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lumini

LumCAT:

Luminaire: led line perfil c mp12.5W (difusor alto)

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): 20

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1450.00, Efficiency(%): 82.95% , Luminous Efficacy(lm/W): 116.23

Central intensity(cd): 291.040, Maximum intensity(cd): 292.397

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

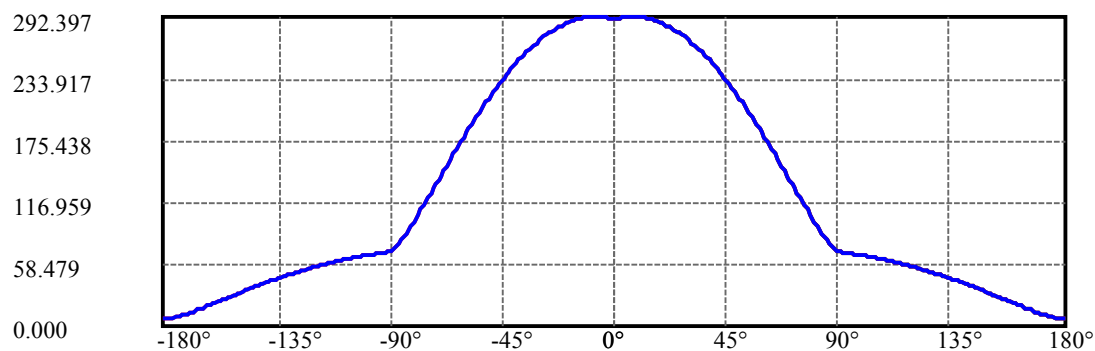
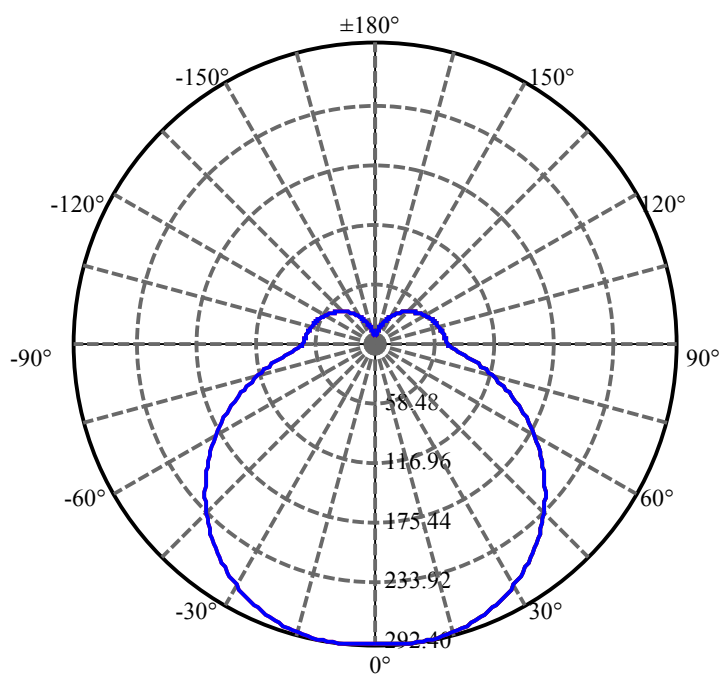
Beam angle of C0 plane : 136.60

Average BeamAngle(IEC 61341): 136.60

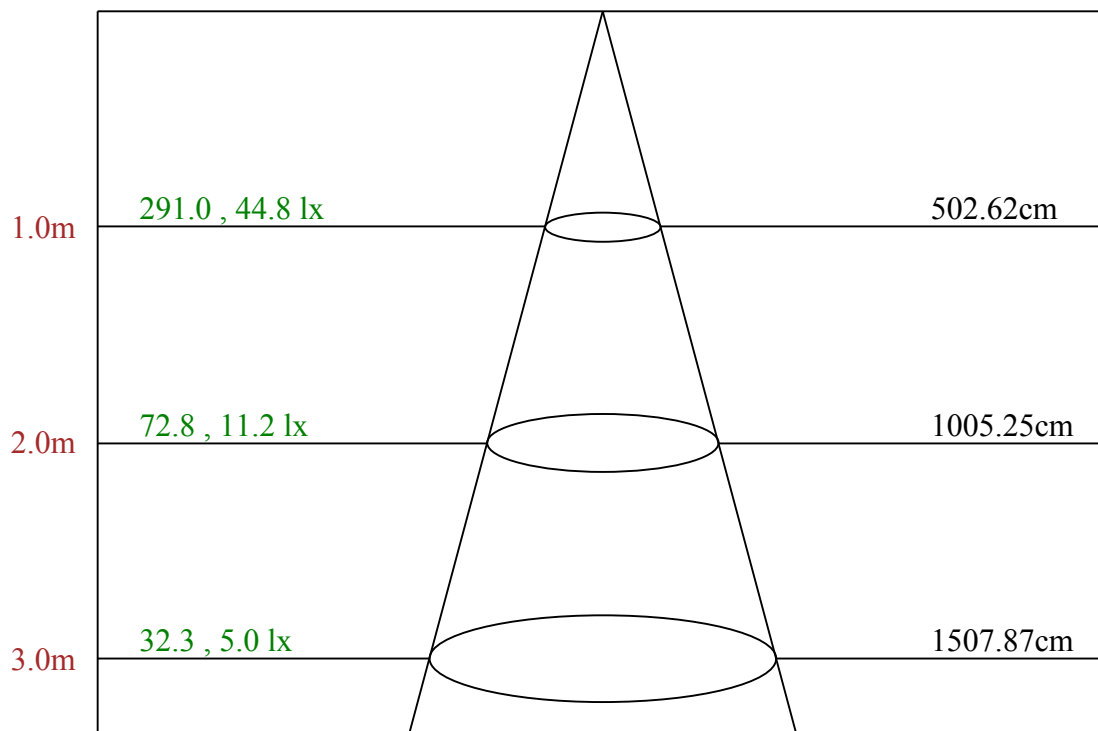
Equipment: equipamento lumini
Temperature(°C): 24.2

Date: 28/01/2025
Humidity(%): 68.0%

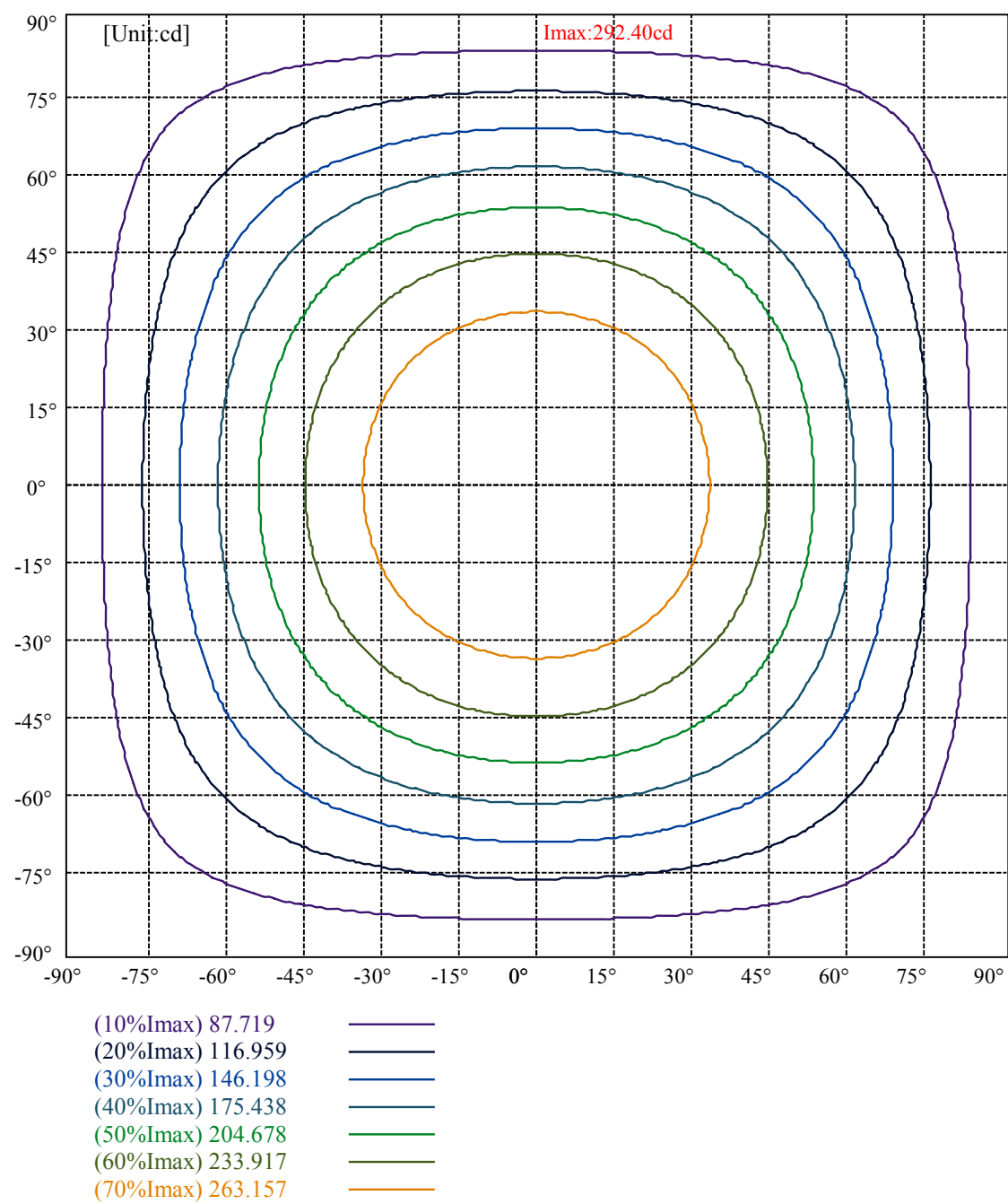
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 136.60



Luminance Table

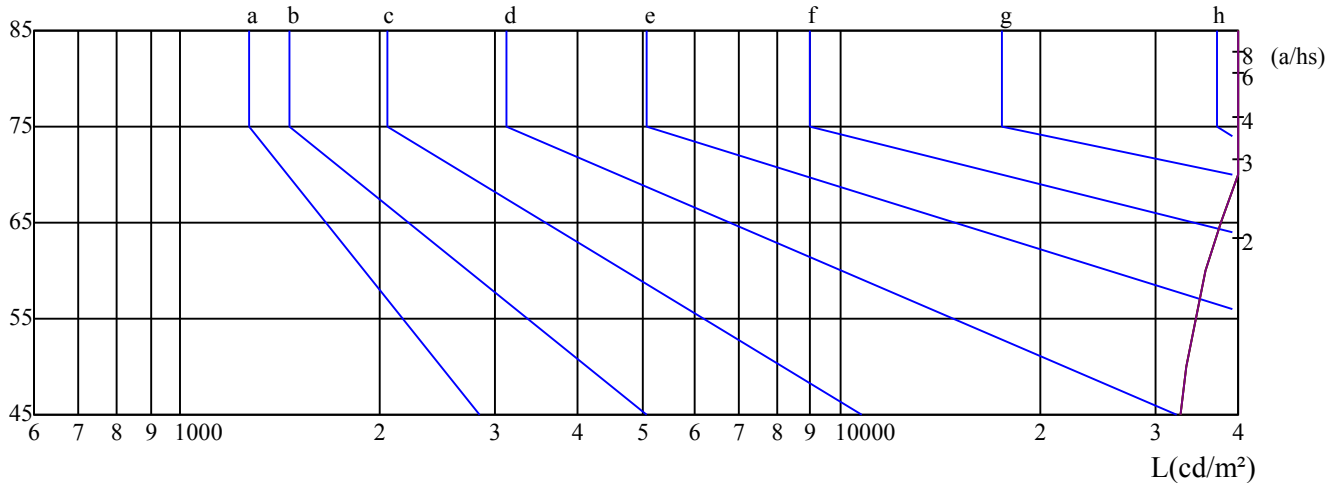
γ	45	50	55	60	65	70	75	80	85
C0	32743	33467	34483	35742	37555	40513	45569	56648	93090
C45	32743	33467	34483	35742	37555	40513	45569	56648	93090
C90	32743	33467	34483	35742	37555	40513	45569	56648	93090

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
37555	37555	37555	45569	45569	45569	93090	93090	93090

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 ———

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	23.97	25.27	24.63	25.96	26.76	22.26	23.55	22.92	24.24	25.05
	3H	26.64	27.82	27.31	28.53	29.35	24.03	25.22	24.71	25.93	26.75
	4H	27.99	29.12	28.68	29.83	30.67	24.72	25.84	25.40	26.55	27.39
	6H	29.51	30.56	30.20	31.28	32.14	25.26	26.32	25.96	27.04	27.90
	8H	30.31	31.33	31.02	32.06	32.93	25.43	26.46	26.14	27.18	28.05
	12H	31.22	32.20	31.93	32.94	33.81	25.55	26.54	26.26	27.27	28.14
4H	2H	24.75	25.88	25.44	26.59	27.43	23.53	24.65	24.22	25.37	26.20
	3H	27.59	28.57	28.29	29.30	30.17	25.54	26.52	26.25	27.25	28.13
	4H	29.16	30.05	29.89	30.80	31.69	26.47	27.36	27.20	28.11	29.00
	6H	30.82	31.62	31.57	32.39	33.28	27.18	27.98	27.92	28.74	29.64
	8H	31.77	32.52	32.52	33.29	34.20	27.47	28.22	28.22	28.99	29.89
	12H	32.83	33.53	33.59	34.30	35.24	27.69	28.39	28.45	29.15	30.09
8H	4H	29.58	30.33	30.34	31.10	32.01	27.42	28.17	28.18	28.94	29.85
	6H	31.49	32.13	32.26	32.91	33.85	28.48	29.12	29.25	29.90	30.84
	8H	32.67	33.23	33.45	34.04	34.97	29.02	29.59	29.81	30.40	31.33
	12H	33.94	34.44	34.73	35.25	36.19	29.43	29.92	30.22	30.73	31.67
12H	4H	29.65	30.35	30.41	31.11	32.05	27.70	28.40	28.45	29.16	30.10
	6H	31.69	32.26	32.48	33.07	34.00	29.00	29.56	29.78	30.37	31.30
	8H	32.91	33.40	33.70	34.22	35.16	29.65	30.14	30.44	30.96	31.90
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		15.1					15.1				

依据CIE Publ. 117 计算 UGR, S/H = 0.25