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## lumini

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LumCAT:

Luminaire: mini frame darklight 50 serie 2 e fc

LampCAT: modulo led 18W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0300

Test No:

Current(A): 0.1650

Number of Lamps: 1

Power (W): 20.7600

Lamp flux(lm): 2190.0

PF: 0.9890

Length(mm): 486

Width(mm): 25

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1837.85, Efficiency(%): 83.92% , Luminous Efficacy(lm/W): 88.53

Central intensity(cd): 9948.348, Maximum intensity(cd): 9948.348

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

Beam angle of C0 plane : 20.16

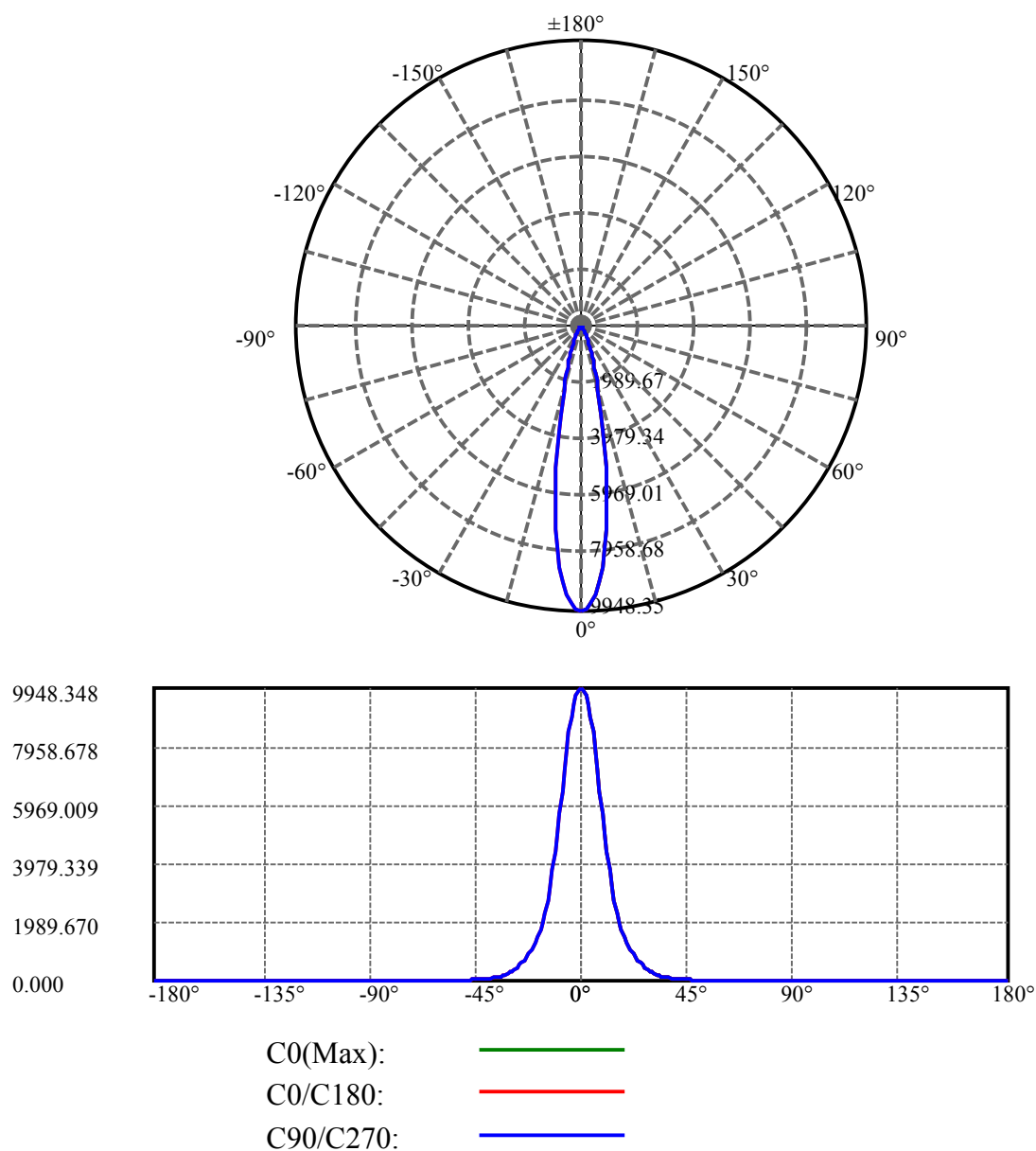
Aveage BeamAngle(IEC 61341):20.16

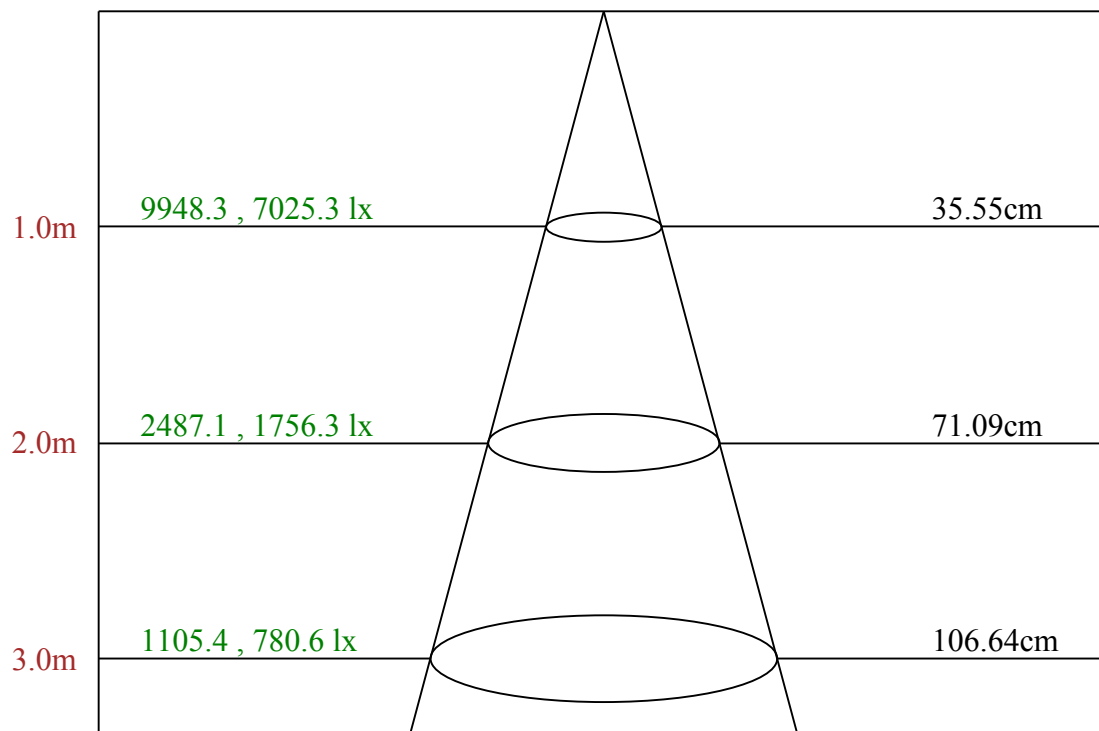
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Equipment: equipamento lumini  
Temperature(°C): 26.3

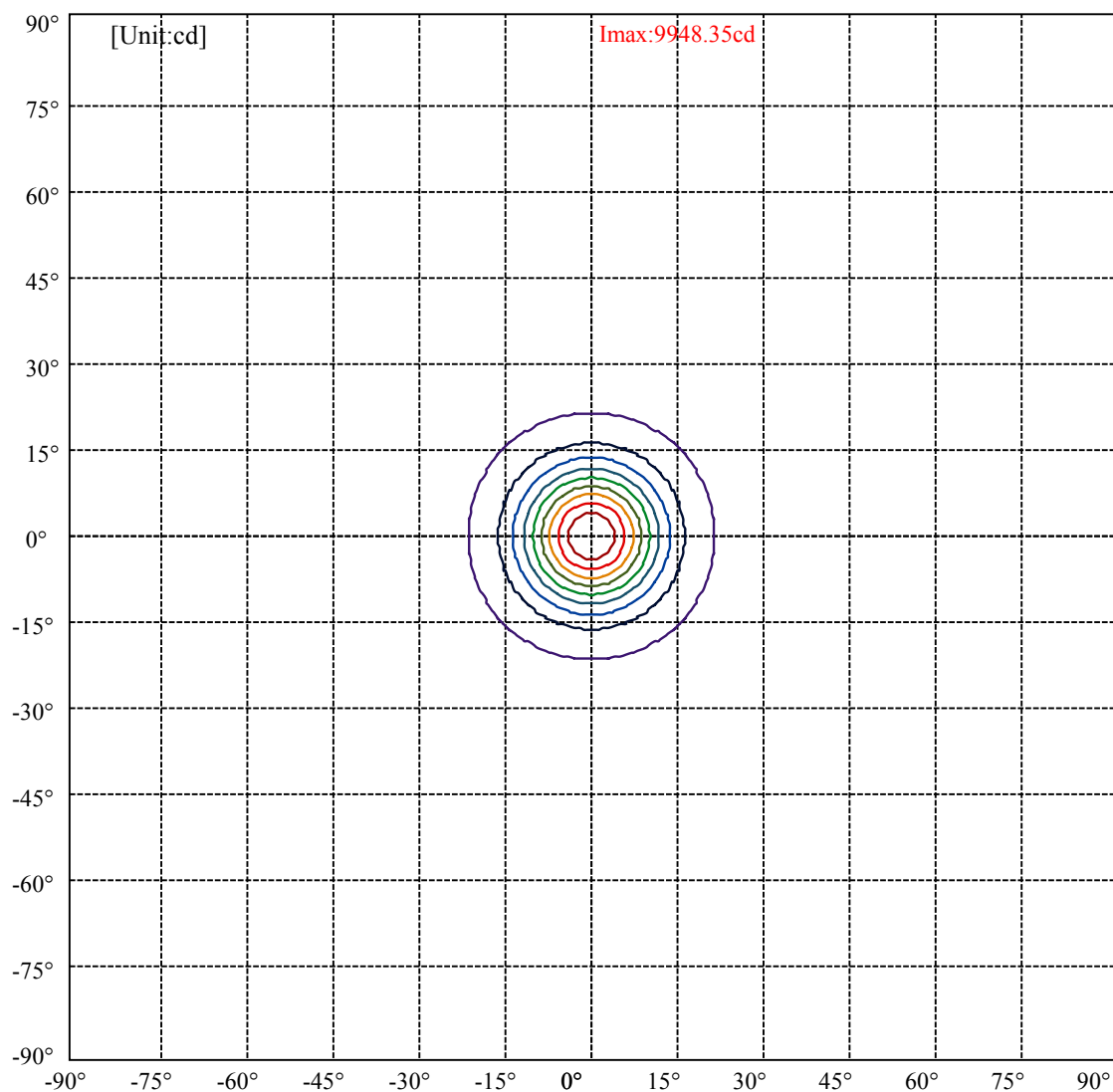
Date: 13/02/2025  
Humidity(%): 57.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 20.16



(10%Imax) 994.835	—
(20%Imax) 1989.67	—
(30%Imax) 2984.5	—
(40%Imax) 3979.34	—
(50%Imax) 4974.17	—
(60%Imax) 5969.01	—
(70%Imax) 6963.84	—
(80%Imax) 7958.68	—
(90%Imax) 8953.51	—

# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	4335	2874	1912	1261	1113	1280	1675	2505	4968
C45	4335	2874	1912	1261	1113	1280	1675	2505	4968
C90	4335	2874	1912	1261	1113	1280	1675	2505	4968

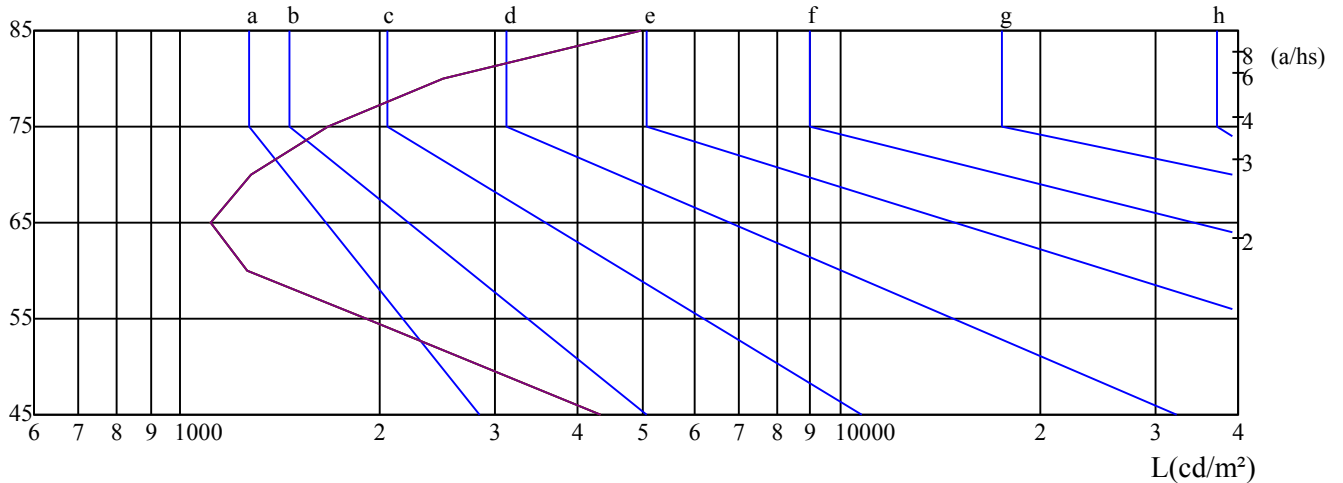
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1113	1113	1113	1675	1675	1675	4968	4968	4968

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: 13/02/2025  
Humidity(%): 57.0%

Operator: 01  
Distance(m): 6.90