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## lumini

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LumCAT:

Luminaire: darklight 17 c serie 2 fm

LampCAT: modulo led 12W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0100

Test No:

Current(A): 0.1090

Number of Lamps: 1

Power (W): 13.5840

Lamp flux(lm): 1290.0

PF: 0.9860

Length(mm): 160

Width(mm): 25

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1125.85, Efficiency(%): 87.27% , Luminous Efficacy(lm/W): 82.88

Central intensity(cd): 3783.828, Maximum intensity(cd): 3783.828

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

Beam angle of C0 plane : 30.66

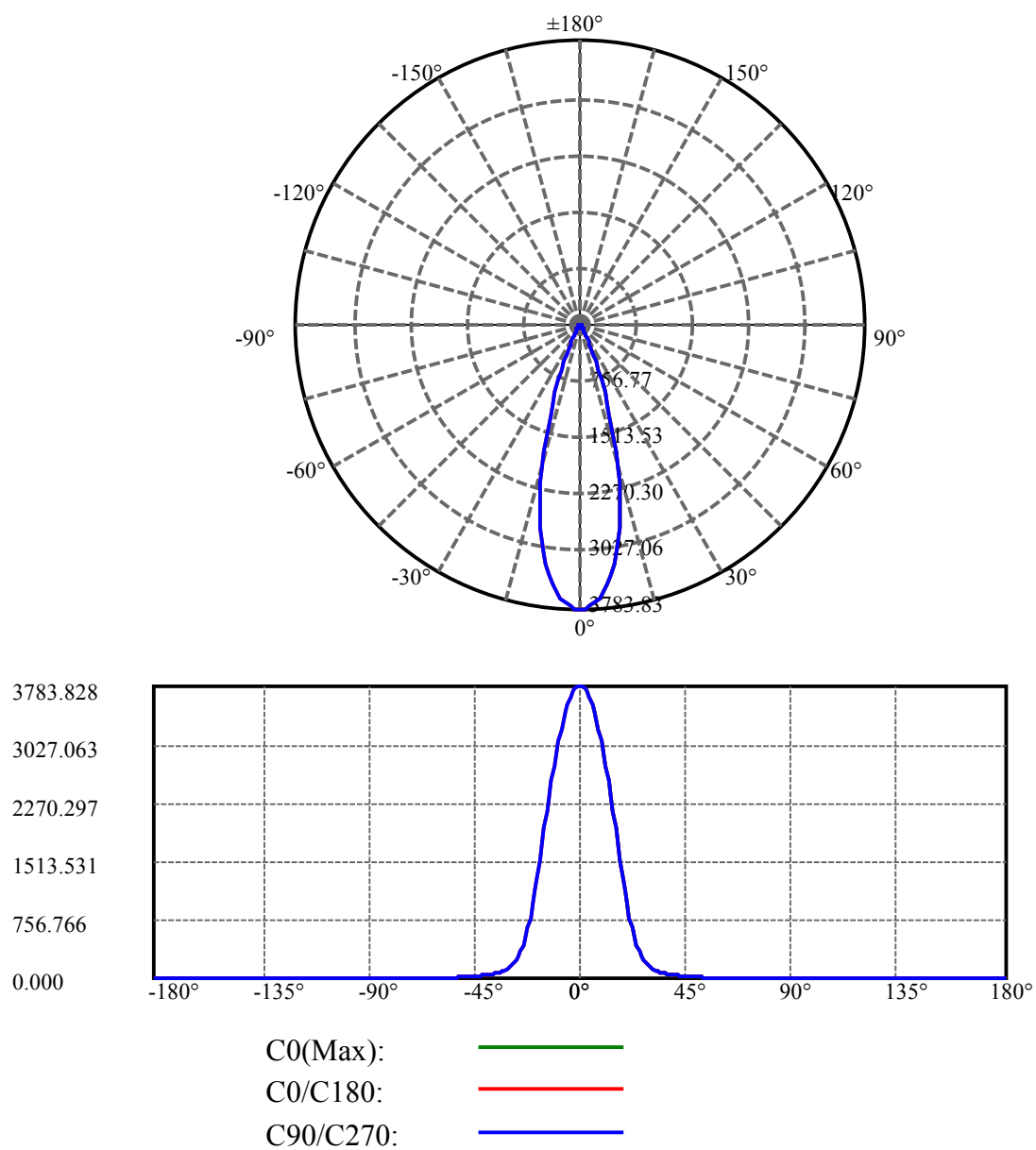
Aveage BeamAngle(IEC 61341):30.66

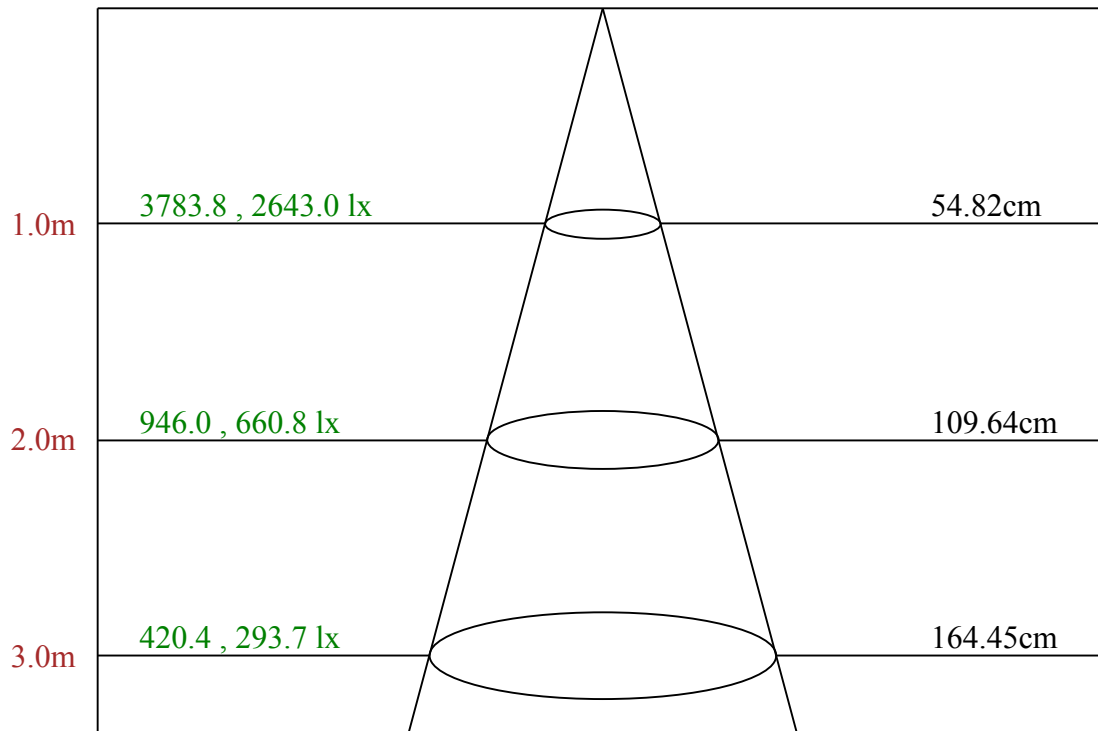
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Equipment: equipamento lumini  
Temperature(°C): 26.3

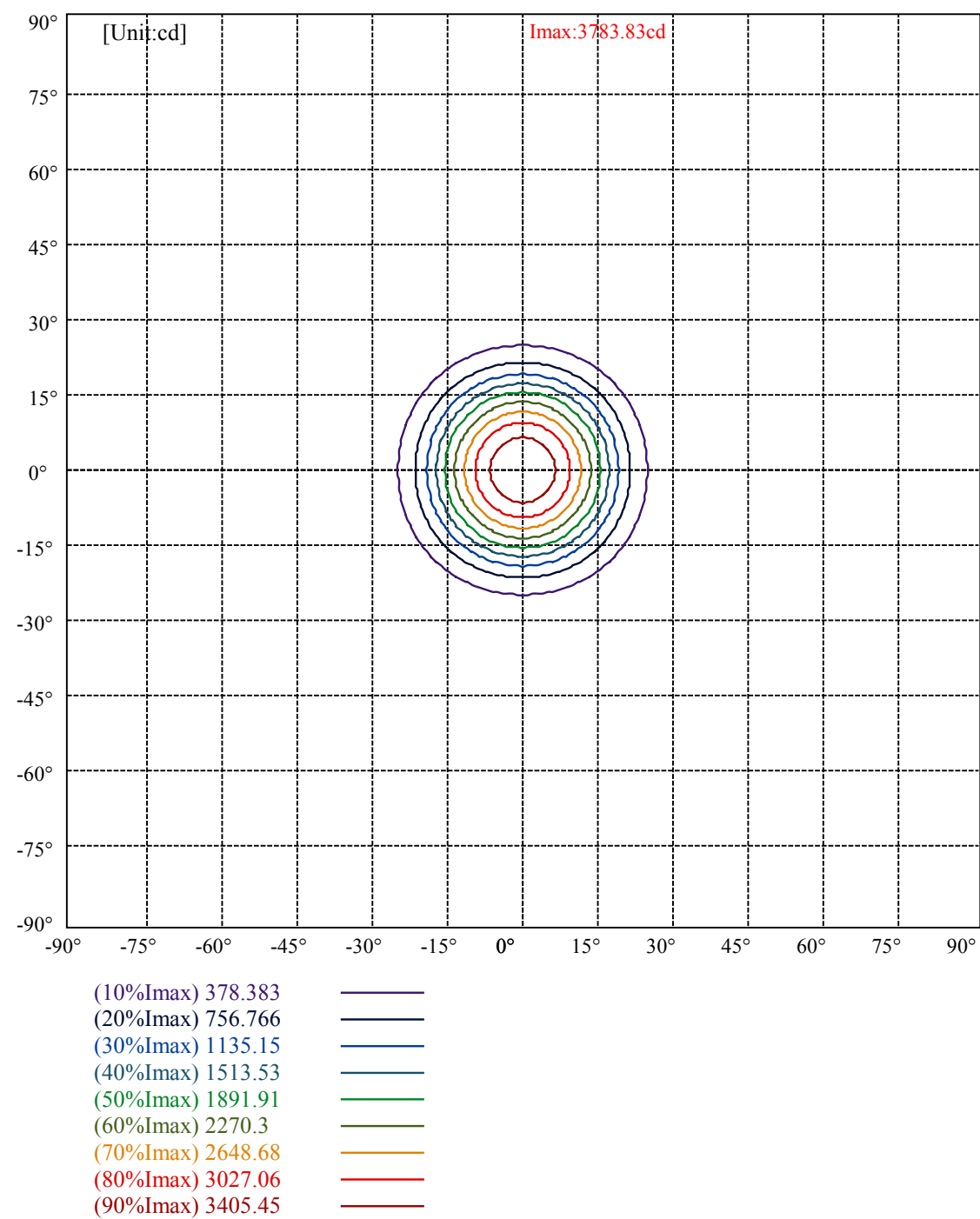
Date: 12/02/2025  
Humidity(%): 57.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 30.66



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	9014	5724	3533	2226	2074	2449	3208	4815	9543
C45	9014	5724	3533	2226	2074	2449	3208	4815	9543
C90	9014	5724	3533	2226	2074	2449	3208	4815	9543

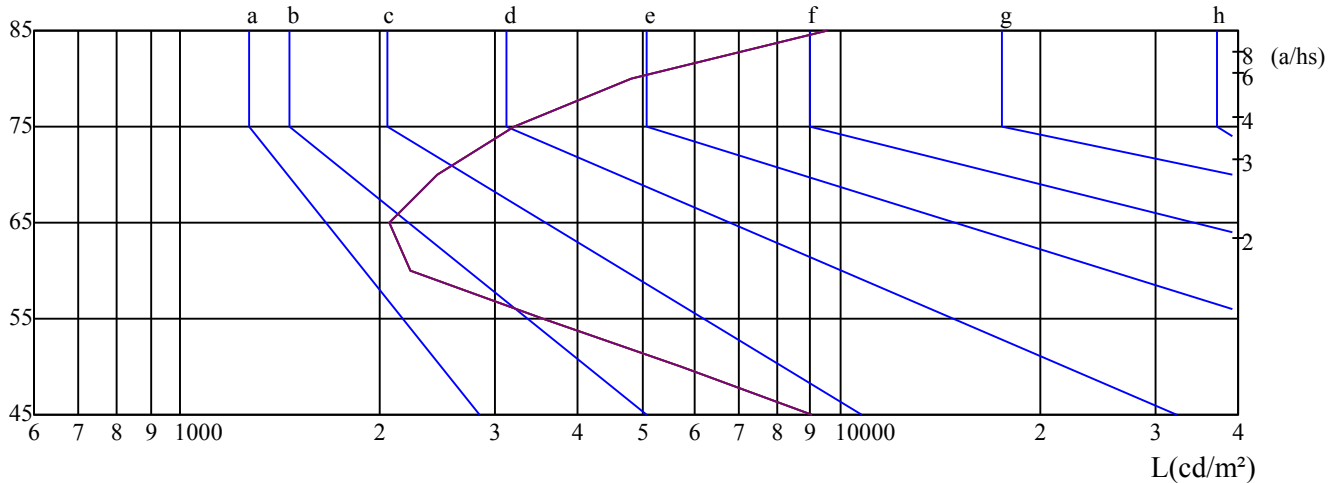
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2074	2074	2074	3208	3208	3208	9543	9543	9543

Glare Table

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

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini  
Temperature( $^{\circ}$ C): 26.3

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

Operator: 01  
Distance(m): 6.90