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LumCAT:

Luminaire: mini frame darklight 34 serie 3 e fa

LampCAT: modulo led 12W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.1000

Test No:

Current(A): 0.1140

Number of Lamps: 1

Power (W): 14.2910

Lamp flux(lm): 1460.0

PF: 0.9860

Length(mm): 320

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1109.56, Efficiency(%): 76.00% , Luminous Efficacy(lm/W): 77.64

Central intensity(cd): 1361.182, Maximum intensity(cd): 1361.182

Angle of maximum intensity: C=0.0 γ =0.0

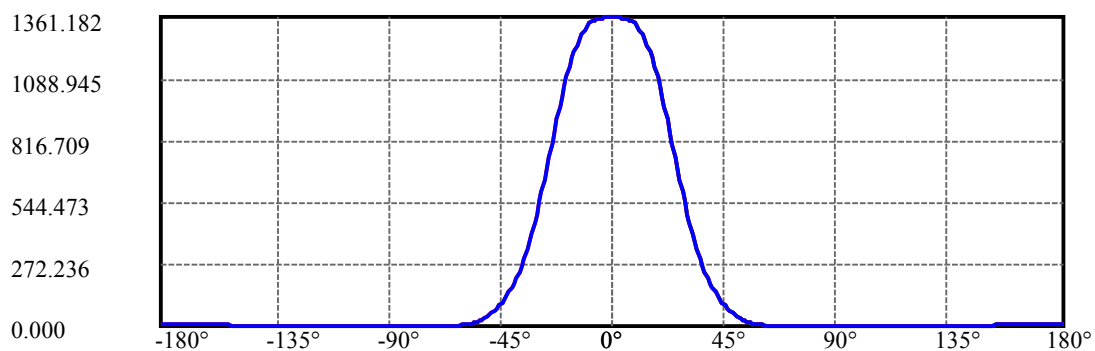
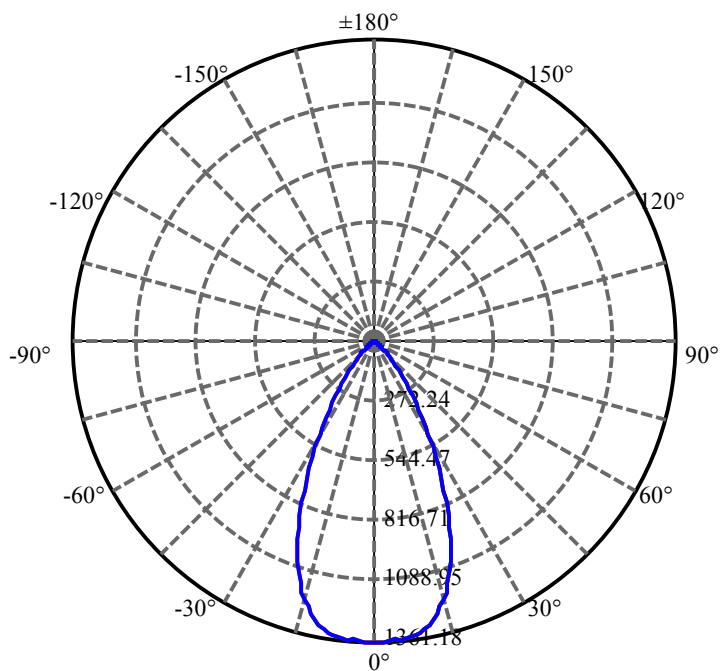
Beam angle of C0 plane : 52.68

Aveage BeamAngle(IEC 61341):52.68

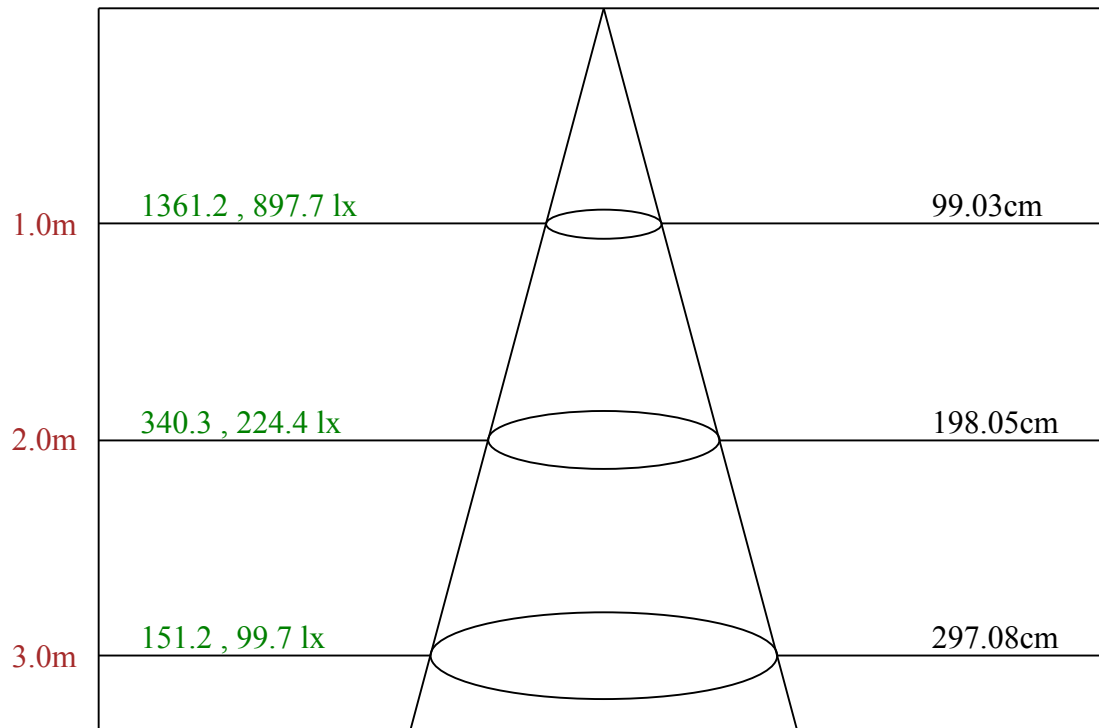
Equipment: equipamento lumini
Temperature(°C): 25.4

Date: 14/02/2025
Humidity(%): 66.0%

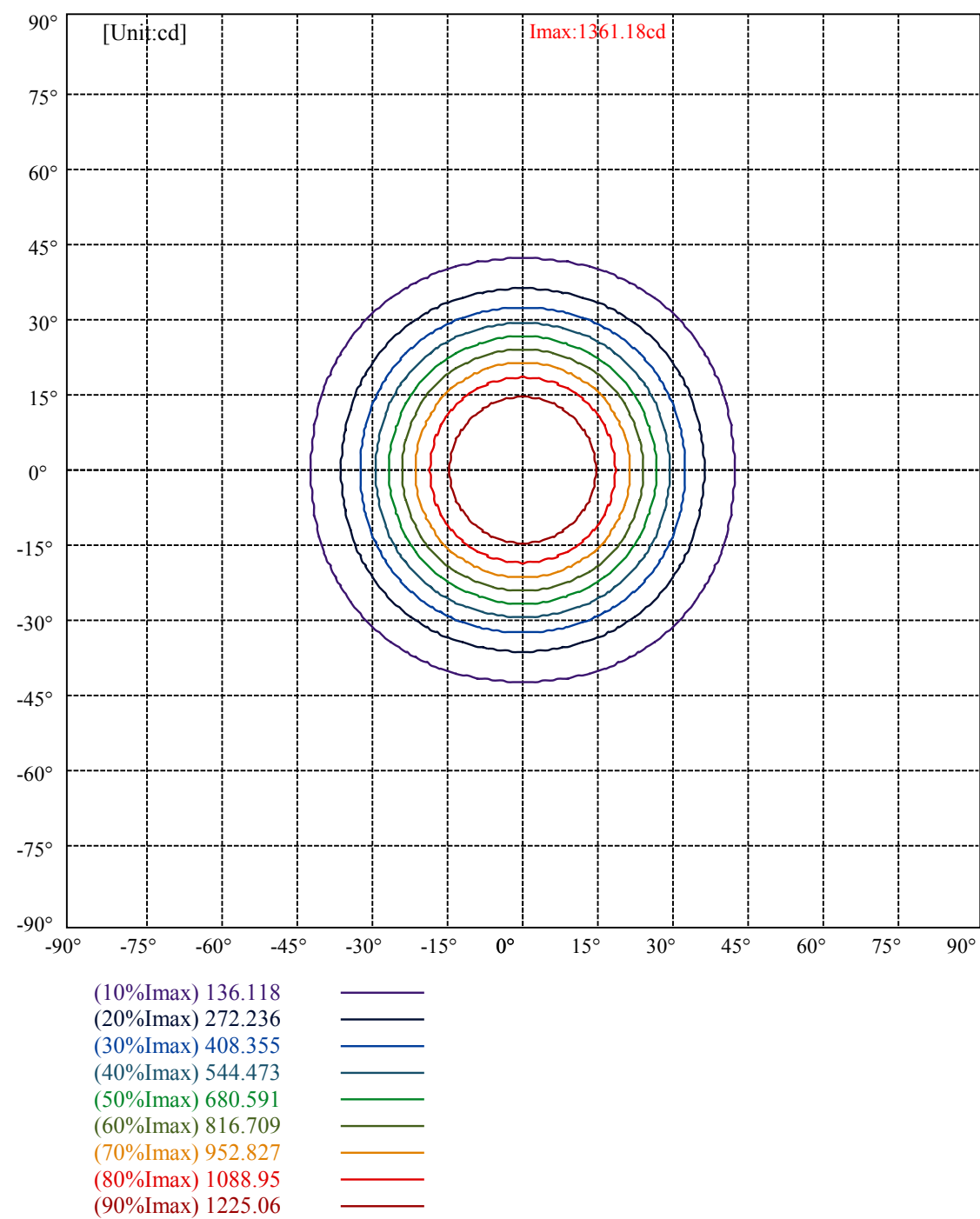
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 52.68



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	15881	8369	3307	1284	829	966	1273	1881	3764
C45	15881	8369	3307	1284	829	966	1273	1881	3764
C90	15881	8369	3307	1284	829	966	1273	1881	3764

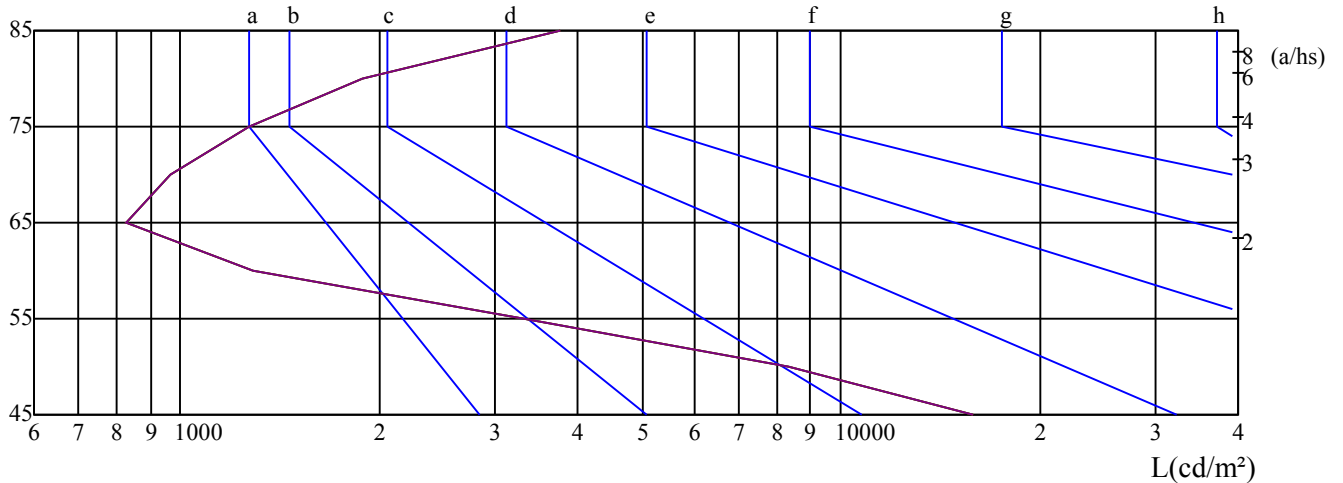
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
829	829	829	1273	1273	1273	3764	3764	3764

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini
Temperature($^{\circ}$ C): 25.4

Date: 14/02/2025
Humidity(%): 66.0%

Operator: 01
Distance(m): 6.90

Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	18.68	19.66	19.08	20.01	20.38	18.02	19.00	18.42	19.35	19.71
	3H	18.49	19.36	18.91	19.73	20.13	17.83	18.70	18.25	19.07	19.47
	4H	18.40	19.20	18.83	19.59	20.01	17.74	18.54	18.17	18.94	19.35
	6H	18.34	19.07	18.79	19.48	19.93	17.68	18.42	18.13	18.83	19.27
	8H	18.28	18.99	18.74	19.41	19.86	17.63	18.33	18.09	18.76	19.21
	12H	18.25	18.92	18.71	19.35	19.81	17.60	18.27	18.06	18.70	19.16
4H	2H	18.40	19.21	18.84	19.60	20.01	17.74	18.55	18.18	18.94	19.35
	3H	18.18	18.85	18.64	19.28	19.74	17.52	18.19	17.98	18.62	19.08
	4H	18.12	18.70	18.59	19.16	19.65	17.47	18.05	17.94	18.51	19.00
	6H	18.03	18.54	18.53	19.02	19.52	17.38	17.89	17.89	18.38	18.87
	8H	18.01	18.48	18.53	18.98	19.49	17.37	17.84	17.89	18.34	18.85
	12H	18.03	18.47	18.55	18.95	19.51	17.40	17.83	17.92	18.32	18.88
8H	4H	17.93	18.41	18.45	18.90	19.41	17.28	17.76	17.80	18.25	18.76
	6H	17.85	18.24	18.38	18.75	19.30	17.21	17.60	17.74	18.11	18.66
	8H	17.90	18.23	18.46	18.78	19.32	17.27	17.60	17.84	18.15	18.69
	12H	17.97	18.22	18.54	18.77	19.34	17.35	17.61	17.93	18.16	18.72
12H	4H	17.89	18.32	18.41	18.81	19.37	17.24	17.67	17.76	18.16	18.72
	6H	17.84	18.17	18.41	18.72	19.26	17.21	17.54	17.77	18.09	18.63
	8H	17.87	18.13	18.45	18.68	19.24	17.25	17.51	17.82	18.06	18.62
Variation with the observer position at spacings:											
S = 1.0H		4.0/-9.0					4.0/-9.0				
S = 1.5H		6.6/-10.6					6.6/-10.6				
S = 2.0H		8.5/-9.1					8.5/-9.1				
Standard tables:		BK0					BK0				
Uncorrected UGR		-1.6					-1.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25