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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fm

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0620

Number of Lamps: 1

Power (W): 7.8400

Lamp flux(lm): 700.0

PF: 0.9500

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 583.00, Efficiency(%): 83.29% , Luminous Efficacy(lm/W): 74.36

Central intensity(cd): 1921.968, Maximum intensity(cd): 1921.968

Angle of maximum intensity: C=0.0 γ =0.0

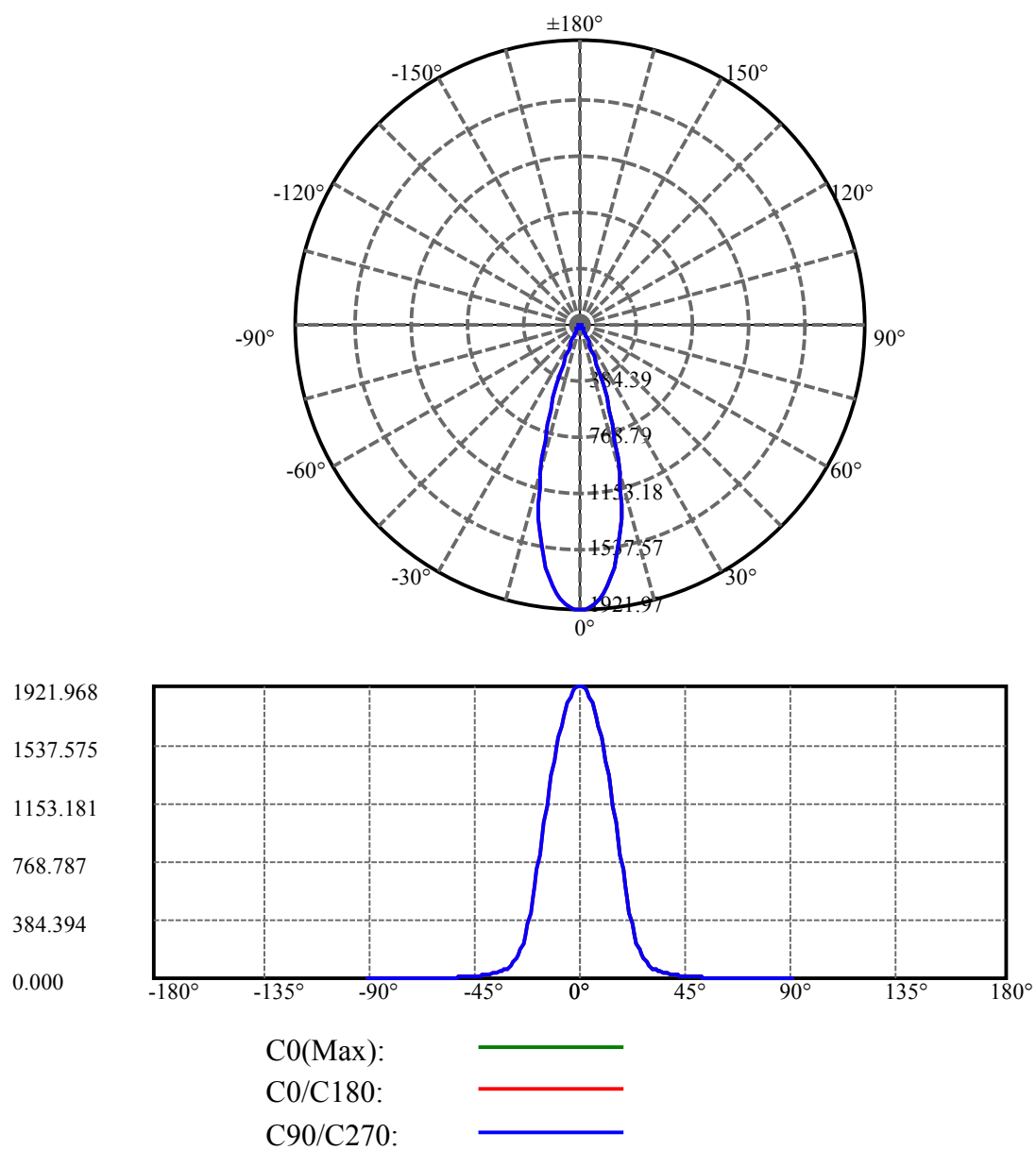
Beam angle of C0 plane : 31.31

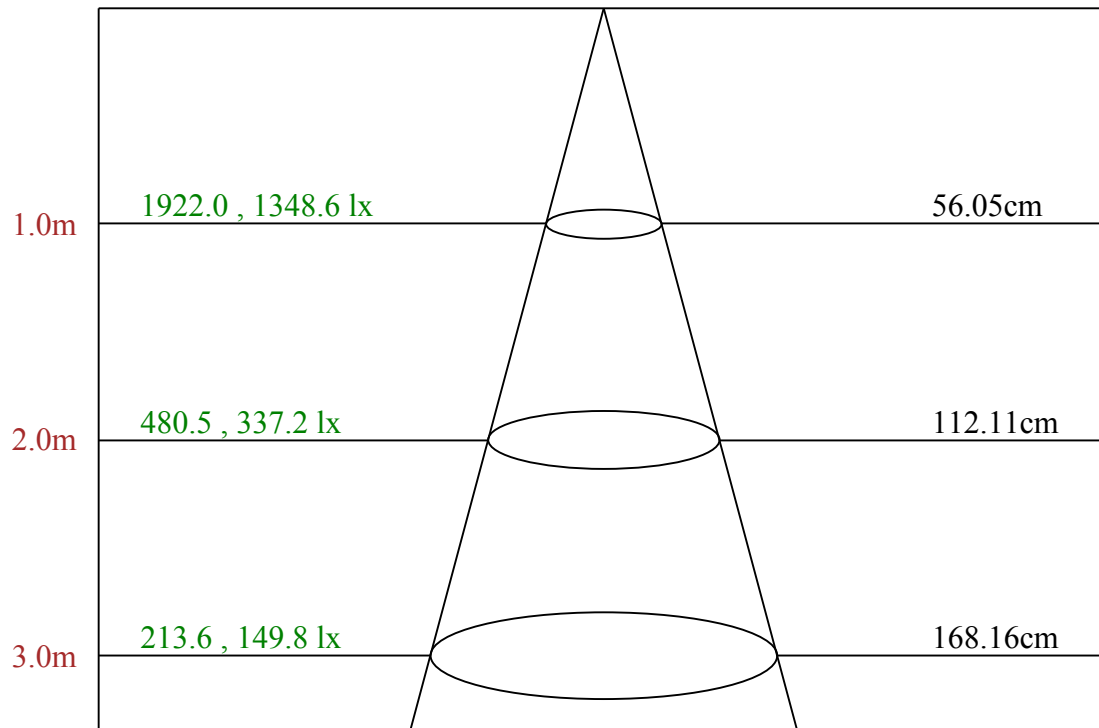
Aveage BeamAngle(IEC 61341):31.31

Equipment: equipamento lumini
Temperature(°C): 25.5

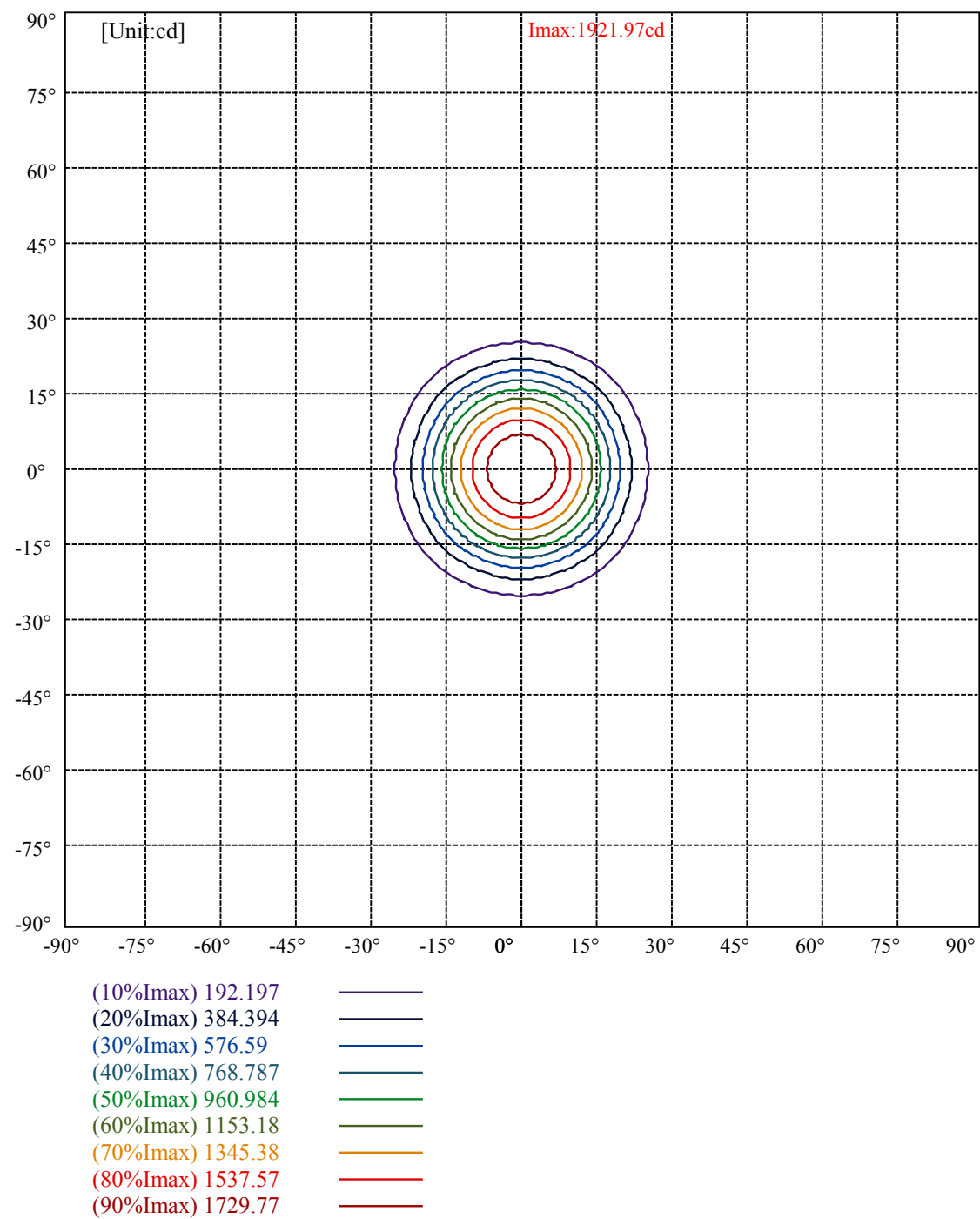
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 31.31



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:5

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	9275	5694	3393	2535	2464	2645	3334	4867	9491
C45	9275	5694	3393	2535	2464	2645	3334	4867	9491
C90	9275	5694	3393	2535	2464	2645	3334	4867	9491

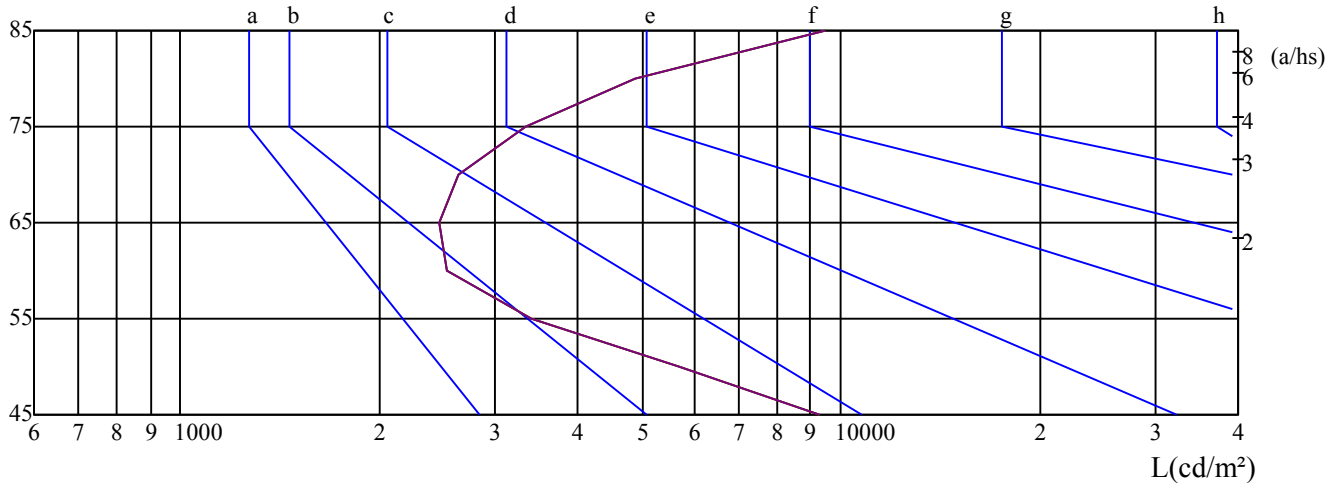
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2464	2464	2464	3334	3334	3334	9491	9491	9491

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($^{\circ}\text{C}$): 25.5

Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90