
DL-FLEX-UP-ULTRA-40

LumCAT: DL-FLEX-UP-ULTRA-40

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): 4.167

PF:1.000

Ballast type:

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 330.01

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 79.20

Central intensity(cd): 110.604

Maximum intensity(cd): 111.938

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%

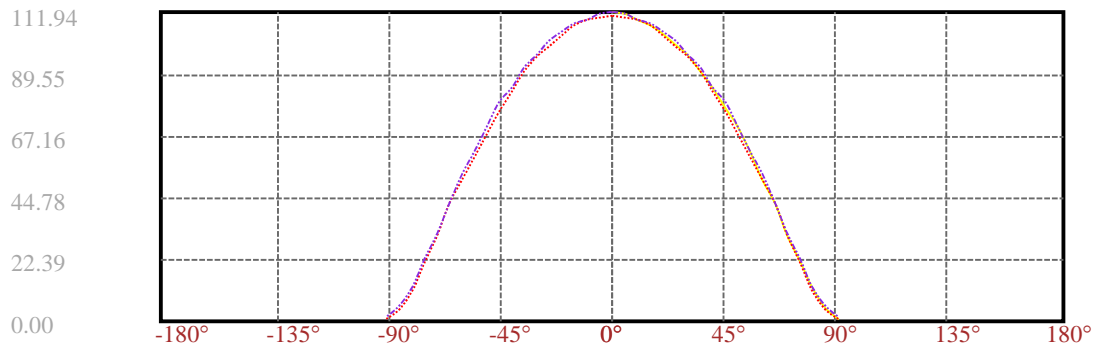
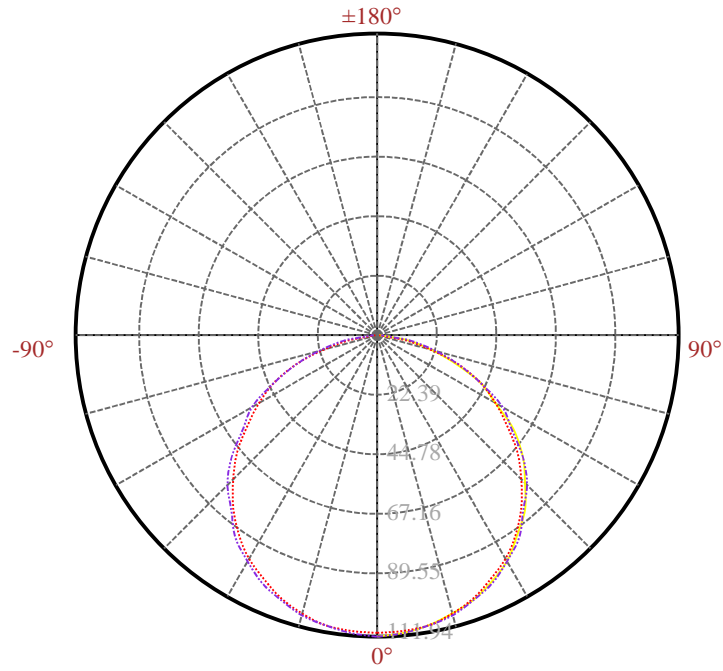
Operator:
Distance(m): 1.00

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	111.574	.000	.000	.000%	.000%
5.0	110.786	2.658	2.658	.000%	.000%
10.0	109.361	7.875	10.534	.000%	.000%
15.0	107.451	12.861	23.395	.000%	.000%
20.0	104.682	17.483	40.877	.000%	.000%
25.0	100.973	21.569	62.447	.000%	.000%
30.0	96.384	24.976	87.422	.000%	.000%
35.0	90.978	27.590	115.013	.000%	.000%
40.0	84.772	29.322	144.335	.000%	.000%
45.0	77.627	30.069	174.405	.000%	.000%
50.0	69.916	29.813	204.218	.000%	.000%
55.0	61.396	28.551	232.769	.000%	.000%
60.0	52.068	26.227	258.996	.000%	.000%
65.0	42.508	22.992	281.988	.000%	.000%
70.0	31.441	18.724	300.712	.000%	.000%
75.0	21.719	13.895	314.607	.000%	.000%
80.0	12.097	9.048	323.655	.000%	.000%
85.0	5.114	4.677	328.332	.000%	.000%
90.0	1.001	1.674	330.006	.000%	.000%

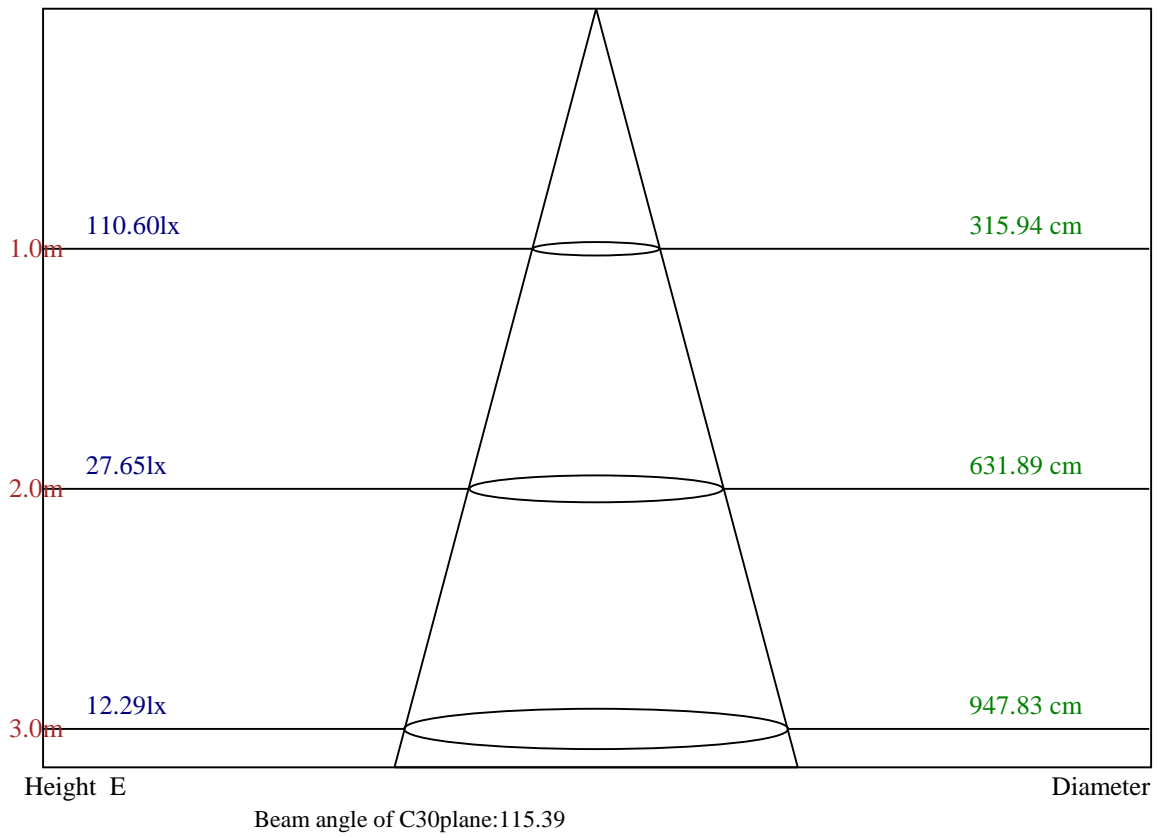
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	87.422	N.A.	26.491%
0-40	144.335	N.A.	43.737%
0-60	258.996	N.A.	78.482%
0-90	328.332	N.A.	99.493%
90-120	.000	N.A.	.000%
90-130	.000	N.A.	.000%
90-150	.000	N.A.	.000%
90-180	.000	N.A.	.000%
0-180	330.006	N.A.	100.000%

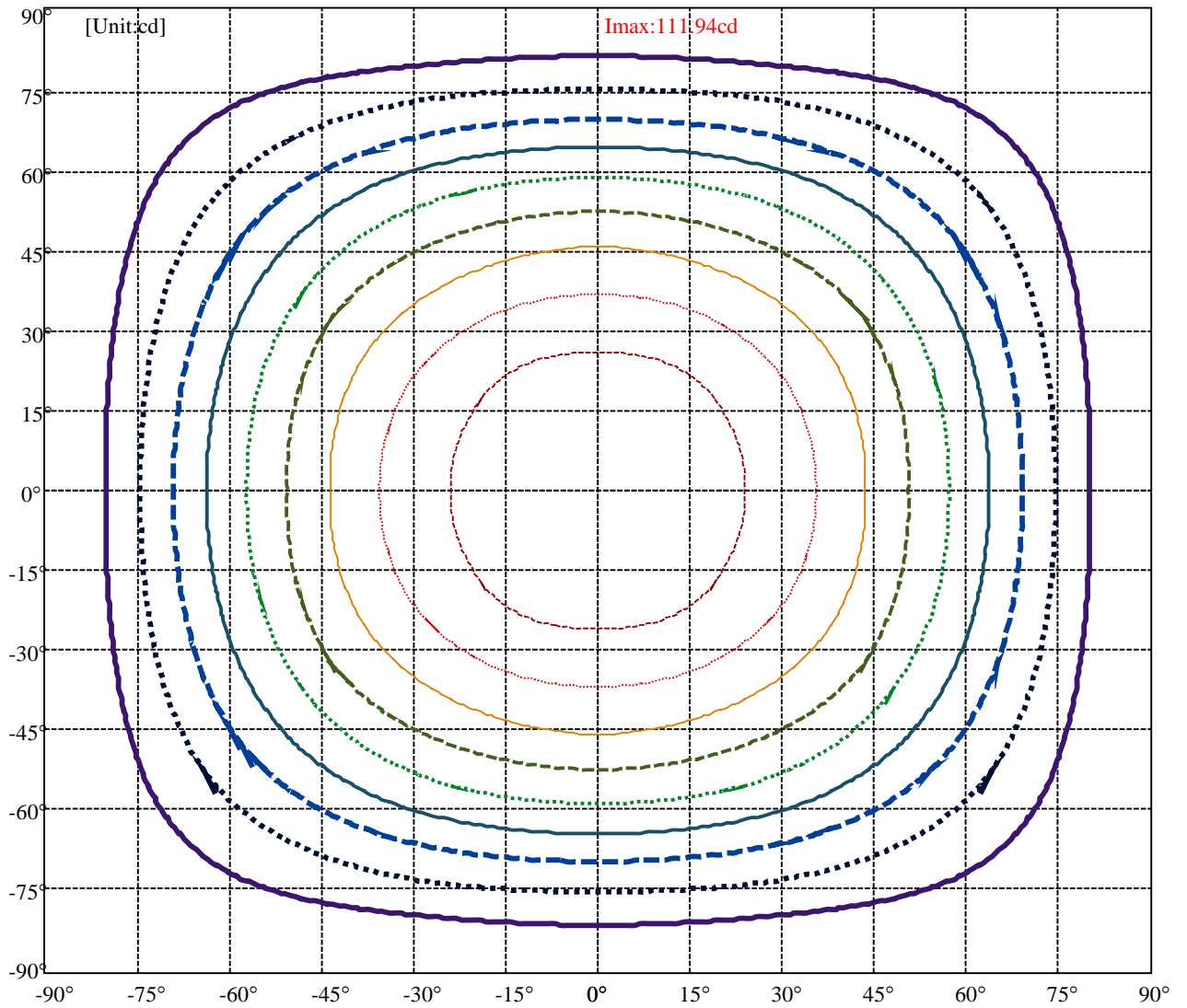
ZONAL LUMEN SUMMARY

0-10	10.534
10-20	30.344
20-30	46.545
30-40	56.913
40-50	59.883
50-60	54.778
60-70	41.716
70-80	22.943
80-90	4.677
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: - - - - -



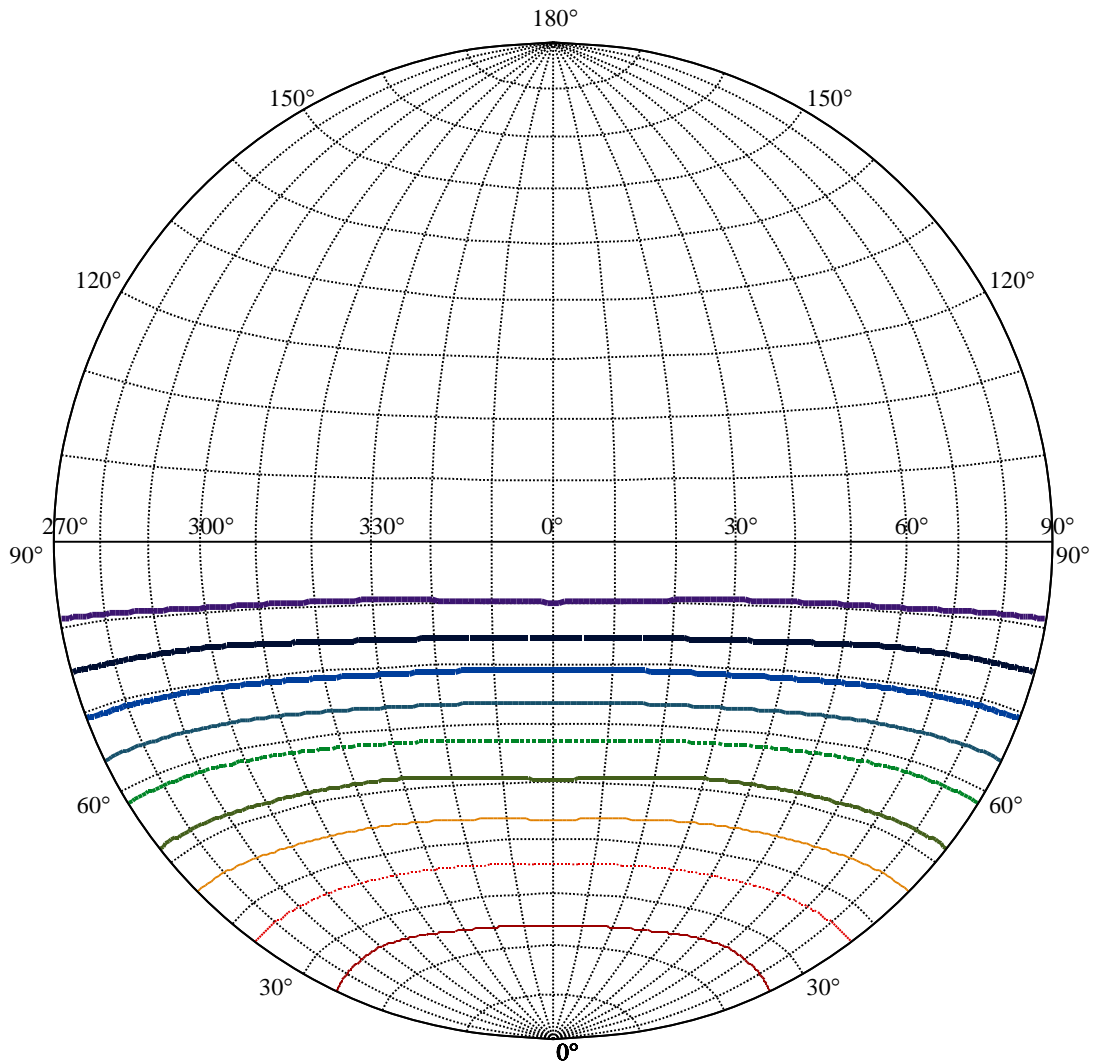


- (10% Imax) 11.1817
- (20% Imax) 22.3634
- (30% Imax) 33.5451
- (40% Imax) 44.7268
- (50% Imax) 55.9085
- (60% Imax) 67.0902
- (70% Imax) 78.2719
- (80% Imax) 89.4536
- (90% Imax) 100.635

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00



House

Road

Imax:111.94cd	
(10% Imax) 11.1938	
(20% Imax) 22.3876	
(30% Imax) 33.5814	
(40% Imax) 44.7752	
(50% Imax) 55.969	
(60% Imax) 67.1628	
(70% Imax) 78.3566	
(80% Imax) 89.5504	
(90% Imax) 100.744	

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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	110.60	109.88	109.09	107.21	103.81	99.75	95.75	90.11	83.56
30.0	111.94	111.06	109.00	106.91	104.33	100.42	96.51	90.72	84.98
60.0	111.57	110.85	109.85	107.97	105.33	101.87	96.60	91.32	85.14
90.0	111.82	111.03	109.39	107.75	104.96	101.51	96.35	91.69	84.83
120.0	111.57	110.85	109.85	107.97	105.33	101.87	96.60	91.32	85.14
150.0	111.94	111.06	109.00	106.91	104.33	100.42	96.51	90.72	84.98
180.0	110.60	109.88	109.09	107.21	103.81	99.75	95.75	90.11	83.56
210.0	111.94	111.06	109.00	106.91	104.33	100.42	96.51	90.72	84.98
240.0	111.57	110.85	109.85	107.97	105.33	101.87	96.60	91.32	85.14
270.0	111.82	111.03	109.39	107.75	104.96	101.51	96.35	91.69	84.83
300.0	111.57	110.85	109.85	107.97	105.33	101.87	96.60	91.32	85.14
330.0	111.94	111.06	109.00	106.91	104.33	100.42	96.51	90.72	84.98
360.0	110.60	109.88	109.09	107.21	103.81	99.75	95.75	90.11	83.56

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	75.98	67.85	59.24	51.18	42.27	31.53	21.16	11.28	4.12
30.0	77.50	70.73	61.43	51.30	42.17	31.02	21.25	12.34	5.00
60.0	77.83	69.49	62.58	52.63	42.93	31.68	22.35	11.98	5.40
90.0	79.13	71.19	61.12	53.36	42.57	31.71	21.95	12.67	5.76
120.0	77.83	69.49	62.58	52.63	42.93	31.68	22.35	11.98	5.40
150.0	77.50	70.73	61.43	51.30	42.17	31.02	21.25	12.34	5.00
180.0	75.98	67.85	59.24	51.18	42.27	31.53	21.16	11.28	4.12
210.0	77.50	70.73	61.43	51.30	42.17	31.02	21.25	12.34	5.00
240.0	77.83	69.49	62.58	52.63	42.93	31.68	22.35	11.98	5.40
270.0	79.13	71.19	61.12	53.36	42.57	31.71	21.95	12.67	5.76
300.0	77.83	69.49	62.58	52.63	42.93	31.68	22.35	11.98	5.40
330.0	77.50	70.73	61.43	51.30	42.17	31.02	21.25	12.34	5.00
360.0	75.98	67.85	59.24	51.18	42.27	31.53	21.16	11.28	4.12

C/γ(°)	90.0
0.0	0.36
30.0	0.94
60.0	1.21
90.0	1.33
120.0	1.21
150.0	0.94
180.0	0.36
210.0	0.94
240.0	1.21
270.0	1.33
300.0	1.21
330.0	0.94
360.0	0.36