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LumCAT:

Luminaire: led line perfil 12V c lp 7.5W

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

Ballast type: led line driver 12V

Report No:

Voltage(V): 127.7600

Test No:

Current(A): 0.1100

Number of Lamps: 1

Power (W): 13.0270

Lamp flux(lm): 672.0

PF: 0.9260

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 390.87, Efficiency(%): 58.17% , Luminous Efficacy(lm/W): 30.00

Central intensity(cd): 125.429, Maximum intensity(cd): 125.429

Angle of maximum intensity: C=0.0 γ =0.0

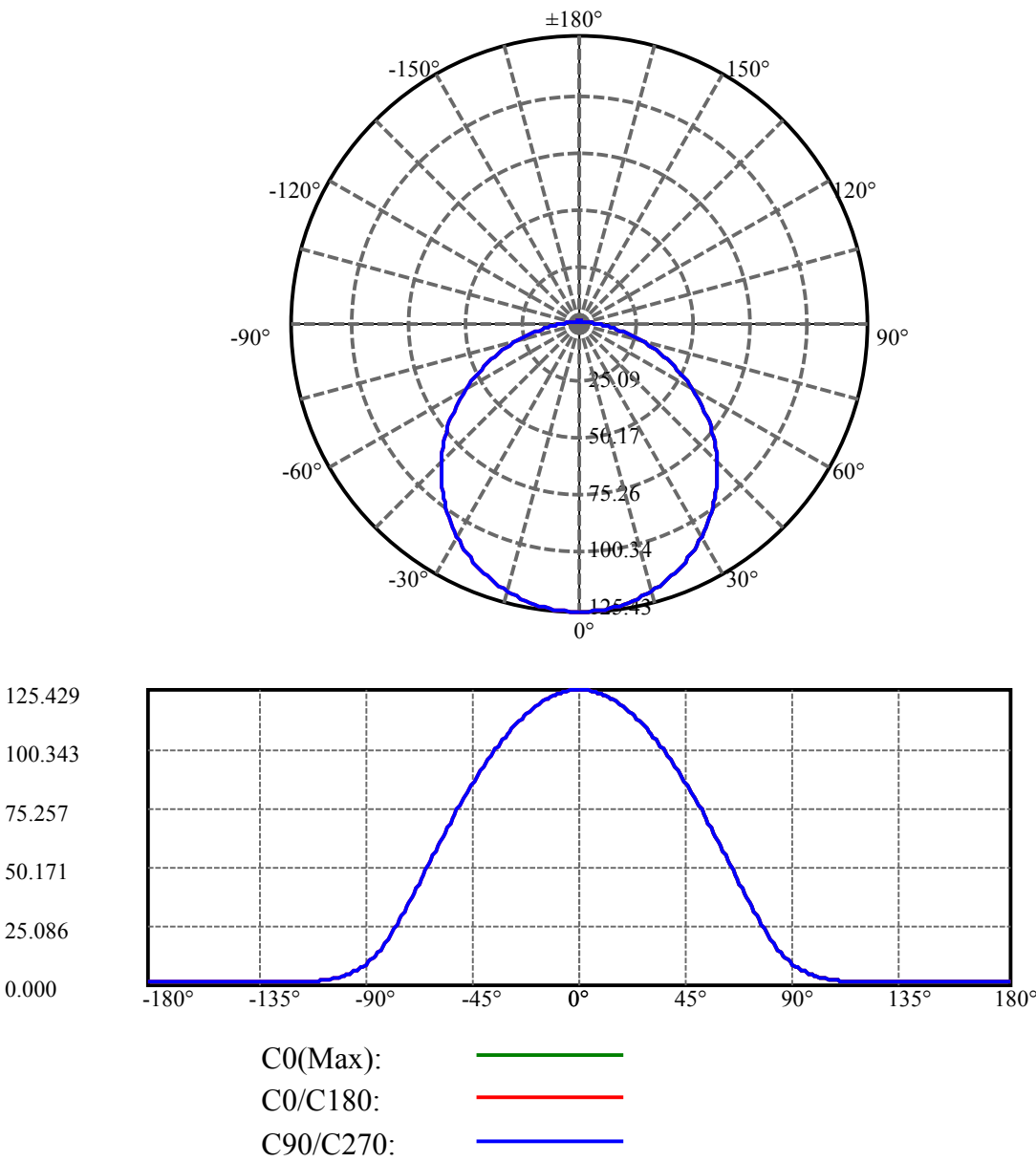
Beam angle of C0 plane : 114.29

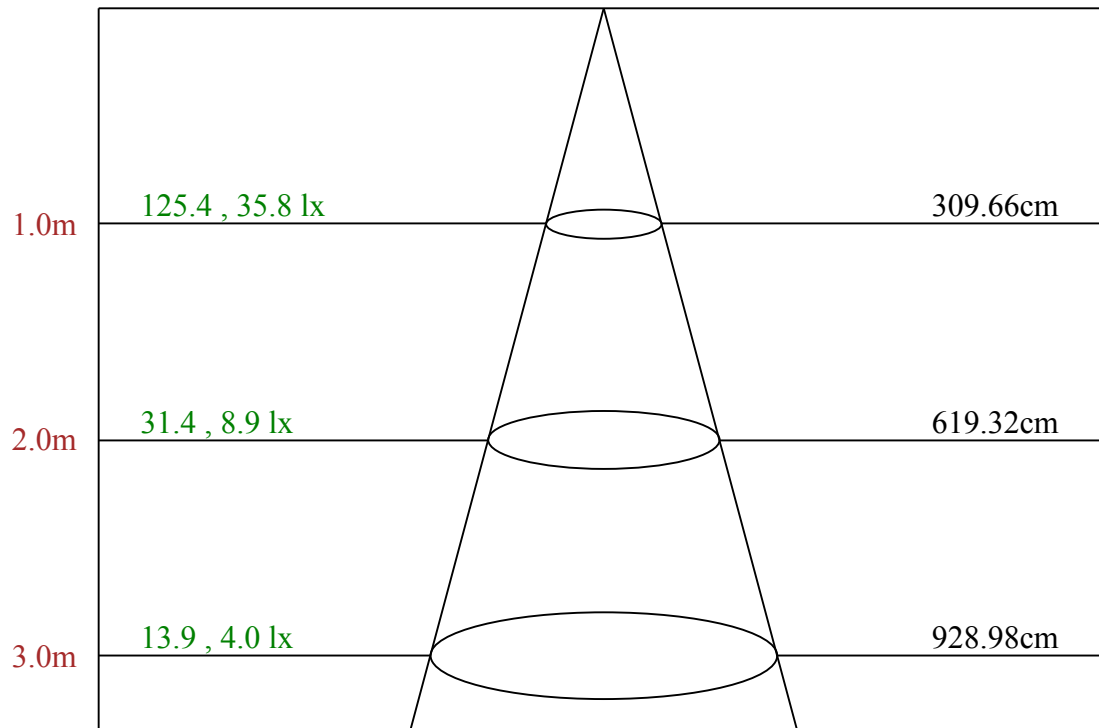
Aveage BeamAngle(IEC 61341):114.29

Equipment: equipamento lumini
Temperature(°C): 25.5

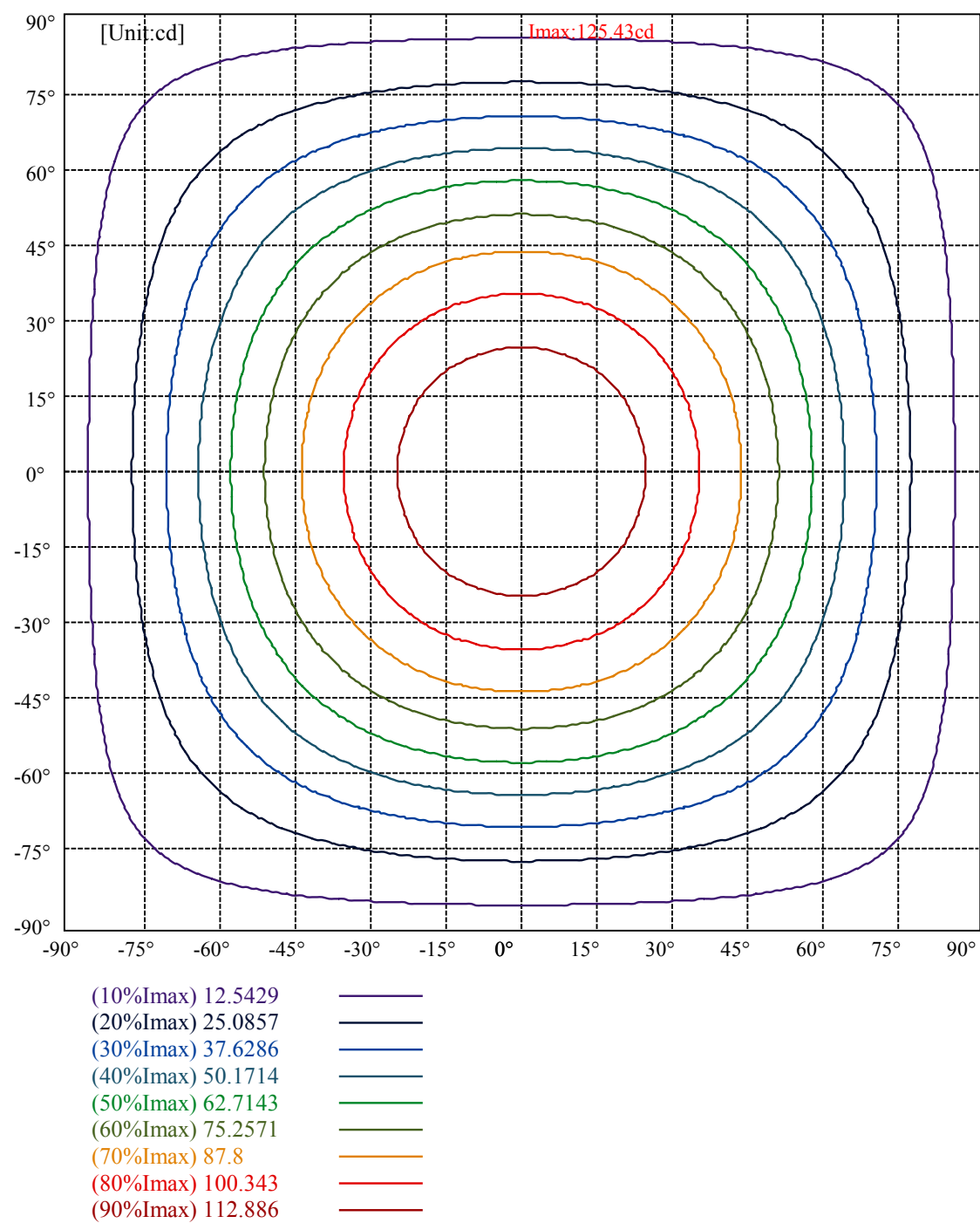
Date: 06/05/2025
Humidity(%): 64.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 114.29



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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	15022	14817	14547	14252	13909	13594	13454	13957	18206
C45	15022	14817	14547	14252	13909	13594	13454	13957	18206
C90	15022	14817	14547	14252	13909	13594	13454	13957	18206

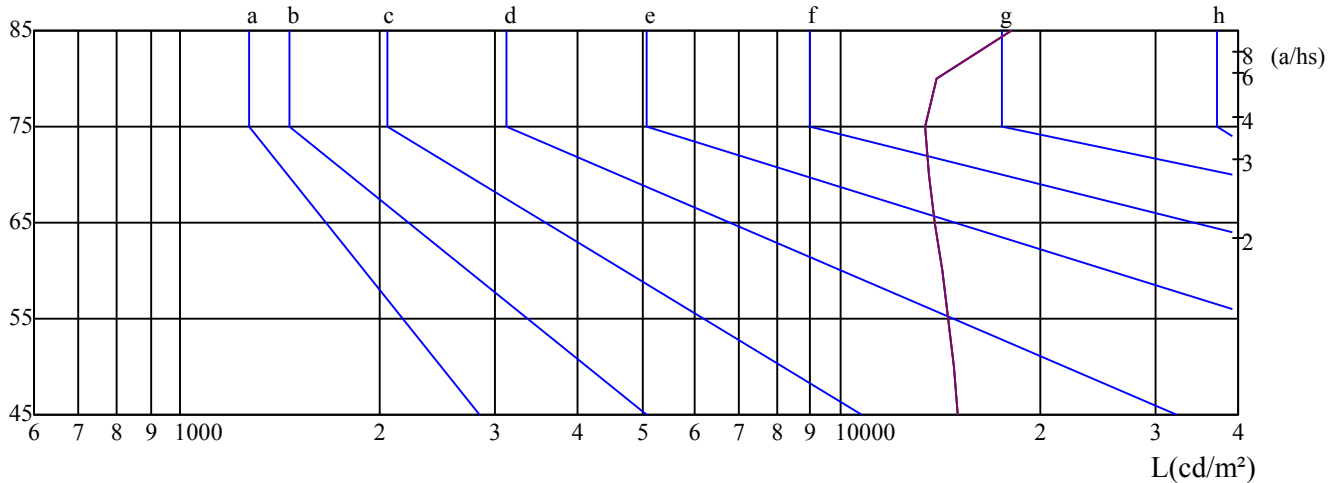
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
13909	13909	13909	13454	13454	13454	18206	18206	18206

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

Date: 06/05/2025
Humidity(%): 64.0%

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	21.89	23.47	22.31	23.87	24.28	21.92	23.50	22.33	23.89	24.30
	3H	23.85	25.29	24.29	25.70	26.14	23.73	25.17	24.17	25.59	26.02
	4H	24.73	26.09	25.19	26.52	26.97	24.44	25.80	24.89	26.23	26.68
	6H	25.65	26.92	26.11	27.36	27.84	25.01	26.28	25.47	26.71	27.20
	8H	26.10	27.32	26.57	27.77	28.26	25.17	26.39	25.64	26.84	27.33
	12H	26.58	27.76	27.05	28.21	28.71	25.27	26.45	25.74	26.90	27.40
4H	2H	22.71	24.06	23.16	24.49	24.94	22.72	24.08	23.17	24.51	24.96
	3H	24.82	25.98	25.29	26.44	26.94	24.70	25.87	25.18	26.33	26.82
	4H	25.90	26.95	26.39	27.43	27.95	25.61	26.65	26.10	27.13	27.66
	6H	26.94	27.88	27.46	28.38	28.91	26.29	27.22	26.80	27.73	28.26
	8H	27.50	28.38	28.03	28.89	29.44	26.54	27.42	27.07	27.93	28.48
	12H	28.11	28.92	28.64	29.43	30.01	26.73	27.55	27.26	28.05	28.64
8H	4H	26.29	27.17	26.82	27.68	28.23	26.04	26.91	26.56	27.42	27.97
	6H	27.54	28.28	28.08	28.81	29.39	26.92	27.66	27.46	28.19	28.77
	8H	28.30	28.95	28.86	29.52	30.09	27.35	28.00	27.92	28.57	29.14
	12H	29.07	29.63	29.65	30.20	30.79	27.66	28.21	28.23	28.78	29.37
12H	4H	26.35	27.17	26.89	27.68	28.26	26.12	26.94	26.66	27.45	28.03
	6H	27.72	28.37	28.28	28.94	29.51	27.14	27.79	27.71	28.36	28.93
	8H	28.51	29.06	29.08	29.63	30.22	27.61	28.17	28.18	28.74	29.33
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		0.5/-0.7					0.5/-0.7				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		11.4					11.4				

依据CIE Publ. 117 计算 UGR, S/H = 0.25