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DL-FLEX-UP-30

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LumCAT: DL-FLEX-UP-30

Report No:

Test No:

LampCAT:

Lamp flux(lm): -1.0

Number of Lamps:0

Length(mm): 0

Phm Type:C

Luminaire:

Voltage(V): 24.000

Current(A): 0.056

Power (W): 1.332

PF:1.000

Ballast type:

Width(mm): 0

Height(mm): 0

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Photometric Results

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Lumens(lm): 109.00

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 81.83

Central intensity(cd): 37.599

Maximum intensity(cd): 37.599

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [V]Left=52.5 Right=62.5

[H]Left=56.9 Right=56.9

Field angle(10%Imax): [V]Left=74.7 Right=84.7

[H]Left=81.7 Right=81.7

Beam angle of C0plane:114.17

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Equipment:  
Temperature(°C): -1.0

Date:  
Humidity(%): -1.0%

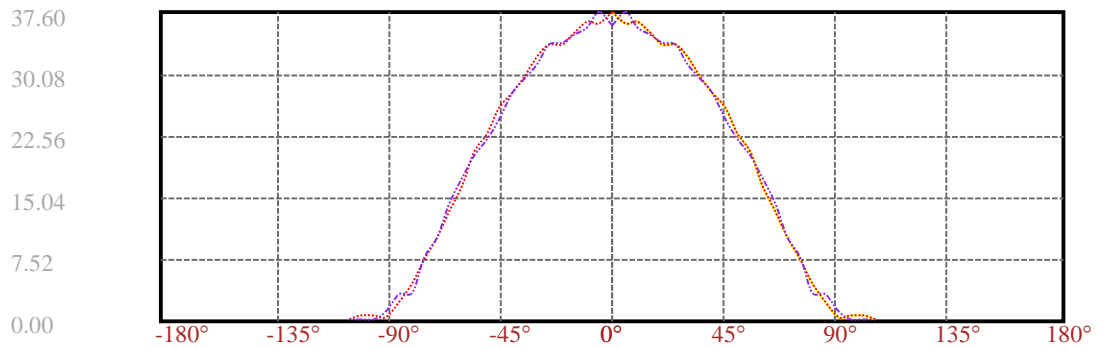
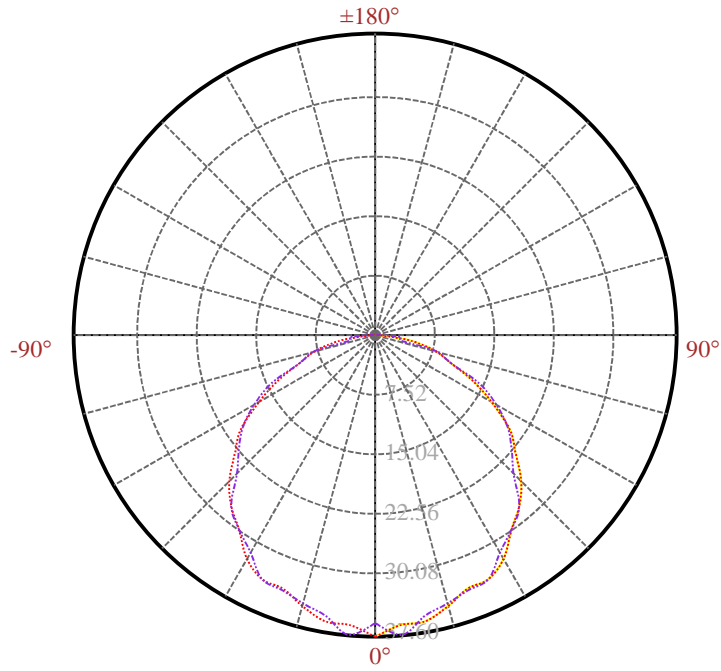
Operator:  
Distance(m): 1.00

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	36.698	.000	.000	.000%	.000%
5.0	36.852	.879	.879	.000%	.000%
10.0	36.149	2.611	3.491	.000%	.000%
15.0	35.379	4.243	7.734	.000%	.000%
20.0	34.499	5.759	13.493	.000%	.000%
25.0	33.466	7.128	20.621	.000%	.000%
30.0	31.982	8.282	28.903	.000%	.000%
35.0	29.453	9.047	37.950	.000%	.000%
40.0	27.628	9.523	47.474	.000%	.000%
45.0	25.418	9.822	57.295	.000%	.000%
50.0	22.703	9.723	67.019	.000%	.000%
55.0	20.053	9.297	76.315	.000%	.000%
60.0	16.953	8.554	84.869	.000%	.000%
65.0	13.468	7.395	92.265	.000%	.000%
70.0	10.609	6.096	98.361	.000%	.000%
75.0	7.289	4.678	103.040	.000%	.000%
80.0	4.046	3.033	106.072	.000%	.000%
85.0	2.232	1.706	107.778	.000%	.000%
90.0	.275	.686	108.465	.000%	.000%
95.0	.440	.196	108.660	.000%	.000%
100.0	.352	.215	108.875	.000%	.000%
105.0	.110	.124	108.999	.000%	.000%

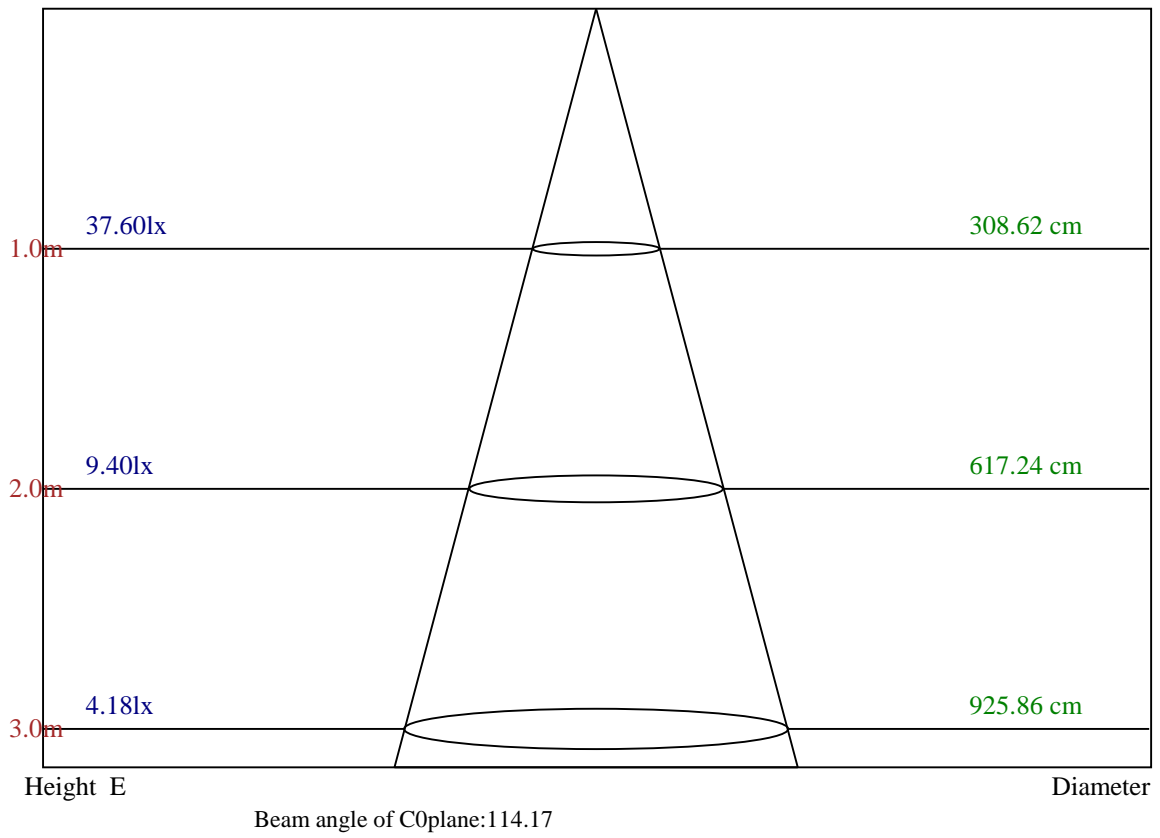
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	28.903	N.A.	26.517%
0-40	47.474	N.A.	43.554%
0-60	84.869	N.A.	77.863%
0-90	108.465	N.A.	99.510%
90-120	.411	N.A.	.377%
90-130	.411	N.A.	.377%
90-150	.411	N.A.	.377%
90-180	.411	N.A.	.377%
0-180	108.999	N.A.	100.000%

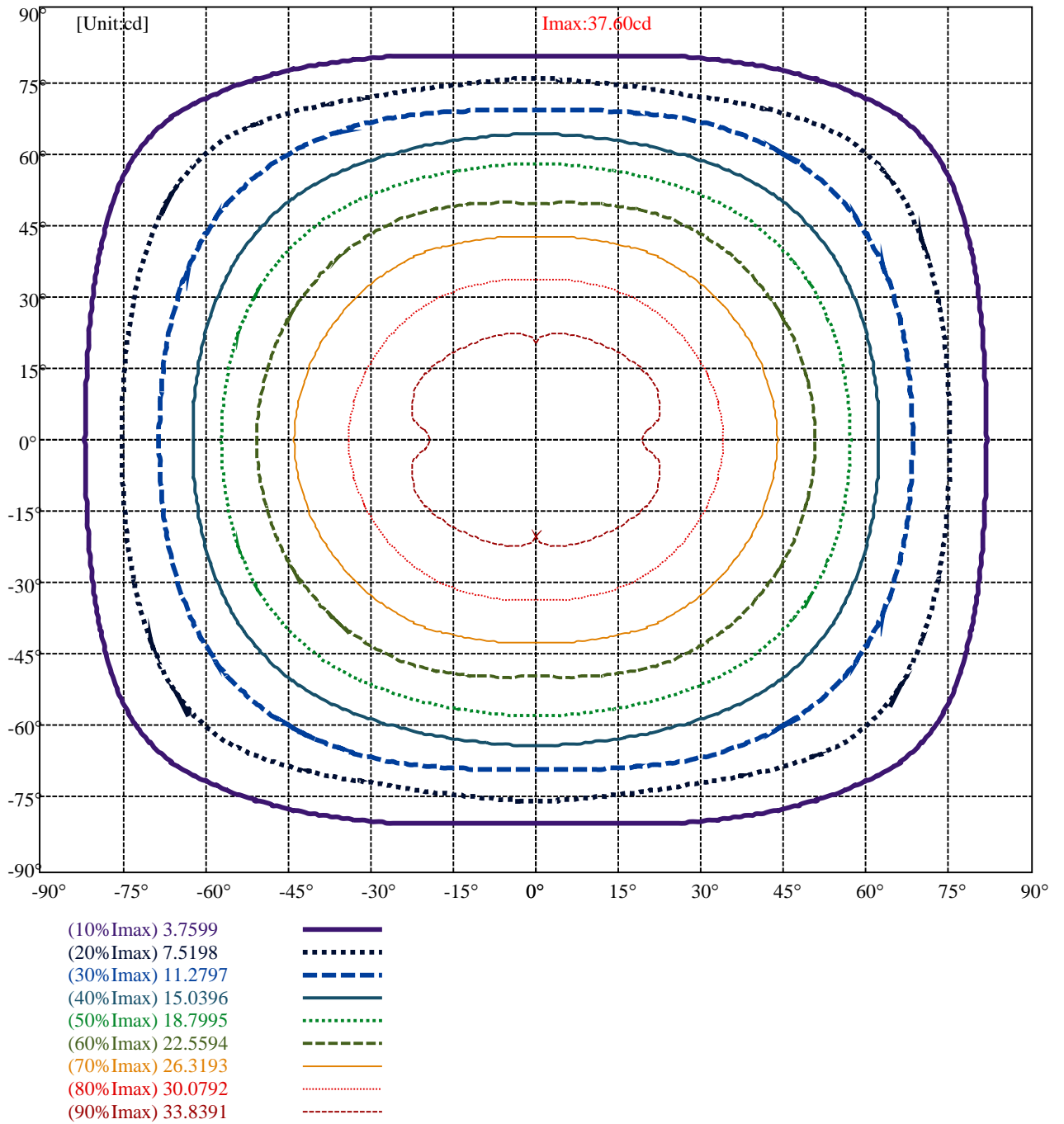
## ZONAL LUMEN SUMMARY

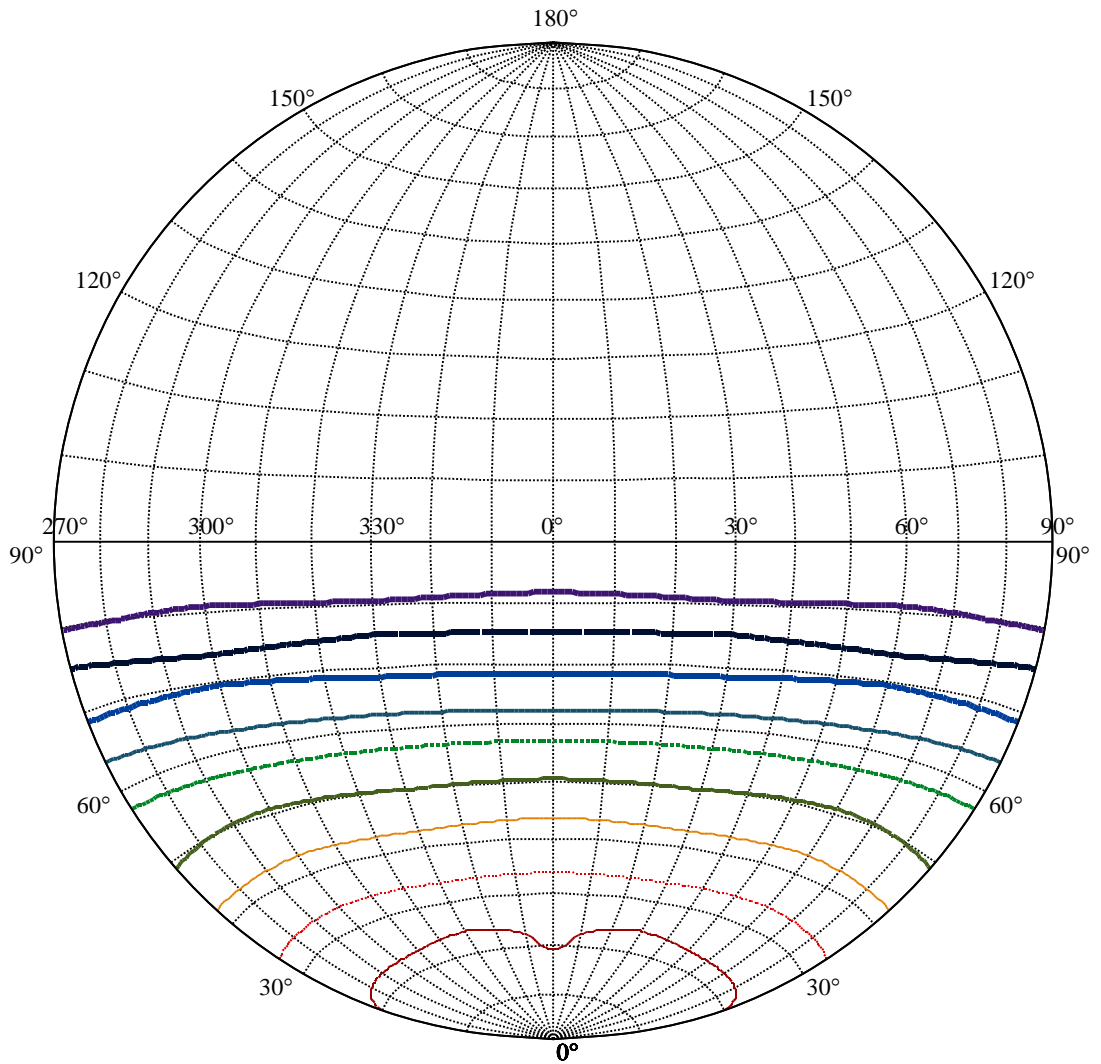
0-10	3.491
10-20	10.002
20-30	15.411
30-40	18.570
40-50	19.545
50-60	17.850
60-70	13.492
70-80	7.711
80-90	2.392
90-100	.411
100-110	.000
110-120	.000
120-130	.000
130-140	.000
140-150	.000
150-160	.000
160-170	.000
170-180	.000



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







House

Road

<b>Imax:37.60cd</b>	
(10% Imax) 3.7599	
(20% Imax) 7.5198	
(30% Imax) 11.2797	
(40% Imax) 15.0396	
(50% Imax) 18.7995	
(60% Imax) 22.5594	
(70% Imax) 26.3193	
(80% Imax) 30.0792	
(90% Imax) 33.8391	

## Intensity data(cd)

C/ $\gamma$ ( $^{\circ}$ )	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	37.60	36.28	36.35	34.96	33.64	33.58	32.19	29.55	27.90
30.0	36.41	36.74	36.71	35.42	34.83	33.71	31.86	29.35	27.44
60.0	36.94	36.87	35.75	35.89	34.93	33.08	32.39	29.49	27.57
90.0	35.89	37.60	35.62	34.70	33.84	33.64	31.20	29.49	27.84
120.0	36.94	36.87	35.75	35.89	34.93	33.08	32.39	29.49	27.57
150.0	36.41	36.74	36.71	35.42	34.83	33.71	31.86	29.35	27.44
180.0	37.60	36.28	36.35	34.96	33.64	33.58	32.19	29.55	27.90
210.0	36.41	36.74	36.71	35.42	34.83	33.71	31.86	29.35	27.44
240.0	36.94	36.87	35.75	35.89	34.93	33.08	32.39	29.49	27.57
270.0	35.89	37.60	35.62	34.70	33.84	33.64	31.20	29.49	27.84
300.0	36.94	36.87	35.75	35.89	34.93	33.08	32.39	29.49	27.57
330.0	36.41	36.74	36.71	35.42	34.83	33.71	31.86	29.35	27.44
360.0	37.60	36.28	36.35	34.96	33.64	33.58	32.19	29.55	27.90
C/ $\gamma$ ( $^{\circ}$ )	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	25.86	22.89	20.45	16.49	13.26	10.29	7.59	4.62	2.24
30.0	25.46	22.56	19.89	16.99	13.06	10.52	7.75	3.99	1.88
60.0	25.59	23.05	19.96	16.92	13.62	11.05	6.47	4.09	2.11
90.0	24.54	22.10	20.19	17.41	14.18	10.22	7.72	3.50	3.17
120.0	25.59	23.05	19.96	16.92	13.62	11.05	6.47	4.09	2.11
150.0	25.46	22.56	19.89	16.99	13.06	10.52	7.75	3.99	1.88
180.0	25.86	22.89	20.45	16.49	13.26	10.29	7.59	4.62	2.24
210.0	25.46	22.56	19.89	16.99	13.06	10.52	7.75	3.99	1.88
240.0	25.59	23.05	19.96	16.92	13.62	11.05	6.47	4.09	2.11
270.0	24.54	22.10	20.19	17.41	14.18	10.22	7.72	3.50	3.17
300.0	25.59	23.05	19.96	16.92	13.62	11.05	6.47	4.09	2.11
330.0	25.46	22.56	19.89	16.99	13.06	10.52	7.75	3.99	1.88
360.0	25.86	22.89	20.45	16.49	13.26	10.29	7.59	4.62	2.24
C/ $\gamma$ ( $^{\circ}$ )	90.0	95.0	100.0	105.0					
0.0	0.53	0.66	0.59	0.20					
30.0	0.20	0.50	0.20	-0.07					
60.0	-0.17	0.40	0.40	0.17					
90.0	1.06	0.20	0.33	0.26					
120.0	-0.17	0.40	0.40	0.17					
150.0	0.20	0.50	0.20	-0.07					
180.0	0.53	0.66	0.59	0.20					
210.0	0.20	0.50	0.20	-0.07					
240.0	-0.17	0.40	0.40	0.17					
270.0	1.06	0.20	0.33	0.26					
300.0	-0.17	0.40	0.40	0.17					
330.0	0.20	0.50	0.20	-0.07					
360.0	0.53	0.66	0.59	0.20					