
DL-FLEX-UP-ULTRA-NIC-27

LumCAT: DL-FLEX-UP-ULTRA-NIC-27	Luminaire:
Report No:	Voltage(V): 24.003
Test No:	Current(A): 0.155
LampCAT:	Power (W): 3.721
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): 280.01
Efficiency(%): 0.00%
Lumens(lm)/Power(W): 75.25
Central intensity(cd): 95.933
Maximum intensity(cd): 96.295
Angle of maximum intensity: C=60.0 γ =0.0
Beam Angle(50% lmax): [V]Left=57.4 Right=57.4
 [H]Left=57.5 Right=57.5
Field angle(10% lmax): [V]Left=81.5 Right=81.5
 [H]Left=80.2 Right=80.2
Beam angle of C60plane:114.92

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

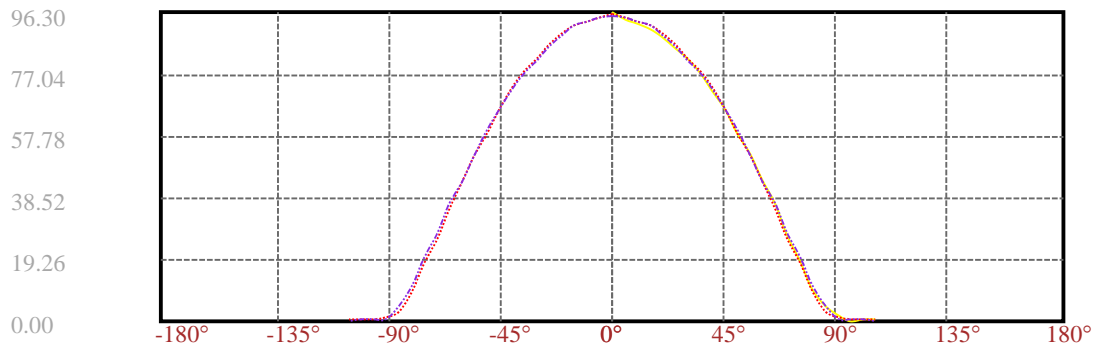
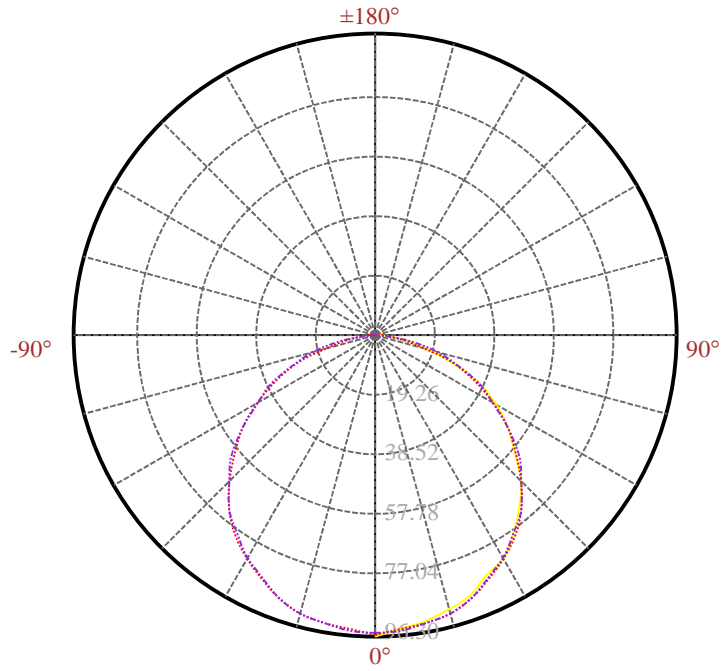
Operator:
Distance(m): 1.00

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	95.691	.000	.000	.000%	.000%
5.0	93.950	2.267	2.267	.000%	.000%
10.0	92.772	6.680	8.947	.000%	.000%
15.0	91.171	10.911	19.858	.000%	.000%
20.0	88.623	14.818	34.676	.000%	.000%
25.0	85.170	18.228	52.903	.000%	.000%
30.0	81.676	21.115	74.018	.000%	.000%
35.0	77.004	23.367	97.385	.000%	.000%
40.0	71.960	24.853	122.238	.000%	.000%
45.0	65.848	25.516	147.754	.000%	.000%
50.0	58.972	25.222	172.976	.000%	.000%
55.0	51.692	24.062	197.038	.000%	.000%
60.0	43.808	22.075	219.112	.000%	.000%
65.0	35.824	19.359	238.471	.000%	.000%
70.0	26.702	15.832	254.303	.000%	.000%
75.0	18.376	11.782	266.086	.000%	.000%
80.0	10.270	7.665	273.750	.000%	.000%
85.0	4.138	3.915	277.665	.000%	.000%
90.0	1.108	1.436	279.101	.000%	.000%
95.0	.514	.444	279.545	.000%	.000%
100.0	.433	.257	279.803	.000%	.000%
105.0	.333	.205	280.007	.000%	.000%

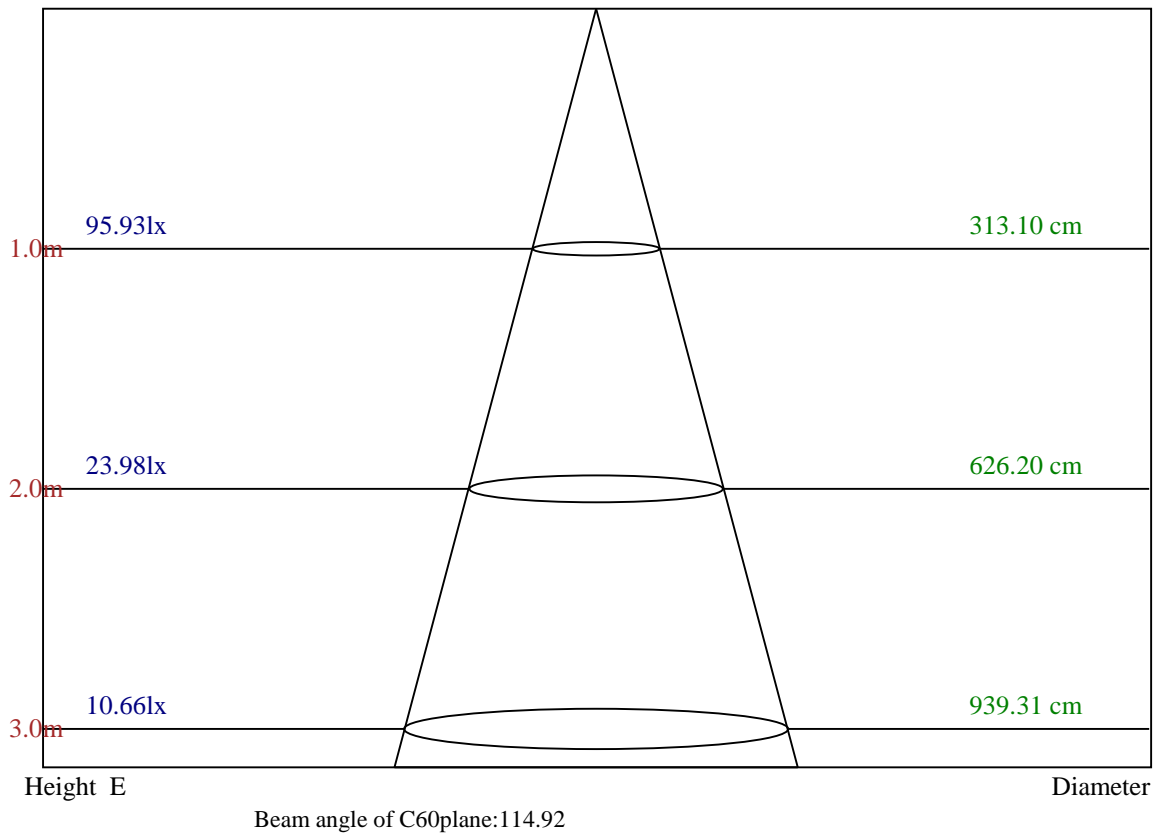
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	74.018	N.A.	26.434%
0-40	122.238	N.A.	43.655%
0-60	219.112	N.A.	78.252%
0-90	279.101	N.A.	99.676%
90-120	.701	N.A.	.250%
90-130	.701	N.A.	.250%
90-150	.701	N.A.	.250%
90-180	.701	N.A.	.250%
0-180	280.007	N.A.	100.000%

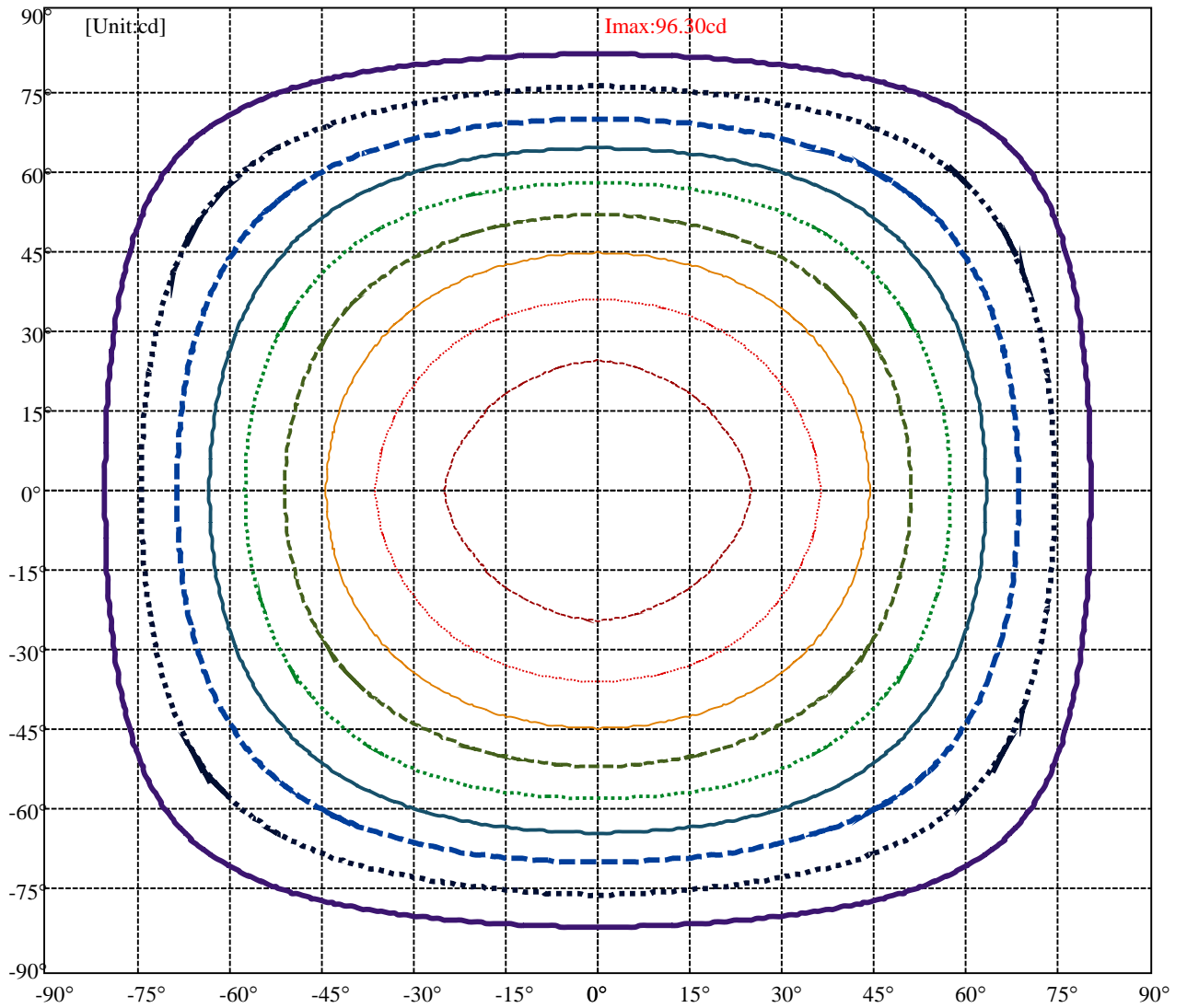
ZONAL LUMEN SUMMARY

0-10	8.947
10-20	25.729
20-30	39.342
30-40	48.220
40-50	50.738
50-60	46.136
60-70	35.191
70-80	19.447
80-90	5.351
90-100	.701
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: -.-.-.-



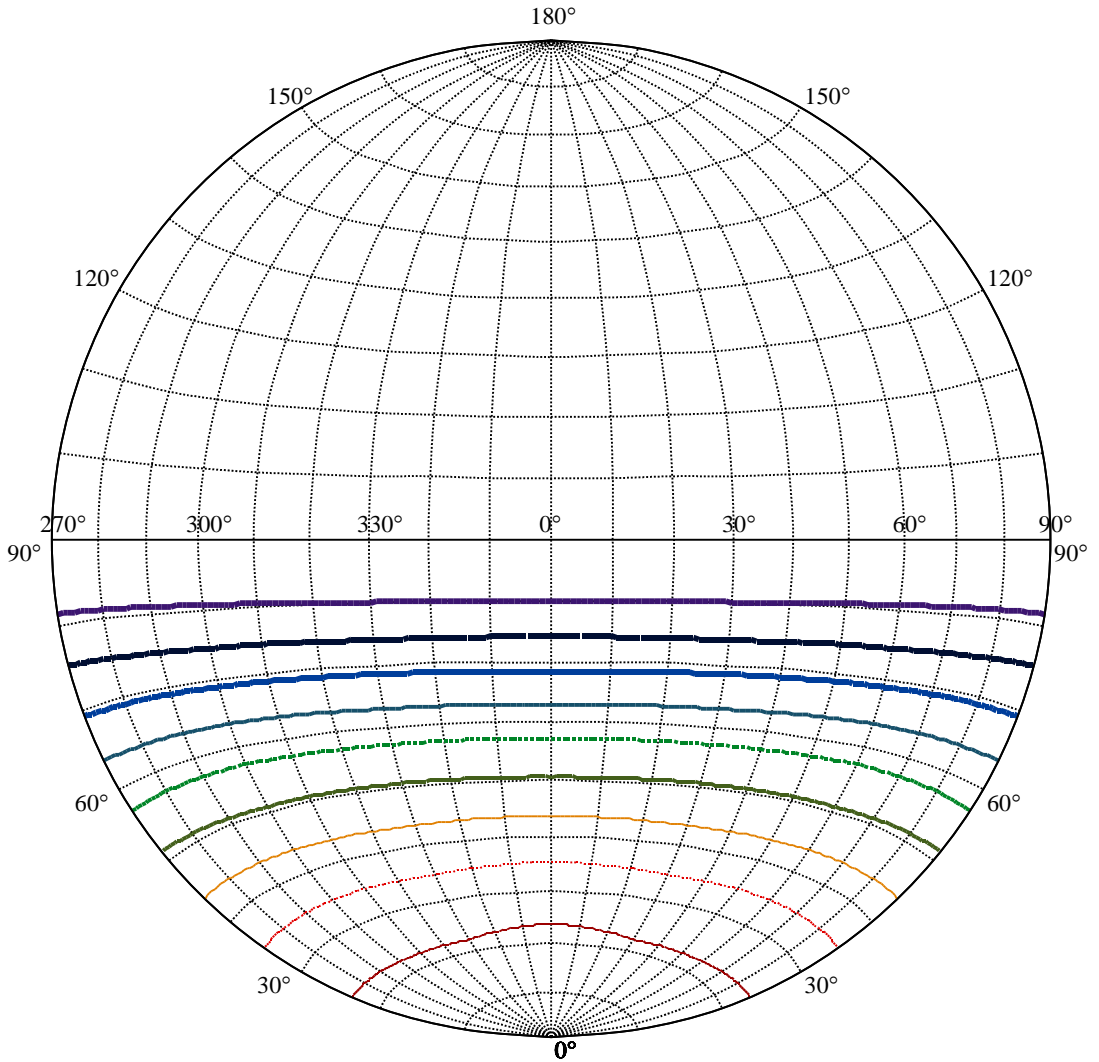


- (10% I_{max}) 9.56068 ————
- (20% I_{max}) 19.1214 ······
- (30% I_{max}) 28.682 - - - -
- (40% I_{max}) 38.2427 ————
- (50% I_{max}) 47.8034 ······
- (60% I_{max}) 57.3641 - - - -
- (70% I_{max}) 66.9248 ————
- (80% I_{max}) 76.4854 ······
- (90% I_{max}) 86.0461 - - - -

Equipment:
Temperature(°C): -1.0

Date:
Humidity(%): -1.0%

Operator:
Distance(m): 1.00



House

Road

I_{max}:96.30cd	
(10% I _{max}) 9.6295	
(20% I _{max}) 19.259	
(30% I _{max}) 28.8885	
(40% I _{max}) 38.518	
(50% I _{max}) 48.1475	
(60% I _{max}) 57.777	
(70% I _{max}) 67.4065	
(80% I _{max}) 77.036	
(90% I _{max}) 86.6655	

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	95.93	94.30	93.52	91.83	89.65	85.97	82.22	77.57	72.98
30.0	95.21	93.43	92.40	90.86	87.96	85.06	81.04	76.78	71.16
60.0	96.30	94.00	92.49	90.74	88.47	84.73	82.07	76.93	71.98
90.0	95.21	94.54	93.34	92.01	89.23	85.48	81.62	77.02	72.49
120.0	96.30	94.00	92.49	90.74	88.47	84.73	82.07	76.93	71.98
150.0	95.21	93.43	92.40	90.86	87.96	85.06	81.04	76.78	71.16
180.0	95.93	94.30	93.52	91.83	89.65	85.97	82.22	77.57	72.98
210.0	95.21	93.43	92.40	90.86	87.96	85.06	81.04	76.78	71.16
240.0	96.30	94.00	92.49	90.74	88.47	84.73	82.07	76.93	71.98
270.0	95.21	94.54	93.34	92.01	89.23	85.48	81.62	77.02	72.49
300.0	96.30	94.00	92.49	90.74	88.47	84.73	82.07	76.93	71.98
330.0	95.21	93.43	92.40	90.86	87.96	85.06	81.04	76.78	71.16
360.0	95.93	94.30	93.52	91.83	89.65	85.97	82.22	77.57	72.98

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	65.73	58.66	51.35	43.86	34.92	25.80	18.00	9.73	2.90
30.0	65.79	58.90	51.77	43.47	35.43	26.49	17.82	9.76	3.69
60.0	65.85	58.84	51.83	44.34	36.25	27.03	18.40	10.45	4.86
90.0	66.09	59.69	51.59	43.38	36.67	27.37	19.82	11.48	4.83
120.0	65.85	58.84	51.83	44.34	36.25	27.03	18.40	10.45	4.86
150.0	65.79	58.90	51.77	43.47	35.43	26.49	17.82	9.76	3.69
180.0	65.73	58.66	51.35	43.86	34.92	25.80	18.00	9.73	2.90
210.0	65.79	58.90	51.77	43.47	35.43	26.49	17.82	9.76	3.69
240.0	65.85	58.84	51.83	44.34	36.25	27.03	18.40	10.45	4.86
270.0	66.09	59.69	51.59	43.38	36.67	27.37	19.82	11.48	4.83
300.0	65.85	58.84	51.83	44.34	36.25	27.03	18.40	10.45	4.86
330.0	65.79	58.90	51.77	43.47	35.43	26.49	17.82	9.76	3.69
360.0	65.73	58.66	51.35	43.86	34.92	25.80	18.00	9.73	2.90

C/γ(°)	90.0	95.0	100.0	105.0
0.0	0.97	0.30	0.79	0.42
30.0	0.82	0.82	0.24	0.39
60.0	1.60	0.24	0.39	0.36
90.0	0.85	0.66	0.54	0.06
120.0	1.60	0.24	0.39	0.36
150.0	0.82	0.82	0.24	0.39
180.0	0.97	0.30	0.79	0.42
210.0	0.82	0.82	0.24	0.39
240.0	1.60	0.24	0.39	0.36
270.0	0.85	0.66	0.54	0.06
300.0	1.60	0.24	0.39	0.36
330.0	0.82	0.82	0.24	0.39
360.0	0.97	0.30	0.79	0.42