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LumCAT:

Luminaire: darklight 17 c serie 2 fc

LampCAT: modulo led 12W 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): 13.5910

Lamp flux(lm): 1290.0

PF: 0.9860

Length(mm): 160

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1093.58, Efficiency(%): 84.77% , Luminous Efficacy(lm/W): 80.46

Central intensity(cd): 6200.429, Maximum intensity(cd): 6200.429

Angle of maximum intensity: C=0.0 γ =0.0

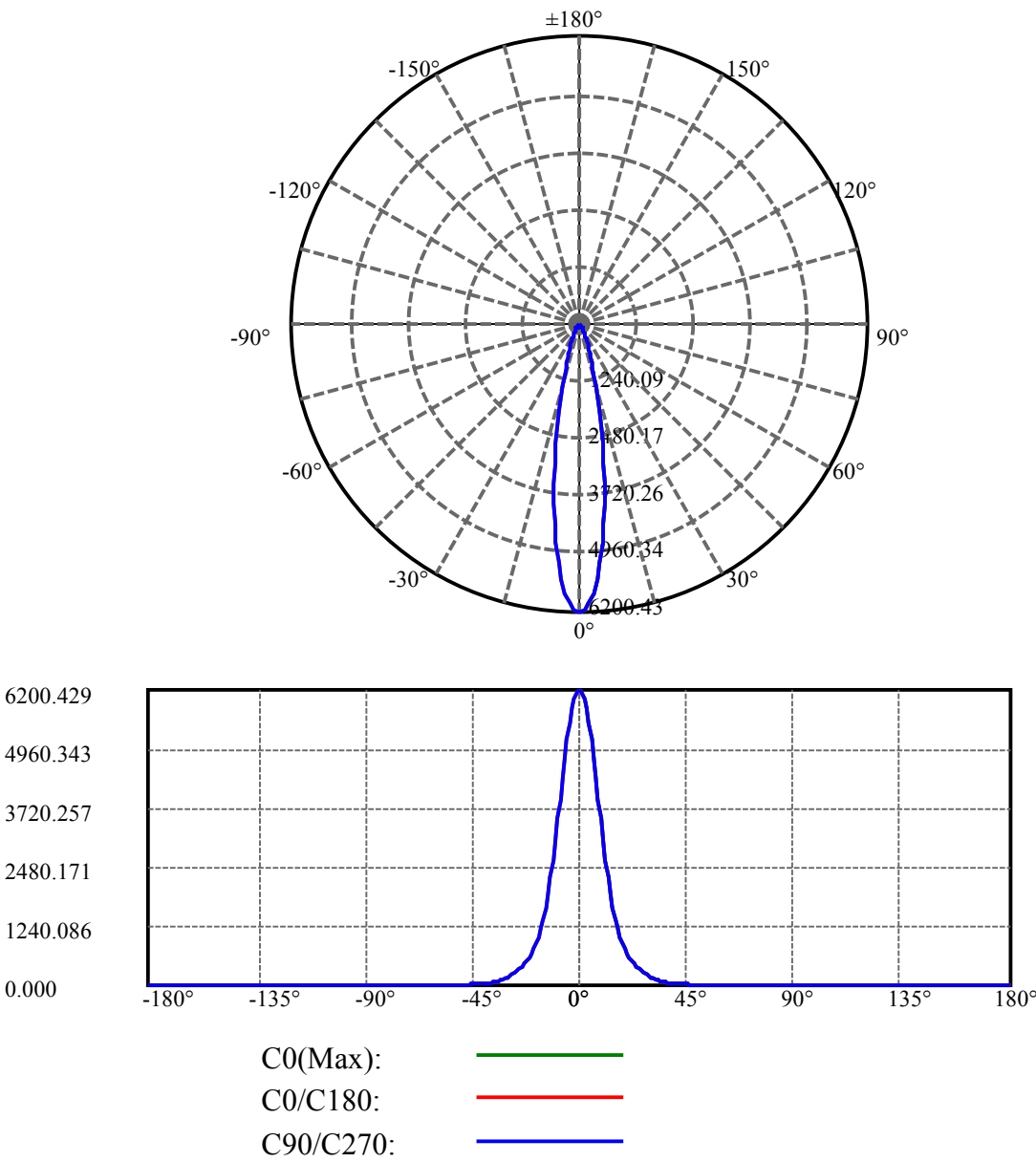
Beam angle of C0 plane : 19.73

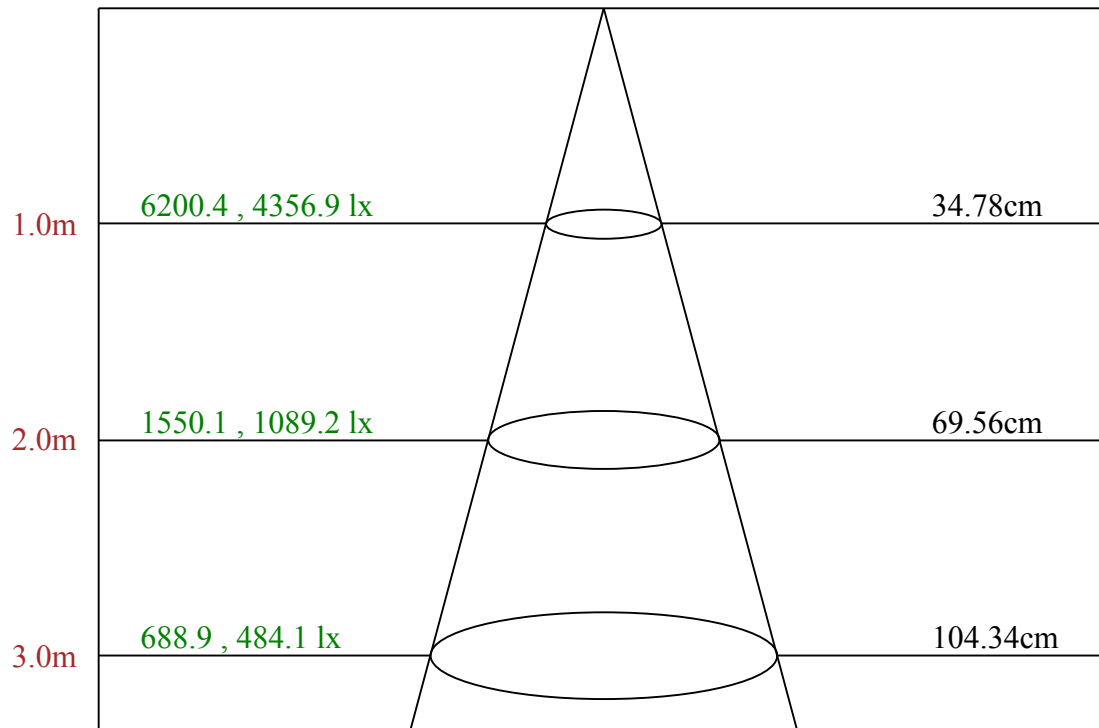
Aveage BeamAngle(IEC 61341):19.73

Equipment: equipamento lumini
Temperature(°C): 26.3

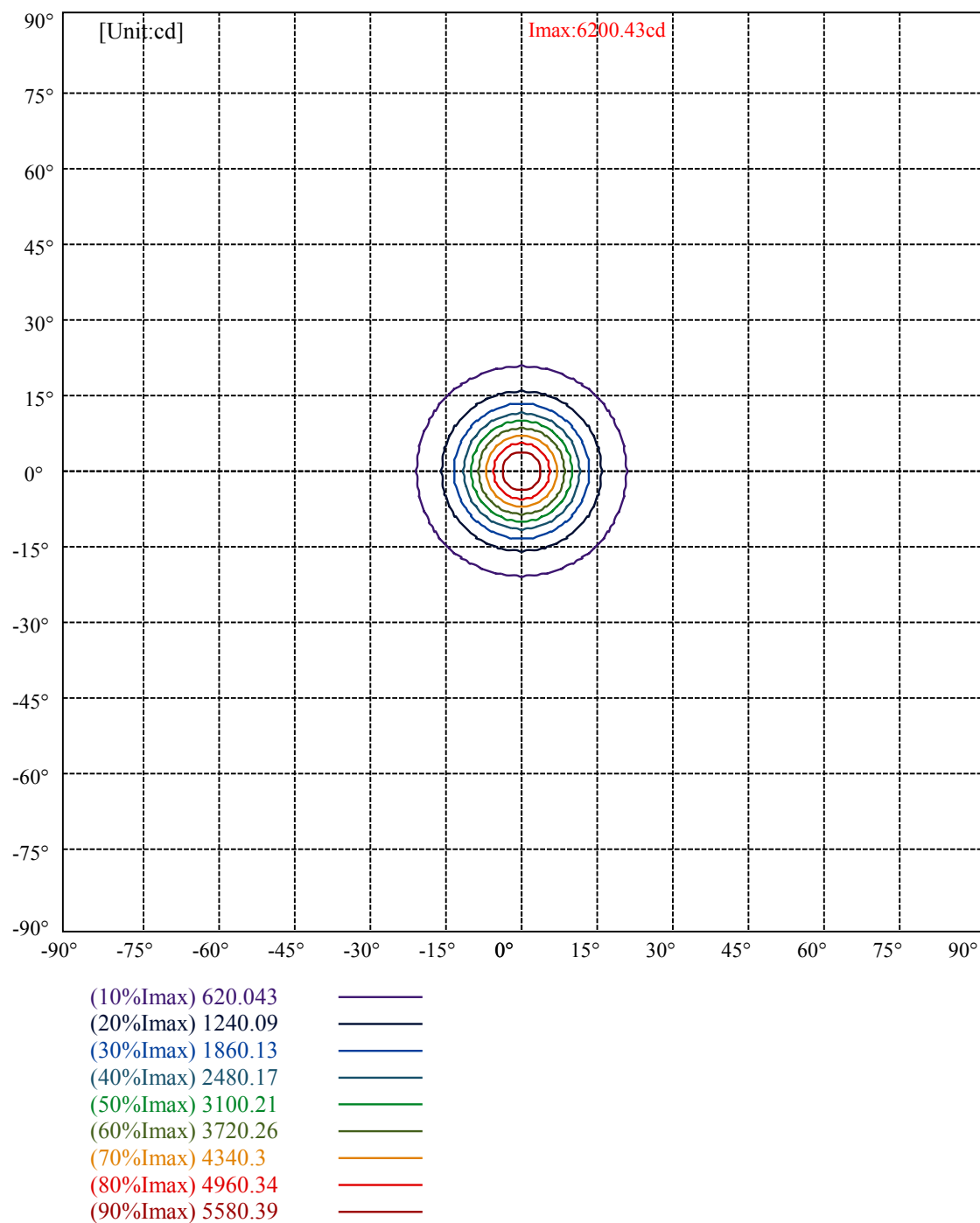
Date: 12/02/2025
Humidity(%): 57.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 19.73



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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	7430	4805	3237	2157	1943	2245	2972	4438	8843
C45	7430	4805	3237	2157	1943	2245	2972	4438	8843
C90	7430	4805	3237	2157	1943	2245	2972	4438	8843

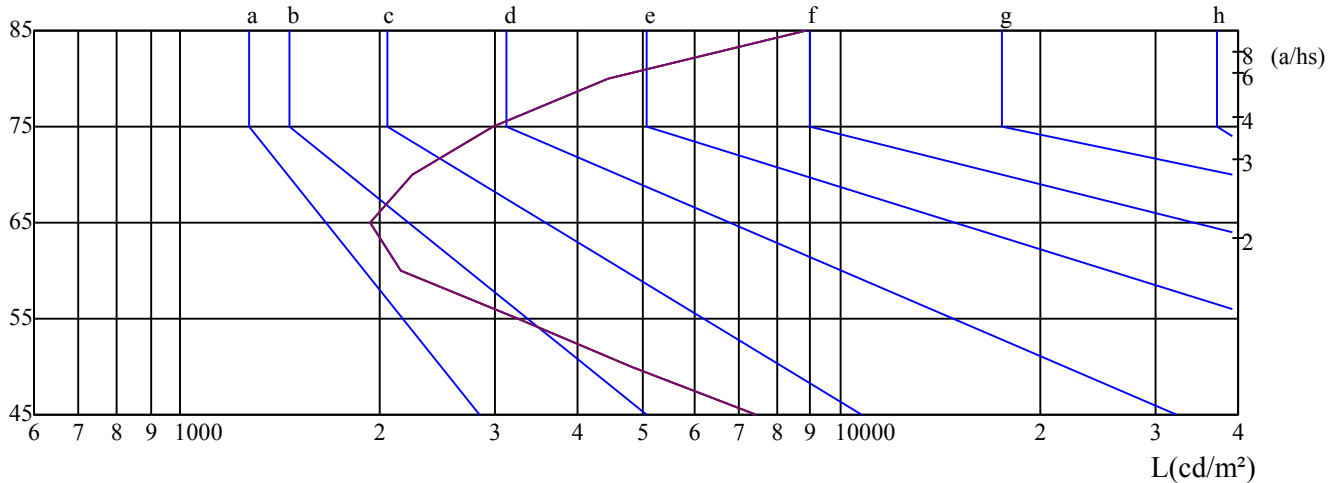
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1943	1943	1943	2972	2972	2972	8843	8843	8843

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

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

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

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

Operator: 01
Distance(m): 6.90