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LumCAT:

Luminaire: led line perfil 12V e lp 7.5W (com difusor)

LampCAT: modulo led line 15W/m 12Vdc 30K irc 90 ip65

Ballast type: led line driver 12V

Report No:

Voltage(V): 125.5000

Test No:

Current(A): 0.1010

Number of Lamps: 1

Power (W): 12.6760

Lamp flux(lm): 672.0

PF: 0.0000

Length(mm): 500

Width(mm): 21

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 397.99, Efficiency(%): 59.22% , Luminous Efficacy(lm/W): 31.40

Central intensity(cd): 142.818, Maximum intensity(cd): 142.818

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

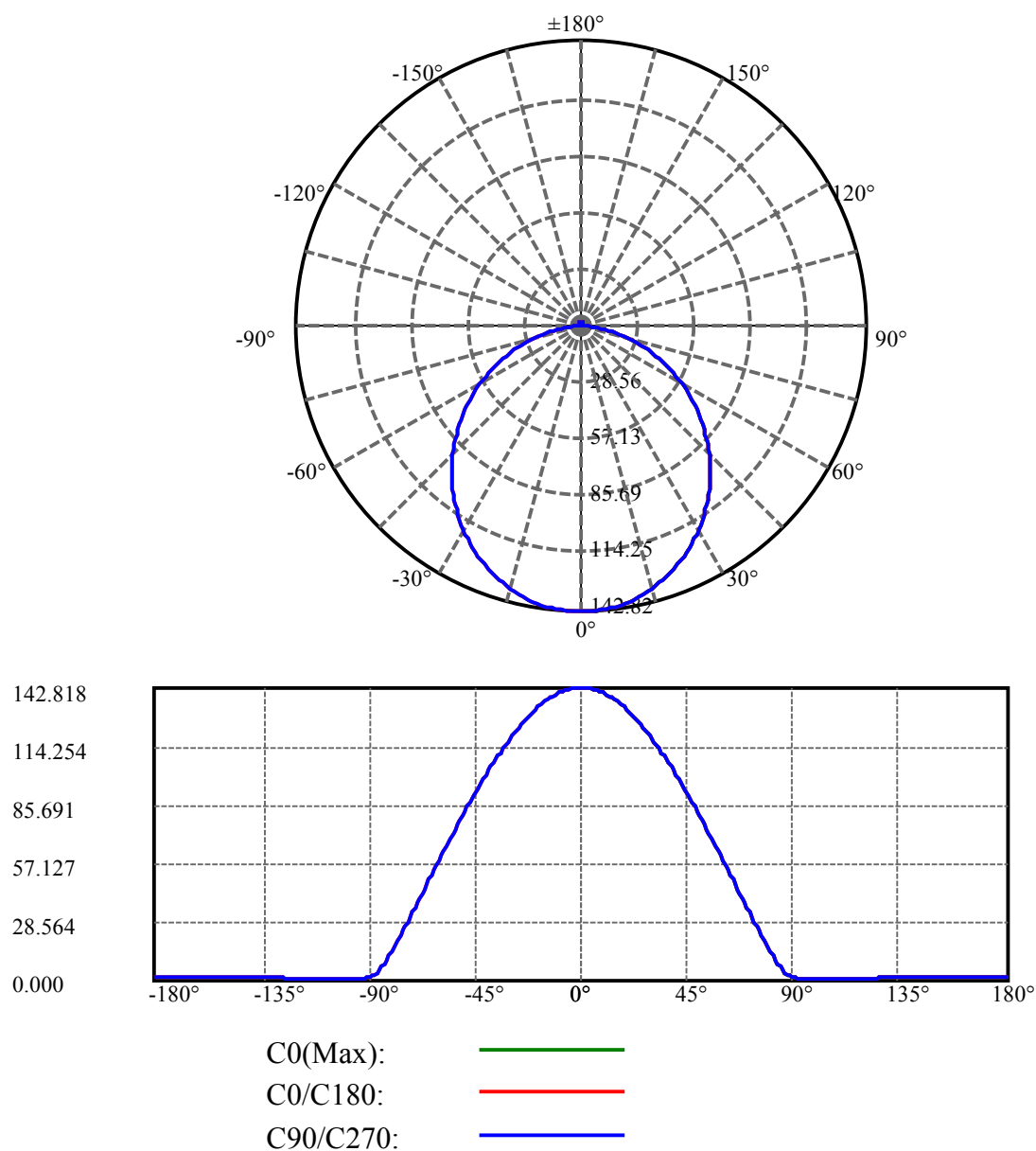
Beam angle of C0 plane : 108.33

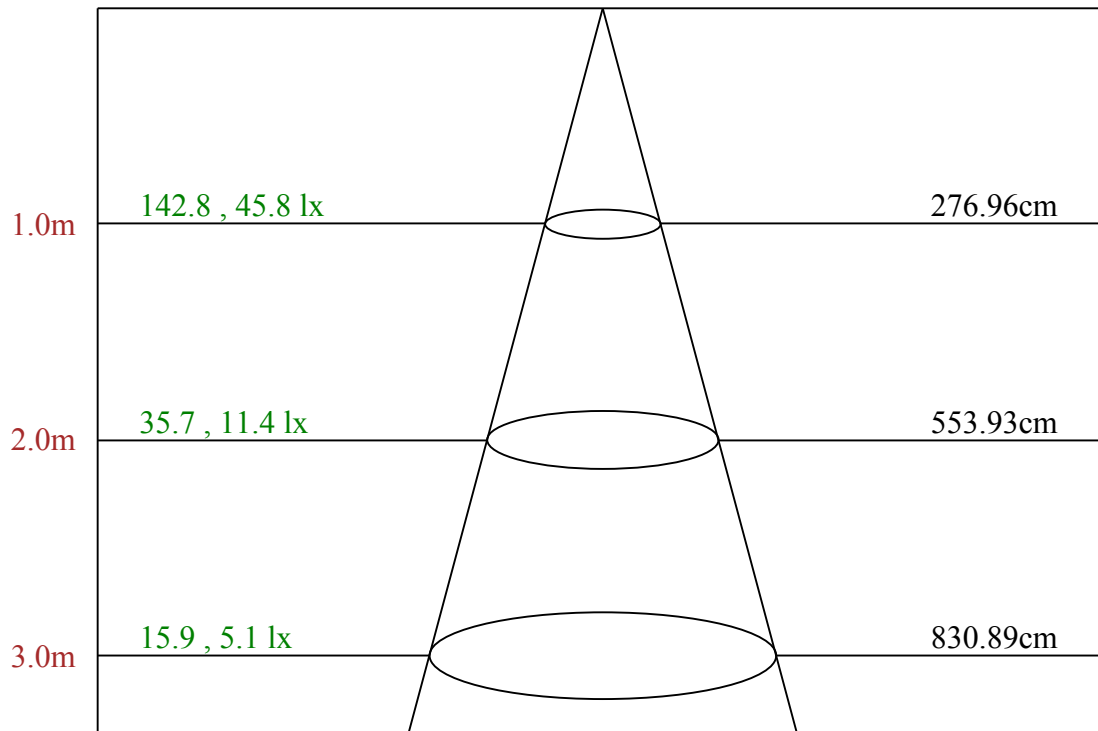
Average BeamAngle(IEC 61341): 108.33

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 23/01/2025
Humidity(%): 62.0%

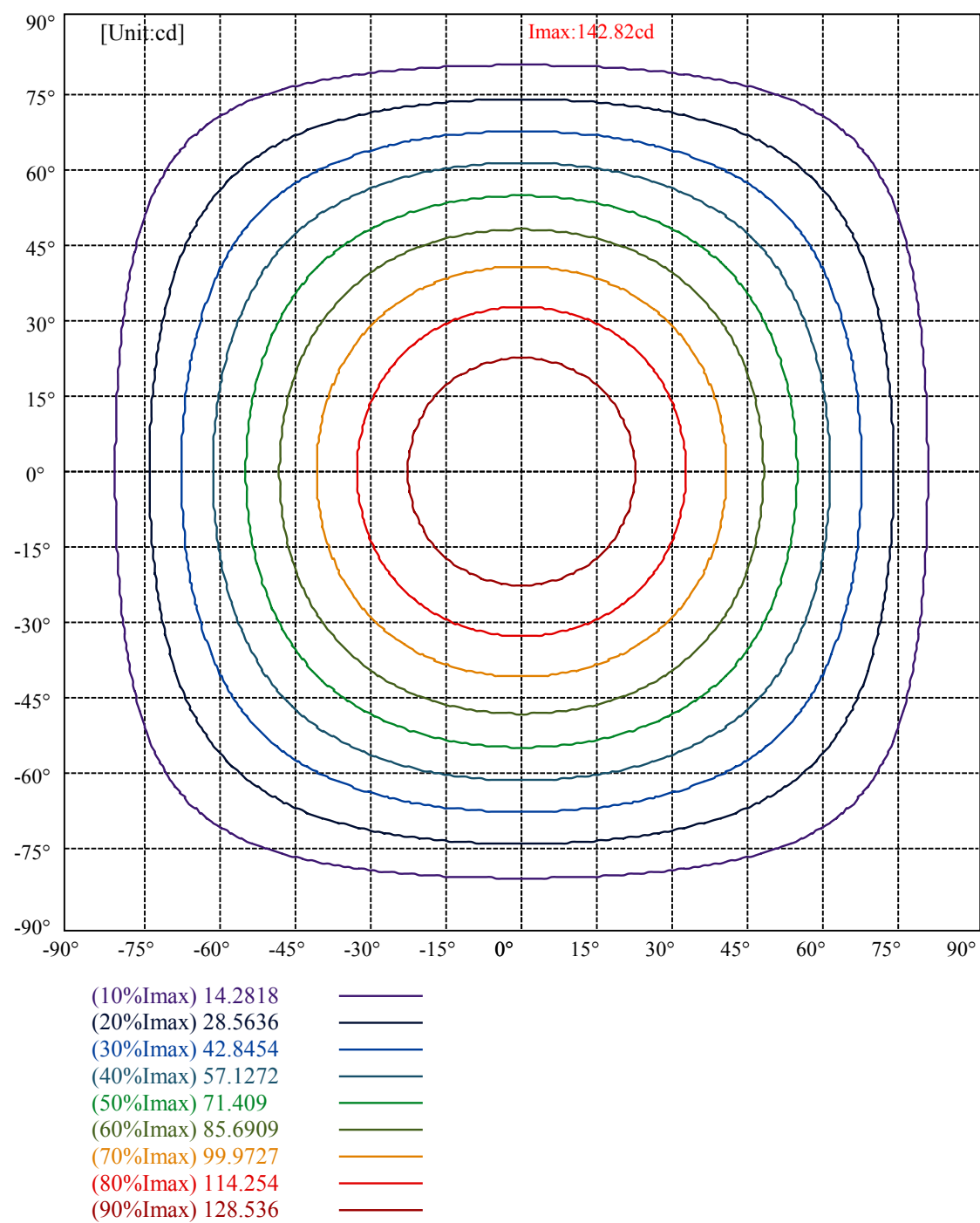
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 108.33



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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	12228	11923	11545	11162	10564	9935	8983	7670	5755
C45	12228	11923	11545	11162	10564	9935	8983	7670	5755
C90	12228	11923	11545	11162	10564	9935	8983	7670	5755

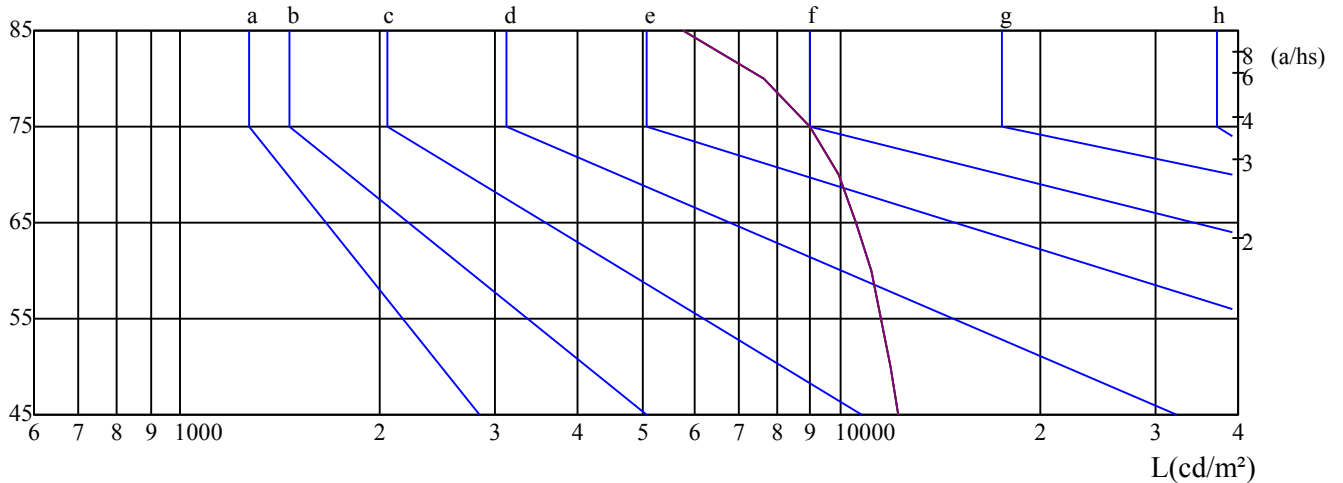
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
10564	10564	10564	8983	8983	8983	5755	5755	5755

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

Date: 23/01/2025
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	21.09	22.67	21.48	23.03	23.39	21.53	23.11	21.92	23.47	23.83
	3H	22.74	24.17	23.15	24.55	24.94	23.36	24.78	23.77	25.17	25.56
	4H	23.35	24.70	23.78	25.09	25.50	24.07	25.41	24.50	25.81	26.22
	6H	23.82	25.07	24.26	25.48	25.92	24.65	25.90	25.09	26.31	26.75
	8H	23.93	25.14	24.37	25.55	26.00	24.84	26.04	25.28	26.46	26.91
	12H	23.98	25.14	24.43	25.56	26.02	24.96	26.12	25.41	26.55	27.01
4H	2H	21.90	23.25	22.33	23.64	24.05	22.24	23.58	22.67	23.98	24.39
	3H	23.72	24.86	24.17	25.29	25.75	24.22	25.37	24.67	25.79	26.25
	4H	24.50	25.52	24.97	25.97	26.46	25.11	26.13	25.58	26.58	27.07
	6H	25.05	25.95	25.54	26.43	26.92	25.79	26.69	26.28	27.17	27.66
	8H	25.23	26.08	25.74	26.56	27.07	26.05	26.90	26.56	27.38	27.89
	12H	25.34	26.13	25.85	26.61	27.16	26.26	27.04	26.77	27.52	28.07
8H	4H	24.87	25.71	25.37	26.20	26.70	25.40	26.25	25.90	26.73	27.24
	6H	25.56	26.27	26.08	26.77	27.32	26.22	26.93	26.74	27.43	27.98
	8H	25.88	26.50	26.42	27.04	27.57	26.63	27.25	27.17	27.79	28.33
	12H	26.05	26.58	26.61	27.12	27.67	26.92	27.44	27.47	27.98	28.54
12H	4H	24.92	25.70	25.43	26.18	26.73	25.43	26.22	25.94	26.69	27.24
	6H	25.71	26.33	26.25	26.87	27.41	26.34	26.96	26.88	27.50	28.04
	8H	26.03	26.55	26.58	27.10	27.65	26.75	27.27	27.30	27.81	28.37
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.7					0.6/-0.7				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		6.5					6.5				

依据CIE Publ. 117 计算 UGR, S/H = 0.25