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## lumini

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LumCAT:

Luminaire: mini solum way

LampCAT: modulo led tr 9W 27K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0680

Number of Lamps: 1

Power (W): 8.6300

Lamp flux(lm): 525.0

PF: 0.0000

Length(mm): 34

Width(mm): 1

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 2.59, Efficiency(%): 0.49% , Luminous Efficacy(lm/W): 0.30

Central intensity(cd): 1.000, Maximum intensity(cd): 1.143

Angle of maximum intensity: C=90.0  $\gamma$ =17.0

Beam angle of C90 plane : 65.00

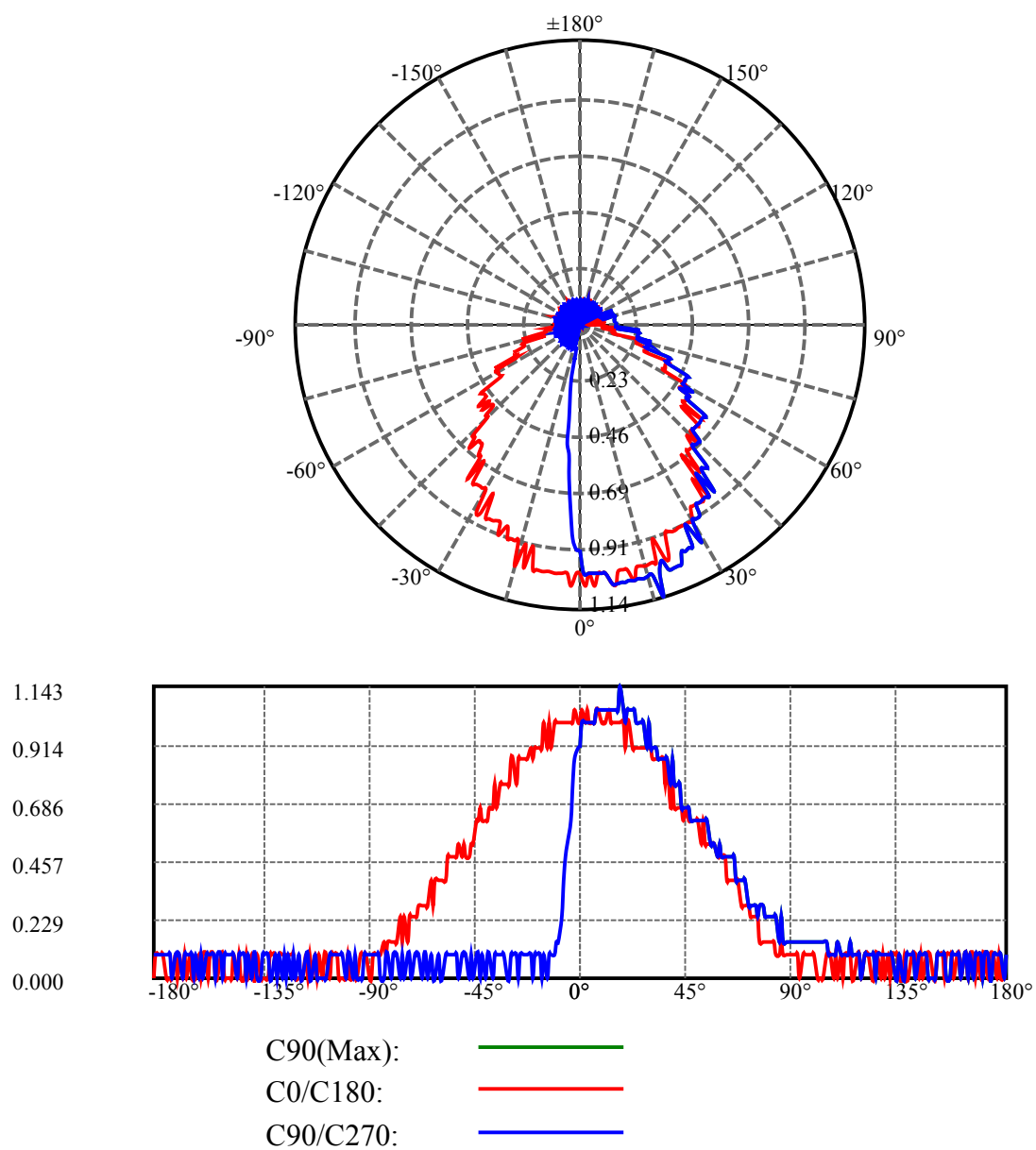
Aveage BeamAngle(IEC 61341):104.00

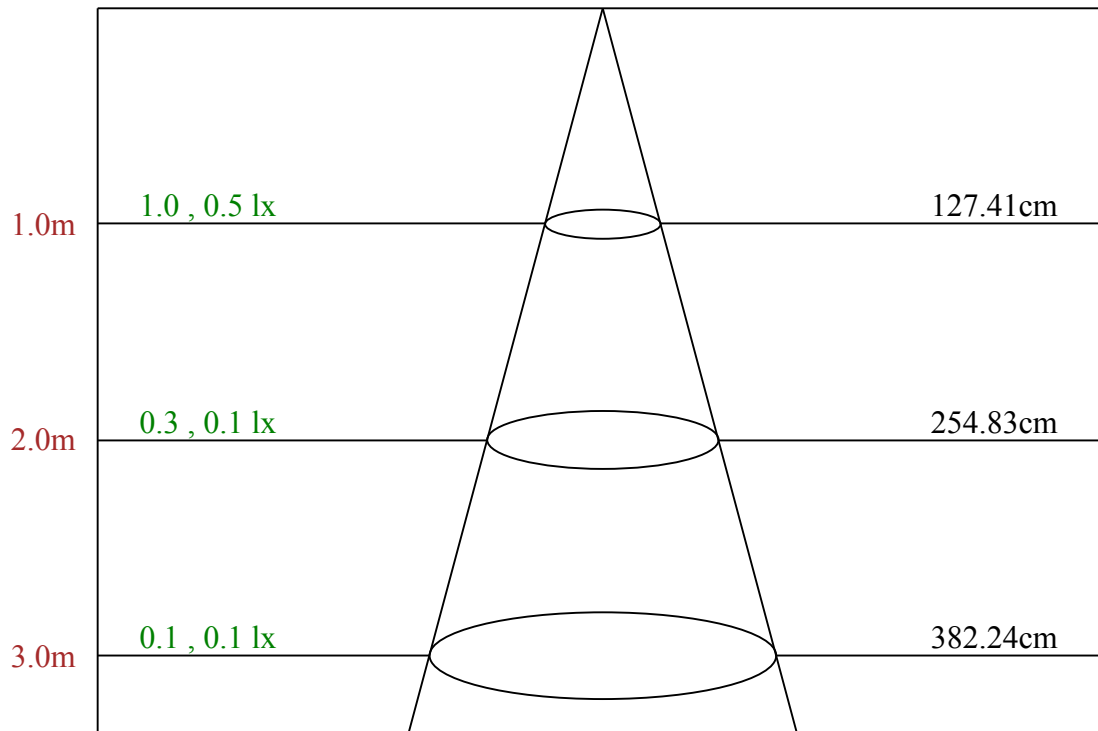
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Equipment: equipamento lumini  
Temperature(°C): 25.0

Date: 04/02/2025  
Humidity(%): 78.0%

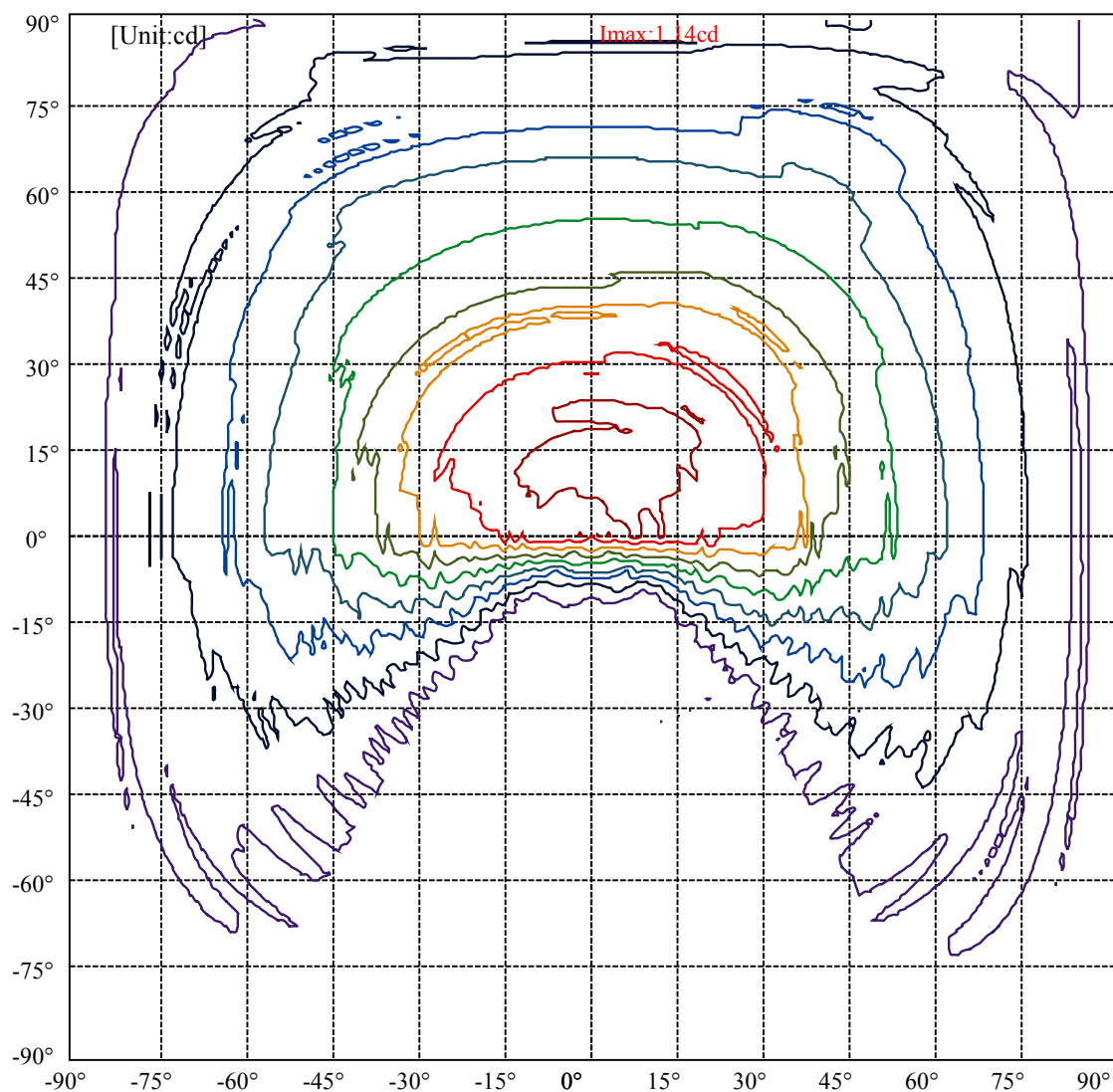
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C90 plane 65.00



(10%Imax) 0.114264	—
(20%Imax) 0.228528	—
(30%Imax) 0.342792	—
(40%Imax) 0.457056	—
(50%Imax) 0.57132	—
(60%Imax) 0.685584	—
(70%Imax) 0.799848	—
(80%Imax) 0.914112	—
(90%Imax) 1.02838	—

## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	27724	28320	26855	28006	26507	24565	27052	24192	48200
C45	35646	30499	31737	30806	33134	32753	43283	48384	96399
C90	27724	28320	26855	28006	33134	32753	27052	40320	80333

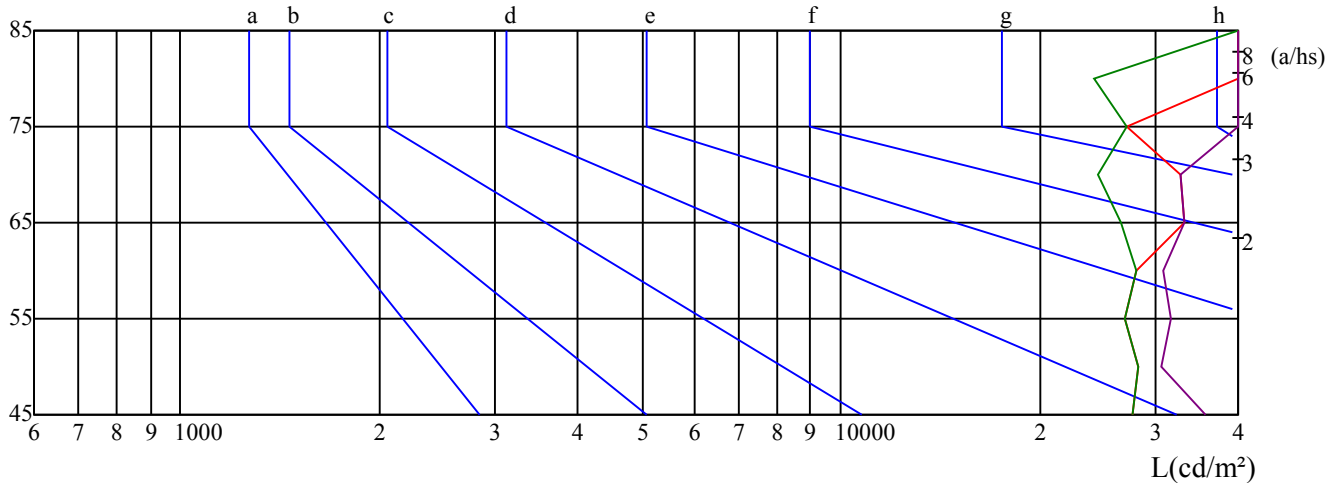
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
23194	19880	19880	21641	18936	27052	40166	56233	44183

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: 04/02/2025  
Humidity(%): 78.0%

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	24.20	25.54	24.79	26.15	26.85	24.57	25.92	25.17	26.53	27.22
	3H	26.06	27.29	26.67	27.92	28.63	26.63	27.85	27.24	28.48	29.19
	4H	26.80	27.97	27.43	28.60	29.33	27.48	28.64	28.10	29.28	30.00
	6H	27.34	28.42	27.97	29.07	29.82	28.52	29.61	29.15	30.25	31.01
	8H	27.63	28.69	28.27	29.34	30.10	29.13	30.18	29.77	30.83	31.59
	12H	27.97	28.98	28.62	29.64	30.41	29.73	30.75	30.38	31.41	32.17
4H	2H	25.20	26.37	25.83	27.00	27.73	25.48	26.64	26.10	27.28	28.00
	3H	27.27	28.28	27.91	28.93	29.70	27.71	28.72	28.35	29.38	30.14
	4H	28.26	29.17	28.92	29.84	30.63	28.84	29.75	29.50	30.43	31.22
	6H	28.96	29.77	29.64	30.47	31.26	30.02	30.84	30.71	31.54	32.32
	8H	29.36	30.13	30.05	30.83	31.63	30.74	31.51	31.44	32.21	33.02
	12H	29.84	30.55	30.54	31.25	32.09	31.49	32.21	32.19	32.90	33.74
8H	4H	28.97	29.74	29.67	30.44	31.24	29.45	30.22	30.15	30.92	31.72
	6H	29.96	30.61	30.67	31.32	32.16	30.87	31.52	31.58	32.23	33.07
	8H	30.60	31.17	31.32	31.91	32.74	31.83	32.40	32.55	33.14	33.97
	12H	31.33	31.82	32.06	32.57	33.41	32.80	33.30	33.53	34.05	34.88
12H	4H	29.11	29.83	29.81	30.52	31.36	29.54	30.26	30.24	30.95	31.79
	6H	30.29	30.87	31.02	31.61	32.44	31.11	31.69	31.84	32.43	33.26
	8H	31.06	31.56	31.80	32.31	33.15	32.17	32.67	32.90	33.42	34.25
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.9					0.2/-0.8				
S = 1.5H		0.5/-0.9					0.6/-0.9				
S = 2.0H		0.4/-0.9					0.3/-0.9				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		15.9					14.9				

依据CIE Publ. 117 计算 UGR, S/H = 0.25