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DL-FLEX-UP-ULTRA-27

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LumCAT: DL-FLEX-UP-ULTRA-27	Luminaire:
Report No:	Voltage(V): 24.009
Test No:	Current(A): 0.172
LampCAT:	Power (W): 4.140
Lamp flux(lm): -1.0	PF:1.000
Number of Lamps:0	Ballast type:
Length(mm): 0	Width(mm): 0
Phm Type:C	Height(mm): 0

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Photometric Results

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Lumens(lm): 280.10  
Efficiency(%): 0.00%  
Lumens(lm)/Power(W): 67.66  
Central intensity(cd): 96.179  
Maximum intensity(cd): 97.312  
Angle of maximum intensity: C=30.0  $\gamma$ =0.0  
Beam Angle(50% lmax): [V]Left=57.7 Right=57.7  
                                  [H]Left=56.2 Right=56.2  
Field angle(10% lmax): [V]Left=80.5 Right=80.5  
                                  [H]Left=79.3 Right=79.3  
Beam angle of C30plane:113.45

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Equipment:  
Temperature(°C): -1.0

Date:  
Humidity(%): -1.0%

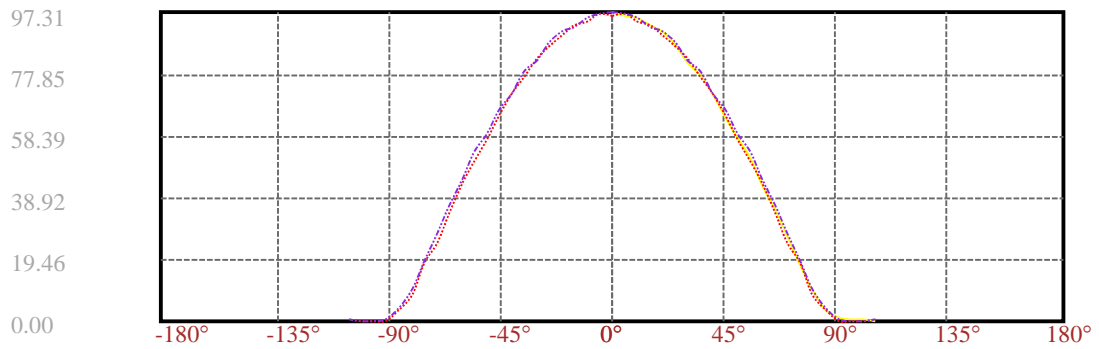
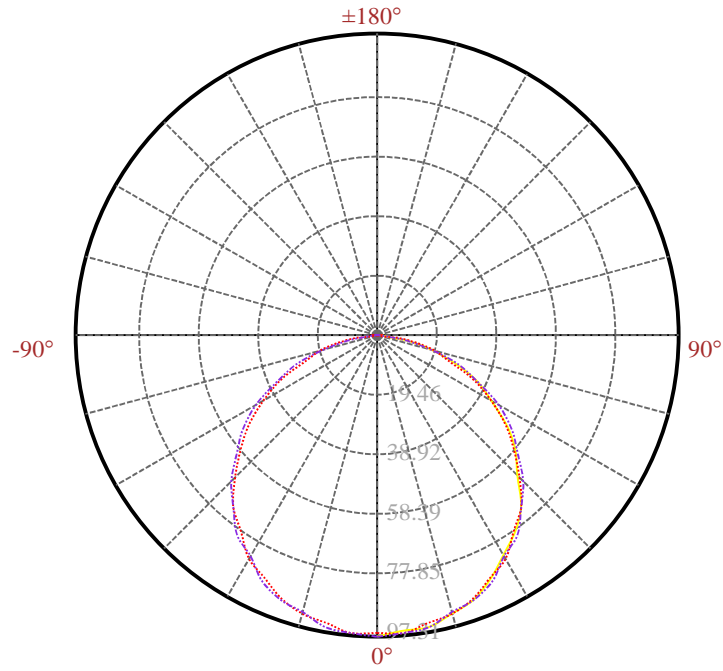
Operator:  
Distance(m): 1.00

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	96.976	.000	.000	.000%	.000%
5.0	96.367	2.311	2.311	.000%	.000%
10.0	95.203	6.853	9.164	.000%	.000%
15.0	92.937	11.160	20.325	.000%	.000%
20.0	90.745	15.138	35.463	.000%	.000%
25.0	86.936	18.635	54.098	.000%	.000%
30.0	82.373	21.426	75.525	.000%	.000%
35.0	77.600	23.557	99.082	.000%	.000%
40.0	72.124	24.980	124.062	.000%	.000%
45.0	65.357	25.456	149.518	.000%	.000%
50.0	58.328	24.992	174.510	.000%	.000%
55.0	51.614	23.905	198.415	.000%	.000%
60.0	43.641	22.018	220.433	.000%	.000%
65.0	35.585	19.260	239.693	.000%	.000%
70.0	26.688	15.768	255.461	.000%	.000%
75.0	18.096	11.706	267.167	.000%	.000%
80.0	9.694	7.436	274.603	.000%	.000%
85.0	3.955	3.709	278.311	.000%	.000%
90.0	.598	1.247	279.558	.000%	.000%
95.0	.178	.213	279.770	.000%	.000%
100.0	.305	.131	279.902	.000%	.000%
105.0	.441	.199	280.101	.000%	.000%

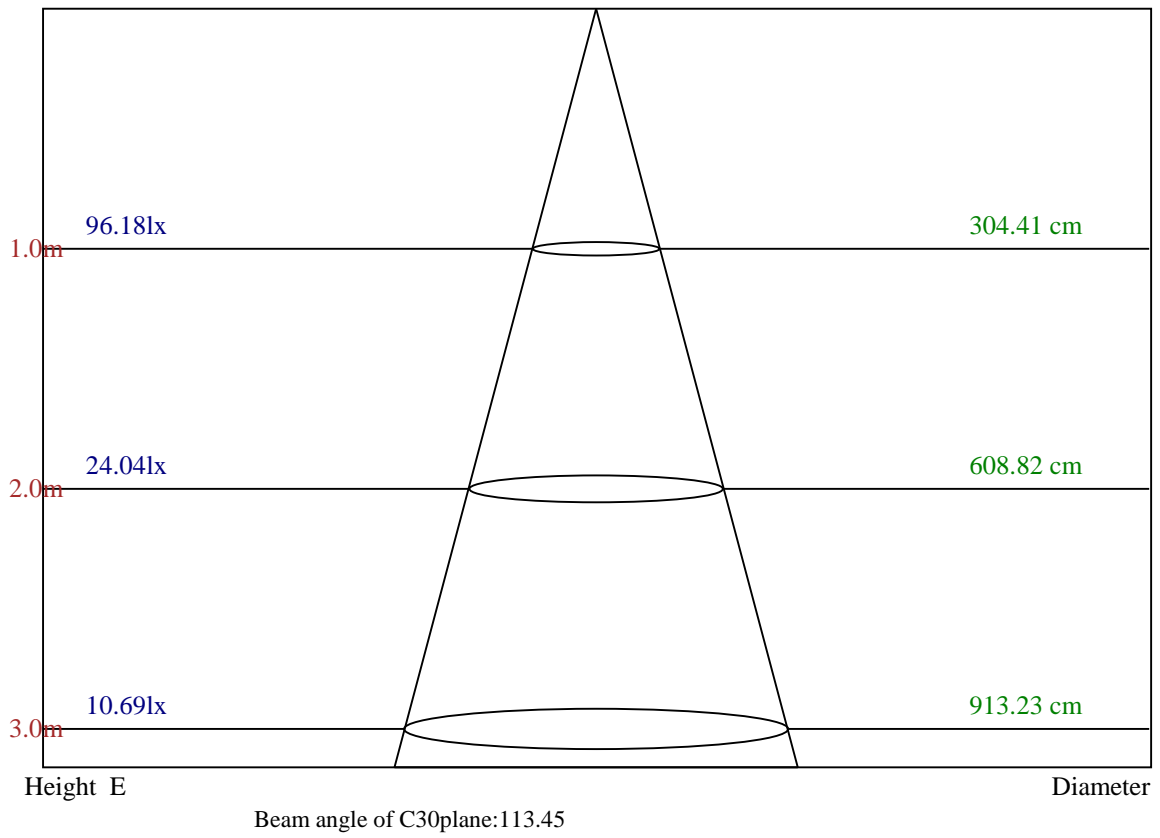
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	75.525	N.A.	26.963%
0-40	124.062	N.A.	44.292%
0-60	220.433	N.A.	78.698%
0-90	279.558	N.A.	99.806%
90-120	.344	N.A.	.123%
90-130	.344	N.A.	.123%
90-150	.344	N.A.	.123%
90-180	.344	N.A.	.123%
0-180	280.101	N.A.	100.000%

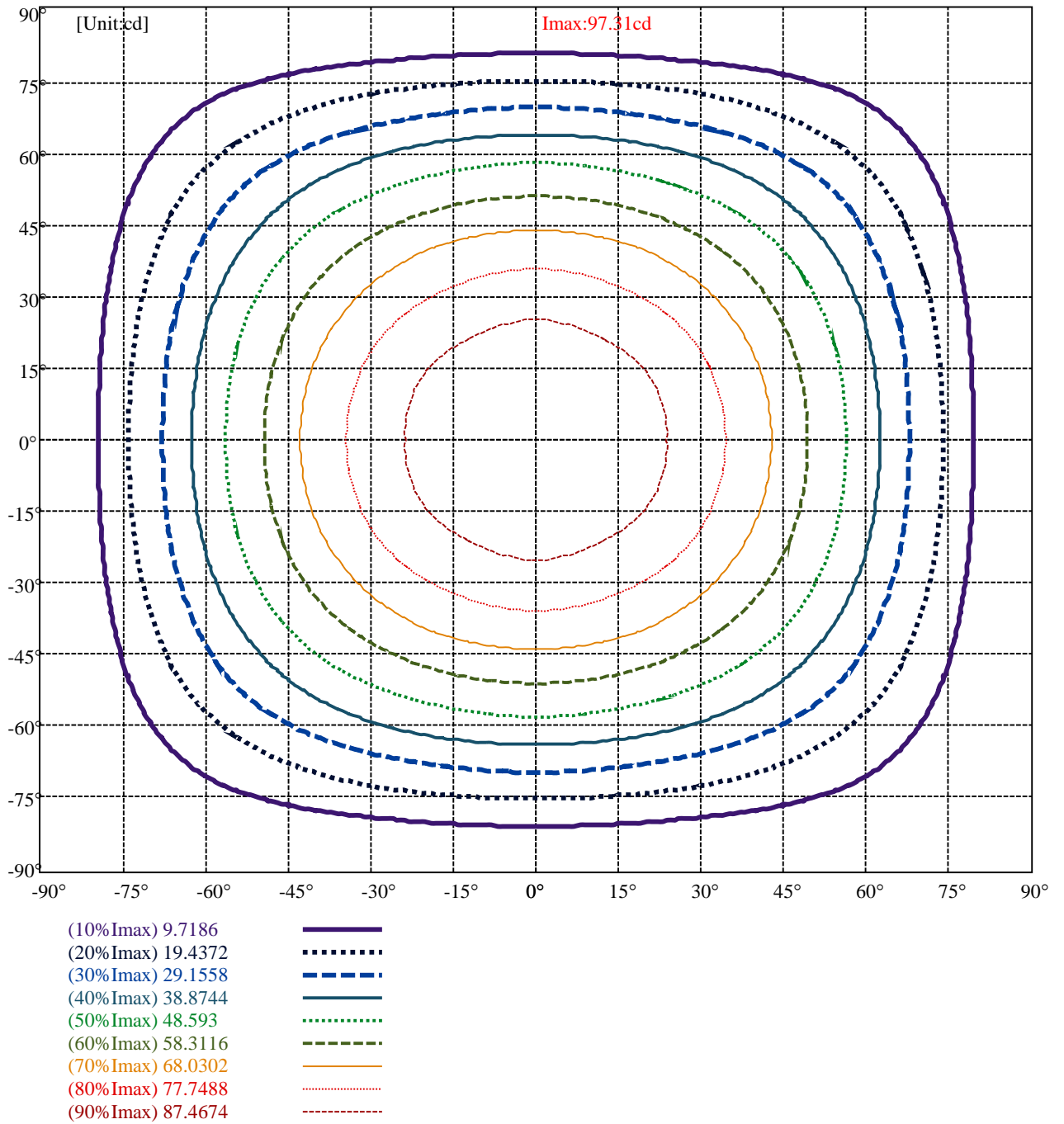
## ZONAL LUMEN SUMMARY

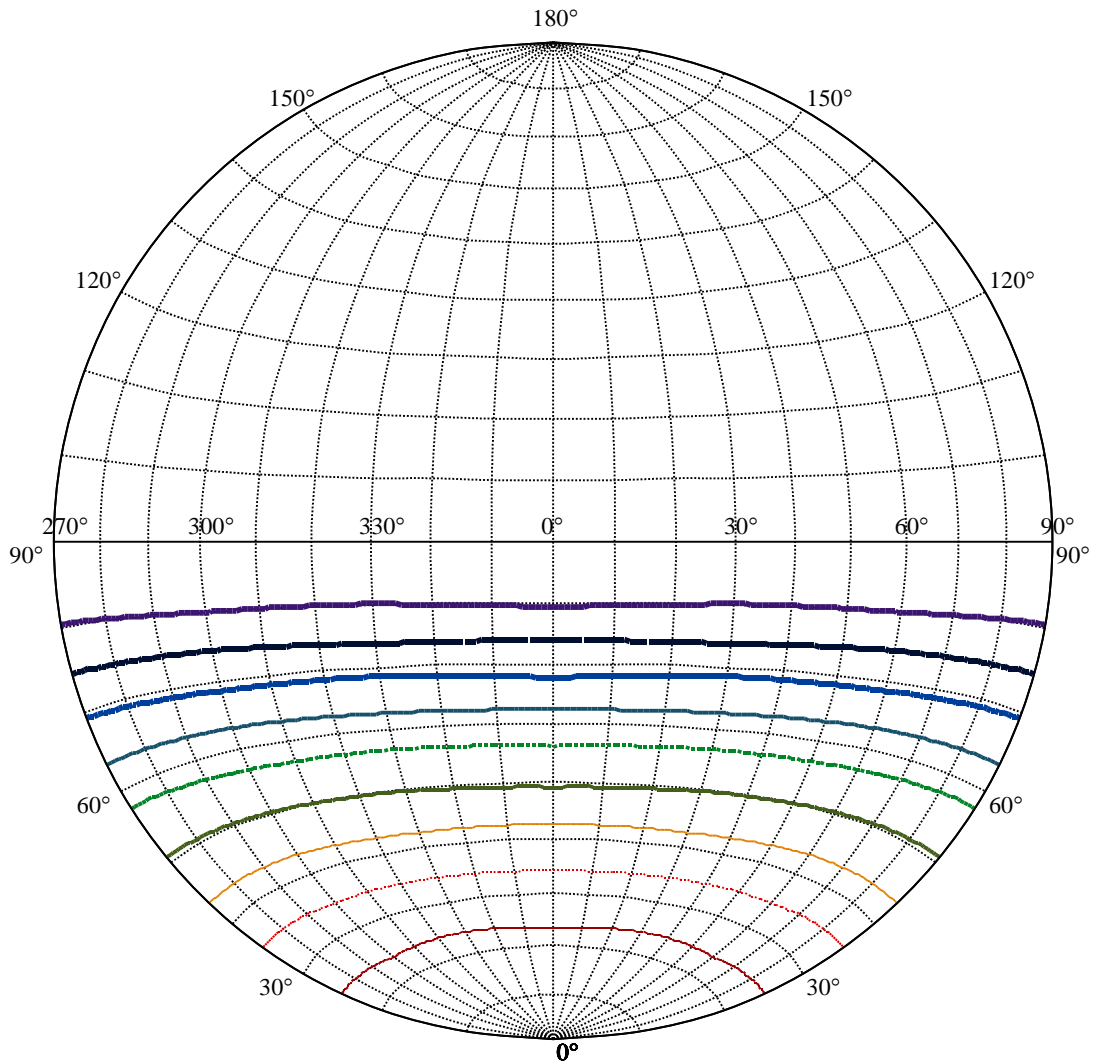
0-10	9.164
10-20	26.298
20-30	40.062
30-40	48.537
40-50	50.448
50-60	45.923
60-70	35.028
70-80	19.142
80-90	4.955
90-100	.344
100-110	.000
110-120	.000
120-130	.000
130-140	.000
140-150	.000
150-160	.000
160-170	.000
170-180	.000



C30(Max): ————  
C0/C180: .....  
C90/C270: -.-.-.-







House

Road

<b>I<sub>max</sub>:97.31 cd</b>	
(10% I <sub>max</sub> ) 9.7312	
(20% I <sub>max</sub> ) 19.4624	
(30% I <sub>max</sub> ) 29.1936	
(40% I <sub>max</sub> ) 38.9248	
(50% I <sub>max</sub> ) 48.656	
(60% I <sub>max</sub> ) 58.3872	
(70% I <sub>max</sub> ) 68.1184	
(80% I <sub>max</sub> ) 77.8496	
(90% I <sub>max</sub> ) 87.5808	

## Intensity data(cd)

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	96.18	96.43	94.35	92.78	90.26	86.49	82.71	77.04	72.20
30.0	97.31	95.96	95.49	92.78	90.99	86.99	81.58	77.45	72.17
60.0	96.93	96.56	95.24	93.28	90.58	86.77	83.12	77.55	72.01
90.0	97.19	96.75	95.42	92.72	91.08	87.62	82.14	78.55	72.20
120.0	96.93	96.56	95.24	93.28	90.58	86.77	83.12	77.55	72.01
150.0	97.31	95.96	95.49	92.78	90.99	86.99	81.58	77.45	72.17
180.0	96.18	96.43	94.35	92.78	90.26	86.49	82.71	77.04	72.20
210.0	97.31	95.96	95.49	92.78	90.99	86.99	81.58	77.45	72.17
240.0	96.93	96.56	95.24	93.28	90.58	86.77	83.12	77.55	72.01
270.0	97.19	96.75	95.42	92.72	91.08	87.62	82.14	78.55	72.20
300.0	96.93	96.56	95.24	93.28	90.58	86.77	83.12	77.55	72.01
330.0	97.31	95.96	95.49	92.78	90.99	86.99	81.58	77.45	72.17
360.0	96.18	96.43	94.35	92.78	90.26	86.49	82.71	77.04	72.20

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	64.71	57.28	50.36	43.24	34.12	24.99	17.88	8.50	3.71
30.0	64.36	58.00	51.52	43.21	35.28	26.97	17.34	9.98	3.71
60.0	66.12	58.73	51.68	43.62	36.38	26.63	18.63	9.73	4.06
90.0	66.47	59.23	52.94	44.94	36.07	27.95	18.76	10.26	4.47
120.0	66.12	58.73	51.68	43.62	36.38	26.63	18.63	9.73	4.06
150.0	64.36	58.00	51.52	43.21	35.28	26.97	17.34	9.98	3.71
180.0	64.71	57.28	50.36	43.24	34.12	24.99	17.88	8.50	3.71
210.0	64.36	58.00	51.52	43.21	35.28	26.97	17.34	9.98	3.71
240.0	66.12	58.73	51.68	43.62	36.38	26.63	18.63	9.73	4.06
270.0	66.47	59.23	52.94	44.94	36.07	27.95	18.76	10.26	4.47
300.0	66.12	58.73	51.68	43.62	36.38	26.63	18.63	9.73	4.06
330.0	64.36	58.00	51.52	43.21	35.28	26.97	17.34	9.98	3.71
360.0	64.71	57.28	50.36	43.24	34.12	24.99	17.88	8.50	3.71

C/γ(°)	90.0	95.0	100.0	105.0
0.0	-0.88	-0.13	0.25	0.50
30.0	0.98	0.63	0.44	0.28
60.0	0.91	0.03	0.38	0.50
90.0	0.69	-0.13	-0.06	0.57
120.0	0.91	0.03	0.38	0.50
150.0	0.98	0.63	0.44	0.28
180.0	-0.88	-0.13	0.25	0.50
210.0	0.98	0.63	0.44	0.28
240.0	0.91	0.03	0.38	0.50
270.0	0.69	-0.13	-0.06	0.57
300.0	0.91	0.03	0.38	0.50
330.0	0.98	0.63	0.44	0.28
360.0	-0.88	-0.13	0.25	0.50