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LumCAT:

Luminaire: mini frame concentra 17 serie 3 e fa

LampCAT: modulo led 12W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 221.0000

Test No:

Current(A): 0.0640

Number of Lamps: 1

Power (W): 13.9500

Lamp flux(lm): 1290.0

PF: 0.9700

Length(mm): 145

Width(mm): 20

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 808.47, Efficiency(%): 62.67% , Luminous Efficacy(lm/W): 57.96

Central intensity(cd): 1359.837, Maximum intensity(cd): 1359.837

Angle of maximum intensity: C=0.0 γ =0.0

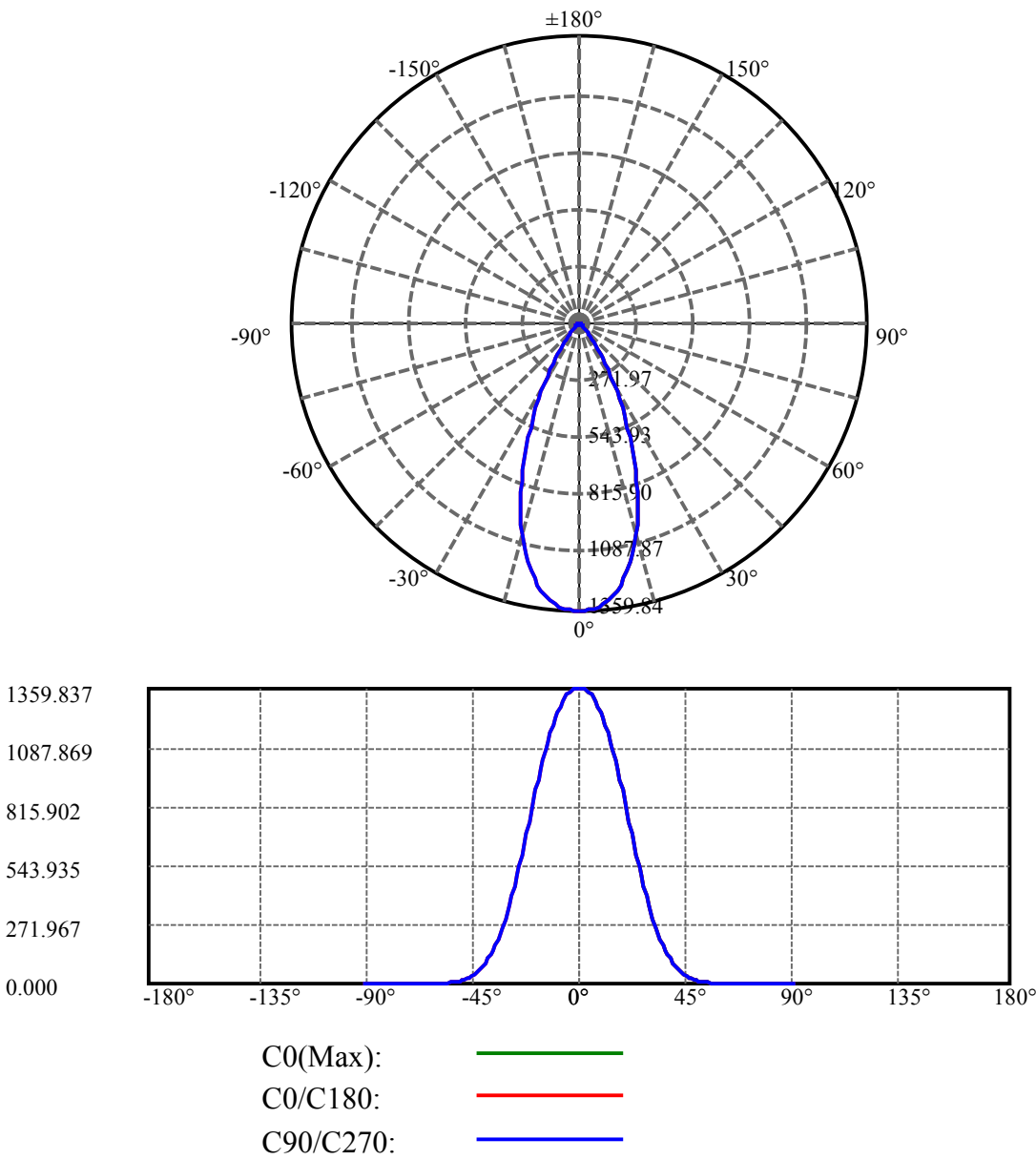
Beam angle of C0 plane : 44.56

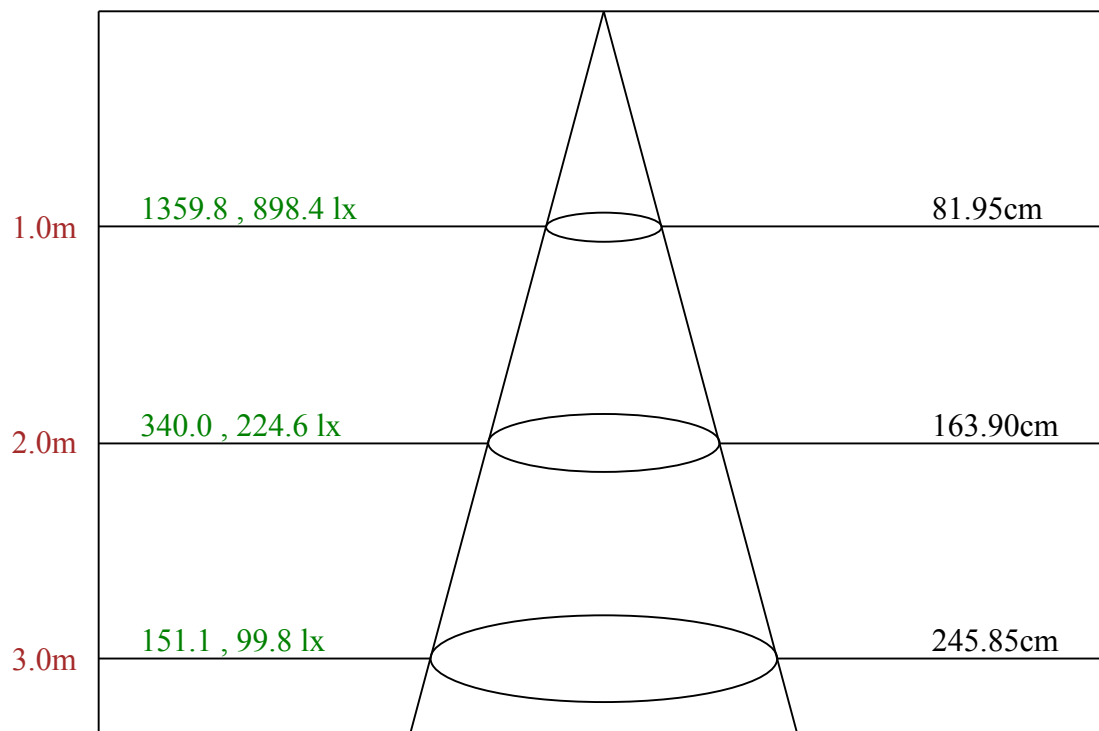
Average BeamAngle(IEC 61341): 44.56

Equipment: equipamento lumini
Temperature(°C): 25.5

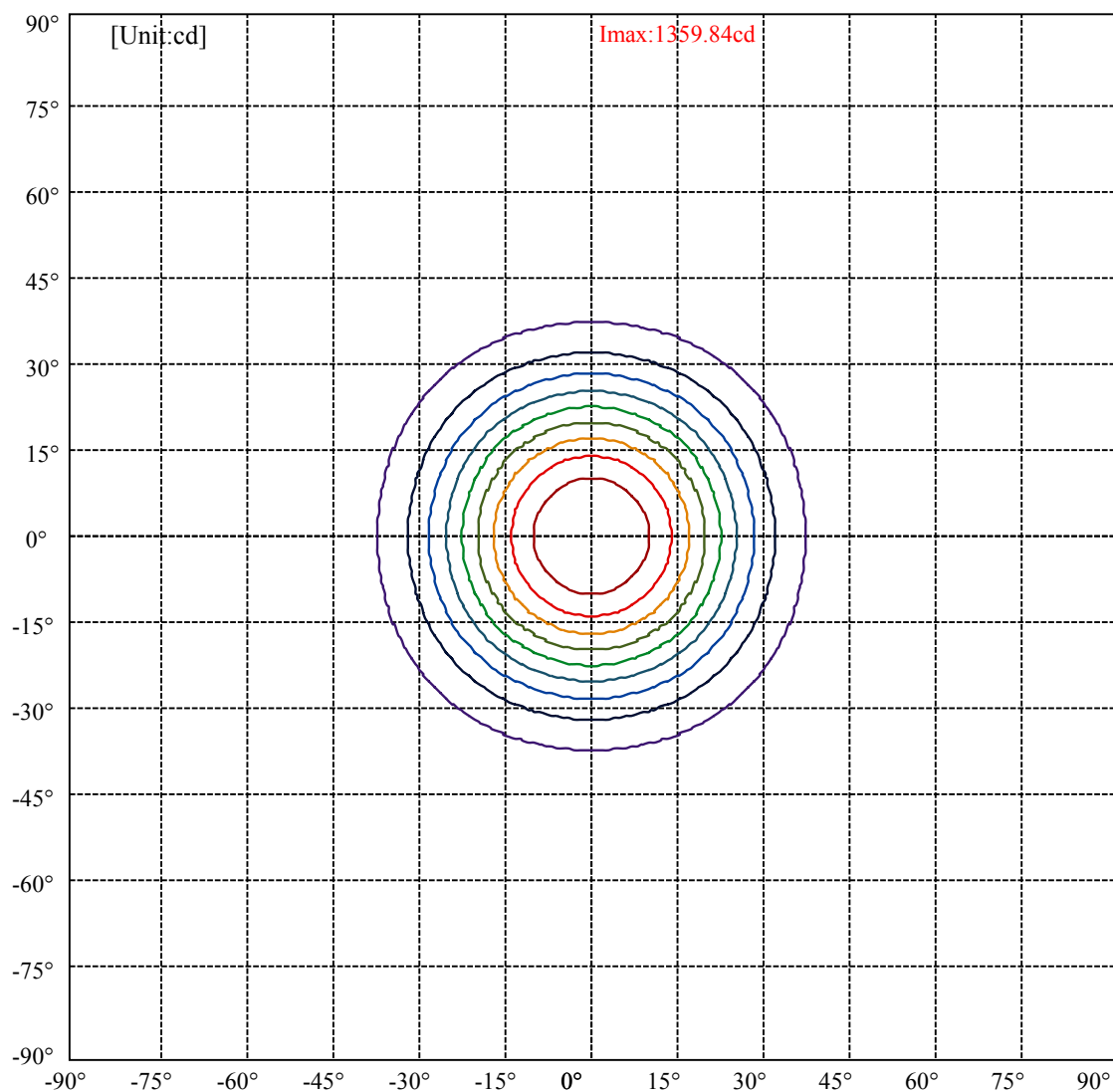
Date: 8/7/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 44.56



(10%Imax) 135.984	—
(20%Imax) 271.967	—
(30%Imax) 407.951	—
(40%Imax) 543.935	—
(50%Imax) 679.918	—
(60%Imax) 815.902	—
(70%Imax) 951.886	—
(80%Imax) 1087.87	—
(90%Imax) 1223.85	—

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Luminance Limiting Curve(no luminous side)

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Luminance Table

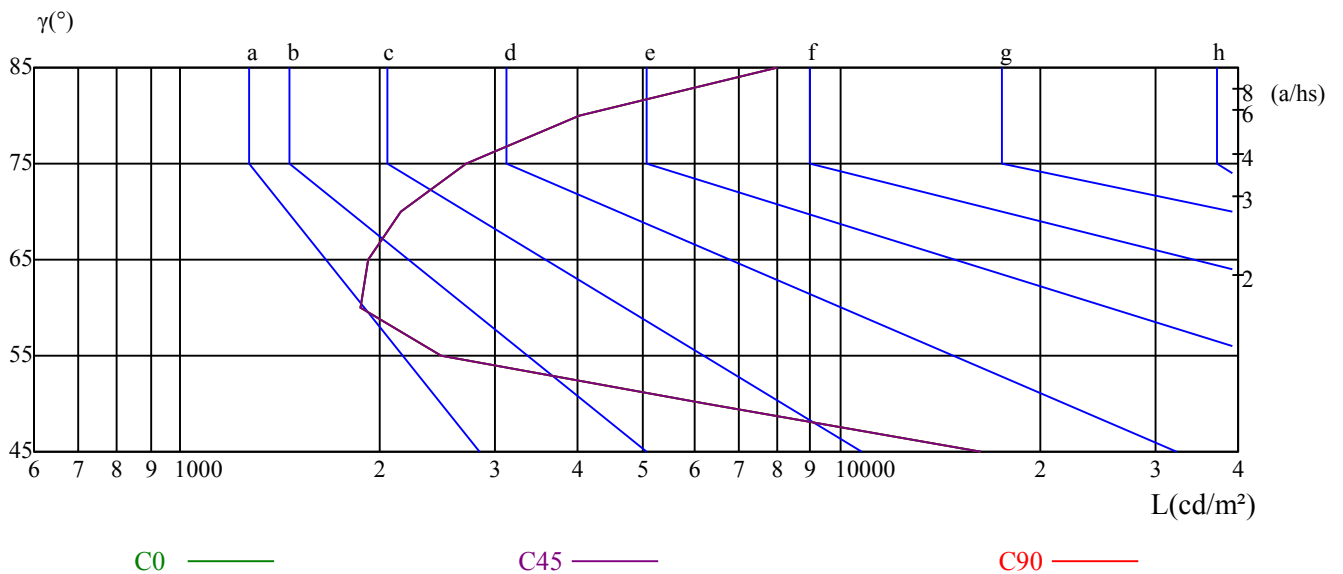
γ	45	50	55	60	65	70	75	80	85
C0	16270	6245	2476	1872	1923	2160	2712	4018	8006
C45	16270	6245	2476	1872	1923	2160	2712	4018	8006
C90	16270	6245	2476	1872	1923	2160	2712	4018	8006

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1923	1923	1923	2712	2712	2712	8006	8006	8006

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



Equipment: equipamento lumini
Temperature($^{\circ}\text{C}$): 25.5

Date: 8/7/2024
Humidity(%): 55.0%

Operator: 01
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