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lumini

LumCAT:

Luminaire: led line perfil 12V c lp 7.5W (difusor alto)

LampCAT: modulo led line 15W/m 12Vdc 30K irc90 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): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 536.92, Efficiency(%): 79.90% , Luminous Efficacy(lm/W): 42.36

Central intensity(cd): 110.681, Maximum intensity(cd): 111.152

Angle of maximum intensity: C=0.0 γ =7.0

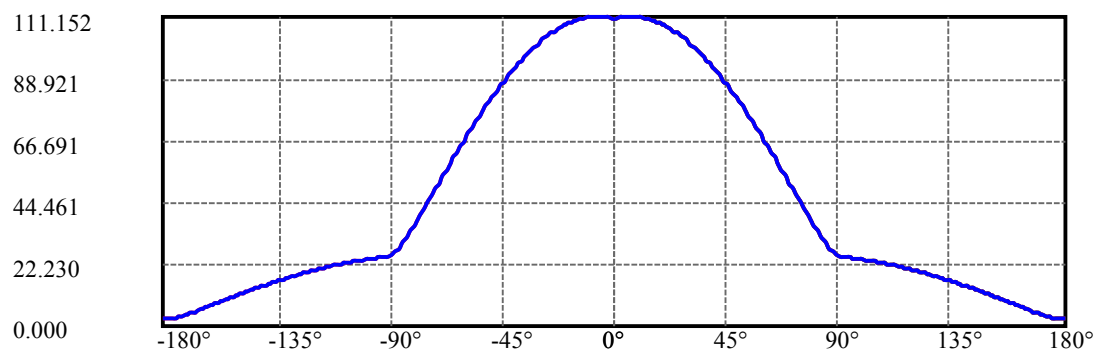
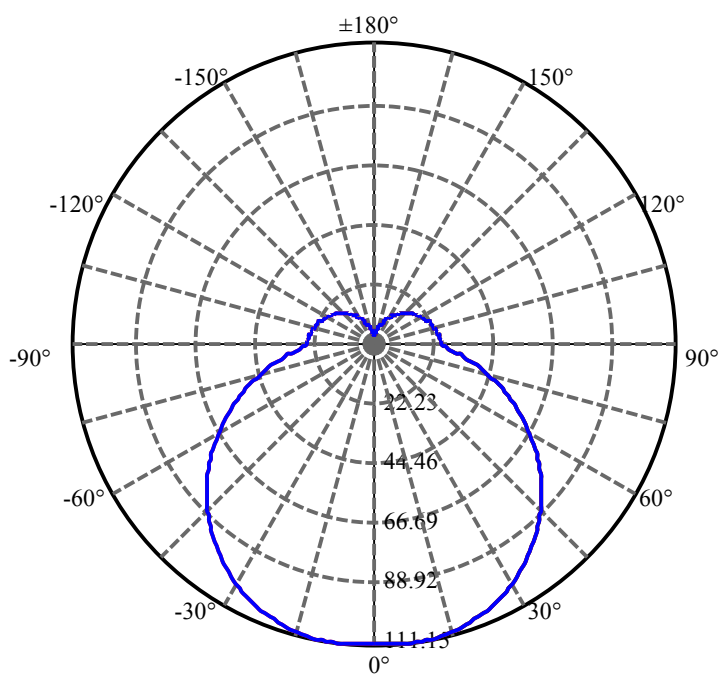
Beam angle of C0 plane : 134.74

Aveage BeamAngle(IEC 61341):134.74

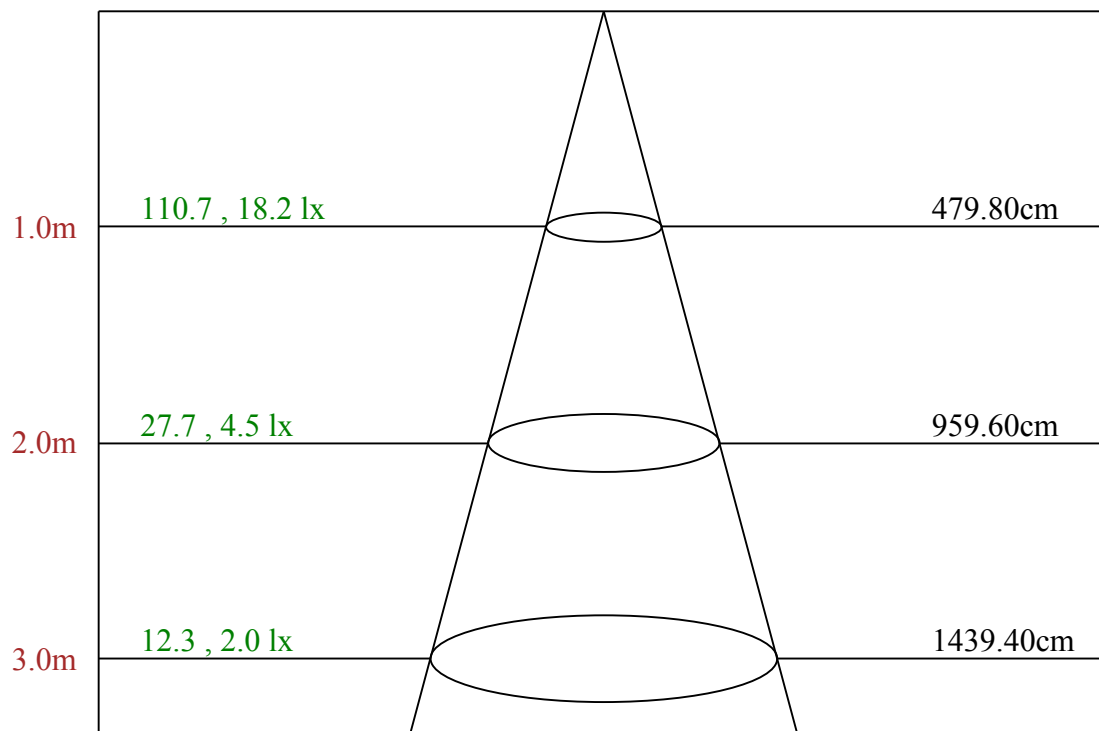
Equipment: equipamento lumini
Temperature(°C): 25.0

Date: 15/01/2025
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

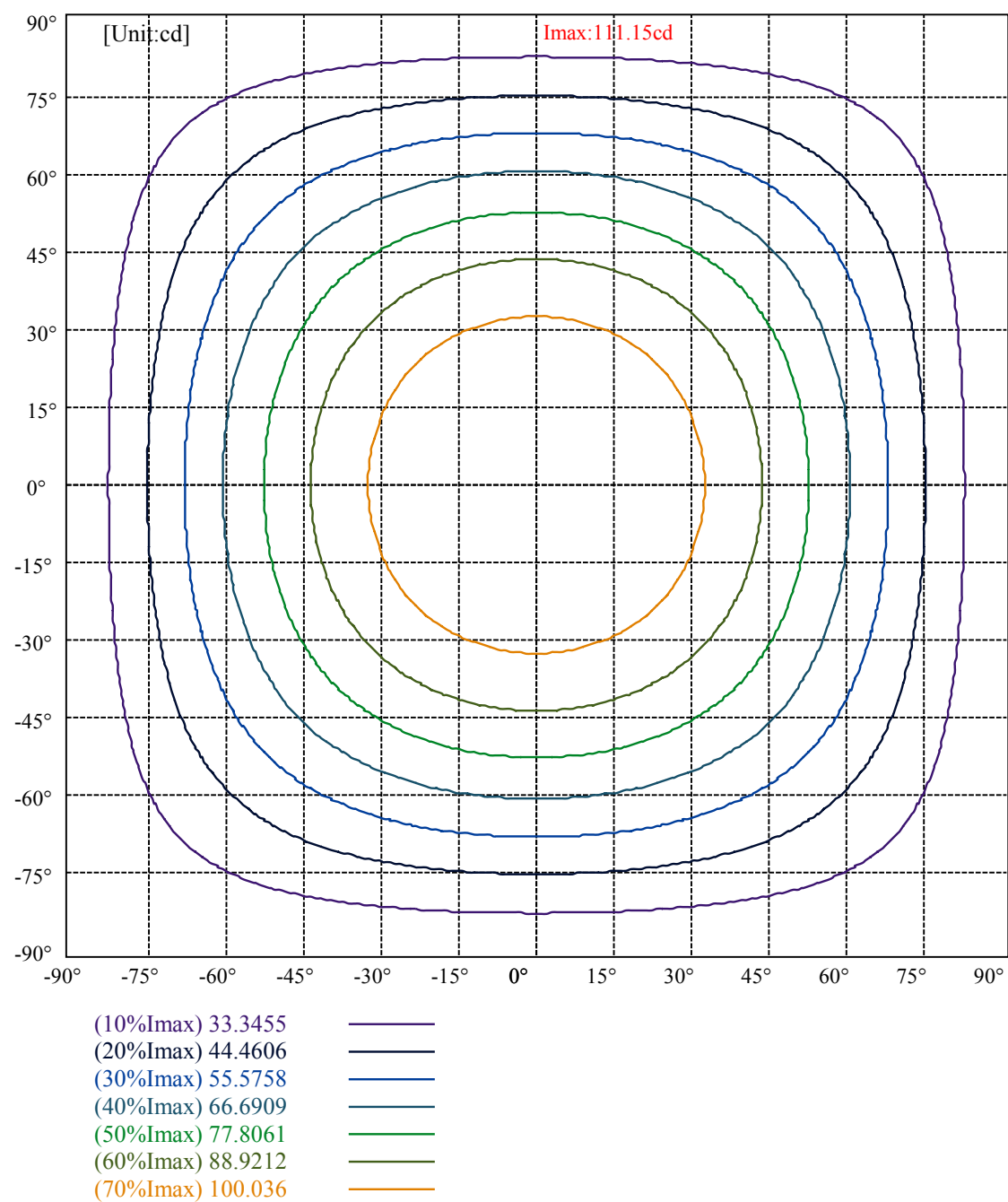


C0(Max): —————
 C0/C180: —————
 C90/C270: —————



Max , Ave

Beam angle of C0 plane 134.74



Luminance Table

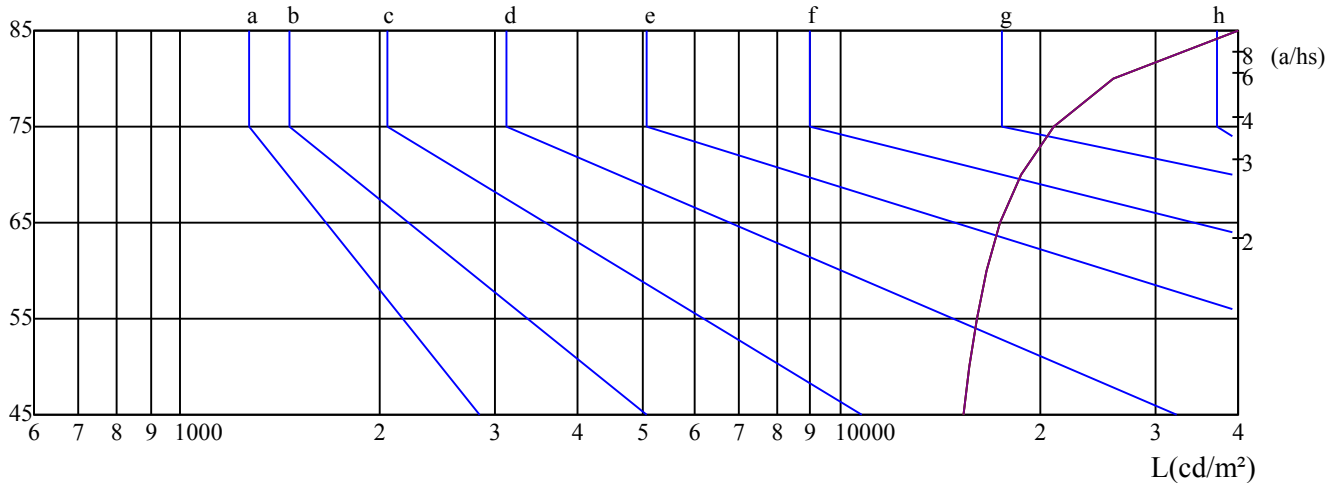
γ	45	50	55	60	65	70	75	80	85
C0	15350	15648	16082	16641	17437	18742	21014	25914	41926
C45	15350	15648	16082	16641	17437	18742	21014	25914	41926
C90	15350	15648	16082	16641	17437	18742	21014	25914	41926

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
17437	17437	17437	21014	21014	21014	41926	41926	41926

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	21.52	22.82	22.17	23.50	24.29	19.73	21.03	20.38	21.71	22.51
	3H	24.18	25.37	24.85	26.07	26.88	21.48	22.67	22.15	23.37	24.18
	4H	25.53	26.66	26.21	27.37	28.19	22.14	23.27	22.82	23.97	24.80
	6H	27.03	28.09	27.72	28.80	29.65	22.67	23.72	23.36	24.44	25.29
	8H	27.84	28.86	28.53	29.58	30.44	22.82	23.85	23.52	24.56	25.42
	12H	28.74	29.73	29.44	30.45	31.31	22.91	23.90	23.62	24.63	25.49
4H	2H	22.28	23.41	22.96	24.11	24.94	21.00	22.13	21.68	22.84	23.66
	3H	25.11	26.09	25.81	26.82	27.68	22.98	23.97	23.68	24.69	25.55
	4H	26.69	27.58	27.40	28.31	29.20	23.90	24.79	24.61	25.53	26.41
	6H	28.34	29.14	29.08	29.90	30.78	24.59	25.39	25.32	26.15	27.03
	8H	29.28	30.04	30.03	30.80	31.69	24.86	25.61	25.60	26.37	27.27
	12H	30.34	31.05	31.09	31.80	32.73	25.06	25.76	25.81	26.51	27.44
8H	4H	27.10	27.85	27.85	28.62	29.51	24.86	25.61	25.61	26.38	27.27
	6H	29.00	29.64	29.76	30.42	31.34	25.90	26.54	26.66	27.31	28.24
	8H	30.17	30.74	30.95	31.54	32.46	26.42	26.99	27.20	27.79	28.71
	12H	31.44	31.93	32.23	32.74	33.67	26.79	27.28	27.58	28.09	29.02
12H	4H	27.16	27.86	27.91	28.62	29.55	25.14	25.84	25.89	26.59	27.52
	6H	29.20	29.77	29.98	30.57	31.49	26.42	26.99	27.20	27.79	28.71
	8H	30.41	30.90	31.19	31.71	32.63	27.05	27.54	27.84	28.35	29.28
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		12.4					12.4				

依据CIE Publ. 117 计算 UGR, S/H = 0.25