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## lumini

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LumCAT:

Luminaire: mini eye shelf e

LampCAT: modulo led 1W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 128.0200

Test No:

Current(A): 0.0300

Number of Lamps: 1

Power (W): 1.4810

Lamp flux(lm): 135.0

PF: 0.3880

Length(mm): 35

Width(mm): 35

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 85.33, Efficiency(%): 63.21% , Luminous Efficacy(lm/W): 57.62

Central intensity(cd): 35.279, Maximum intensity(cd): 35.279

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

Beam angle of C0 plane : 97.30

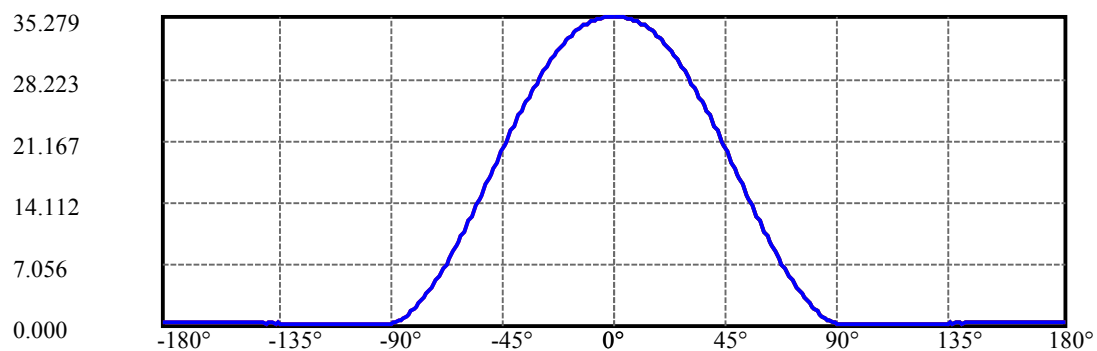
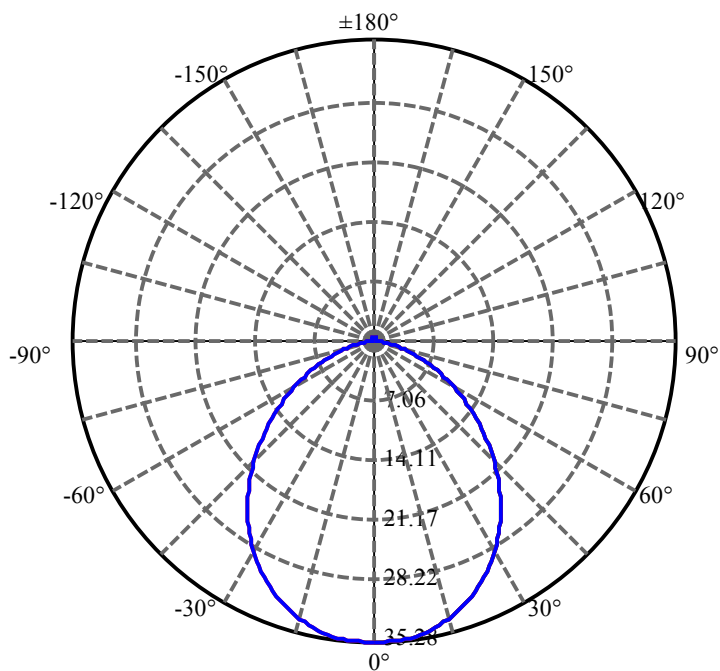
Average BeamAngle(IEC 61341): 97.30

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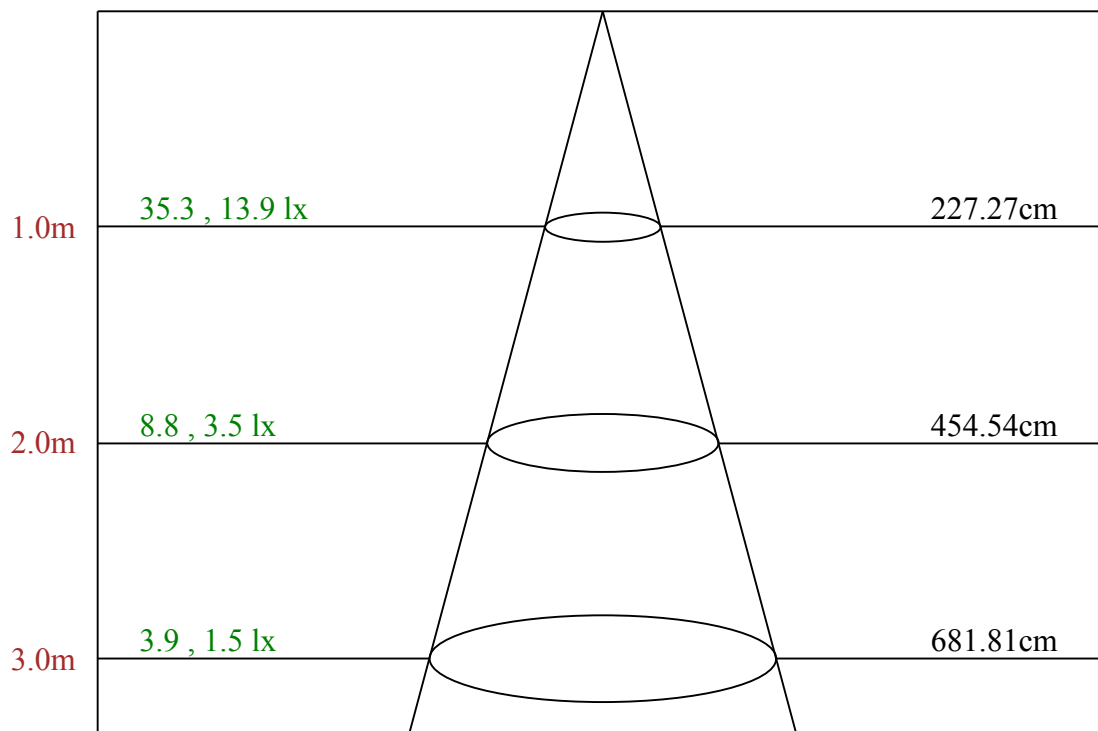
Equipment: equipamento lumini  
Temperature(°C): 25.5

Date: 01/04/2025  
Humidity(%): 60.0%

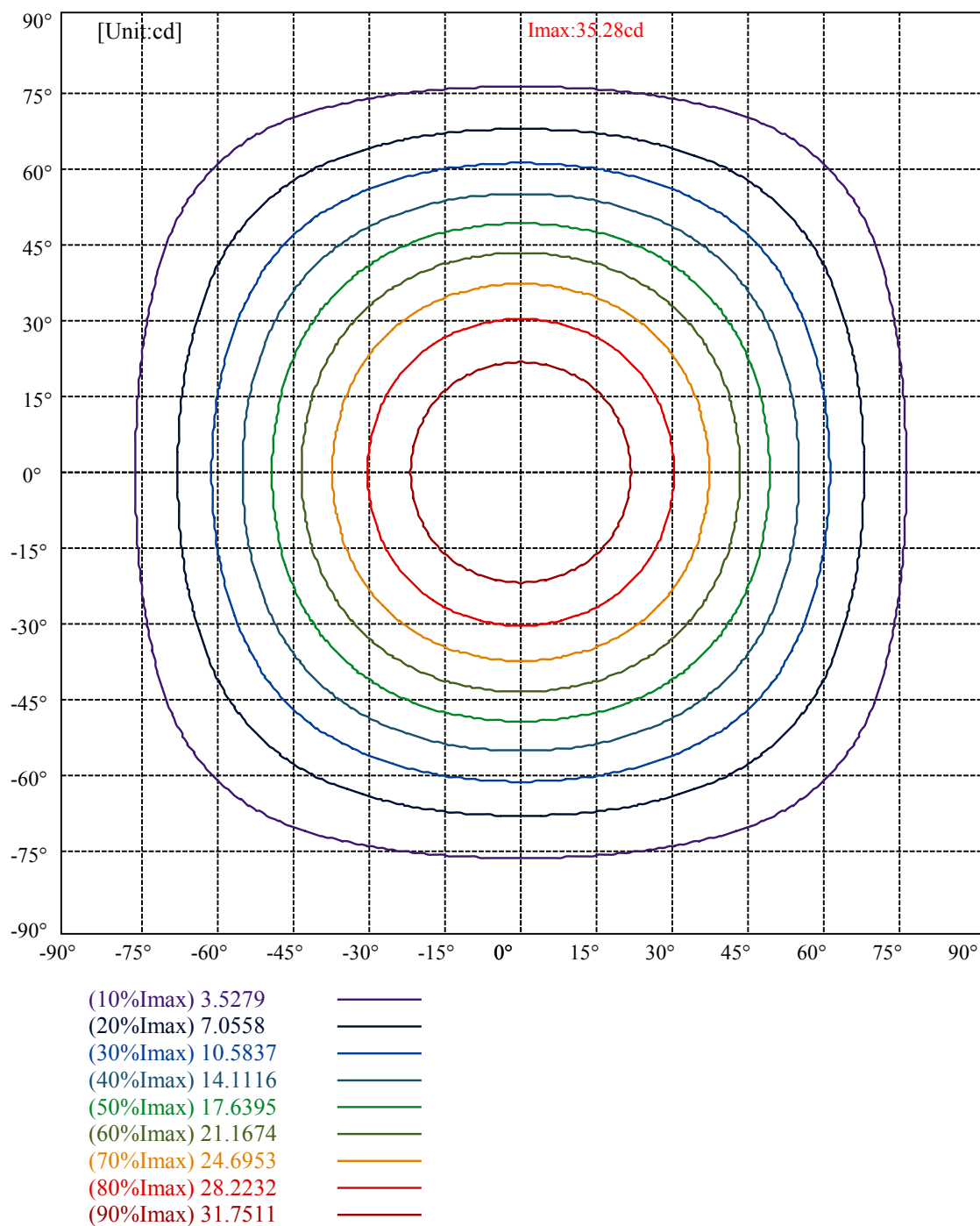
Operator: 01  
Distance(m): 6.90



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



Max , Ave      Beam angle of C0 plane 97.30



Luminance Table

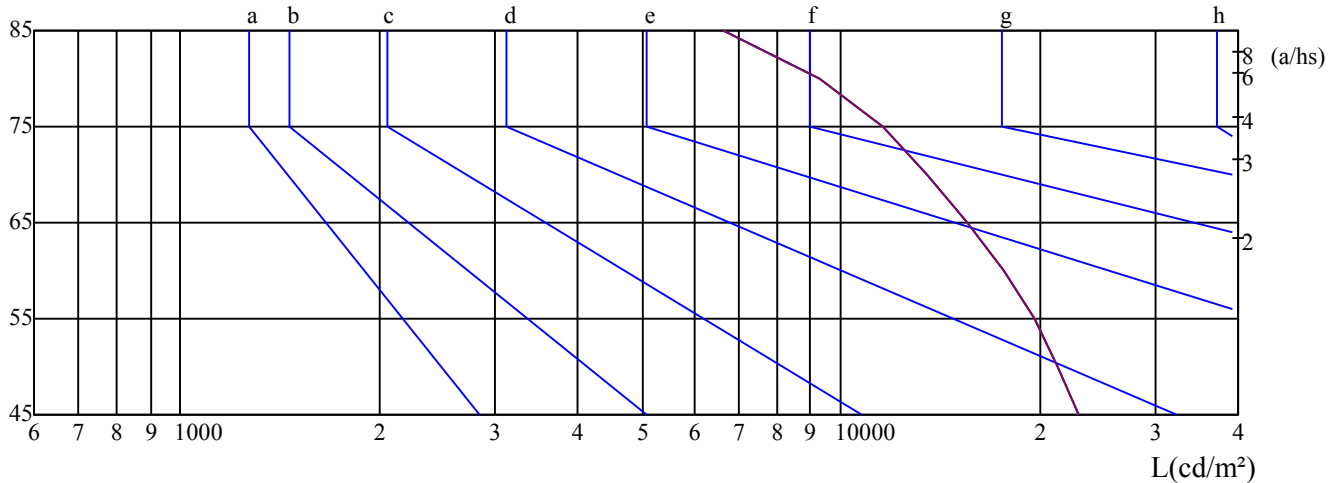
$\gamma$	45	50	55	60	65	70	75	80	85
C0	22982	21366	19642	17635	15576	13494	11563	9316	6633
C45	22982	21366	19642	17635	15576	13494	11563	9316	6633
C90	22982	21366	19642	17635	15576	13494	11563	9316	6633

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
15576	15576	15576	11563	11563	11563	6633	6633	6633

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	23.30	24.80	23.70	25.16	25.53	23.05	24.54	23.44	24.91	25.28
	3H	24.62	25.97	25.04	26.35	26.75	24.23	25.58	24.65	25.97	26.36
	4H	25.09	26.35	25.52	26.75	27.17	24.62	25.89	25.06	26.29	26.71
	6H	25.44	26.61	25.88	27.02	27.47	24.89	26.06	25.33	26.48	26.92
	8H	25.53	26.66	25.98	27.08	27.53	24.93	26.06	25.37	26.48	26.93
	12H	25.57	26.65	26.02	27.08	27.55	24.92	26.00	25.37	26.43	26.90
4H	2H	23.89	25.16	24.32	25.55	25.97	23.69	24.95	24.12	25.35	25.77
	3H	25.36	26.43	25.82	26.86	27.33	25.03	26.10	25.49	26.53	27.00
	4H	25.99	26.94	26.46	27.39	27.89	25.59	26.53	26.06	26.99	27.48
	6H	26.41	27.25	26.91	27.73	28.23	25.91	26.75	26.41	27.23	27.73
	8H	26.57	27.35	27.08	27.84	28.35	26.00	26.78	26.51	27.27	27.79
	12H	26.67	27.40	27.18	27.88	28.43	26.04	26.77	26.56	27.25	27.81
8H	4H	26.19	26.97	26.70	27.46	27.98	25.82	26.61	26.33	27.09	27.61
	6H	26.72	27.37	27.25	27.88	28.43	26.25	26.91	26.78	27.41	27.97
	8H	26.99	27.56	27.54	28.11	28.65	26.45	27.02	27.00	27.57	28.11
	12H	27.15	27.63	27.71	28.18	28.74	26.54	27.01	27.09	27.56	28.12
12H	4H	26.20	26.92	26.71	27.41	27.96	25.84	26.57	26.36	27.05	27.61
	6H	26.80	27.37	27.35	27.92	28.46	26.35	26.92	26.90	27.47	28.01
	8H	27.06	27.54	27.62	28.09	28.65	26.54	27.02	27.10	27.57	28.13
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.4					0.3/-0.4				
S = 1.5H		0.6/-0.9					0.6/-0.9				
S = 2.0H		1.4/-1.2					1.4/-1.2				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.4					7.4				

依据CIE Publ. 117 计算 UGR, S/H = 0.25