
DL-FLEX-UP-ULTRA-60

LumCAT: DL-FLEX-UP-ULTRA-60

Report No:

Test No:

LampCAT:

Lamp flux(lm): -1.0

Number of Lamps:0

Length(mm): 0

Phm Type:C

Luminaire:

Voltage(V): 24.002

Current(A): 0.174

Power (W): 4.163

PF:1.000

Ballast type:

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 342.56

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 82.29

Central intensity(cd): 114.810

Maximum intensity(cd): 116.195

Angle of maximum intensity: C=30.0 γ =0.0

Beam Angle(50%Imax): [V]Left=58.4 Right=58.4

[H]Left=57.1 Right=57.1

Field angle(10%Imax): [V]Left=81.1 Right=81.1

[H]Left=80.1 Right=80.1

Beam angle of C30plane:115.39

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

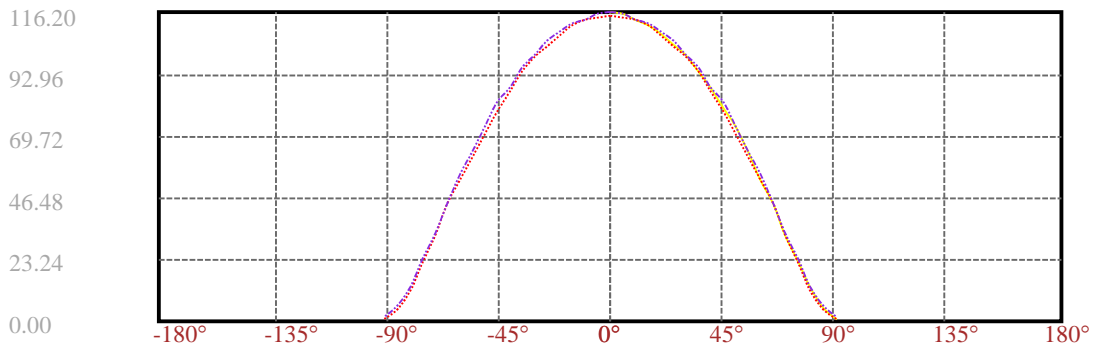
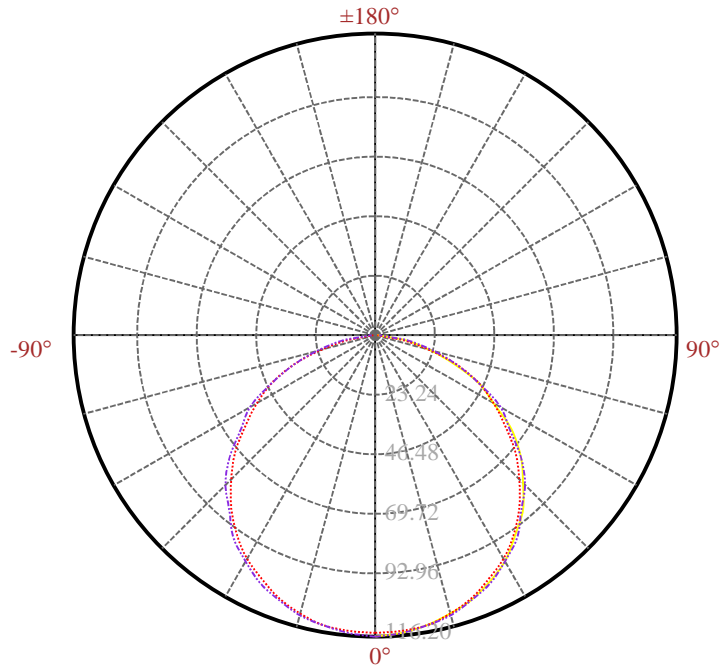
Operator:
Distance(m): 1.00

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	115.817	.000	.000	.000%	.000%
5.0	114.999	2.759	2.759	.000%	.000%
10.0	113.520	8.175	10.934	.000%	.000%
15.0	111.537	13.350	24.284	.000%	.000%
20.0	108.663	18.148	42.432	.000%	.000%
25.0	104.813	22.390	64.822	.000%	.000%
30.0	100.050	25.926	90.747	.000%	.000%
35.0	94.438	28.640	119.387	.000%	.000%
40.0	87.996	30.438	149.824	.000%	.000%
45.0	80.579	31.213	181.038	.000%	.000%
50.0	72.575	30.947	211.984	.000%	.000%
55.0	63.731	29.637	241.622	.000%	.000%
60.0	54.048	27.224	268.846	.000%	.000%
65.0	44.124	23.866	292.712	.000%	.000%
70.0	32.637	19.436	312.148	.000%	.000%
75.0	22.545	14.423	326.572	.000%	.000%
80.0	12.557	9.392	335.964	.000%	.000%
85.0	5.308	4.854	340.818	.000%	.000%
90.0	1.039	1.738	342.556	.000%	.000%

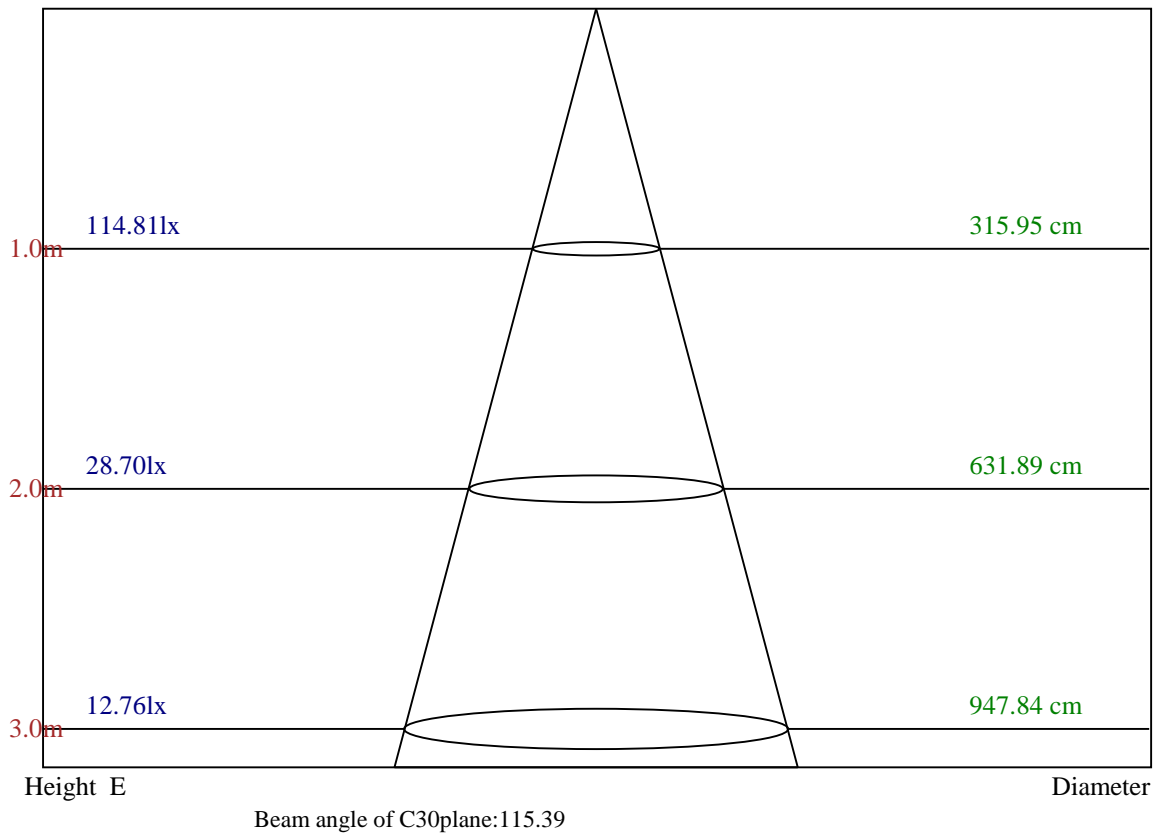
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	90.747	N.A.	26.491%
0-40	149.824	N.A.	43.737%
0-60	268.846	N.A.	78.482%
0-90	340.818	N.A.	99.493%
90-120	.000	N.A.	.000%
90-130	.000	N.A.	.000%
90-150	.000	N.A.	.000%
90-180	.000	N.A.	.000%
0-180	342.556	N.A.	100.000%

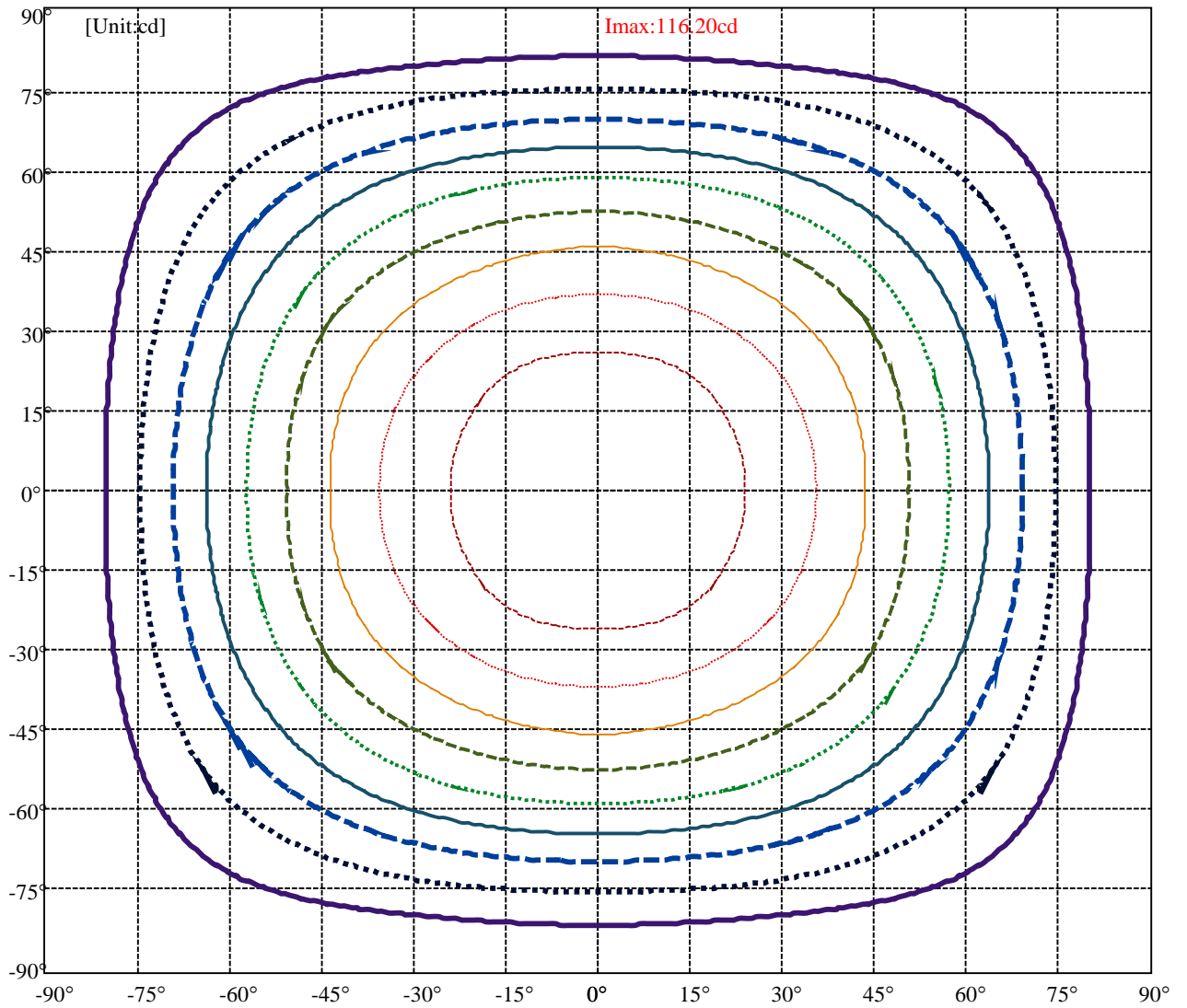
ZONAL LUMEN SUMMARY

0-10	10.934
10-20	31.498
20-30	48.315
30-40	59.077
40-50	62.160
50-60	56.862
60-70	43.302
70-80	23.816
80-90	4.854
90-100	.000
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: - - - - -



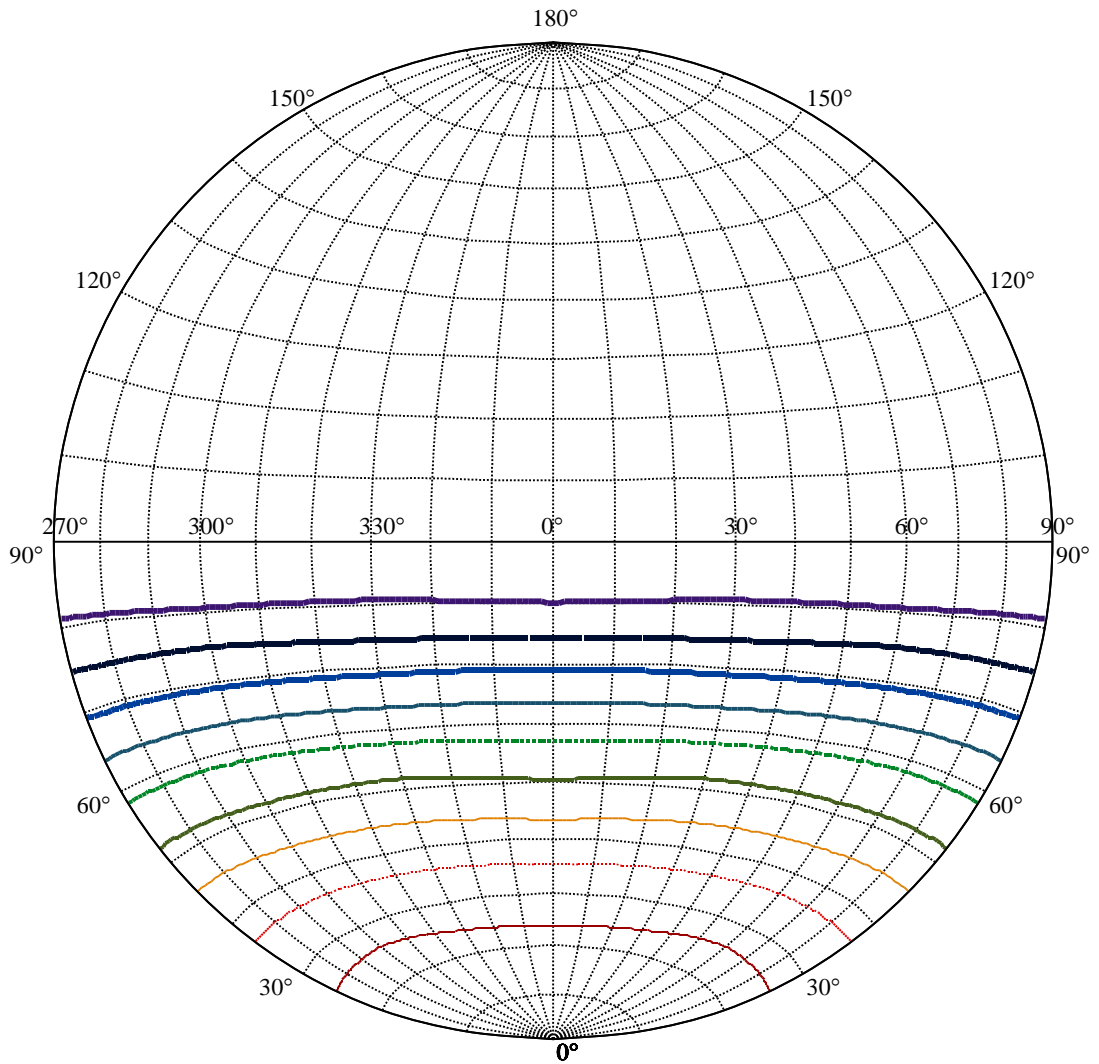


- (10% I_{max}) 11.6069
- (20% I_{max}) 23.2138
- (30% I_{max}) 34.8207
- (40% I_{max}) 46.4276
- (50% I_{max}) 58.0345
- (60% I_{max}) 69.6414
- (70% I_{max}) 81.2483
- (80% I_{max}) 92.8552
- (90% I_{max}) 104.462

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00



House

Road

	Imax:116.20cd	
(10% Imax)	11.6195	
(20% Imax)	23.239	
(30% Imax)	34.8585	
(40% Imax)	46.478	
(50% Imax)	58.0975	
(60% Imax)	69.717	
(70% Imax)	81.3365	
(80% Imax)	92.956	
(90% Imax)	104.576	

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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	114.81	114.06	113.24	111.29	107.76	103.54	99.39	93.54	86.74
30.0	116.20	115.28	113.14	110.97	108.30	104.24	100.18	94.17	88.22
60.0	115.82	115.06	114.02	112.07	109.33	105.75	100.27	94.79	88.37
90.0	116.07	115.25	113.55	111.85	108.96	105.37	100.02	95.17	88.06
120.0	115.82	115.06	114.02	112.07	109.33	105.75	100.27	94.79	88.37
150.0	116.20	115.28	113.14	110.97	108.30	104.24	100.18	94.17	88.22
180.0	114.81	114.06	113.24	111.29	107.76	103.54	99.39	93.54	86.74
210.0	116.20	115.28	113.14	110.97	108.30	104.24	100.18	94.17	88.22
240.0	115.82	115.06	114.02	112.07	109.33	105.75	100.27	94.79	88.37
270.0	116.07	115.25	113.55	111.85	108.96	105.37	100.02	95.17	88.06
300.0	115.82	115.06	114.02	112.07	109.33	105.75	100.27	94.79	88.37
330.0	116.20	115.28	113.14	110.97	108.30	104.24	100.18	94.17	88.22
360.0	114.81	114.06	113.24	111.29	107.76	103.54	99.39	93.54	86.74

C/ γ (°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	78.87	70.44	61.50	53.13	43.87	32.73	21.97	11.71	4.28
30.0	80.44	73.42	63.76	53.25	43.78	32.20	22.06	12.81	5.19
60.0	80.79	72.13	64.96	54.64	44.57	32.89	23.20	12.43	5.60
90.0	82.14	73.90	63.45	55.39	44.19	32.92	22.79	13.16	5.98
120.0	80.79	72.13	64.96	54.64	44.57	32.89	23.20	12.43	5.60
150.0	80.44	73.42	63.76	53.25	43.78	32.20	22.06	12.81	5.19
180.0	78.87	70.44	61.50	53.13	43.87	32.73	21.97	11.71	4.28
210.0	80.44	73.42	63.76	53.25	43.78	32.20	22.06	12.81	5.19
240.0	80.79	72.13	64.96	54.64	44.57	32.89	23.20	12.43	5.60
270.0	82.14	73.90	63.45	55.39	44.19	32.92	22.79	13.16	5.98
300.0	80.79	72.13	64.96	54.64	44.57	32.89	23.20	12.43	5.60
330.0	80.44	73.42	63.76	53.25	43.78	32.20	22.06	12.81	5.19
360.0	78.87	70.44	61.50	53.13	43.87	32.73	21.97	11.71	4.28

C/ γ (°)	90.0
0.0	0.38
30.0	0.98
60.0	1.26
90.0	1.39
120.0	1.26
150.0	0.98
180.0	0.38
210.0	0.98
240.0	1.26
270.0	1.39
300.0	1.26
330.0	0.98
360.0	0.38

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00