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## lumini

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LumCAT:

Luminaire: slice h ext esp

LampCAT: 2x modulo led tr 4W 27K irc 90

Ballast type:

Report No:

Voltage(V): 127.8600

Test No:

Current(A): 0.0810

Number of Lamps: 1

Power (W): 9.9800

Lamp flux(lm): 459.0

PF: 0.9690

Length(mm): 112

Width(mm): 112

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 352.96, Efficiency(%): 76.90% , Luminous Efficacy(lm/W): 35.37

Central intensity(cd): 141.235, Maximum intensity(cd): 141.235

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

Beam angle of C0 plane : 99.36

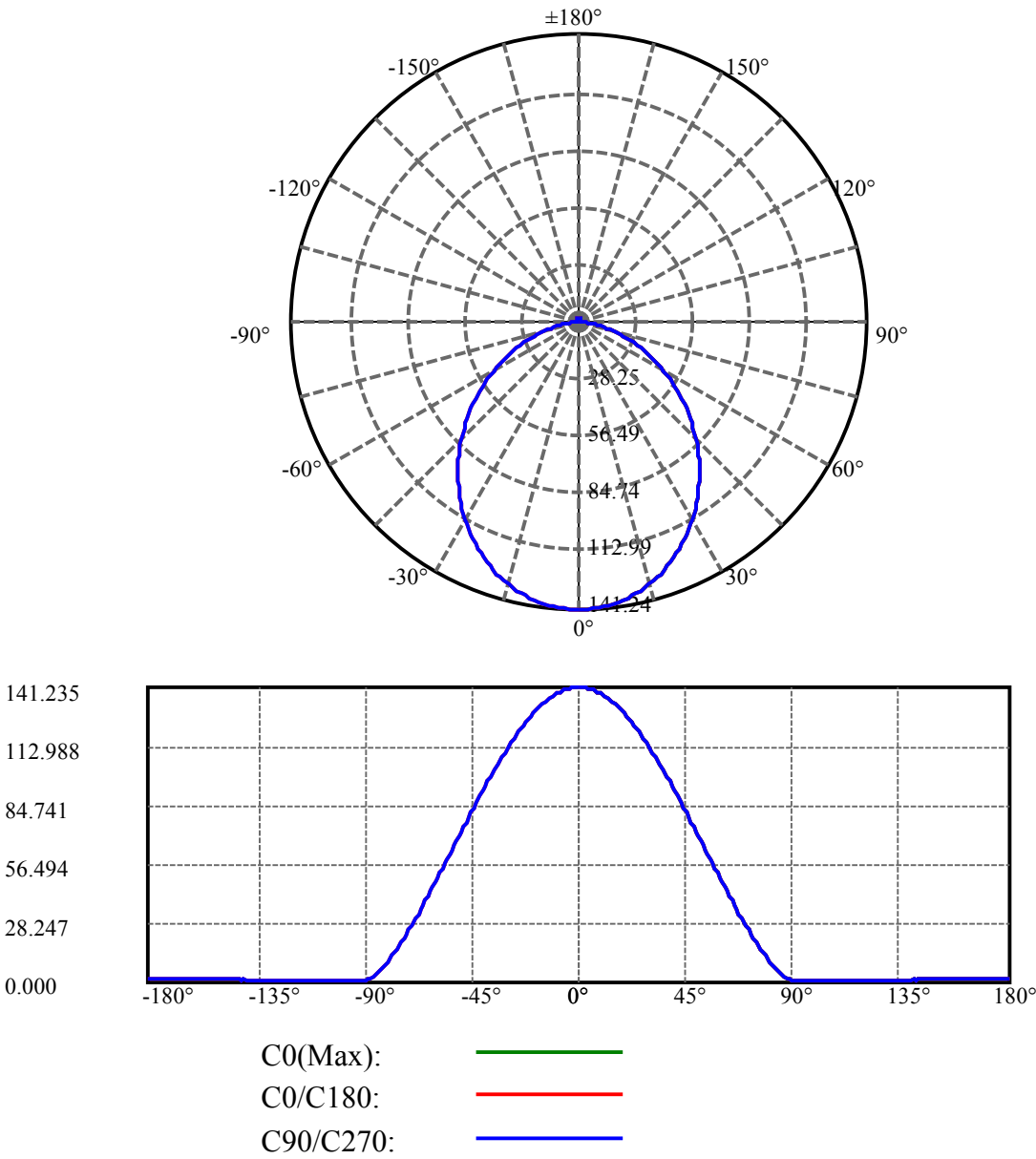
Average BeamAngle(IEC 61341): 99.36

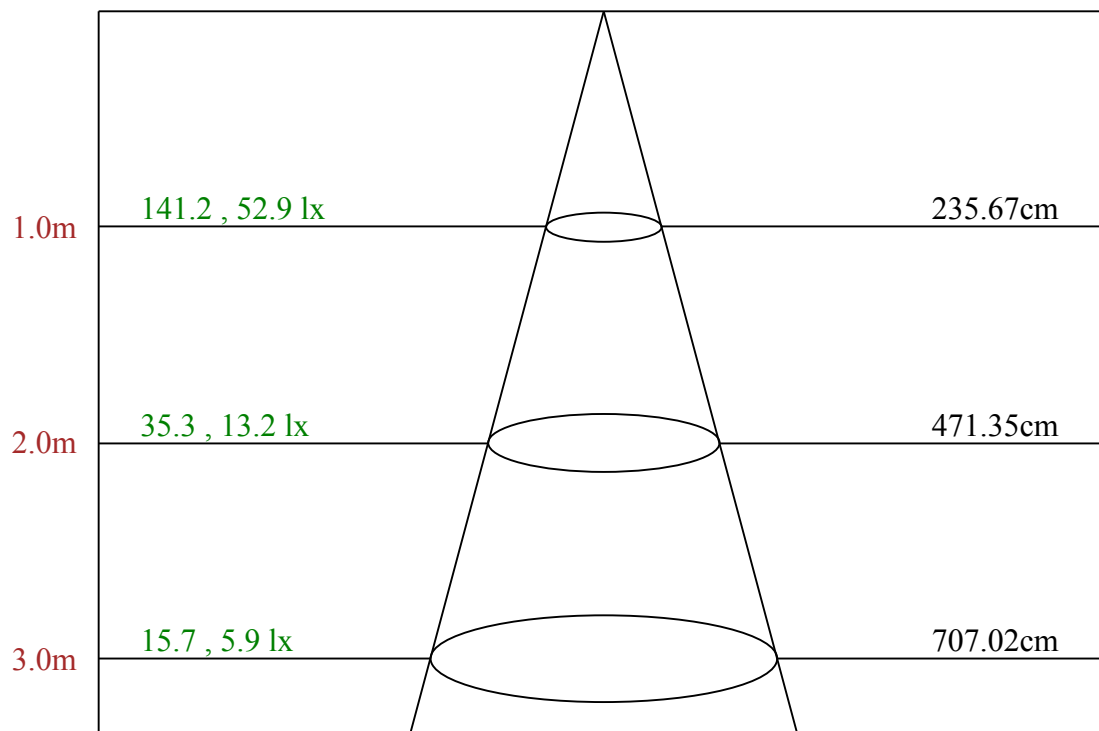
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Equipment: equipamento lumini  
Temperature(°C): 25.0

Date: 30/05/2025  
Humidity(%): 58.0%

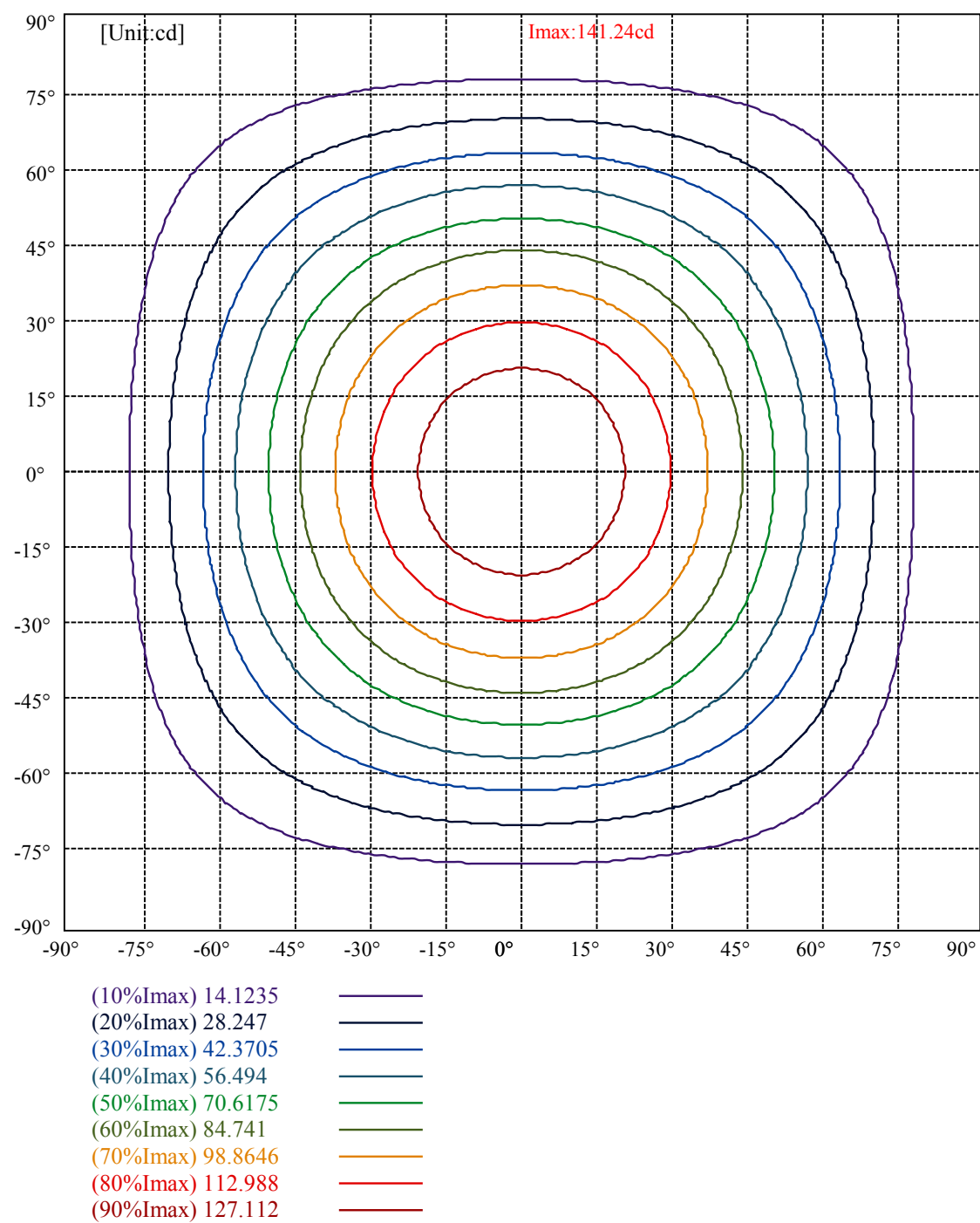
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 99.36



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	9157	8671	8211	7663	6999	6310	5419	4371	3370
C45	9157	8671	8211	7663	6999	6310	5419	4371	3370
C90	9157	8671	8211	7663	6999	6310	5419	4371	3370

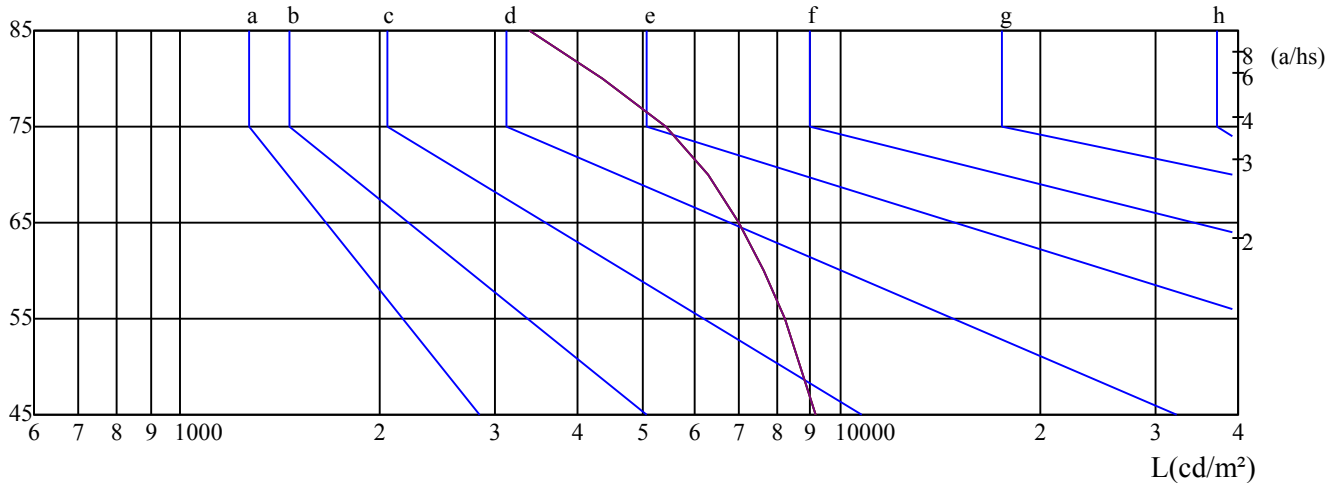
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
6999	6999	6999	5419	5419	5419	3370	3370	3370

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( $^{\circ}\text{C}$ ): 25.0

Date: 30/05/2025  
Humidity(%): 58.0%

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	19.49	21.02	19.88	21.38	21.74	20.14	21.67	20.53	22.03	22.39
	3H	20.62	22.00	21.03	22.38	22.77	21.68	23.07	22.09	23.45	23.84
	4H	20.94	22.24	21.36	22.63	23.04	22.23	23.53	22.65	23.92	24.33
	6H	21.14	22.35	21.58	22.75	23.20	22.63	23.83	23.06	24.24	24.68
	8H	21.15	22.31	21.59	22.73	23.18	22.72	23.88	23.16	24.30	24.75
	12H	21.14	22.25	21.58	22.68	23.13	22.76	23.88	23.21	24.30	24.76
4H	2H	20.29	21.59	20.72	21.99	22.40	20.80	22.10	21.22	22.49	22.90
	3H	21.61	22.71	22.06	23.13	23.59	22.49	23.60	22.94	24.02	24.48
	4H	22.10	23.07	22.56	23.52	24.01	23.20	24.18	23.67	24.63	25.12
	6H	22.35	23.22	22.85	23.70	24.19	23.67	24.54	24.17	25.02	25.51
	8H	22.42	23.23	22.92	23.71	24.22	23.83	24.64	24.34	25.13	25.63
	12H	22.45	23.20	22.96	23.68	24.23	23.94	24.69	24.45	25.16	25.71
8H	4H	22.45	23.26	22.95	23.74	24.25	23.43	24.24	23.93	24.72	25.23
	6H	22.83	23.51	23.35	24.01	24.56	24.02	24.69	24.54	25.20	25.74
	8H	23.00	23.59	23.55	24.14	24.67	24.29	24.88	24.84	25.42	25.96
	12H	23.07	23.57	23.63	24.11	24.67	24.45	24.94	25.00	25.49	26.04
12H	4H	22.48	23.23	22.99	23.71	24.26	23.44	24.19	23.95	24.66	25.21
	6H	22.96	23.55	23.50	24.09	24.63	24.10	24.69	24.64	25.23	25.77
	8H	23.13	23.62	23.68	24.17	24.72	24.36	24.86	24.92	25.41	25.96
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.5					0.3/-0.5				
S = 1.5H		0.6/-0.8					0.6/-0.8				
S = 2.0H		1.1/-1.0					1.1/-1.0				
Standard tables:		BK3					BK3				
Uncorrected UGR		4.7					4.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25