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## lumini

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LumCAT:

Luminaire: mini eye shelf e

LampCAT: modulo led 2W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 125.5000

Test No:

Current(A): 0.0490

Number of Lamps: 1

Power (W): 6.1500

Lamp flux(lm): 240.0

PF: 0.0000

Length(mm): 35

Width(mm): 35

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 147.19, Efficiency(%): 61.33% , Luminous Efficacy(lm/W): 23.93

Central intensity(cd): 71.772, Maximum intensity(cd): 71.802

Angle of maximum intensity: C=0.0  $\gamma$ =1.0

Beam angle of C0 plane : 85.51

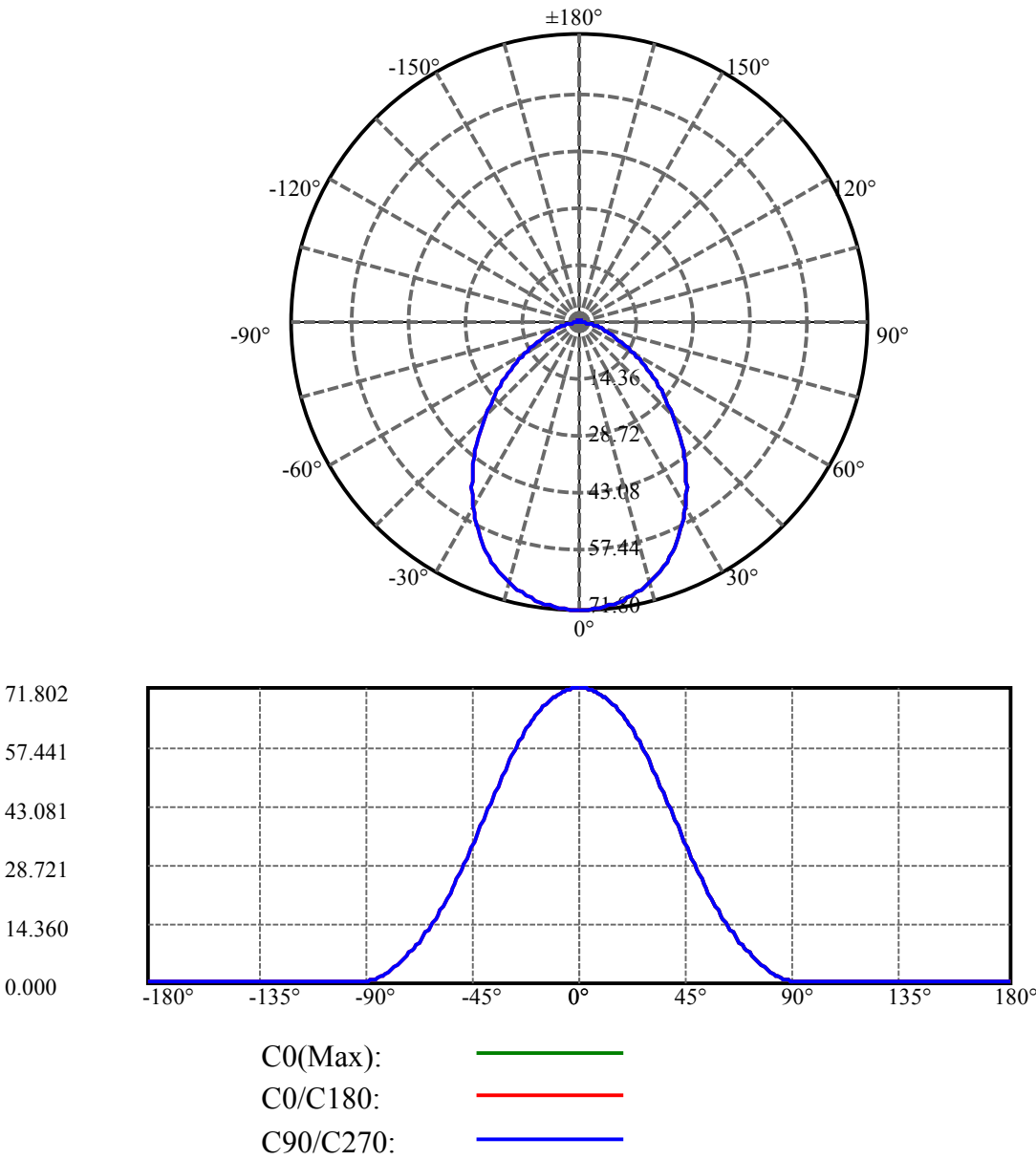
Aveage BeamAngle(IEC 61341):85.51

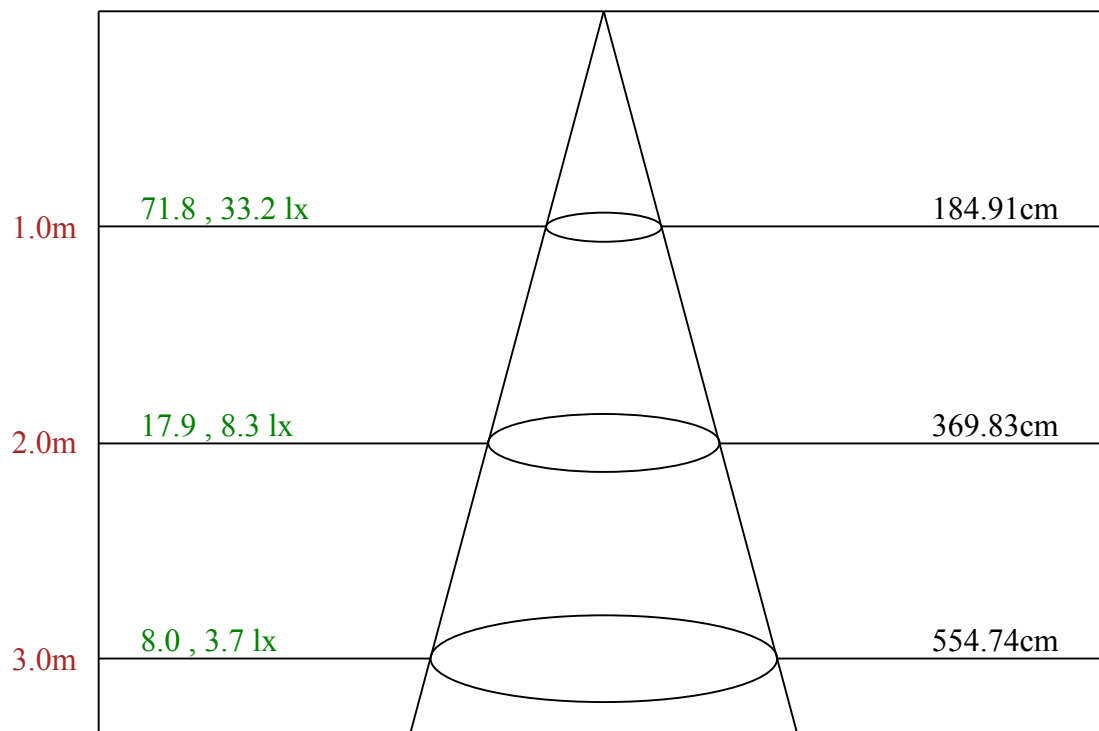
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Equipment: equipamento lumini  
Temperature(°C): 27.2

Date: 04/02/2025  
Humidity(%): 62.0%

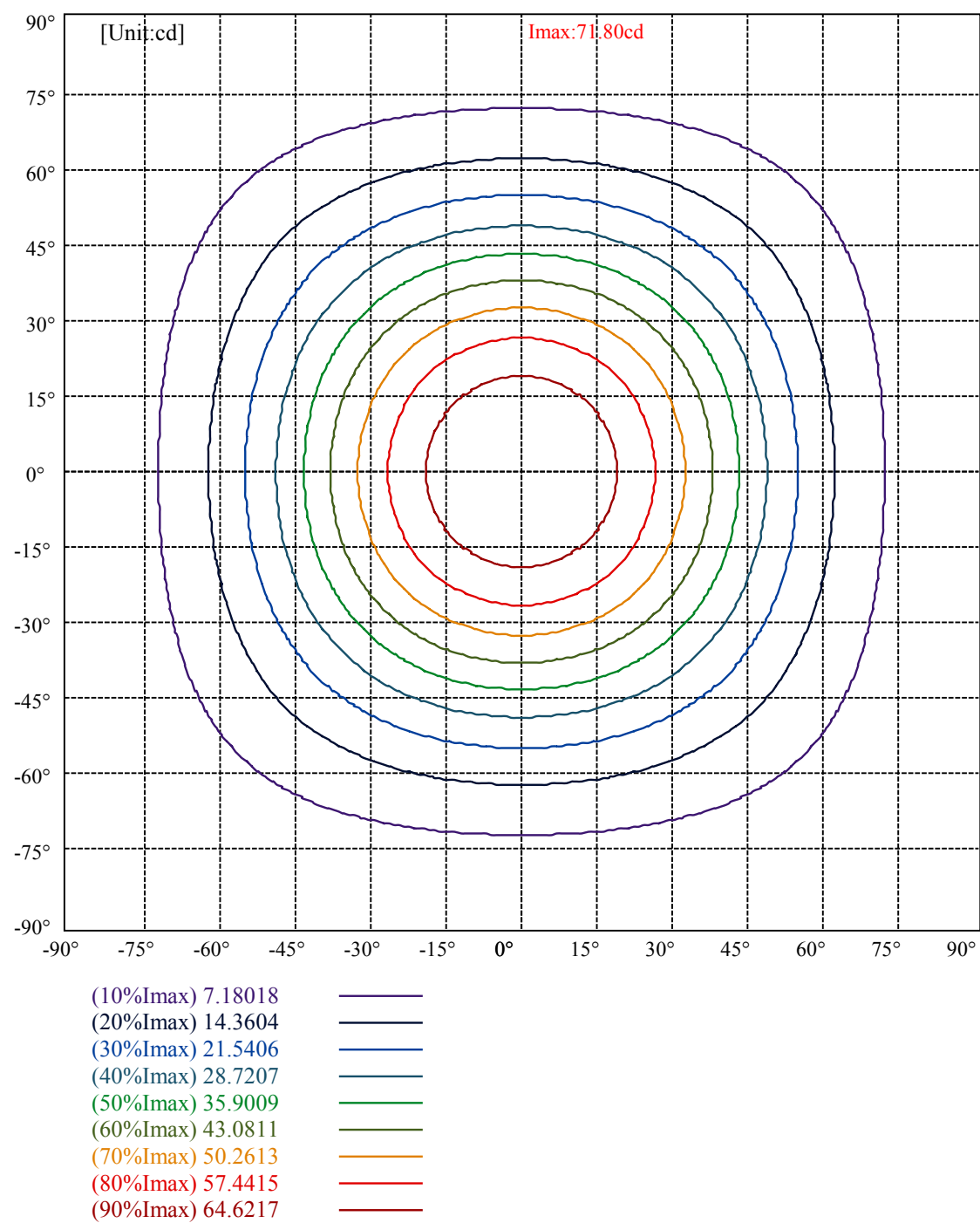
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 85.51



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	38124	33769	29492	25651	22152	18977	16049	12758	9866
C45	38124	33769	29492	25651	22152	18977	16049	12758	9866
C90	38124	33769	29492	25651	22152	18977	16049	12758	9866

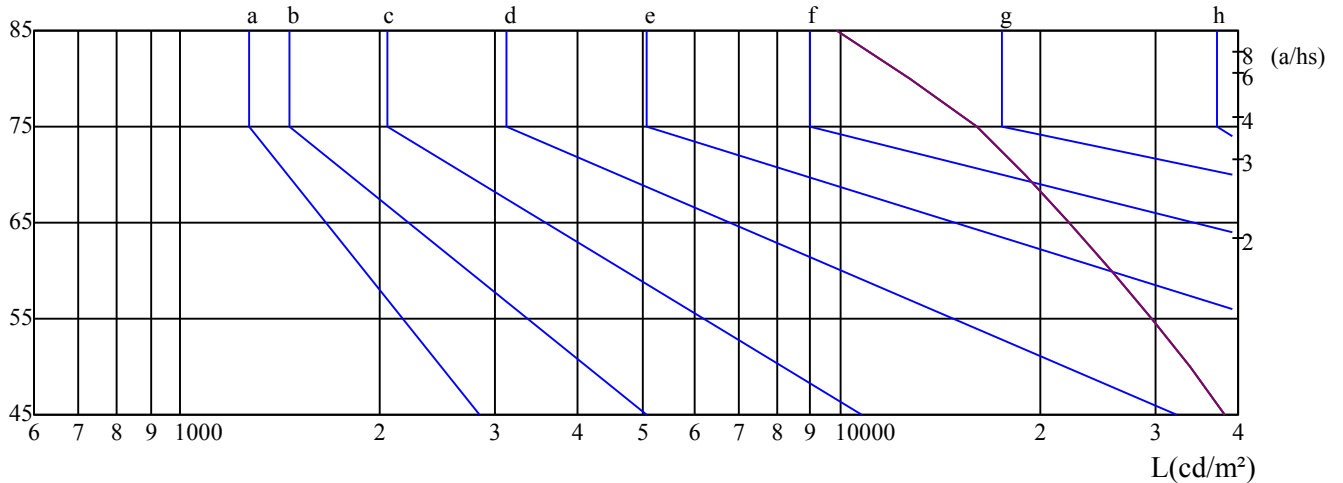
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
22152	22152	22152	16049	16049	16049	9866	9866	9866

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 ———

Equipment: equipamento lumini  
Temperature( $^{\circ}\text{C}$ ): 27.2

Date: 04/02/2025  
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	25.08	26.51	25.47	26.87	27.24	24.81	26.25	25.21	26.61	26.98
	3H	26.02	27.31	26.44	27.69	28.09	25.80	27.09	26.22	27.47	27.87
	4H	26.33	27.53	26.76	27.93	28.34	26.15	27.35	26.58	27.75	28.17
	6H	26.53	27.65	26.98	28.06	28.51	26.41	27.52	26.85	27.93	28.38
	8H	26.55	27.63	27.00	28.05	28.50	26.46	27.53	26.91	27.95	28.41
	12H	26.55	27.57	27.00	28.00	28.46	26.49	27.51	26.94	27.94	28.41
4H	2H	25.55	26.76	25.98	27.15	27.57	25.34	26.54	25.77	26.94	27.35
	3H	26.65	27.67	27.11	28.10	28.56	26.48	27.50	26.94	27.93	28.39
	4H	27.11	28.00	27.58	28.46	28.95	26.98	27.87	27.45	28.33	28.82
	6H	27.36	28.15	27.86	28.64	29.13	27.29	28.08	27.79	28.57	29.06
	8H	27.44	28.18	27.95	28.67	29.18	27.41	28.15	27.92	28.64	29.15
	12H	27.48	28.16	28.00	28.65	29.20	27.50	28.18	28.01	28.66	29.22
8H	4H	27.26	28.00	27.77	28.48	29.00	27.15	27.88	27.66	28.37	28.89
	6H	27.61	28.23	28.14	28.73	29.29	27.56	28.18	28.09	28.68	29.23
	8H	27.79	28.32	28.34	28.87	29.41	27.79	28.32	28.34	28.87	29.41
	12H	27.87	28.32	28.43	28.86	29.42	27.93	28.37	28.49	28.92	29.48
12H	4H	27.26	27.95	27.78	28.43	28.98	27.15	27.83	27.66	28.31	28.87
	6H	27.69	28.22	28.24	28.77	29.31	27.64	28.17	28.19	28.72	29.26
	8H	27.85	28.30	28.41	28.85	29.41	27.85	28.30	28.41	28.85	29.41
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.8/-1.2					0.8/-1.2				
S = 2.0H		1.8/-1.5					1.8/-1.5				
Standard tables:		BK3					BK3				
Uncorrected UGR		8.3					8.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25