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LumCAT:

Luminaire: darklight 17 c serie 2 fc

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0700

Test No:

Current(A): 0.1040

Number of Lamps: 1

Power (W): 7.5600

Lamp flux(lm): 730.0

PF: 0.5730

Length(mm): 160

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 610.92, Efficiency(%): 83.69% , Luminous Efficacy(lm/W): 80.81

Central intensity(cd): 3366.420, Maximum intensity(cd): 3366.420

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

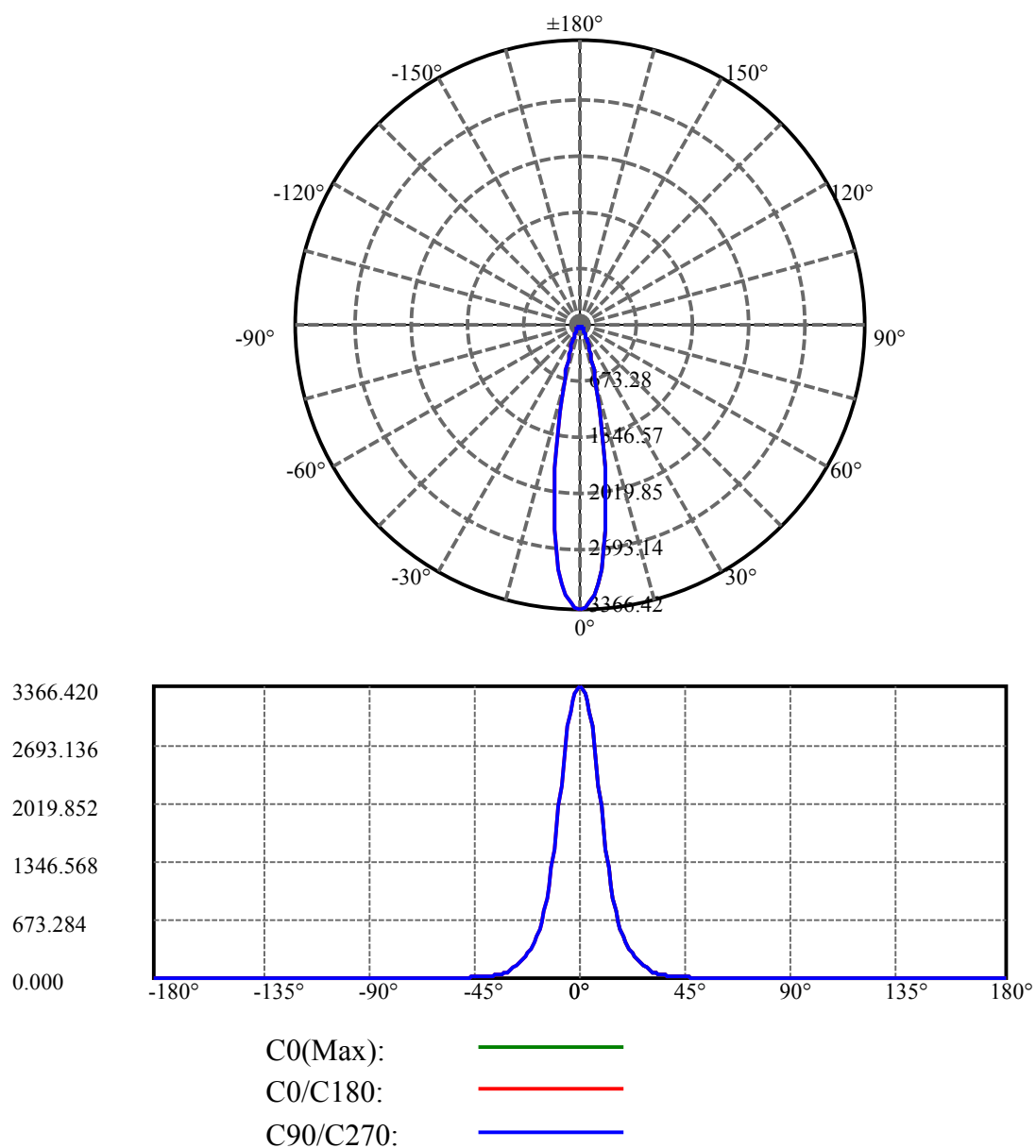
Beam angle of C0 plane : 20.37

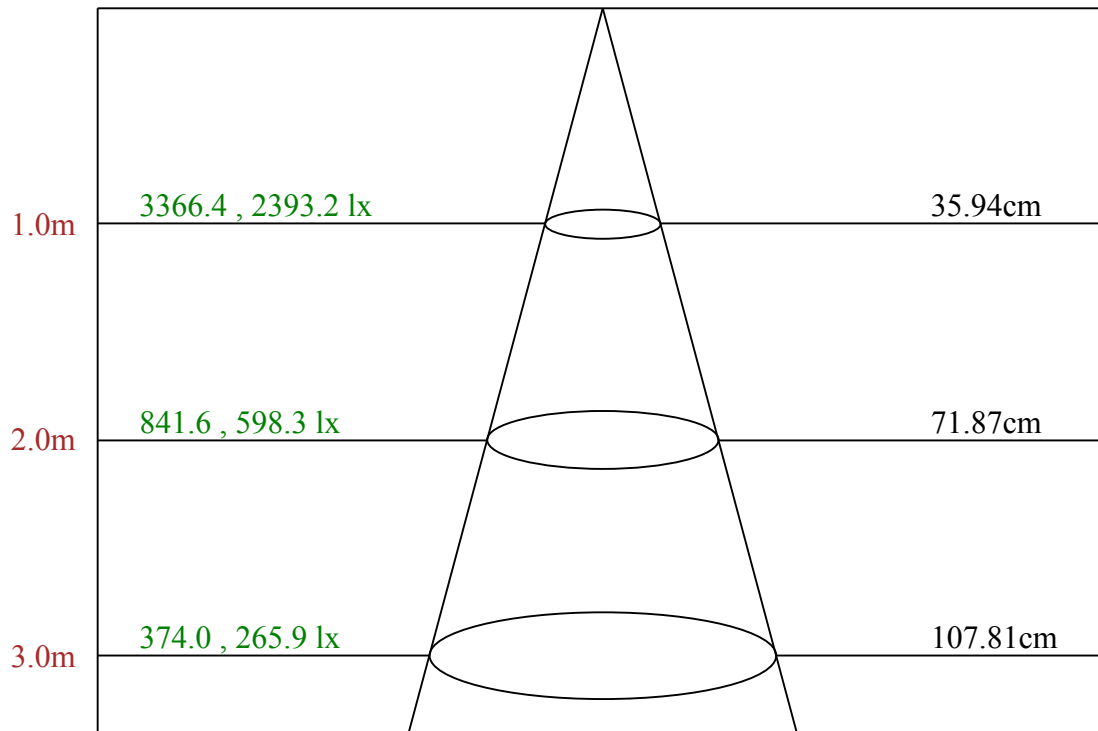
Average BeamAngle(IEC 61341): 20.37

Equipment: equipamento lumini
Temperature(°C): 26.3

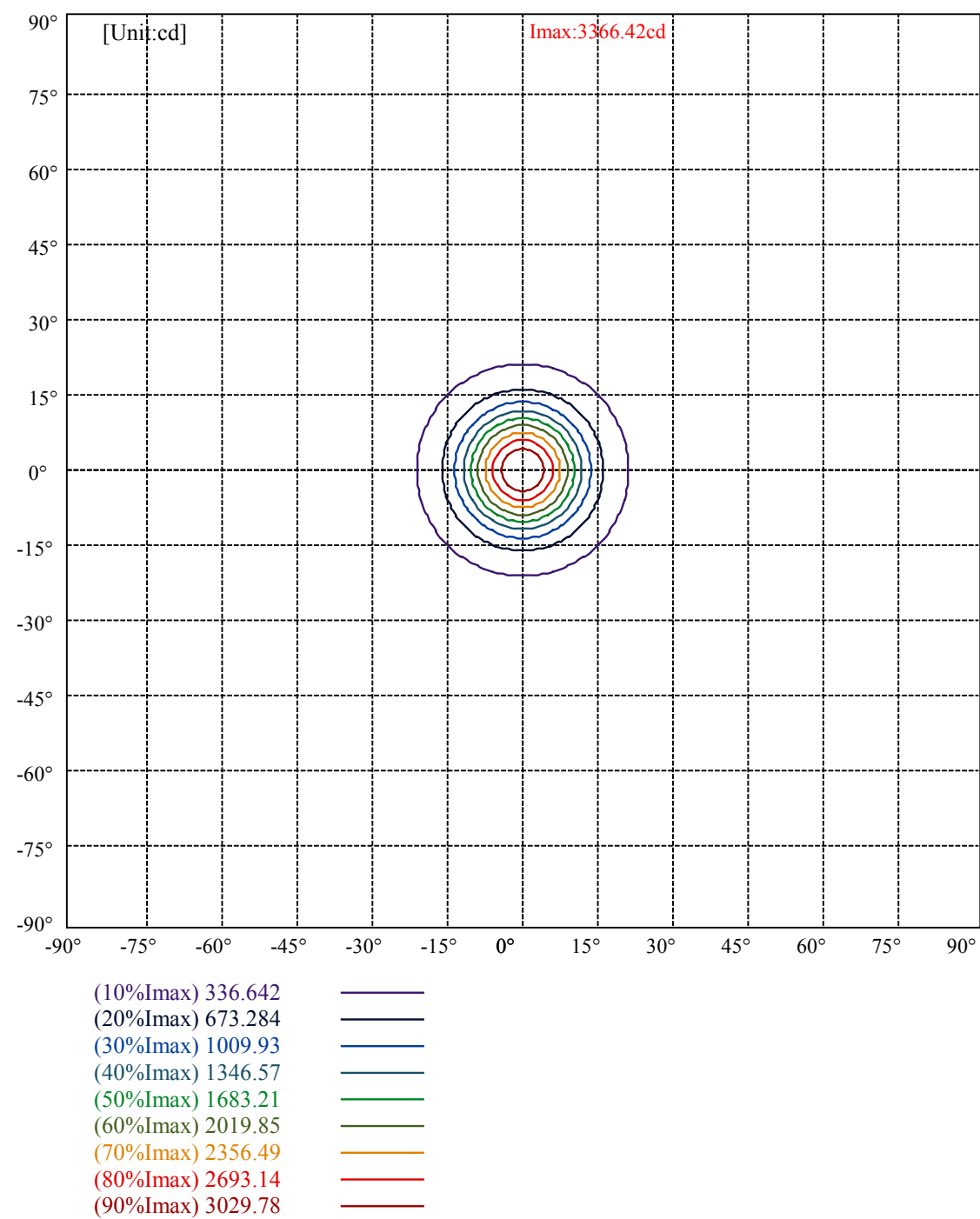
Date: 12/02/2025
Humidity(%): 57.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 20.37



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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	4265	2849	1798	1318	1130	1305	1707	2545	5104
C45	4265	2849	1798	1318	1130	1305	1707	2545	5104
C90	4265	2849	1798	1318	1130	1305	1707	2545	5104

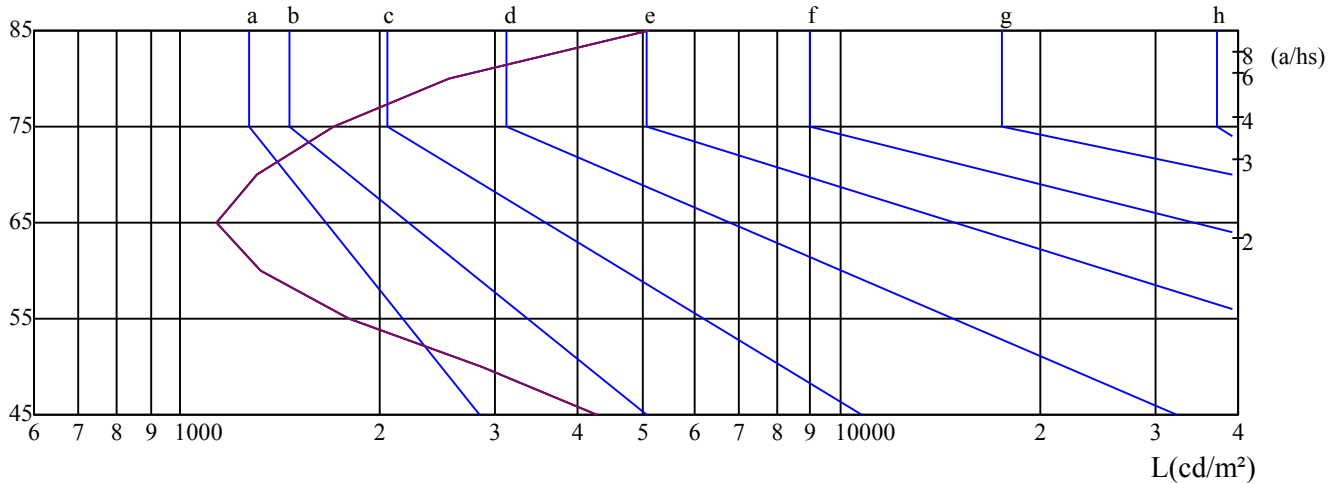
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1130	1130	1130	1707	1707	1707	5104	5104	5104

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($^{\circ}\text{C}$): 26.3

Date: 12/02/2025
Humidity(%): 57.0%

Operator: 01
Distance(m): 6.90