



lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email:laboratorio@lumini.com.br
Tel:+55 11 3437-5555 Fax:+55 11 3437-5555
Address:Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

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LumCAT:

Luminaire: darklight 34 c serie 2 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

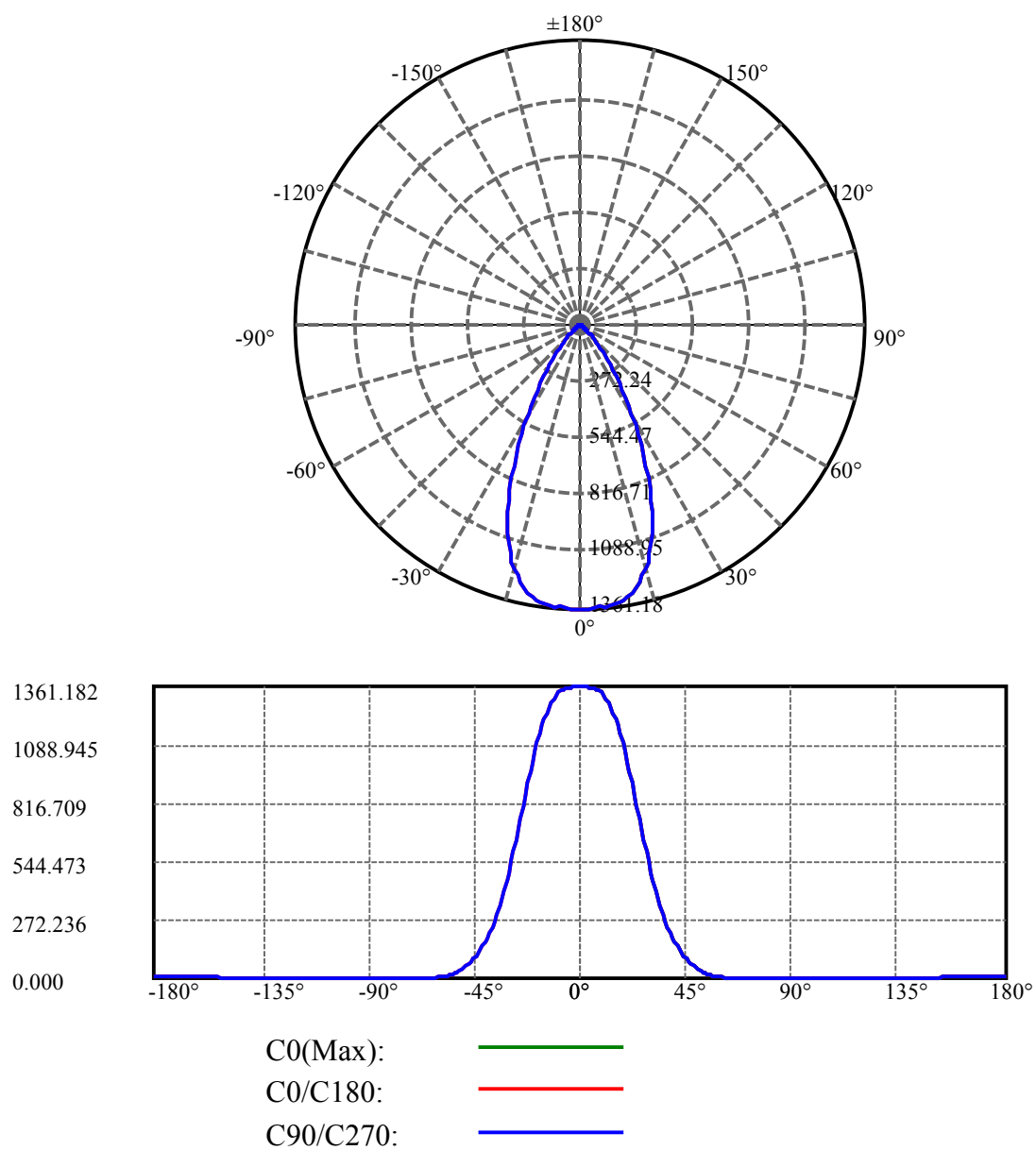
Beam angle of C0 plane : 52.68

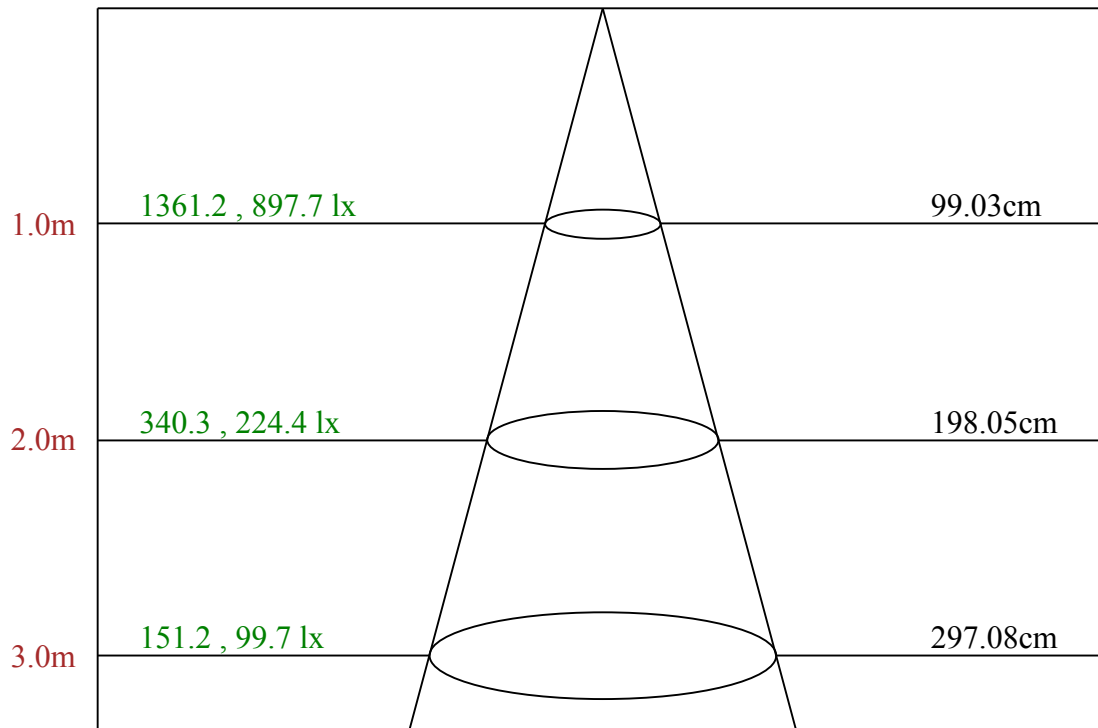
Aveage BeamAngle(IEC 61341):52.68

Equipment: equipamento lumini
Temperature(°C): 25.4

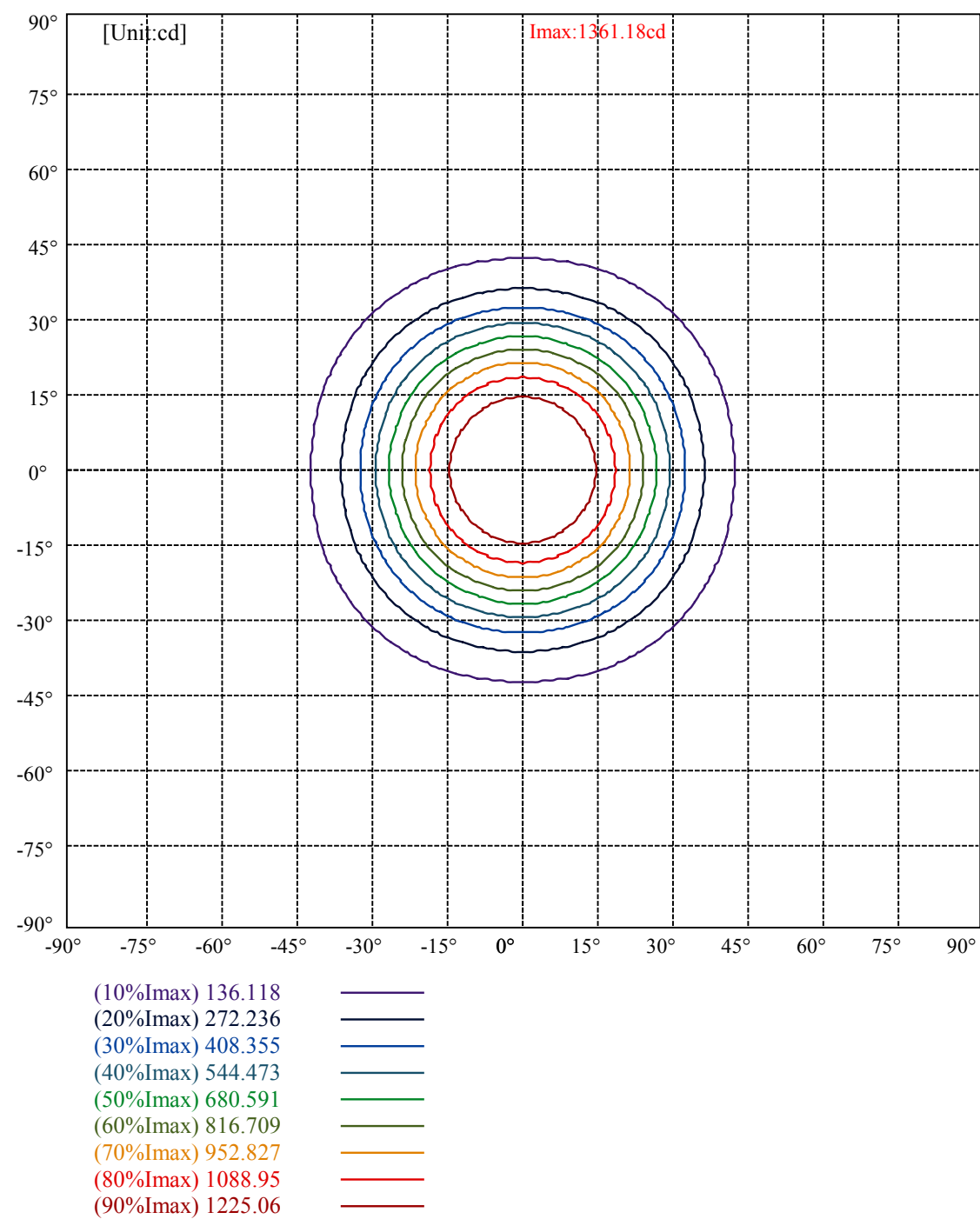
Date: 14/02/2025
Humidity(%): 66.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 52.68



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Luminance Limiting Curve(no luminous side)

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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

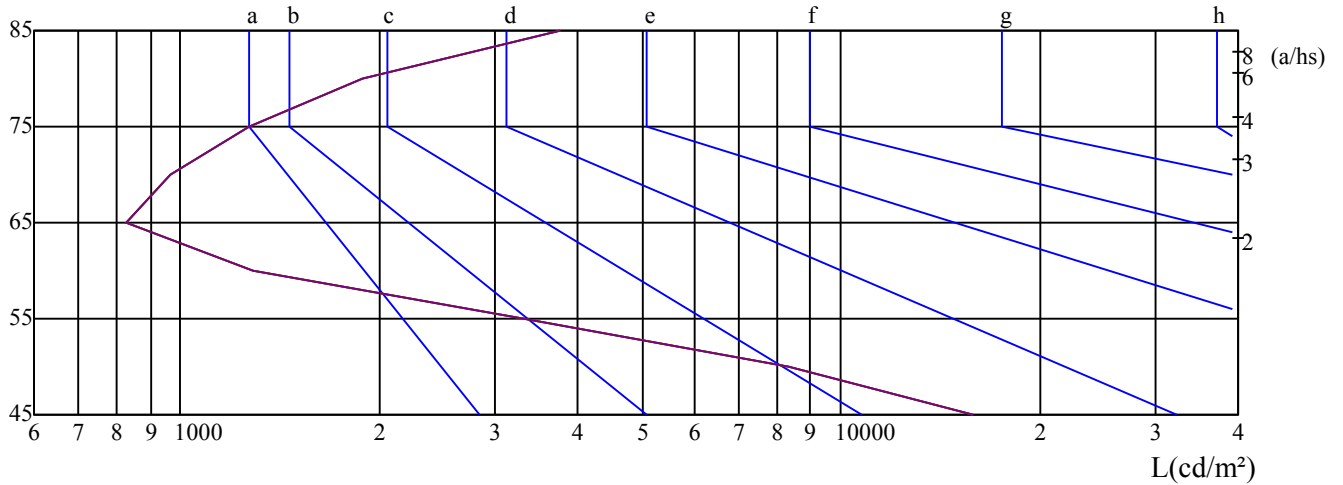
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
829	829	829	1273	1273	1273	3764	3764	3764

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(°C): 25.4

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

Operator: 01
Distance(m): 6.90