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LumCAT:

Luminaire: mini led line perfil 24V c lp 4.5W

LampCAT: modulo led line 9W/m 24Vdc 30K irc 90

Ballast type: led line driver 24V

Report No:

Voltage(V): 127.8400

Test No:

Current(A): 0.0850

Number of Lamps: 1

Power (W): 5.6790

Lamp flux(lm): 455.0

PF: 0.5220

Length(mm): 500

Width(mm): 10

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 133.04, Efficiency(%): 29.24% , Luminous Efficacy(lm/W): 23.43

Central intensity(cd): 43.004, Maximum intensity(cd): 43.004

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

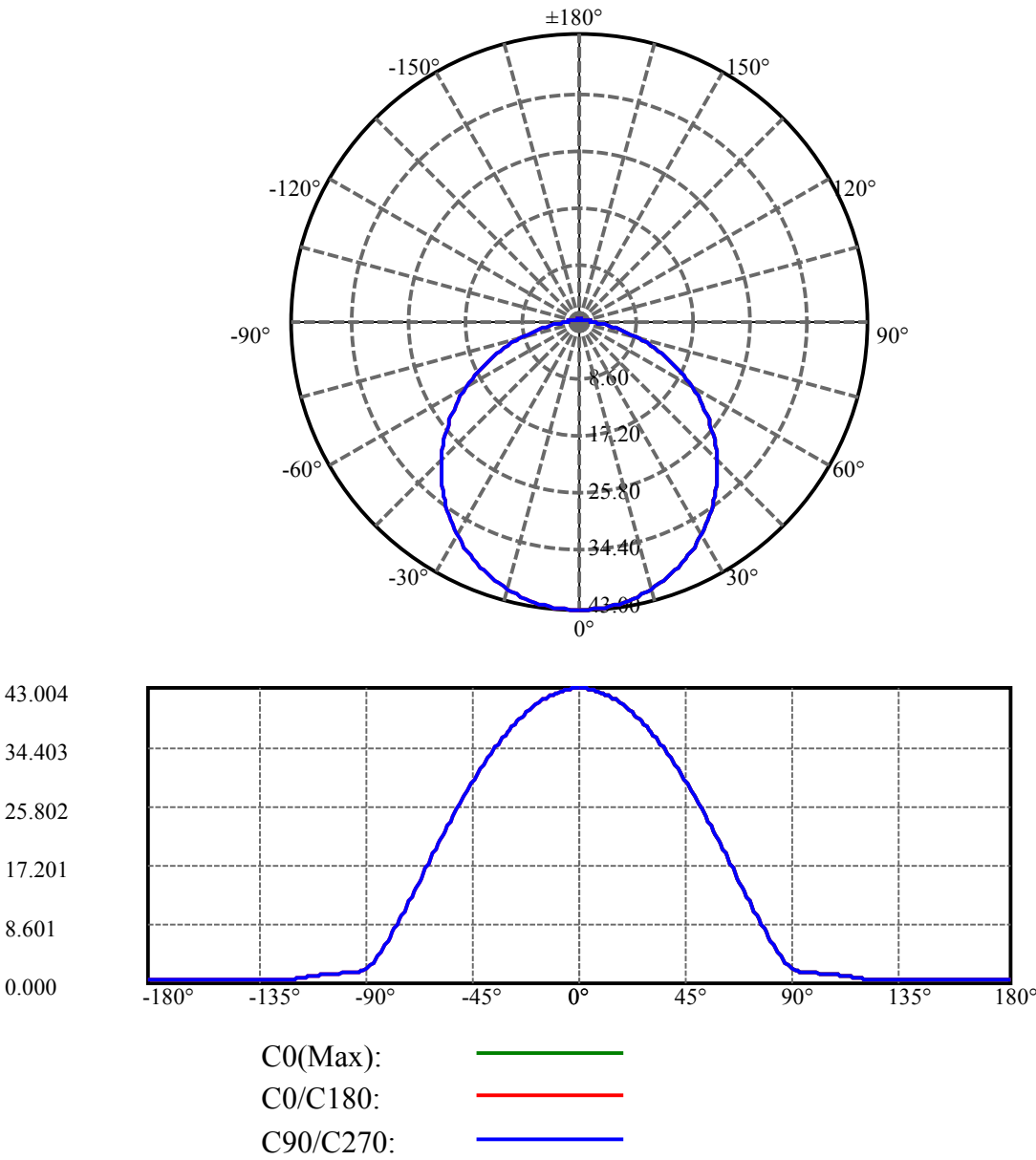
Beam angle of C0 plane : 114.13

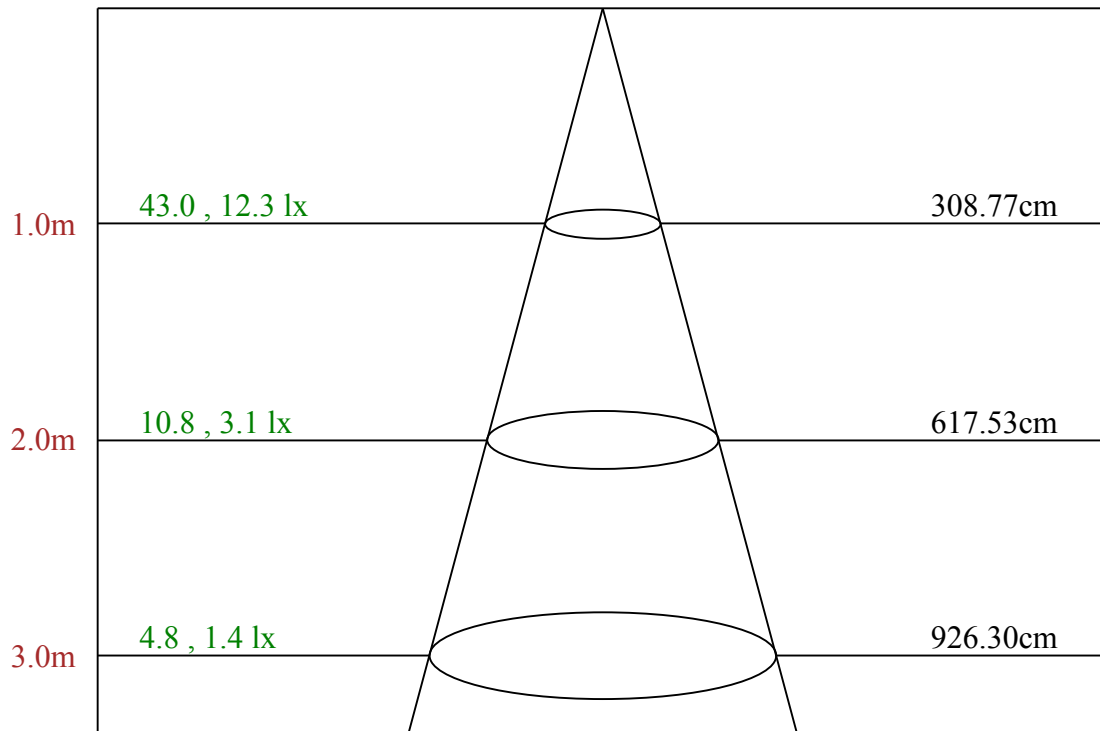
Average BeamAngle(IEC 61341): 114.13

Equipment: equipamento lumini
Temperature(°C): 29.3

Date: 24/04/2025
Humidity(%): 51.0%

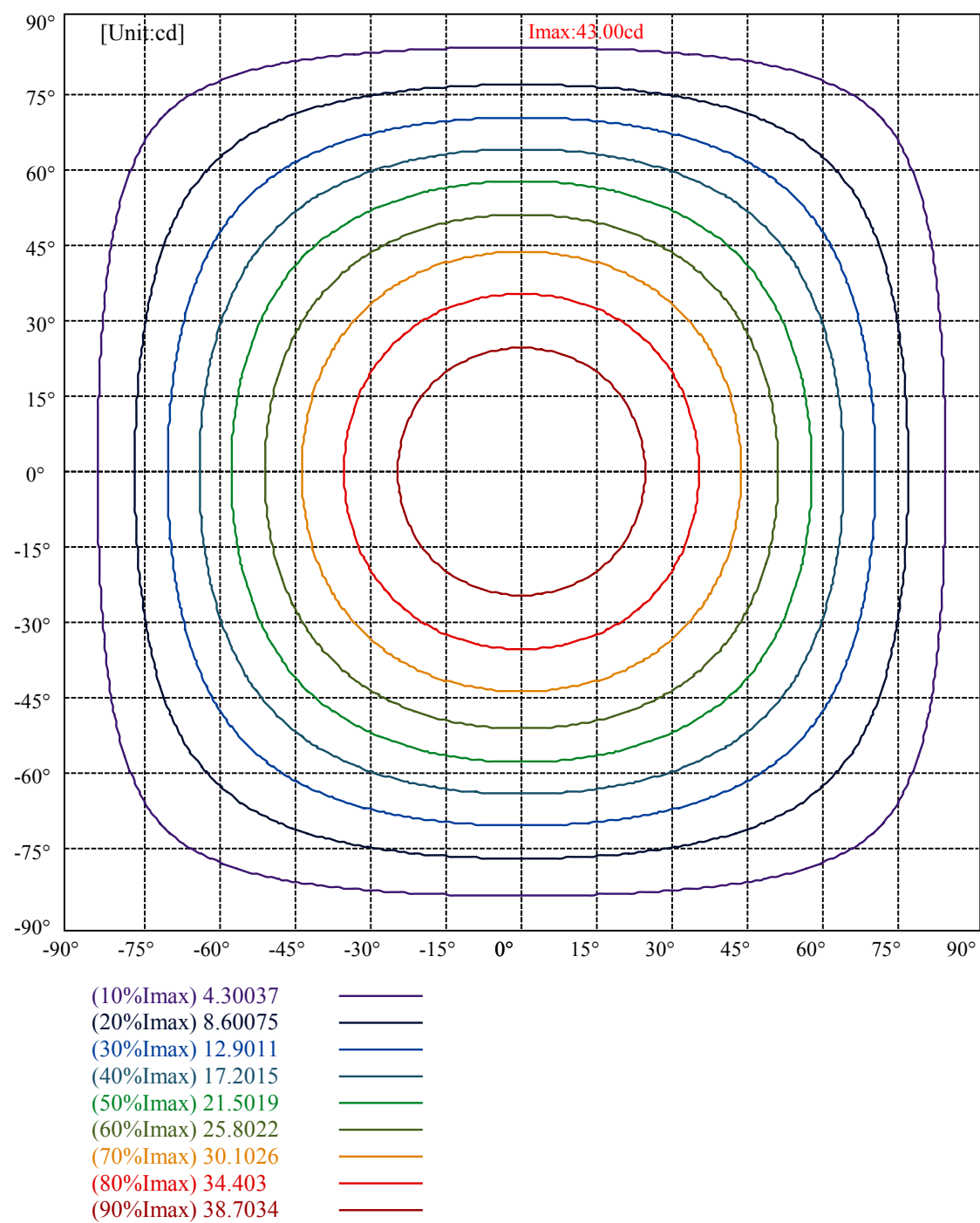
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 114.13



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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	8235	8122	7969	7832	7590	7371	7146	7115	7825
C45	8235	8122	7969	7832	7590	7371	7146	7115	7825
C90	8235	8122	7969	7832	7590	7371	7146	7115	7825

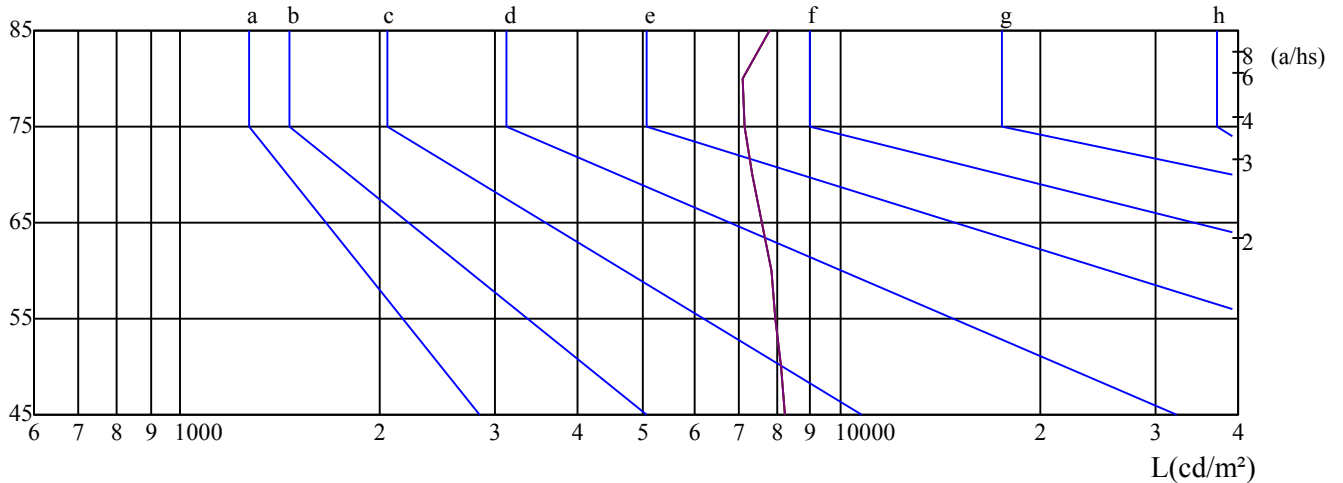
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
7590	7590	7590	7146	7146	7146	7825	7825	7825

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

$\gamma(^{\circ})$



Equipment: equipamento lumini
Temperature($^{\circ}\text{C}$): 29.3

Date: 24/04/2025
Humidity(%): 51.0%

Operator: 01
Distance(m): 6.90

Illumination assessment according UGR											
Rf of Ceiling		70	70	50	50	30	70	70	50	50	30
Rf of Wall		50	30	50	30	30	50	30	50	30	30
Rf of Floor		20	20	20	20	20	20	20	20	20	20
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	19.59	21.15	20.01	21.55	21.97	19.73	21.30	20.16	21.70	22.12
	3H	21.44	22.86	21.88	23.28	23.72	21.56	22.98	22.00	23.40	23.85
	4H	22.22	23.56	22.68	23.99	24.46	22.28	23.62	22.73	24.05	24.51
	6H	22.94	24.19	23.41	24.64	25.13	22.86	24.11	23.33	24.55	25.05
	8H	23.24	24.44	23.71	24.90	25.40	23.05	24.26	23.52	24.71	25.21
	12H	23.49	24.65	23.97	25.12	25.62	23.19	24.35	23.67	24.81	25.32
4H	2H	20.40	21.74	20.86	22.18	22.64	20.51	21.85	20.97	22.29	22.75
	3H	22.41	23.56	22.89	24.03	24.53	22.50	23.65	22.98	24.11	24.62
	4H	23.38	24.40	23.87	24.89	25.43	23.40	24.43	23.90	24.92	25.45
	6H	24.21	25.13	24.73	25.64	26.18	24.08	25.00	24.61	25.52	26.05
	8H	24.59	25.45	25.13	25.97	26.53	24.37	25.23	24.90	25.75	26.30
	12H	24.95	25.75	25.49	26.26	26.85	24.59	25.39	25.13	25.90	26.50
8H	4H	23.75	24.61	24.28	25.13	25.68	23.77	24.63	24.30	25.15	25.70
	6H	24.76	25.49	25.31	26.02	26.61	24.63	25.35	25.18	25.89	26.48
	8H	25.32	25.95	25.89	26.53	27.11	25.07	25.71	25.64	26.28	26.86
	12H	25.80	26.34	26.38	26.92	27.52	25.40	25.95	25.98	26.52	27.12
12H	4H	23.81	24.61	24.34	25.12	25.71	23.83	24.63	24.37	25.14	25.74
	6H	24.92	25.56	25.49	26.13	26.71	24.80	25.44	25.37	26.01	26.59
	8H	25.50	26.04	26.08	26.62	27.21	25.26	25.80	25.84	26.38	26.98
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.7					0.2/-0.7				
S = 1.5H		0.5/-0.6					0.5/-0.6				
S = 2.0H		0.6/-0.7					0.6/-0.7				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		9.2					9.2				

依据CIE Publ. 117 计算 UGR, S/H = 0.25