
DL-FLEX-UP-ULTRA-30

LumCAT: DL-FLEX-UP-ULTRA-30	Luminaire:
Report No:	Voltage(V): 24.009
Test No:	Current(A): 0.172
LampCAT:	Power (W): 4.118
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

Photometric Results

Lumens(lm): 320.00
Efficiency(%): 0.00%
Lumens(lm)/Power(W): 77.71
Central intensity(cd): 110.931
Maximum intensity(cd): 111.632
Angle of maximum intensity: C=60.0 γ =0.0
Beam Angle(50% lmax): [V]Left=56.7 Right=56.7
 [H]Left=56.2 Right=56.2
Field angle(10% lmax): [V]Left=81.3 Right=81.3
 [H]Left=80.2 Right=80.2
Beam angle of C60plane:113.74

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00

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Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	111.001	.000	.000	.000%	.000%
5.0	109.774	2.639	2.639	.000%	.000%
10.0	108.956	7.825	10.464	.000%	.000%
15.0	106.490	12.780	23.244	.000%	.000%
20.0	103.744	17.326	40.570	.000%	.000%
25.0	99.688	21.336	61.906	.000%	.000%
30.0	94.756	24.607	86.514	.000%	.000%
35.0	88.702	27.016	113.529	.000%	.000%
40.0	81.772	28.442	141.972	.000%	.000%
45.0	74.865	29.003	170.974	.000%	.000%
50.0	67.129	28.692	199.666	.000%	.000%
55.0	58.738	27.368	227.034	.000%	.000%
60.0	49.518	25.023	252.057	.000%	.000%
65.0	39.840	21.723	273.780	.000%	.000%
70.0	30.456	17.799	291.579	.000%	.000%
75.0	20.802	13.398	304.977	.000%	.000%
80.0	11.967	8.768	313.745	.000%	.000%
85.0	5.049	4.624	318.369	.000%	.000%
90.0	.900	1.629	319.998	.000%	.000%

Equipment:
Temperature($^{\circ}$ C): -1.0

Date:
Humidity(%): -1.0%

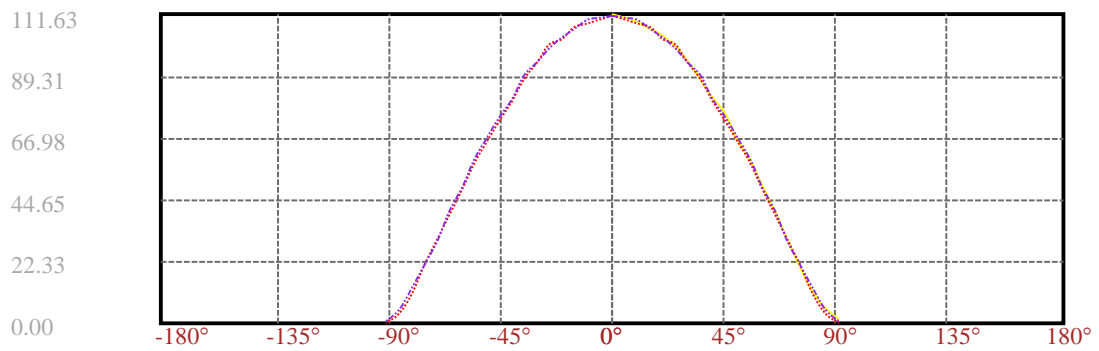
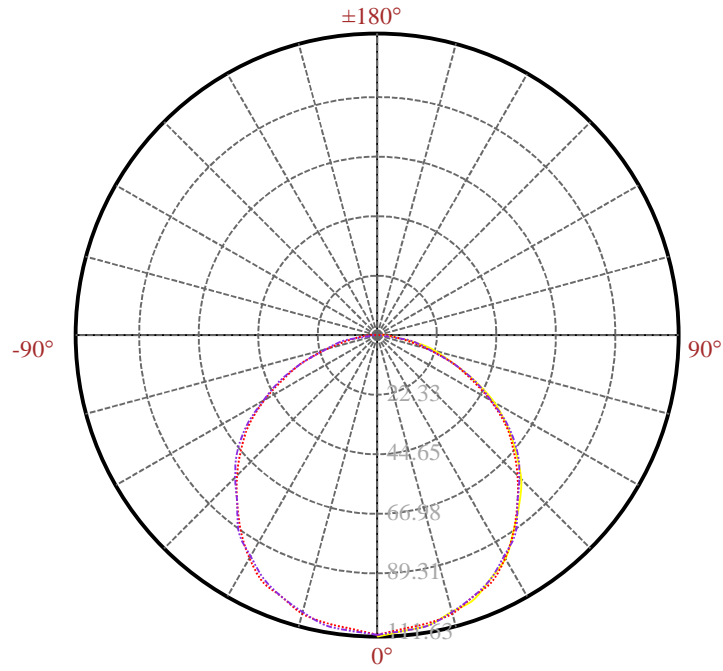
Operator:
Distance(m): 1.00

ZONAL LUMEN SUMMARY

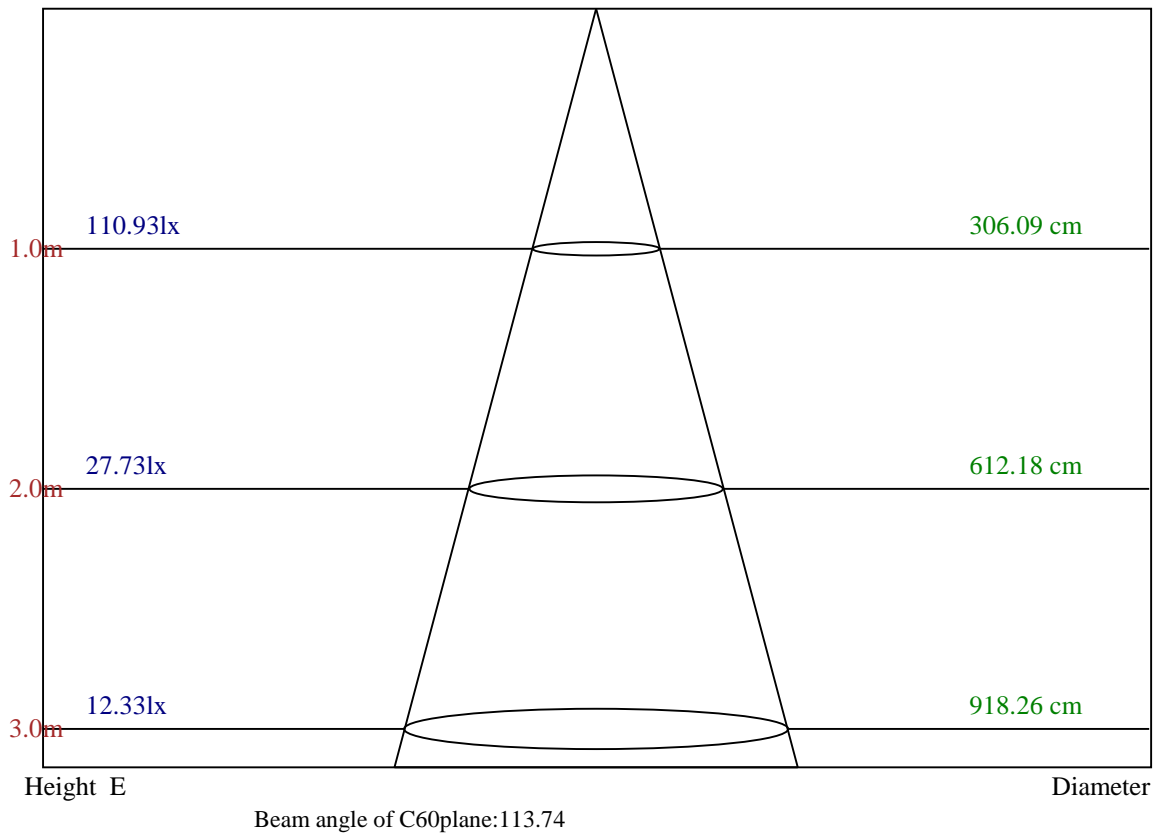
Zone	Lumens	%Lamp	%Fixt
0-30	86.514	N.A.	27.036%
0-40	141.972	N.A.	44.366%
0-60	252.057	N.A.	78.768%
0-90	318.369	N.A.	99.491%
90-120	.000	N.A.	.000%
90-130	.000	N.A.	.000%
90-150	.000	N.A.	.000%
90-180	.000	N.A.	.000%
0-180	319.998	N.A.	100.000%

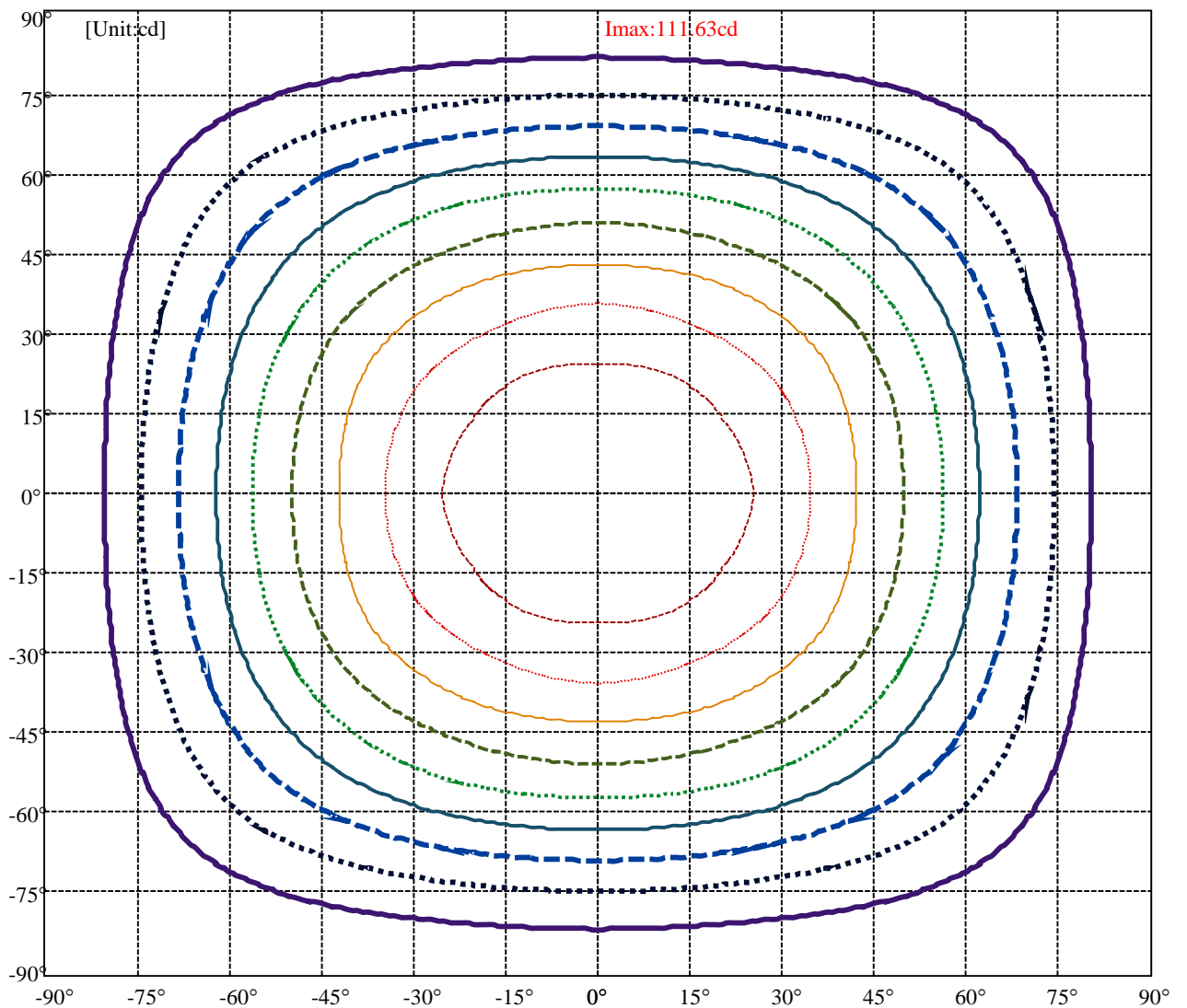
ZONAL LUMEN SUMMARY

0-10	10.464
10-20	30.106
20-30	45.943
30-40	55.458
40-50	57.695
50-60	52.390
60-70	39.522
70-80	22.166
80-90	4.624
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



C60(Max): ———
C0/C180:
C90/C270: - - - - -



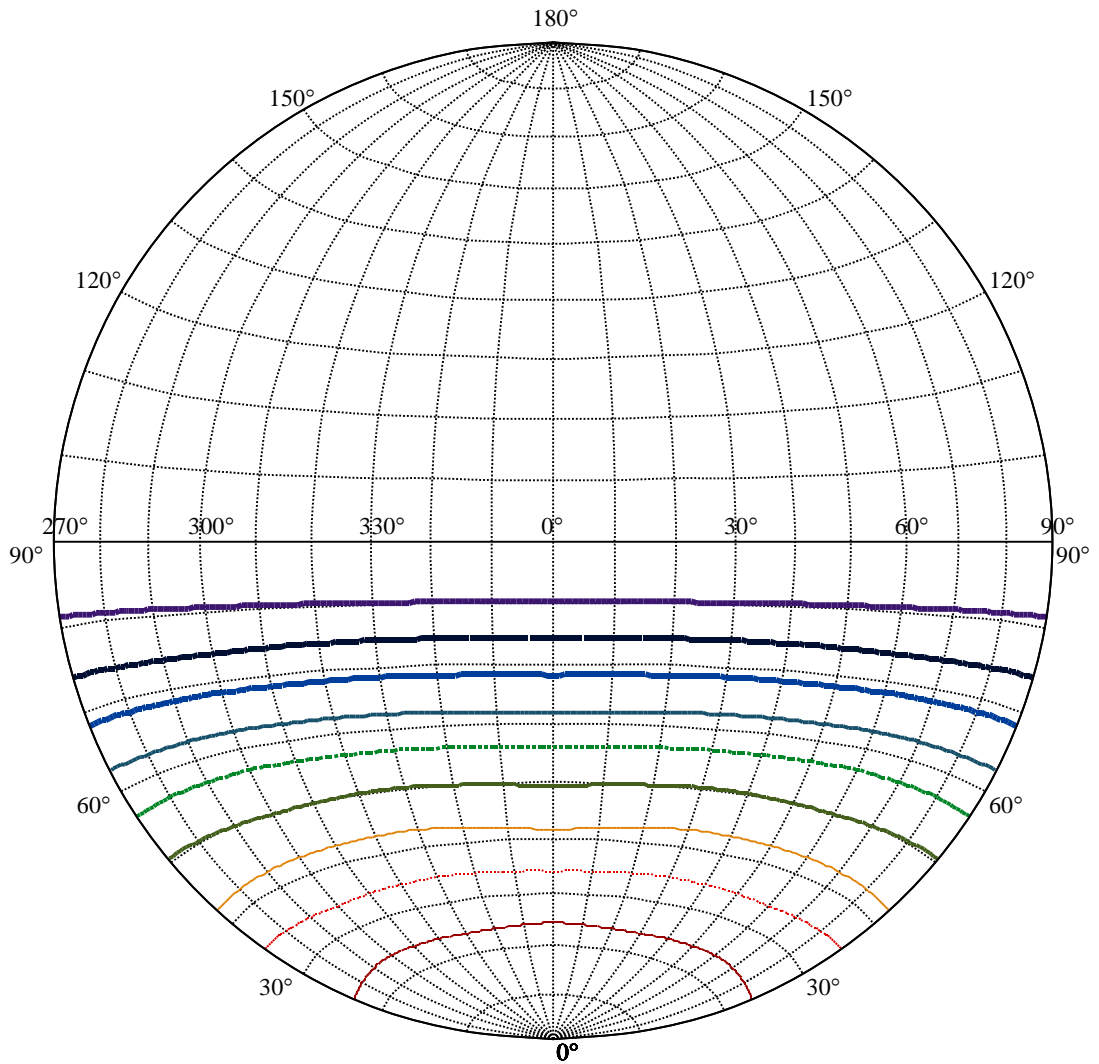


(10% Imax) 11.1071	—
(20% Imax) 22.2142	·····
(30% Imax) 33.3213	- - - - -
(40% Imax) 44.4284	—
(50% Imax) 55.5355	·····
(60% Imax) 66.6426	- - - - -
(70% Imax) 77.7497	—
(80% Imax) 88.8568	·····
(90% Imax) 99.9639	- - - - -

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00



House

Road

	Imax:111.63cd	
(10% Imax)	11.1632	
(20% Imax)	22.3264	
(30% Imax)	33.4896	
(40% Imax)	44.6528	
(50% Imax)	55.816	
(60% Imax)	66.9792	
(70% Imax)	78.1424	
(80% Imax)	89.3056	
(90% Imax)	100.469	

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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	110.93	109.39	108.20	106.58	102.94	100.27	94.59	88.28	80.71
30.0	110.37	109.39	109.32	106.76	103.95	99.43	94.70	88.95	82.50
60.0	111.63	110.20	108.83	106.30	104.31	99.85	95.01	88.18	81.87
90.0	111.07	110.09	109.25	106.23	103.01	99.29	94.52	89.69	81.20
120.0	111.63	110.20	108.83	106.30	104.31	99.85	95.01	88.18	81.87
150.0	110.37	109.39	109.32	106.76	103.95	99.43	94.70	88.95	82.50
180.0	110.93	109.39	108.20	106.58	102.94	100.27	94.59	88.28	80.71
210.0	110.37	109.39	109.32	106.76	103.95	99.43	94.70	88.95	82.50
240.0	111.63	110.20	108.83	106.30	104.31	99.85	95.01	88.18	81.87
270.0	111.07	110.09	109.25	106.23	103.01	99.29	94.52	89.69	81.20
300.0	111.63	110.20	108.83	106.30	104.31	99.85	95.01	88.18	81.87
330.0	110.37	109.39	109.32	106.76	103.95	99.43	94.70	88.95	82.50
360.0	110.93	109.39	108.20	106.58	102.94	100.27	94.59	88.28	80.71

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	73.07	66.12	57.78	48.31	38.71	30.22	20.76	11.43	3.72
30.0	75.63	67.77	58.76	49.51	39.97	30.71	21.39	11.61	5.05
60.0	75.24	66.76	59.18	50.17	40.07	30.47	20.27	11.96	5.79
90.0	74.40	67.60	58.76	49.44	40.25	30.15	20.76	13.25	4.91
120.0	75.24	66.76	59.18	50.17	40.07	30.47	20.27	11.96	5.79
150.0	75.63	67.77	58.76	49.51	39.97	30.71	21.39	11.61	5.05
180.0	73.07	66.12	57.78	48.31	38.71	30.22	20.76	11.43	3.72
210.0	75.63	67.77	58.76	49.51	39.97	30.71	21.39	11.61	5.05
240.0	75.24	66.76	59.18	50.17	40.07	30.47	20.27	11.96	5.79
270.0	74.40	67.60	58.76	49.44	40.25	30.15	20.76	13.25	4.91
300.0	75.24	66.76	59.18	50.17	40.07	30.47	20.27	11.96	5.79
330.0	75.63	67.77	58.76	49.51	39.97	30.71	21.39	11.61	5.05
360.0	73.07	66.12	57.78	48.31	38.71	30.22	20.76	11.43	3.72

C/γ(°)	90.0
0.0	-0.07
30.0	0.84
60.0	1.68
90.0	0.42
120.0	1.68
150.0	0.84
180.0	-0.07
210.0	0.84
240.0	1.68
270.0	0.42
300.0	1.68
330.0	0.84
360.0	-0.07

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00