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## lumini

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LumCAT:

Luminaire: darklight 8 c serie 2 fm

LampCAT: modulo led 3W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0330

Number of Lamps: 1

Power (W): 4.1000

Lamp flux(lm): 395.0

PF: 0.9600

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 333.03, Efficiency(%): 84.31% , Luminous Efficacy(lm/W): 81.23

Central intensity(cd): 1089.983, Maximum intensity(cd): 1089.983

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

Beam angle of C0 plane : 31.56

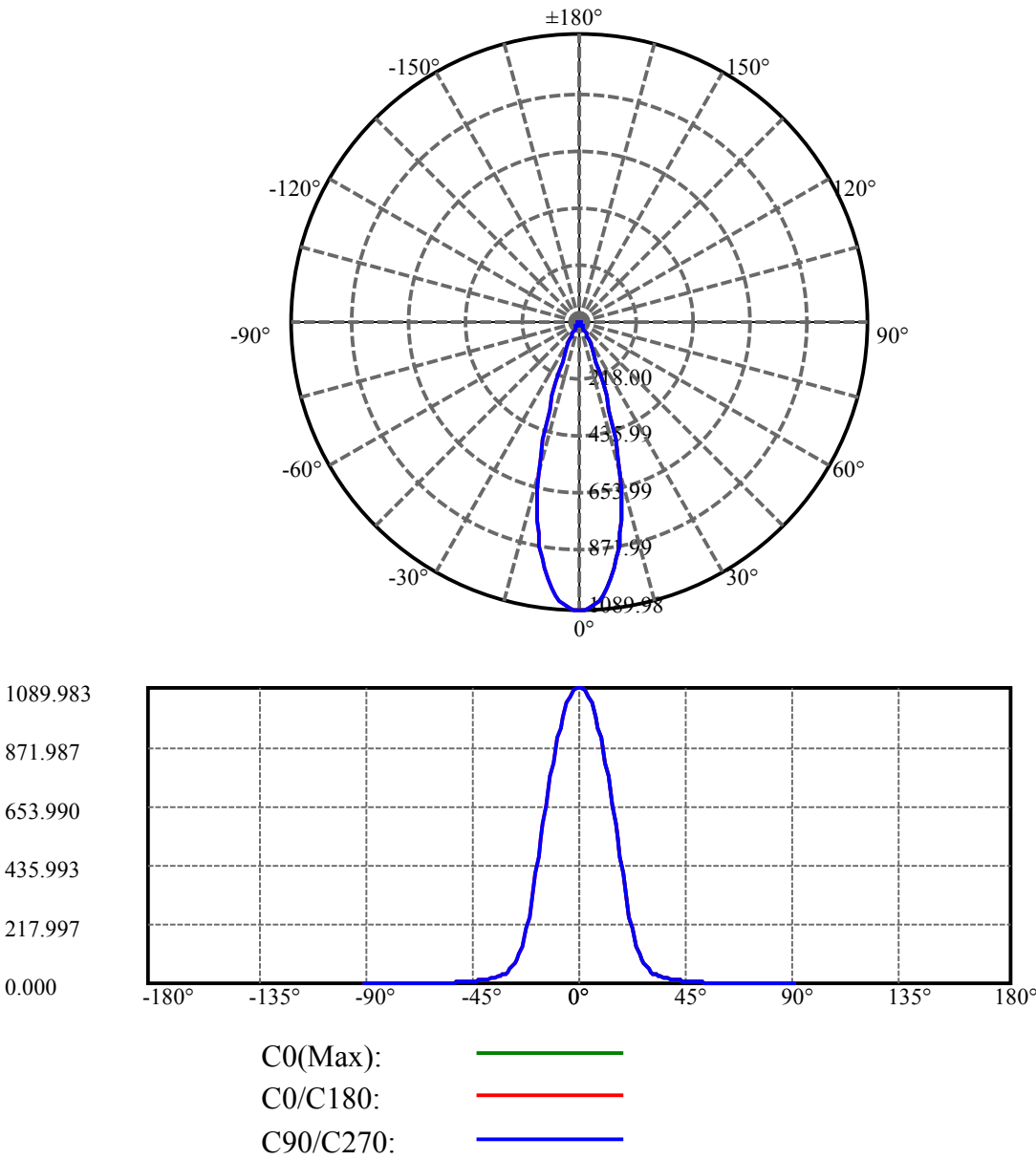
Aveage BeamAngle(IEC 61341):31.56

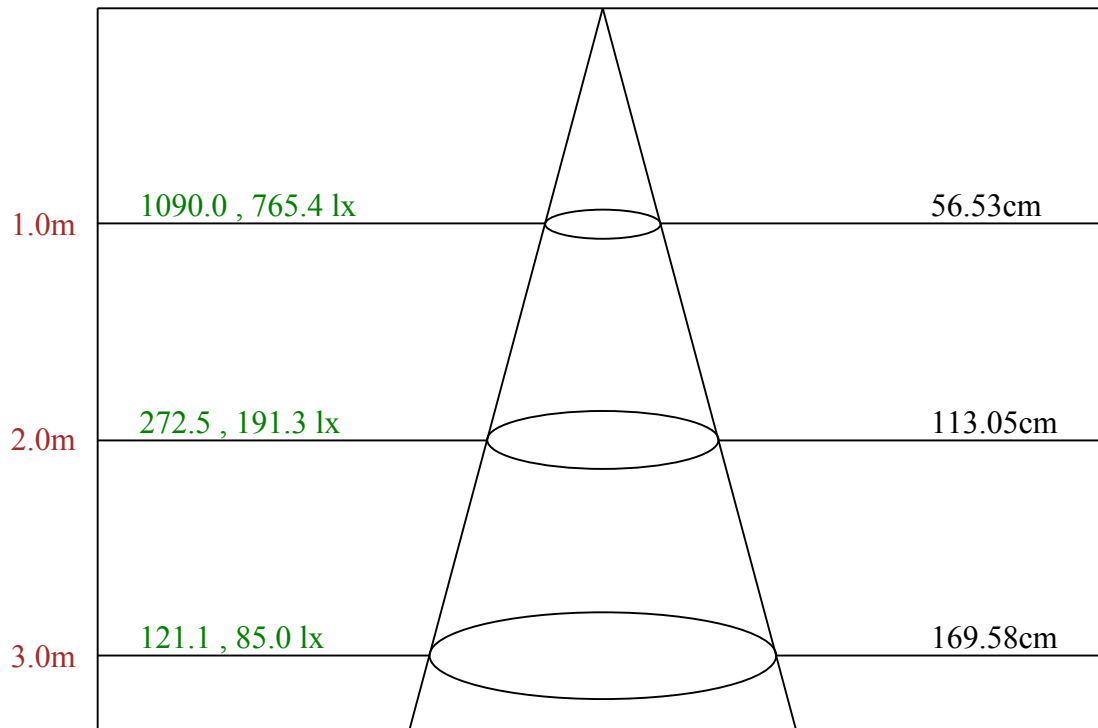
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Equipment: equipamento lumini  
Temperature(°C): 25.5

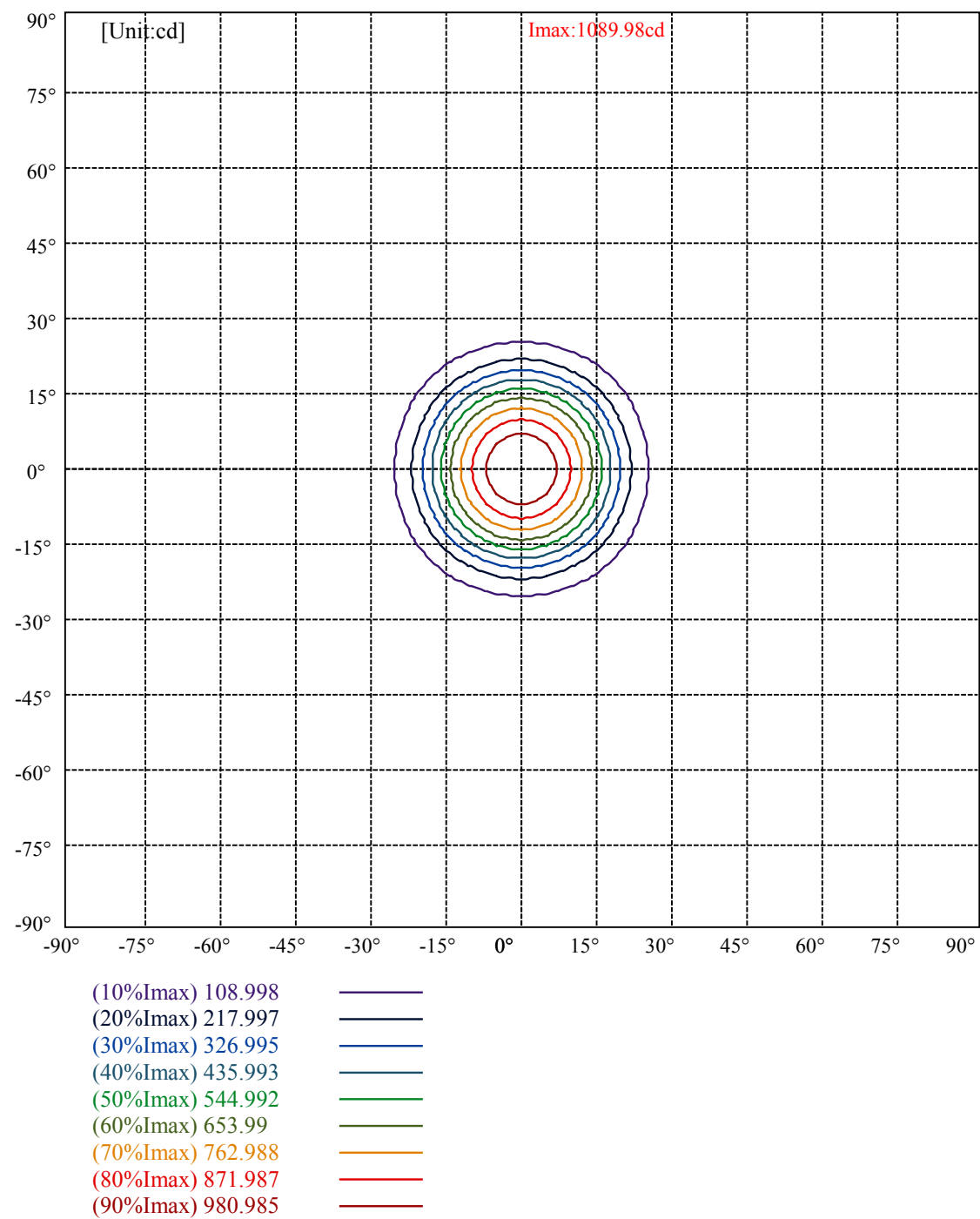
Date: 7/24/2024  
Humidity(%): 55.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 31.56



# lumini

## Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:5

Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	5252	3296	1992	1476	1465	1601	1931	2879	5736
C45	5252	3296	1992	1476	1465	1601	1931	2879	5736
C90	5252	3296	1992	1476	1465	1601	1931	2879	5736

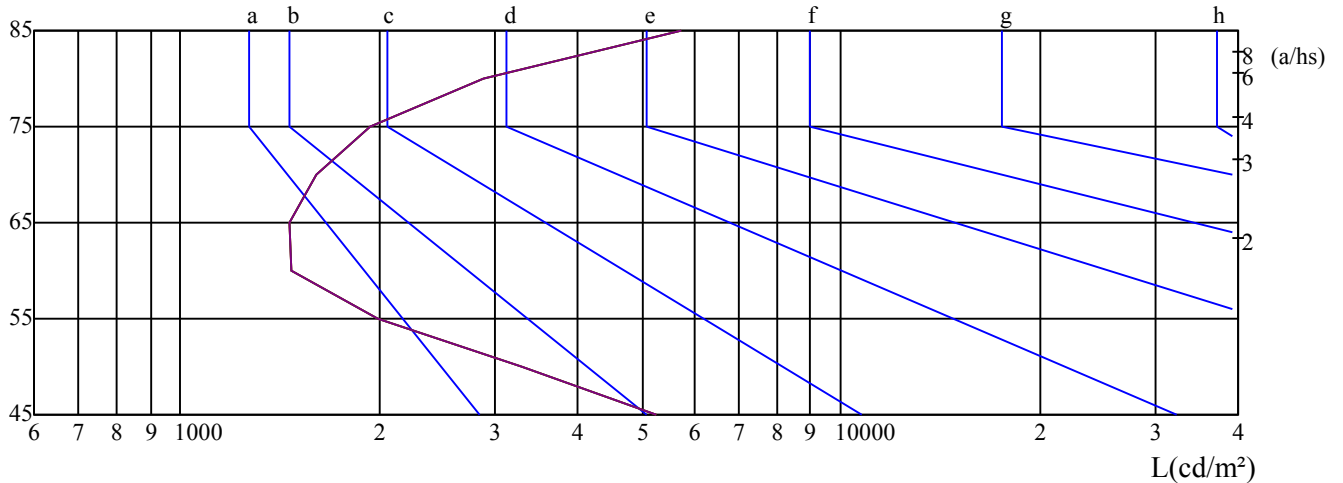
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1465	1465	1465	1931	1931	1931	5736	5736	5736

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): 25.5

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

Operator: 01  
Distance(m): 6.90