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## lumini

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LumCAT:

Luminaire: darklight 17 c serie 2 fa

LampCAT: modulo led 13W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1090

Number of Lamps: 1

Power (W): 13.5820

Lamp flux(lm): 1290.0

PF: 0.9850

Length(mm): 160

Width(mm): 25

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 979.94, Efficiency(%): 75.96% , Luminous Efficacy(lm/W): 72.15

Central intensity(cd): 1261.046, Maximum intensity(cd): 1261.451

Angle of maximum intensity:  $C=0.0$   $\gamma=2.0$

Beam angle of C0 plane : 50.83

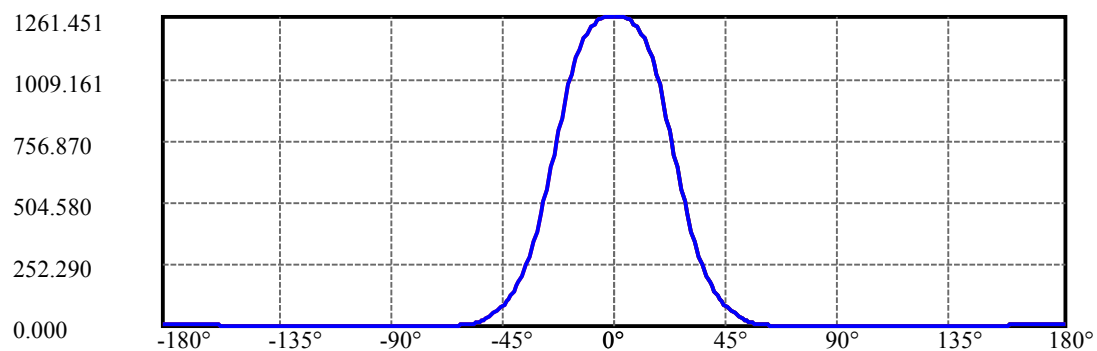
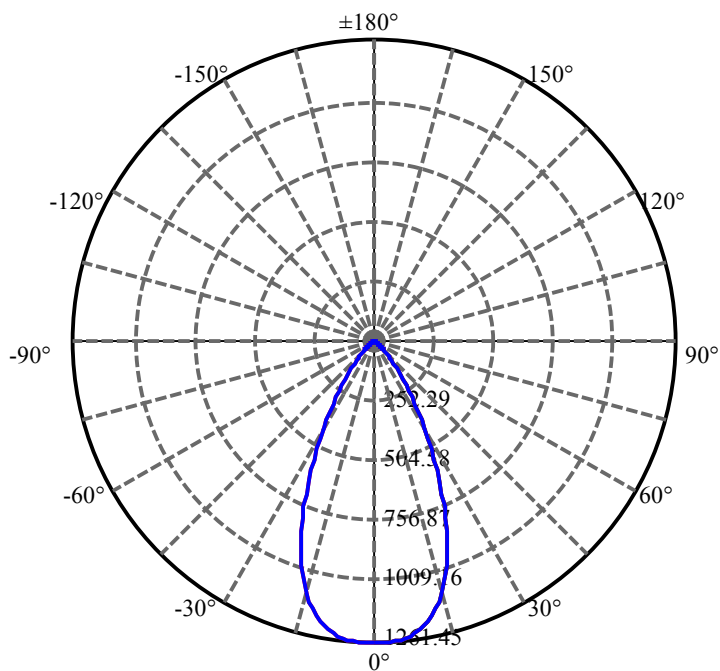
Average BeamAngle(IEC 61341): 50.83

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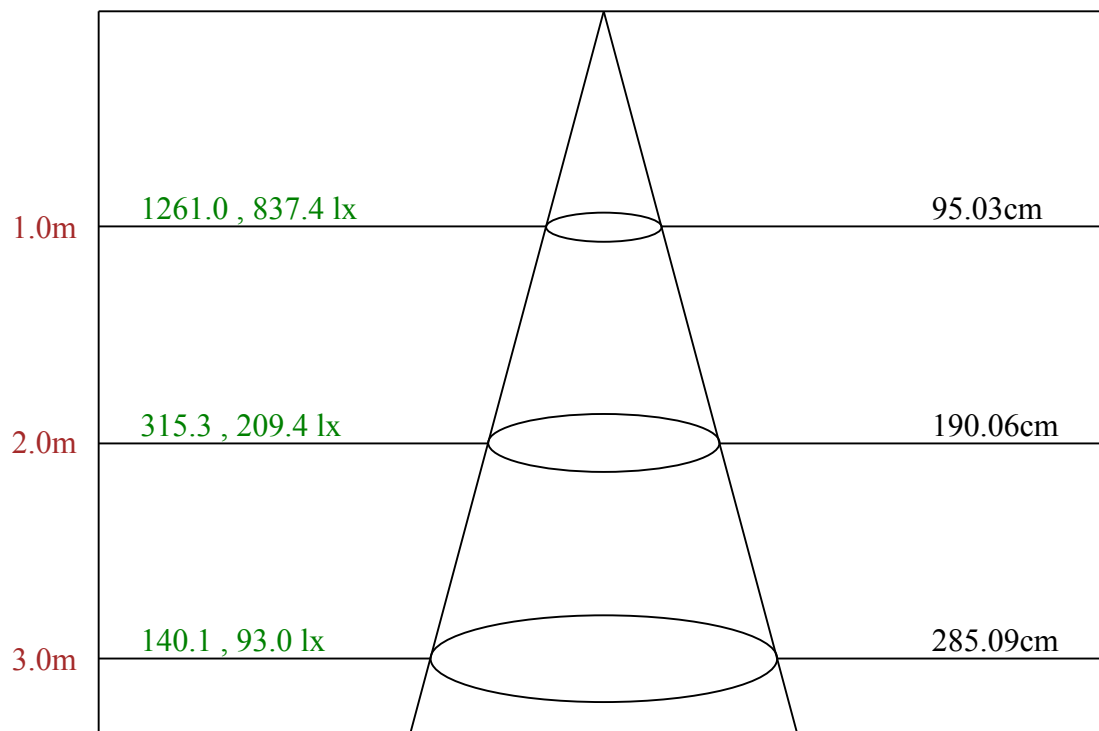
Equipment: equipamento lumini  
Temperature(°C): 26.3

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

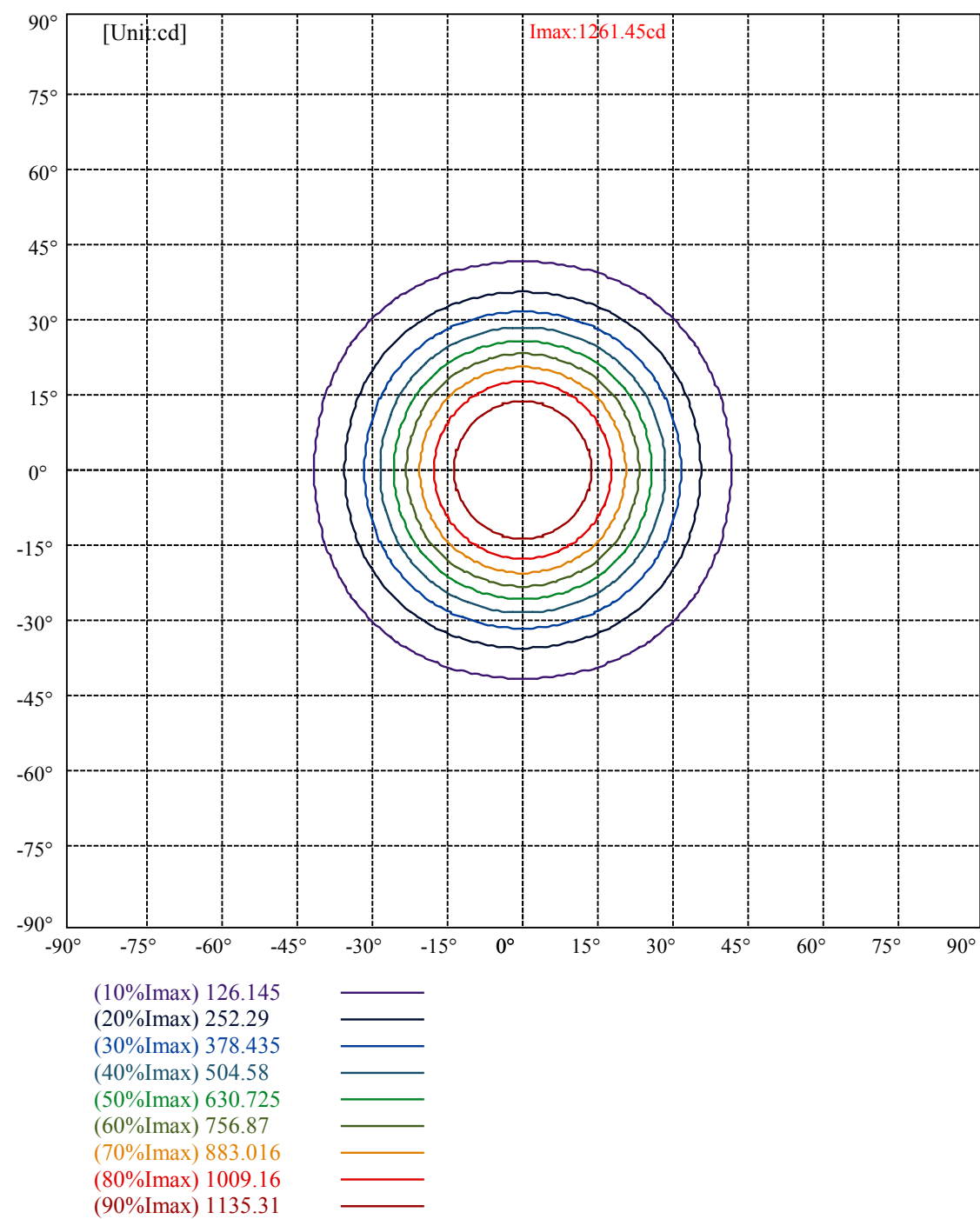
Operator: 01  
Distance(m): 6.90



C0(Max):  
C0/C180:  
C90/C270:



Max , Ave      Beam angle of C0 plane 50.83



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	27128	14779	6057	2345	1486	1705	2225	3316	6623
C45	27128	14779	6057	2345	1486	1705	2225	3316	6623
C90	27128	14779	6057	2345	1486	1705	2225	3316	6623

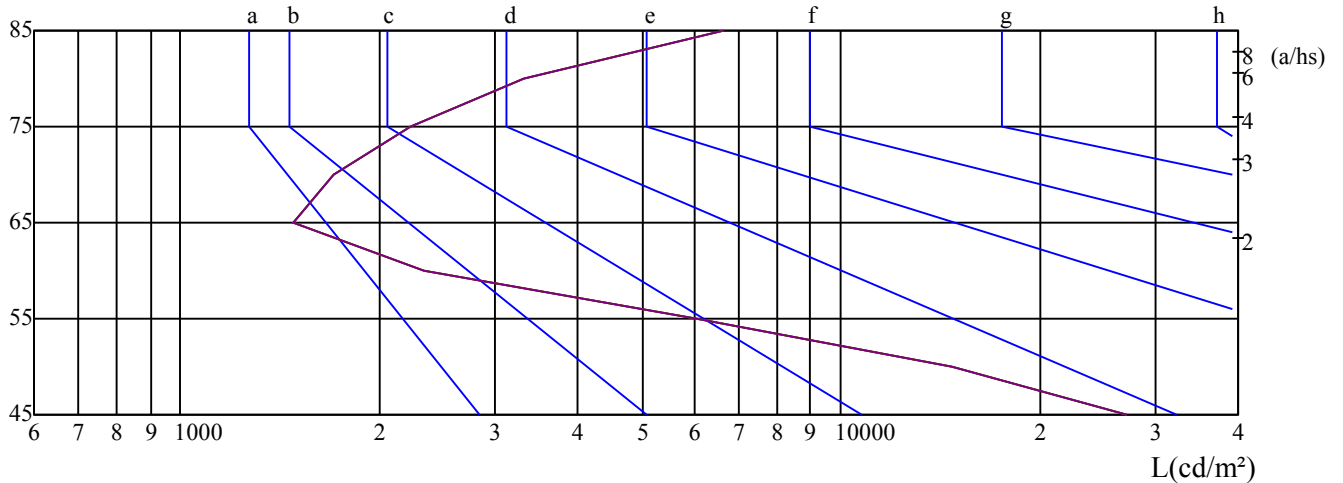
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1486	1486	1486	2225	2225	2225	6623	6623	6623

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