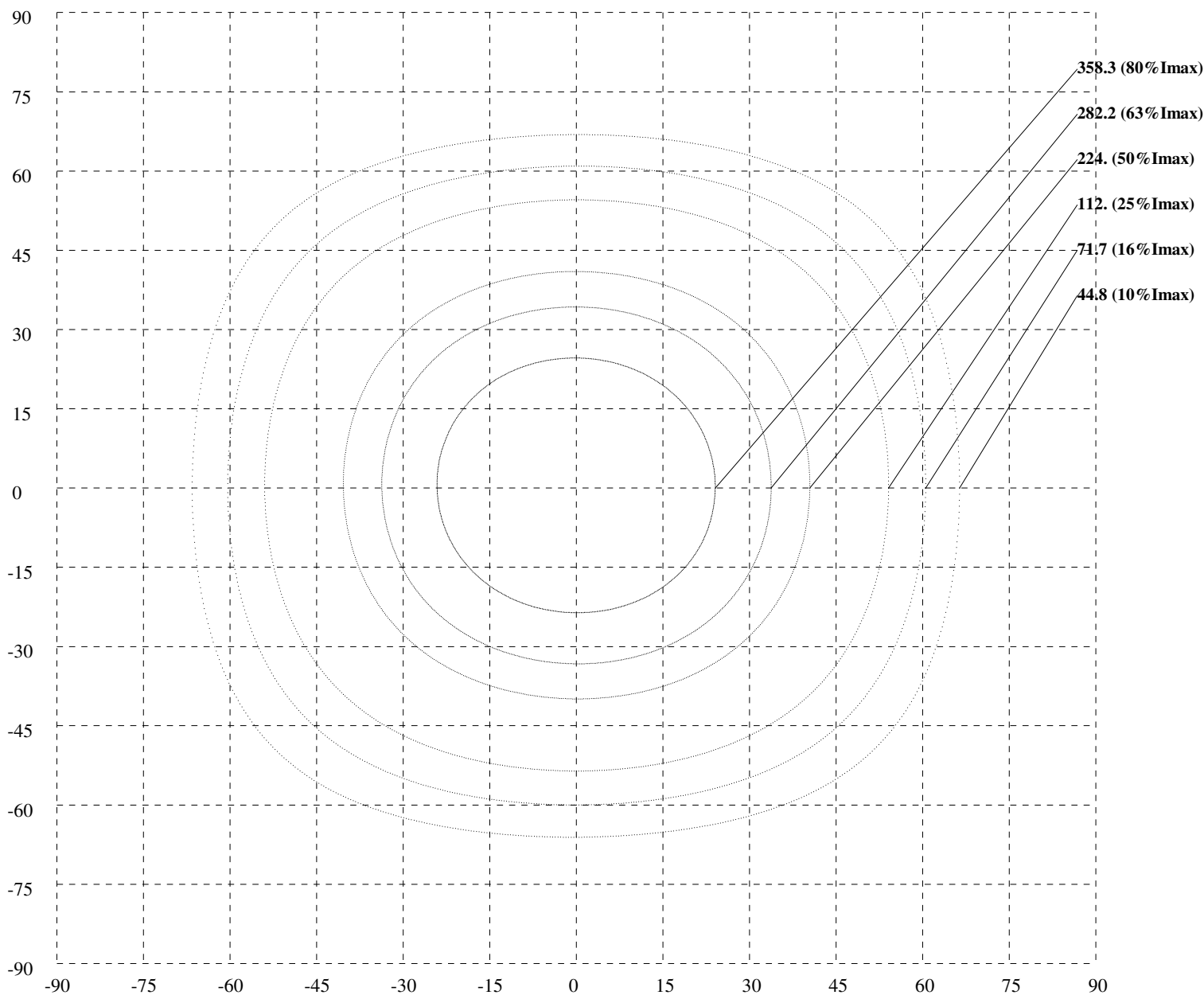
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Coefficient Utilization Curve 8775WH-90-3K



Light Distribution Curve[Unit: cd]

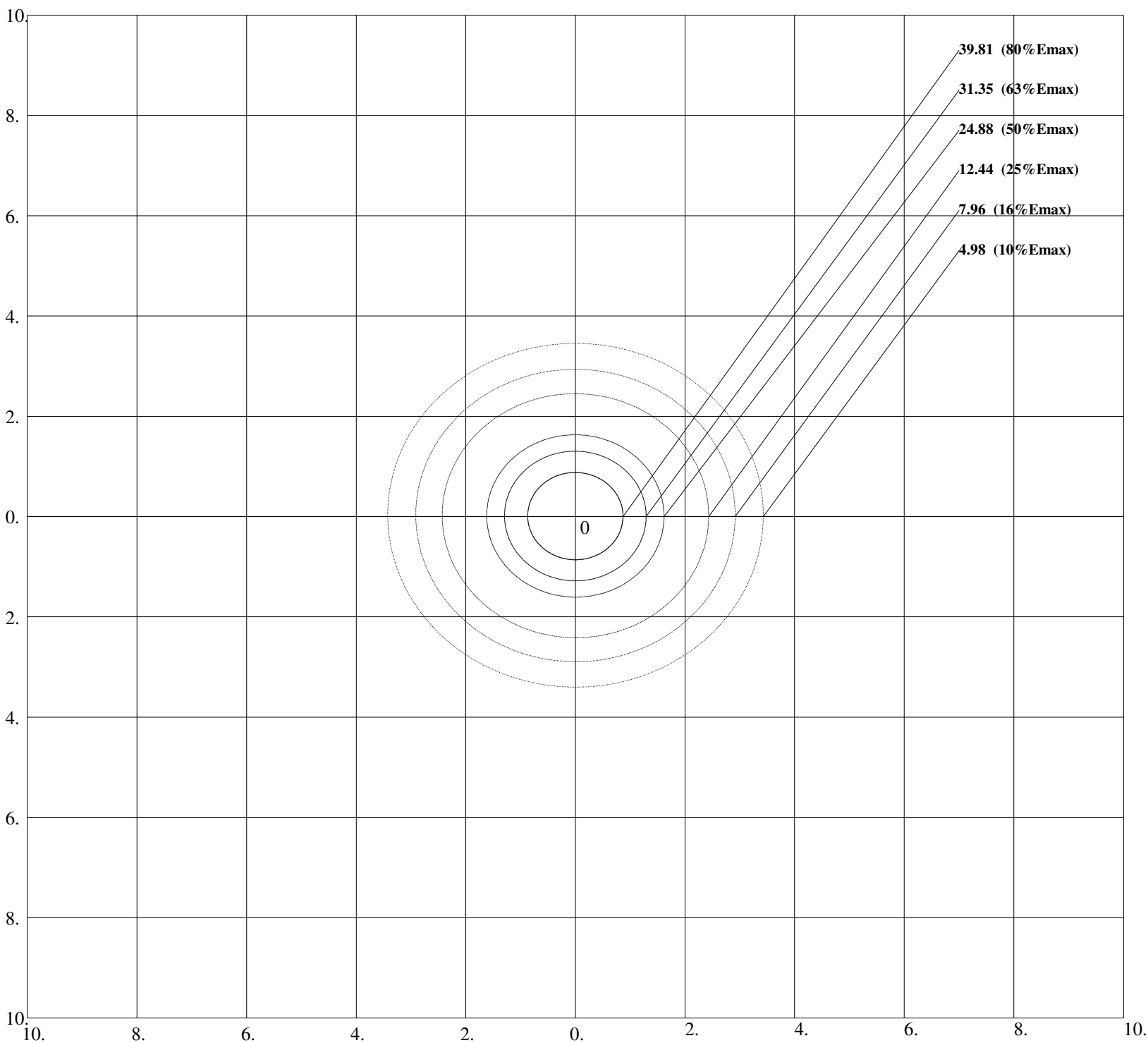


ISO-Candela V-H [Unit :cd] 8775WH-90-3K



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Iso-Lux [Unit :lx] 8775WH-90-3K



Units: lx
Height: 3 m
Max Illuminance : 49.77lx

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Lux-Distance Curve

