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## lumini

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LumCAT:

Luminaire: led line perfil 24V c lp 12W (difusor alto)

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

Ballast type: led line driver 24V

Report No:

Voltage(V): 126.0000

Test No:

Current(A): 0.1380

Number of Lamps: 1

Power (W): 17.3880

Lamp flux(lm): 1078.0

PF: 0.0000

Length(mm): 500

Width(mm): 20

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 869.73, Efficiency(%): 80.68% , Luminous Efficacy(lm/W): 50.02

Central intensity(cd): 176.121, Maximum intensity(cd): 176.925

Angle of maximum intensity: C=0.0  $\gamma$ =7.0

Beam angle of C0 plane : 136.24

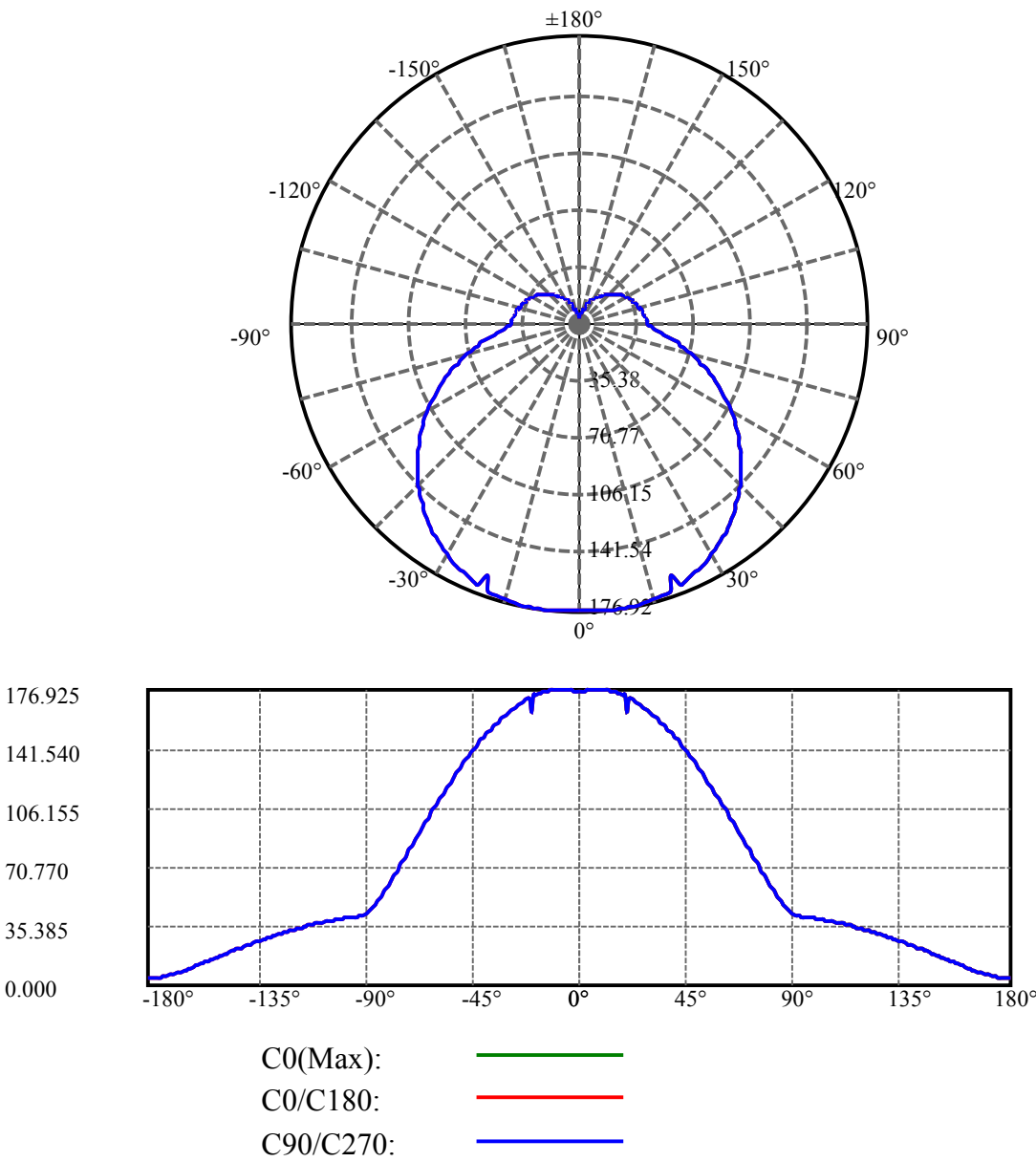
Average BeamAngle(IEC 61341): 136.24

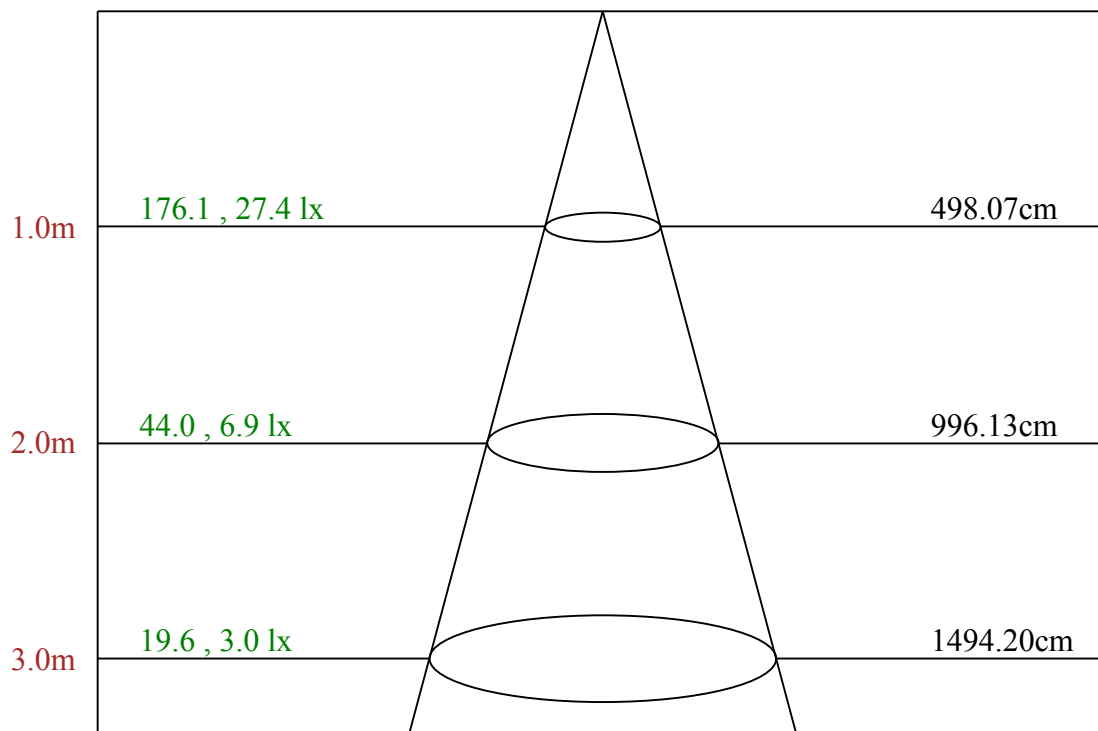
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Equipment: equipamento lumini  
Temperature(°C): 26.3

Date: 20/01/2025  
Humidity(%): 73.0%

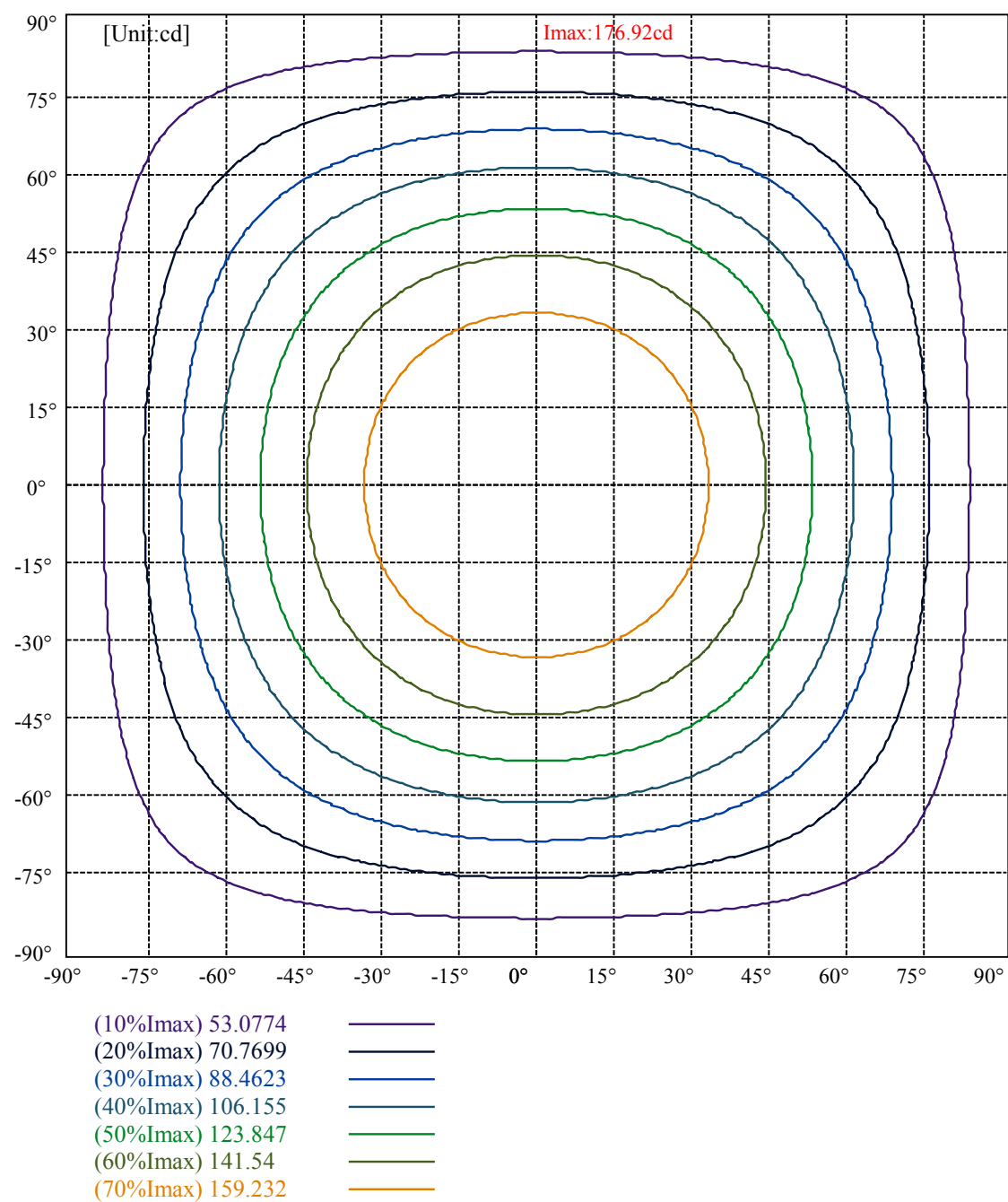
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 136.24



Luminance Table

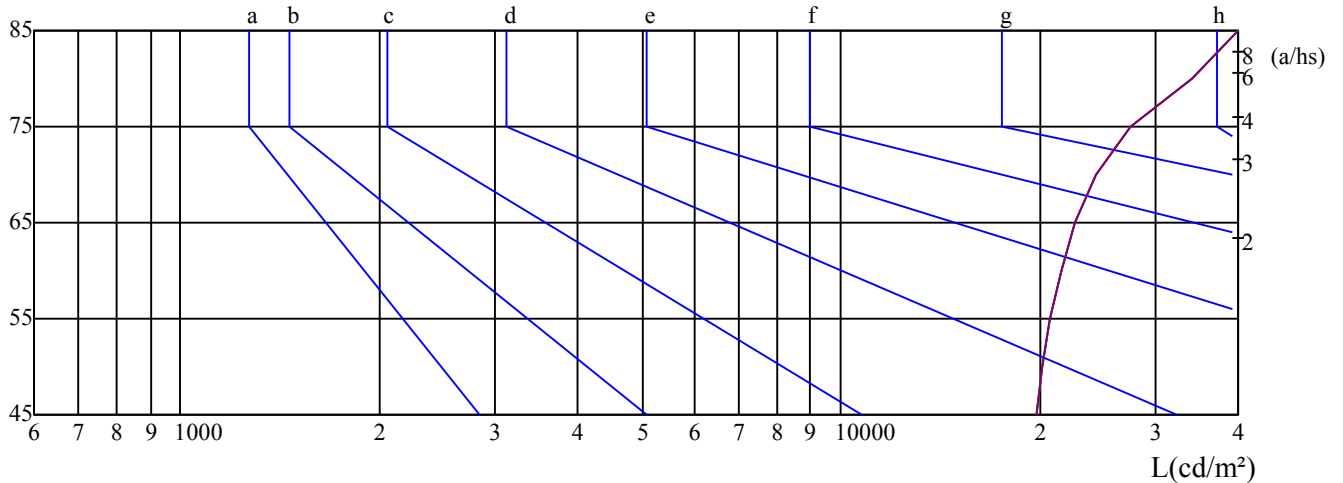
$\gamma$	45	50	55	60	65	70	75	80	85
C0	19755	20176	20784	21540	22631	24388	27404	34090	55439
C45	19755	20176	20784	21540	22631	24388	27404	34090	55439
C90	19755	20176	20784	21540	22631	24388	27404	34090	55439

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
22631	22631	22631	27404	27404	27404	55439	55439	55439

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 ———

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	22.25	23.54	22.90	24.23	25.03	20.40	21.70	21.06	22.39	23.19
	3H	24.91	26.11	25.59	26.81	27.62	22.12	23.32	22.80	24.02	24.83
	4H	26.28	27.41	26.96	28.12	28.95	22.77	23.89	23.45	24.60	25.43
	6H	27.80	28.85	28.49	29.57	30.42	23.27	24.33	23.96	25.04	25.90
	8H	28.61	29.63	29.31	30.35	31.22	23.41	24.44	24.11	25.16	26.02
	12H	29.52	30.51	30.23	31.24	32.11	23.49	24.48	24.20	25.21	26.08
4H	2H	23.01	24.14	23.69	24.84	25.68	21.69	22.82	22.38	23.53	24.36
	3H	25.85	26.83	26.55	27.56	28.43	23.65	24.64	24.36	25.36	26.23
	4H	27.43	28.32	28.16	29.07	29.96	24.55	25.44	25.27	26.19	27.07
	6H	29.10	29.91	29.84	30.67	31.56	25.22	26.02	25.96	26.78	27.67
	8H	30.05	30.81	30.80	31.57	32.48	25.48	26.23	26.23	27.00	27.90
	12H	31.13	31.83	31.88	32.59	33.52	25.67	26.37	26.42	27.13	28.06
8H	4H	27.85	28.60	28.60	29.37	30.27	25.54	26.29	26.29	27.06	27.96
	6H	29.76	30.41	30.53	31.18	32.12	26.56	27.21	27.33	27.98	28.91
	8H	30.95	31.52	31.73	32.32	33.25	27.08	27.65	27.86	28.45	29.38
	12H	32.23	32.72	33.02	33.54	34.47	27.45	27.94	28.23	28.75	29.68
12H	4H	27.91	28.61	28.66	29.37	30.30	25.82	26.53	26.58	27.28	28.22
	6H	29.96	30.53	30.74	31.33	32.26	27.10	27.67	27.88	28.47	29.40
	8H	31.19	31.68	31.97	32.49	33.42	27.74	28.23	28.52	29.04	29.97
Variation with the observer position at spacings:											
S = 1.0H		0.2/-1.0					0.2/-1.0				
S = 1.5H		0.4/-0.9					0.4/-0.9				
S = 2.0H		0.2/-0.7					0.2/-0.7				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		13.3					13.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25