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LumCAT:

Luminaire: darklight 34 c serie 2 fa

LampCAT: modulo led 24W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0200

Test No:

Current(A): 0.2070

Number of Lamps: 1

Power (W): 26.1690

Lamp flux(lm): 2580.0

PF: 0.9940

Length(mm): 320

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1885.25, Efficiency(%): 73.07% , Luminous Efficacy(lm/W): 72.04

Central intensity(cd): 2137.284, Maximum intensity(cd): 2168.159

Angle of maximum intensity: C=0.0 γ =8.0

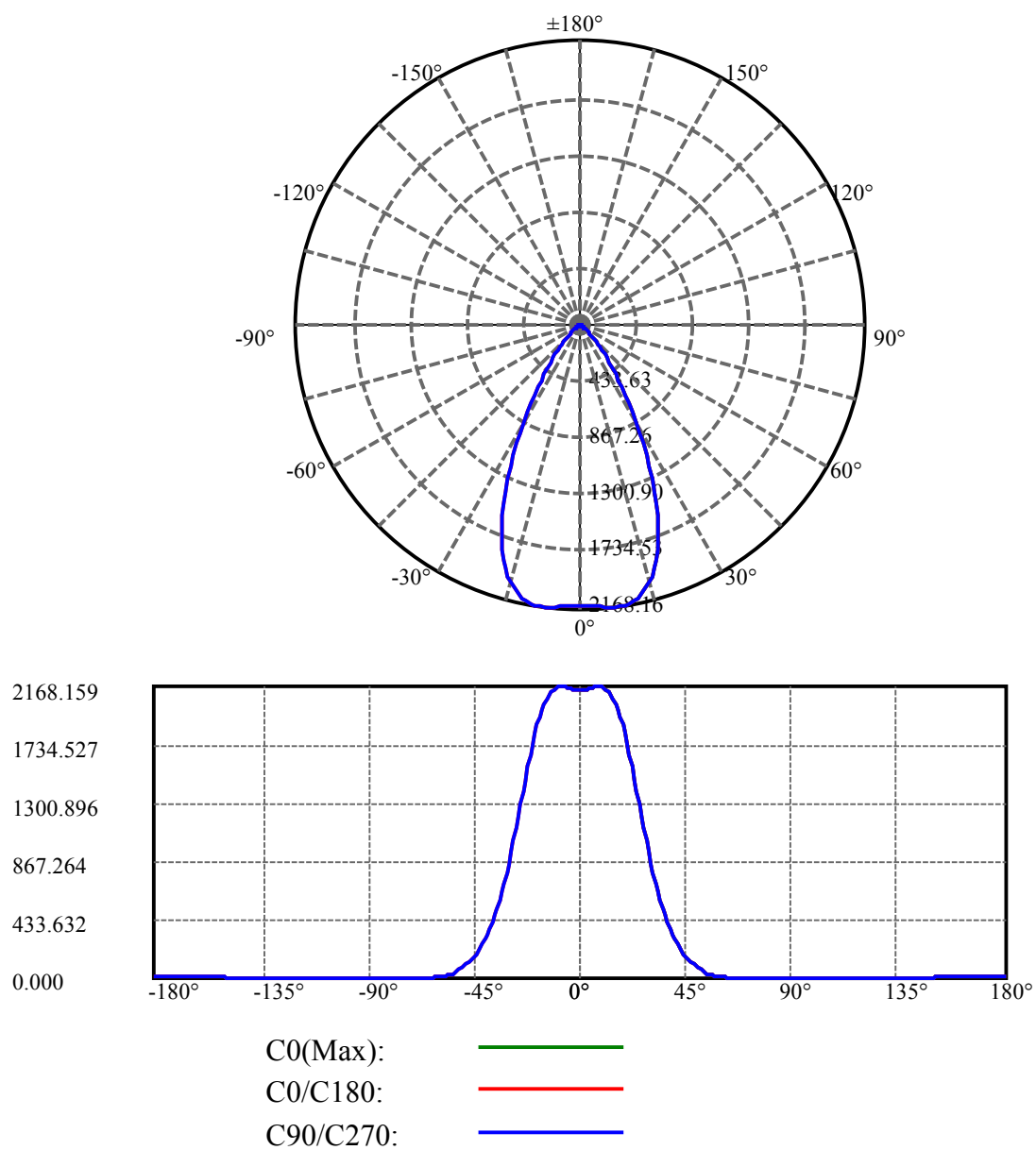
Beam angle of C0 plane : 55.01

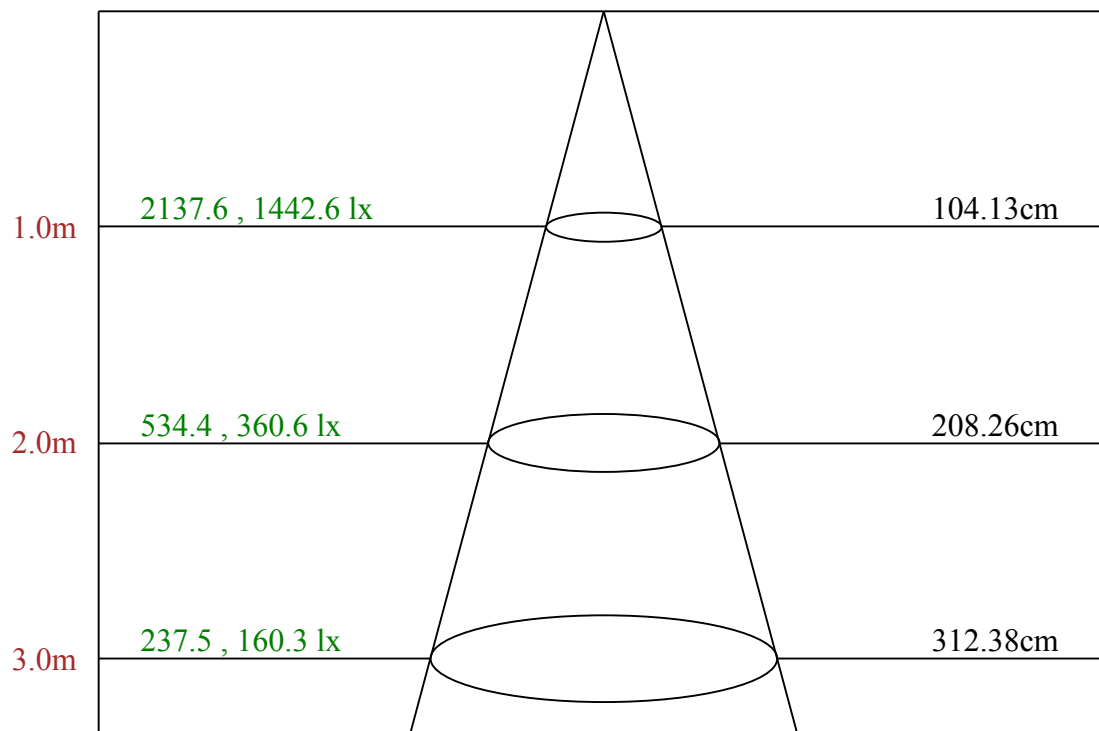
Average BeamAngle(IEC 61341): 55.01

Equipment: equipamento lumini
Temperature(°C): 27.2

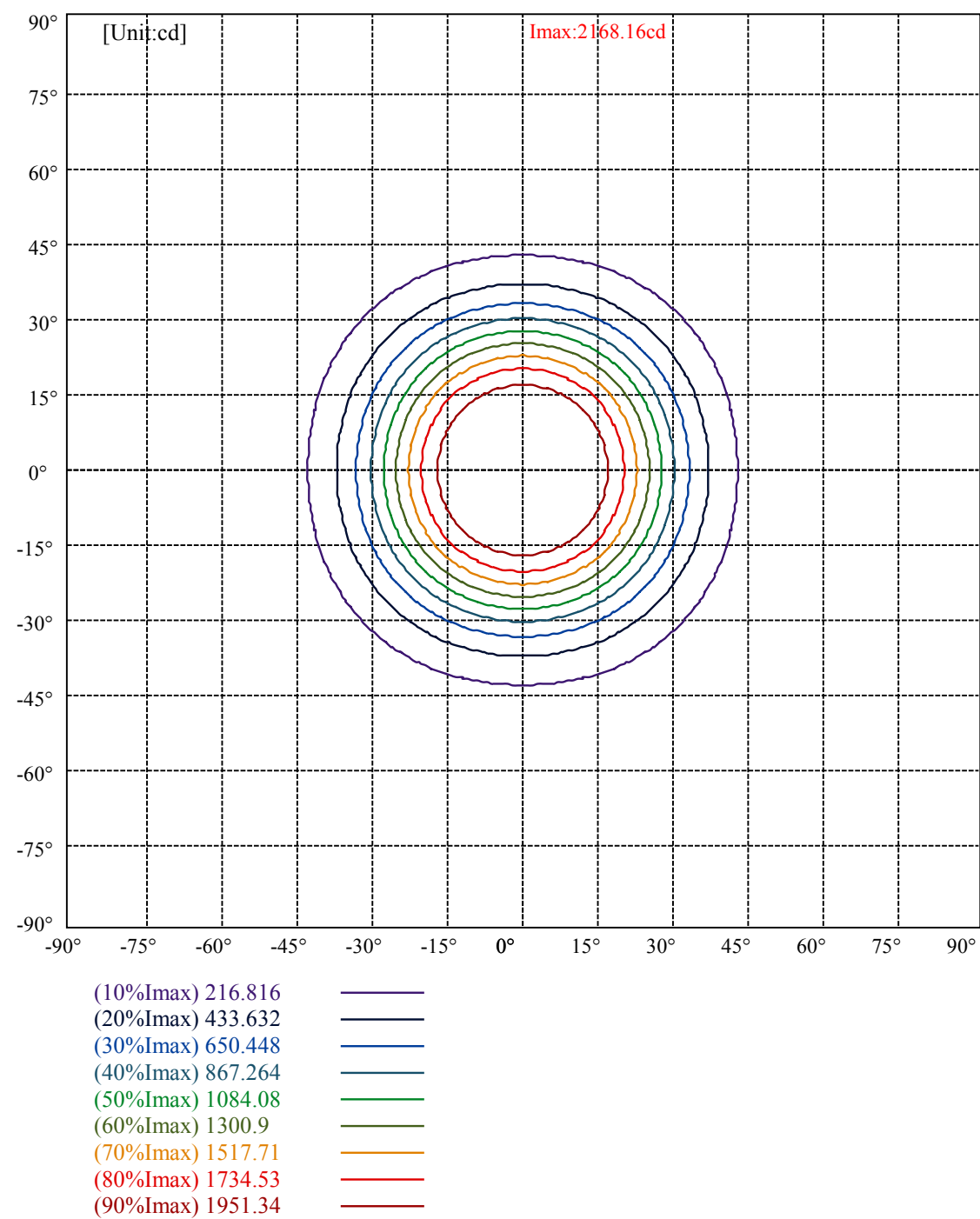
Date: 19/02/2025
Humidity(%): 59.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 55.01



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:5

Luminance Table

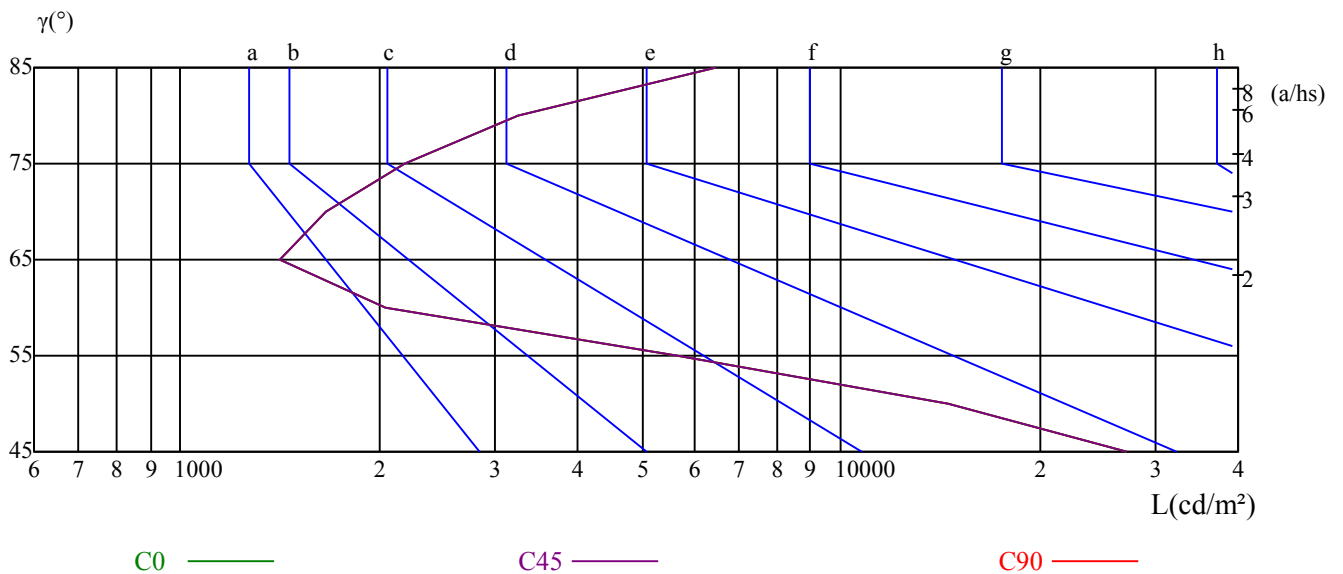
γ	45	50	55	60	65	70	75	80	85
C0	27164	14588	5668	2047	1417	1662	2182	3247	6461
C45	27164	14588	5668	2047	1417	1662	2182	3247	6461
C90	27164	14588	5668	2047	1417	1662	2182	3247	6461

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1417	1417	1417	2182	2182	2182	6461	6461	6461

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($^{\circ}\text{C}$): 27.2

Date: 19/02/2025
Humidity(%): 59.0%

Operator: 01
Distance(m): 6.90