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## lumini

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LumCAT:

Luminaire: led line perfil e mp 12.5W (com difusor)

LampCAT: modulo led 25W/m 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 122.3000

Test No:

Current(A): 0.1020

Number of Lamps: 1

Power (W): 12.4750

Lamp flux(lm): 1748.0

PF: 0.0000

Length(mm): 500

Width(mm): 21

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1055.46, Efficiency(%): 60.38% , Luminous Efficacy(lm/W): 84.61

Central intensity(cd): 379.761, Maximum intensity(cd): 379.785

Angle of maximum intensity: C=0.0  $\gamma$ =1.0

Beam angle of C0 plane : 108.42

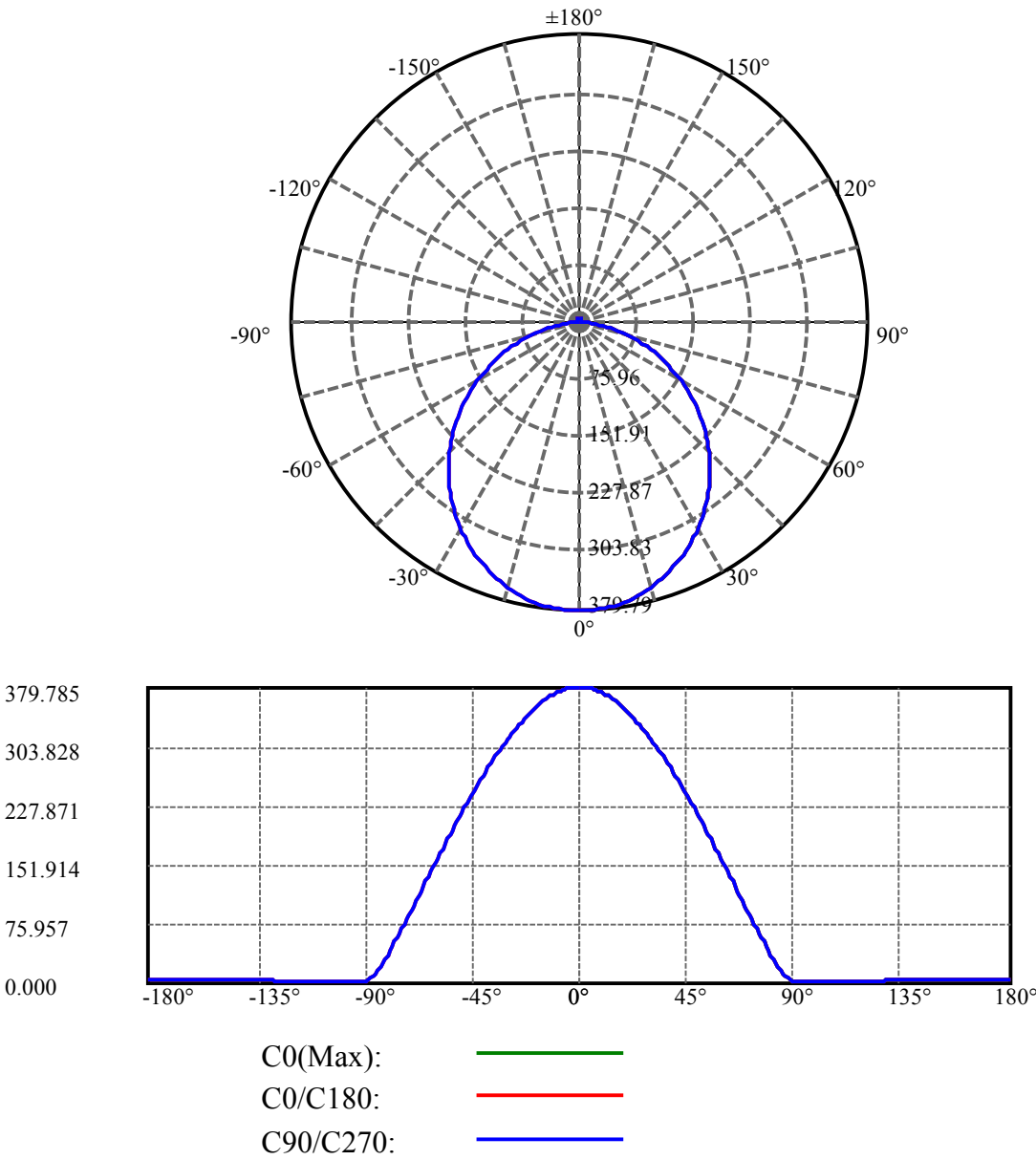
Average BeamAngle(IEC 61341): 108.42

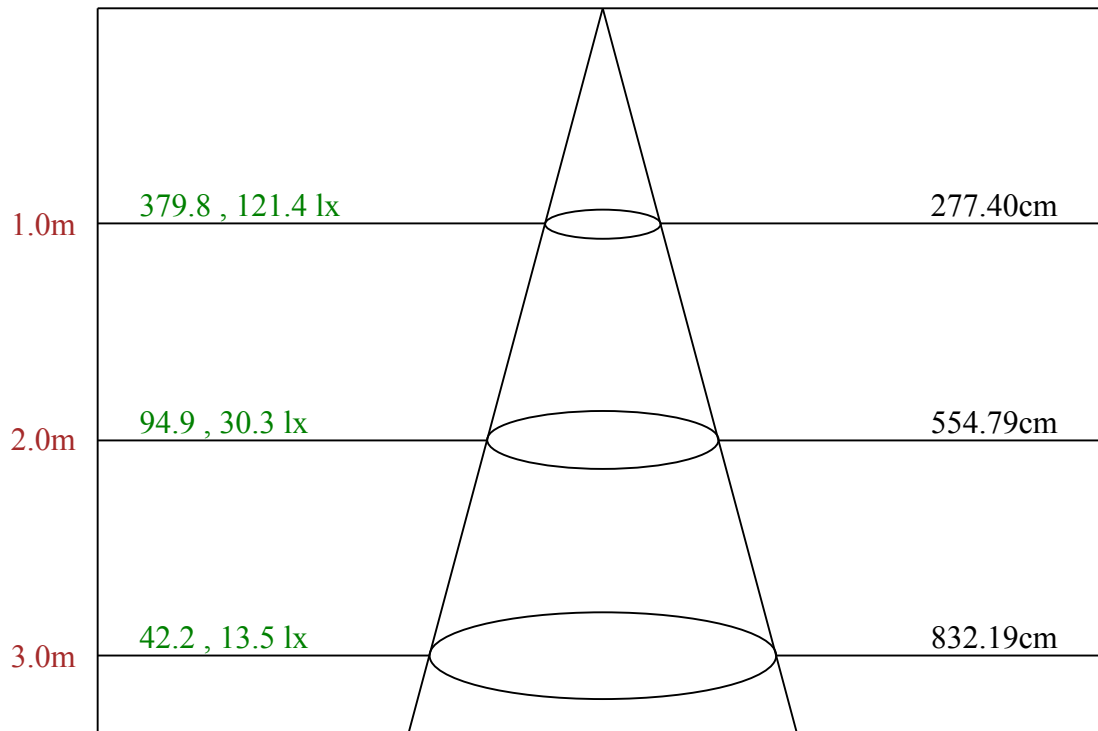
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Equipment: equipamento lumini  
Temperature(°C): 25.5

Date: 28/01/2025  
Humidity(%): 62.0%

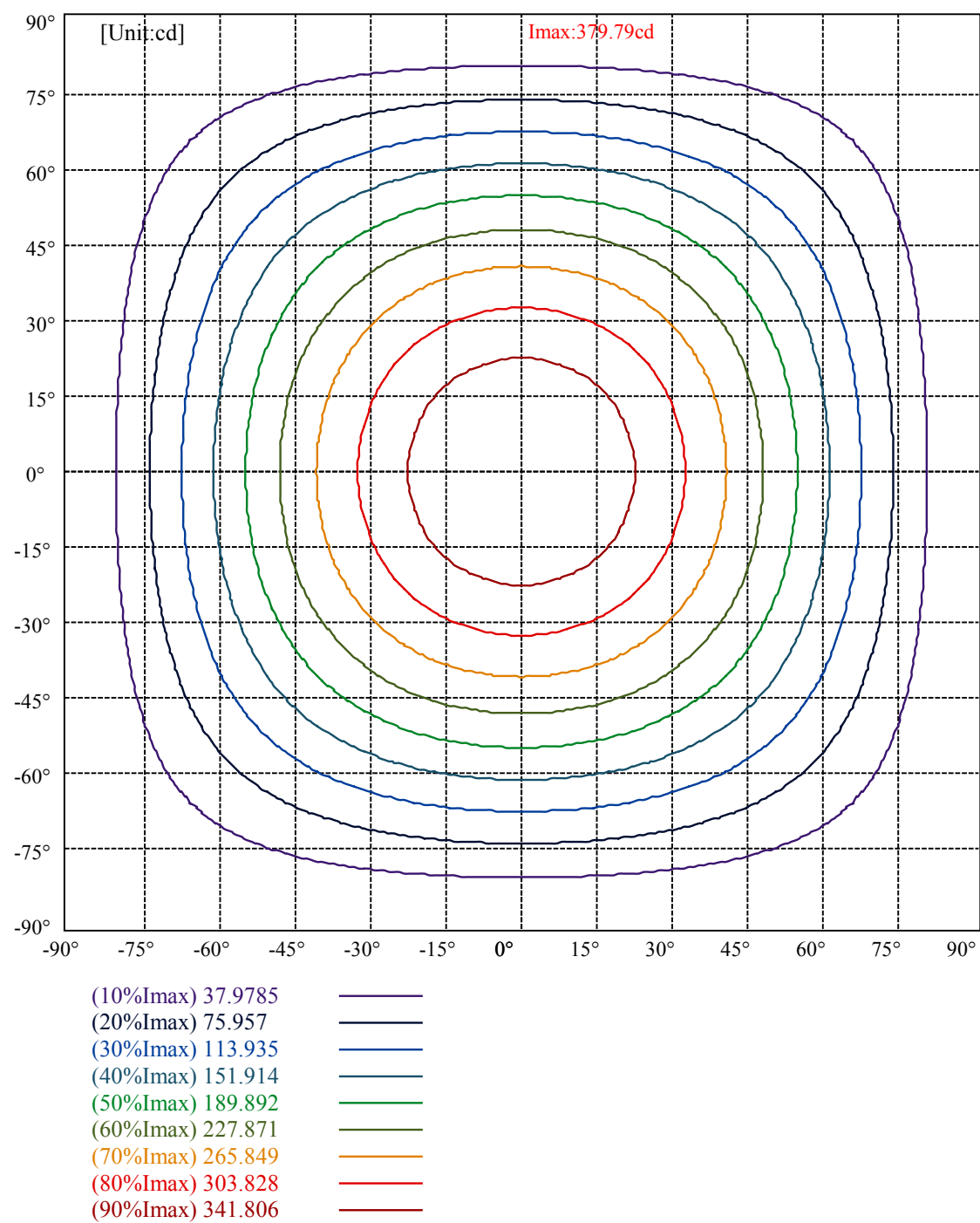
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 108.42



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	32506	31728	30773	29610	28138	26172	23684	19969	14027
C45	32506	31728	30773	29610	28138	26172	23684	19969	14027
C90	32506	31728	30773	29610	28138	26172	23684	19969	14027

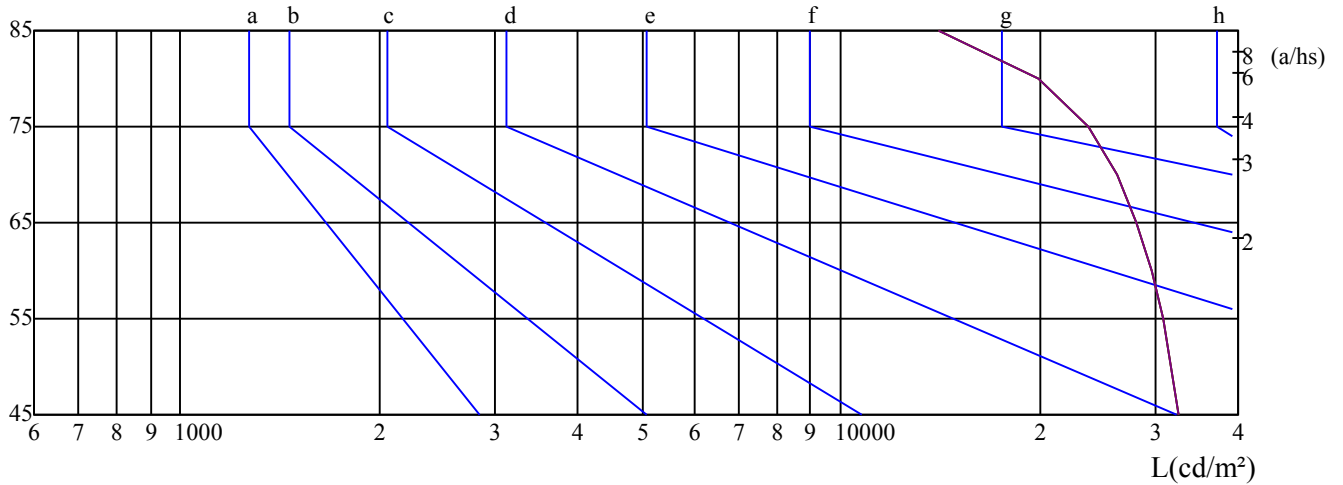
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
28138	28138	28138	23684	23684	23684	14027	14027	14027

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( $^{\circ}\text{C}$ ): 25.5

Date: 28/01/2025  
Humidity(%): 62.0%

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	24.05	25.63	24.44	25.99	26.35	24.56	26.14	24.95	26.50	26.86
	3H	25.59	27.02	26.01	27.40	27.80	26.28	27.70	26.69	28.09	28.48
	4H	26.12	27.46	26.54	27.85	28.26	26.91	28.25	27.33	28.64	29.06
	6H	26.48	27.72	26.91	28.13	28.57	27.40	28.65	27.83	29.05	29.49
	8H	26.53	27.74	26.98	28.15	28.60	27.52	28.73	27.97	29.14	29.59
	12H	26.53	27.69	26.98	28.11	28.57	27.59	28.74	28.03	29.17	29.62
4H	2H	24.82	26.17	25.25	26.56	26.97	25.22	26.56	25.64	26.95	27.37
	3H	26.51	27.65	26.96	28.08	28.54	27.07	28.22	27.52	28.64	29.10
	4H	27.19	28.21	27.66	28.66	29.14	27.87	28.89	28.34	29.34	29.82
	6H	27.62	28.52	28.11	29.00	29.49	28.44	29.34	28.93	29.82	30.31
	8H	27.74	28.58	28.24	29.06	29.57	28.64	29.48	29.14	29.96	30.47
	12H	27.78	28.57	28.29	29.04	29.59	28.76	29.54	29.27	30.02	30.57
8H	4H	27.49	28.34	27.99	28.82	29.33	28.10	28.94	28.60	29.43	29.93
	6H	28.04	28.74	28.56	29.25	29.79	28.78	29.49	29.31	29.99	30.54
	8H	28.27	28.88	28.81	29.42	29.96	29.10	29.72	29.64	30.26	30.79
	12H	28.34	28.86	28.89	29.41	29.96	29.28	29.80	29.83	30.34	30.89
12H	4H	27.53	28.31	28.03	28.79	29.33	28.11	28.90	28.62	29.38	29.92
	6H	28.15	28.77	28.69	29.31	29.85	28.87	29.49	29.42	30.03	30.57
	8H	28.37	28.89	28.92	29.43	29.98	29.17	29.70	29.73	30.24	30.79
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.6					0.6/-0.6				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		9.8					9.8				

依据CIE Publ. 117 计算 UGR, S/H = 0.25