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LumCAT:

Luminaire: darklight 34 c serie 2 fm

LampCAT: modulo led 24W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.2070

Number of Lamps: 1

Power (W): 26.1560

Lamp flux(lm): 2580.0

PF: 0.9940

Length(mm): 320

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2086.25, Efficiency(%): 80.86% , Luminous Efficacy(lm/W): 79.76

Central intensity(cd): 9367.803, Maximum intensity(cd): 9367.803

Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

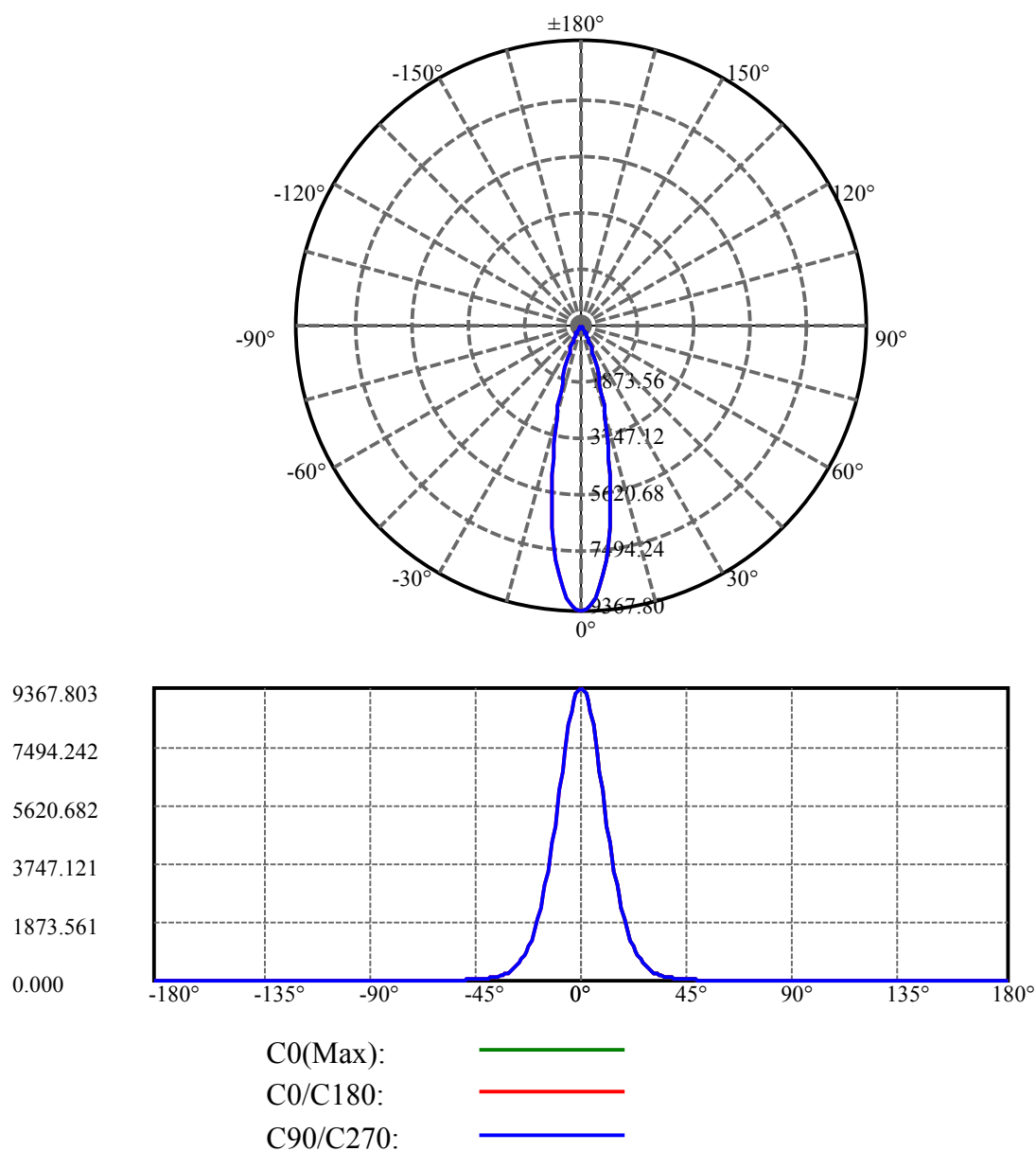
Beam angle of C0 plane : 23.04

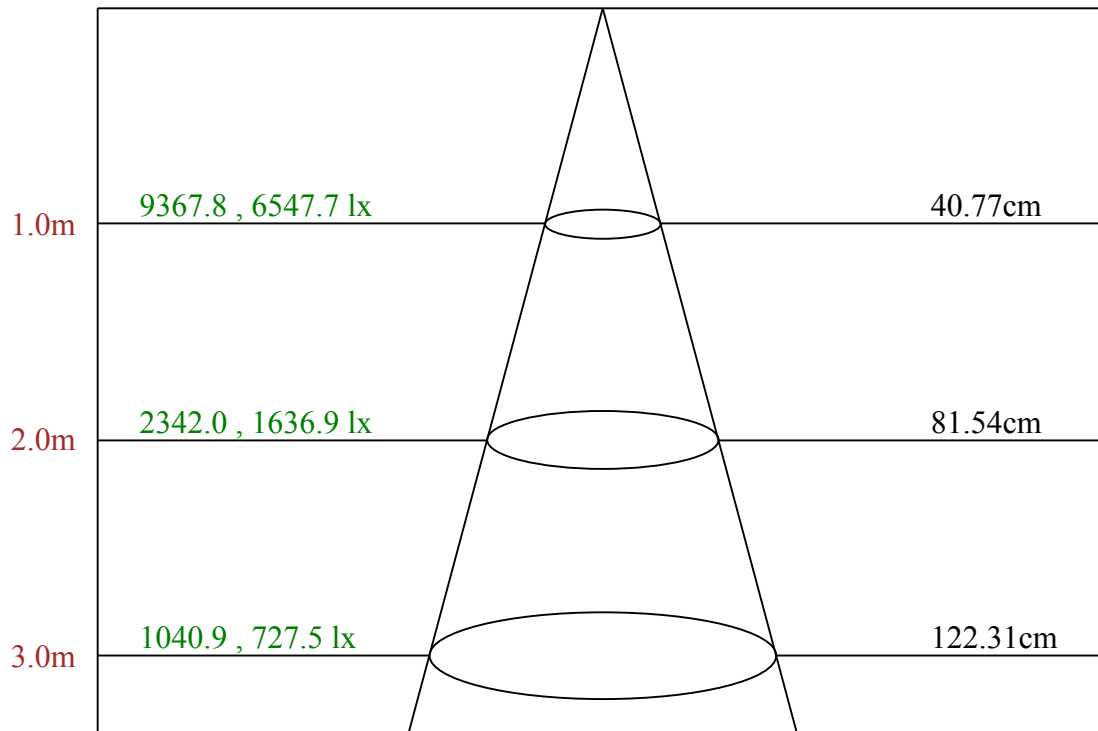
Average BeamAngle(IEC 61341): 23.04

Equipment: equipamento lumini
Temperature(°C): 26.5

Date: 20/02/2025
Humidity(%): 64.0%

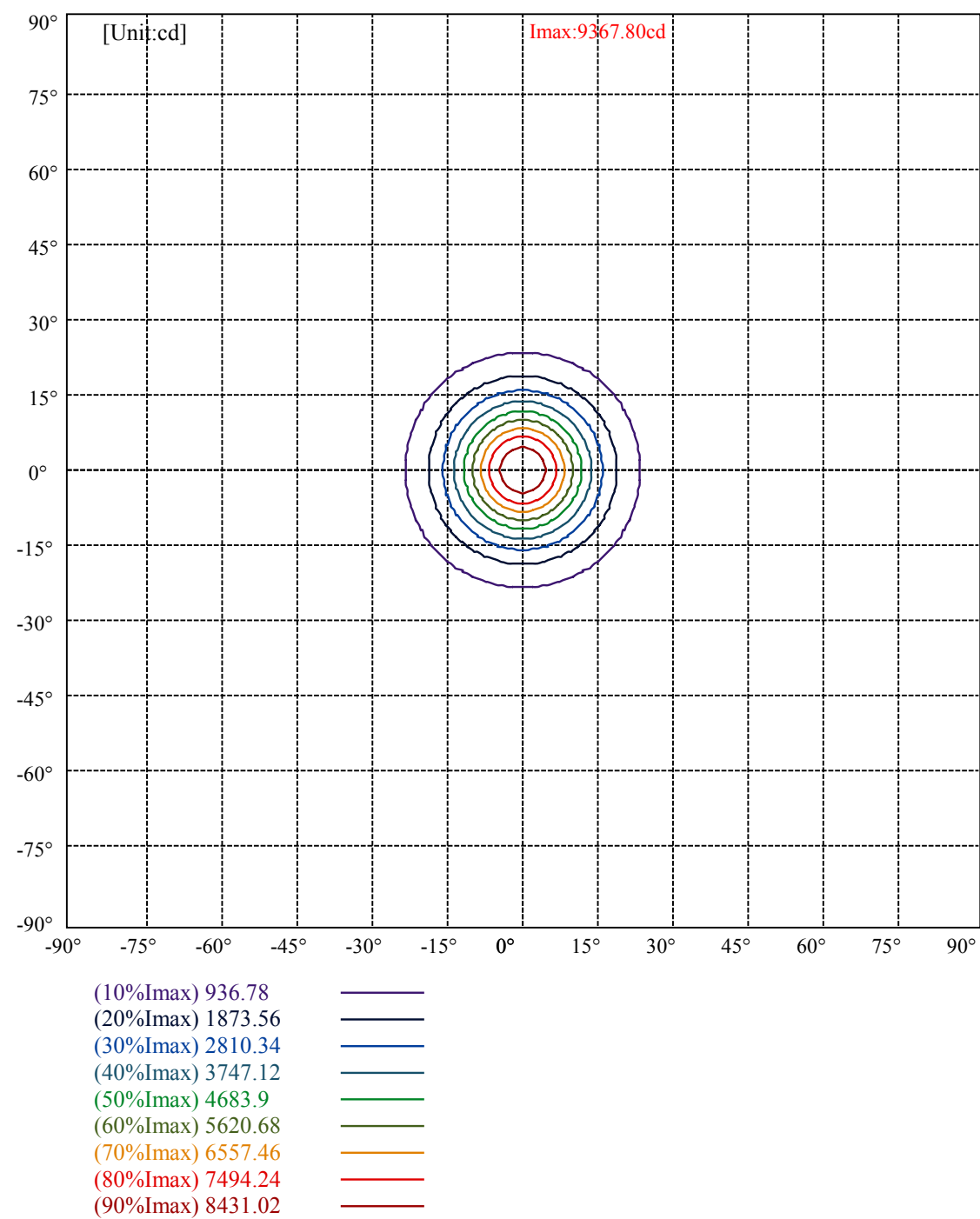
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 23.04



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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	7206	4650	3214	2105	1942	2273	2978	4430	8808
C45	7206	4650	3214	2105	1942	2273	2978	4430	8808
C90	7206	4650	3214	2105	1942	2273	2978	4430	8808

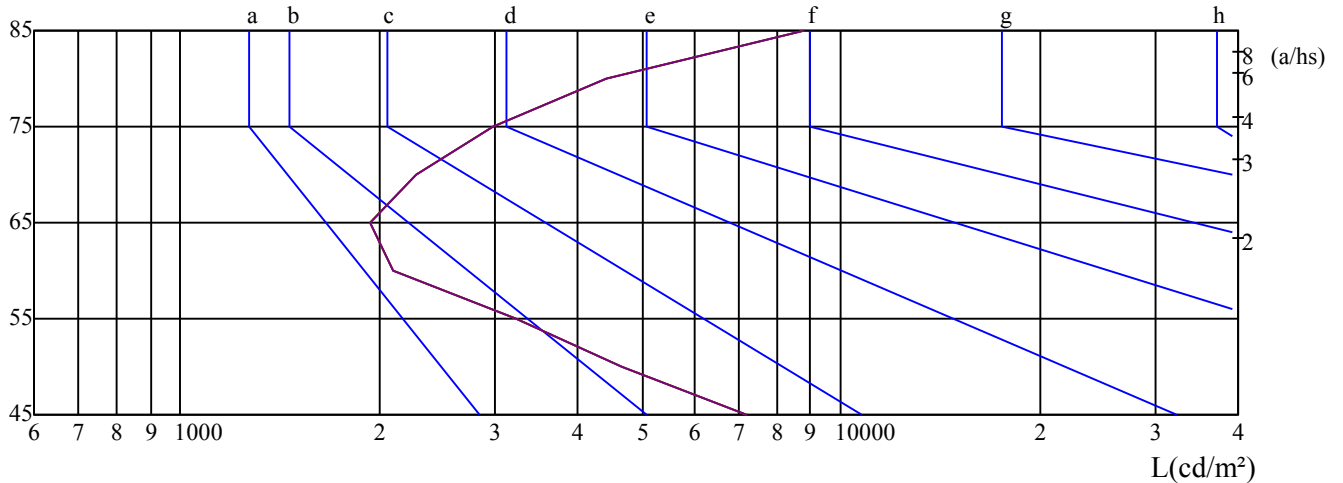
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1942	1942	1942	2978	2978	2978	8808	8808	8808

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): 26.5

Date: 20/02/2025
Humidity(%): 64.0%

Operator: 01
Distance(m): 6.90