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## lumini

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LumCAT:

Luminaire: gap s - (luz indireta)

LampCAT: modulo led 8W 27K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.8700

Test No:

Current(A): 0.0750

Number of Lamps: 1

Power (W): 9.4540

Lamp flux(lm): 1259.0

PF: 0.9810

Length(mm): 530

Width(mm): 530

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1111.62, Efficiency(%): 88.29% , Luminous Efficacy(lm/W): 117.58

Central intensity(cd): 423.027, Maximum intensity(cd): 423.027

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

Beam angle of C0 plane : 103.35

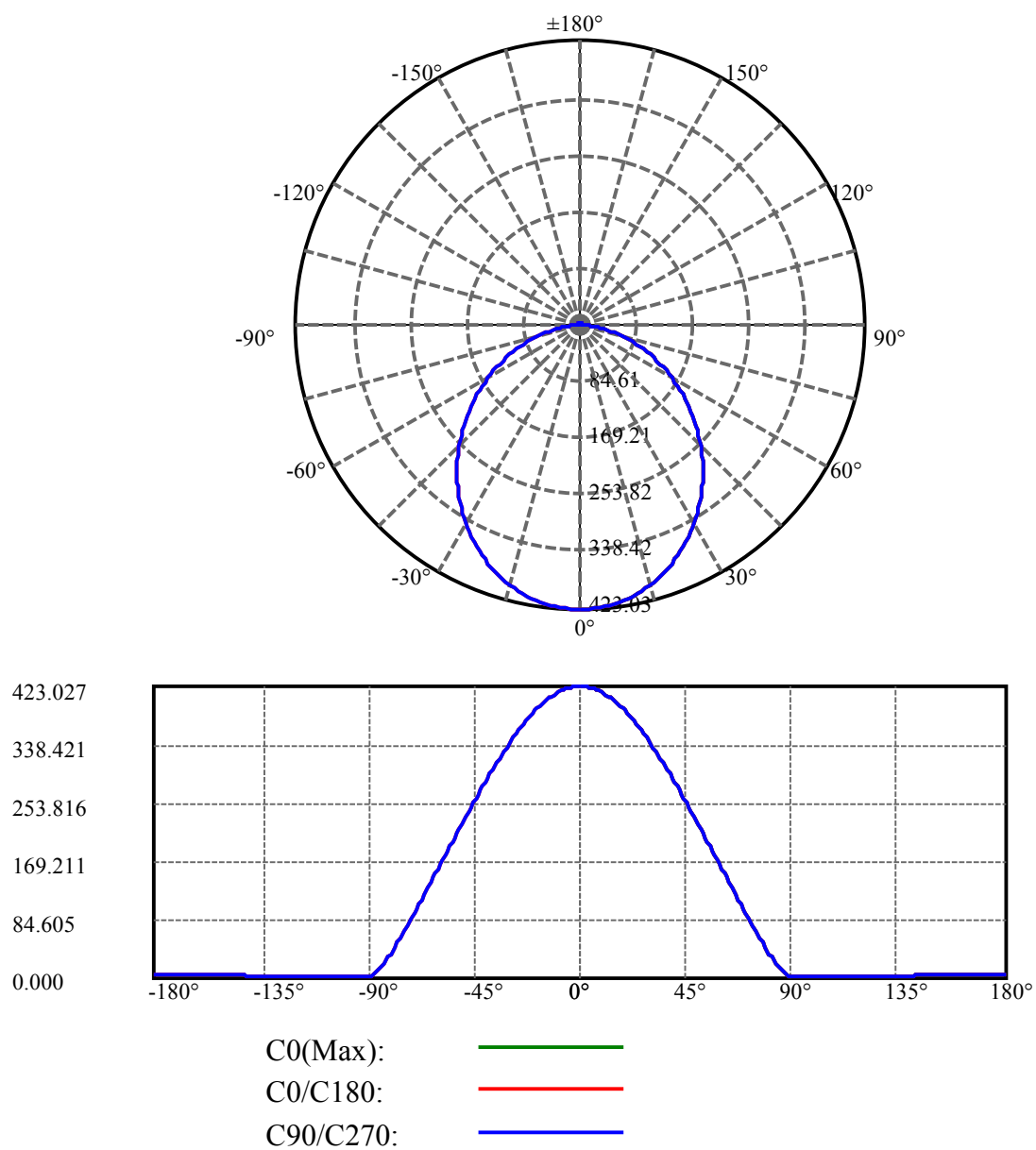
Average BeamAngle(IEC 61341): 103.35

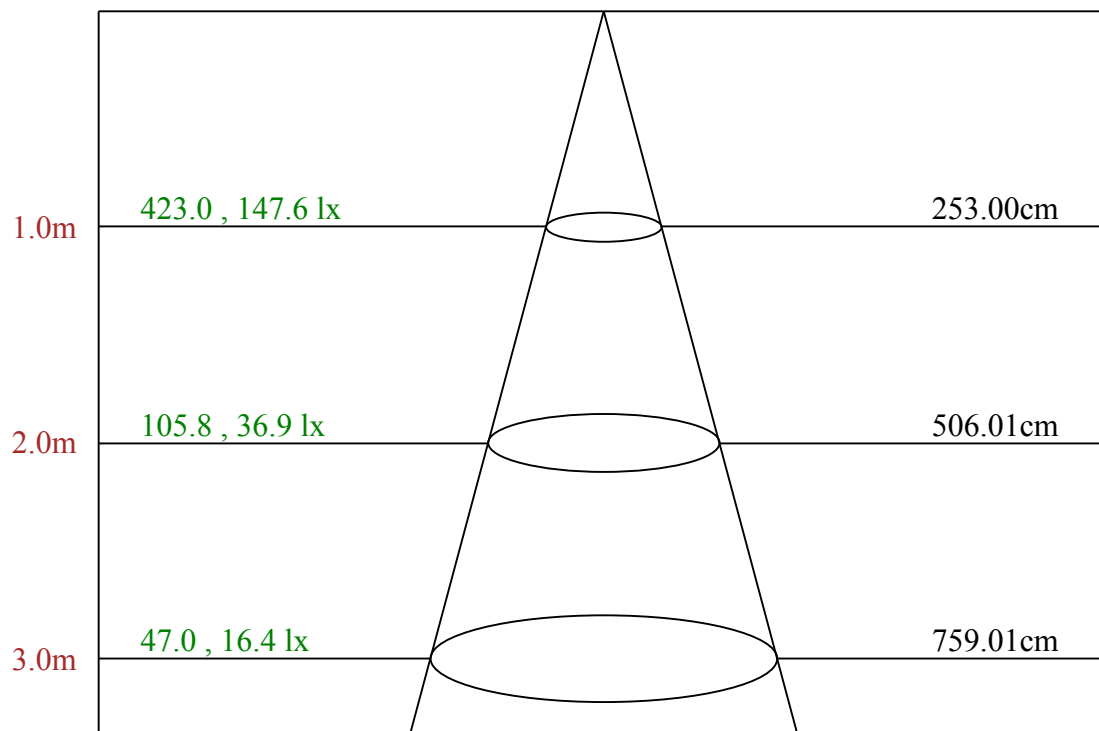
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Equipment: equipamento lumini  
Temperature(°C): 25.0

Date: 13/03/2025  
Humidity(%): 58.0%

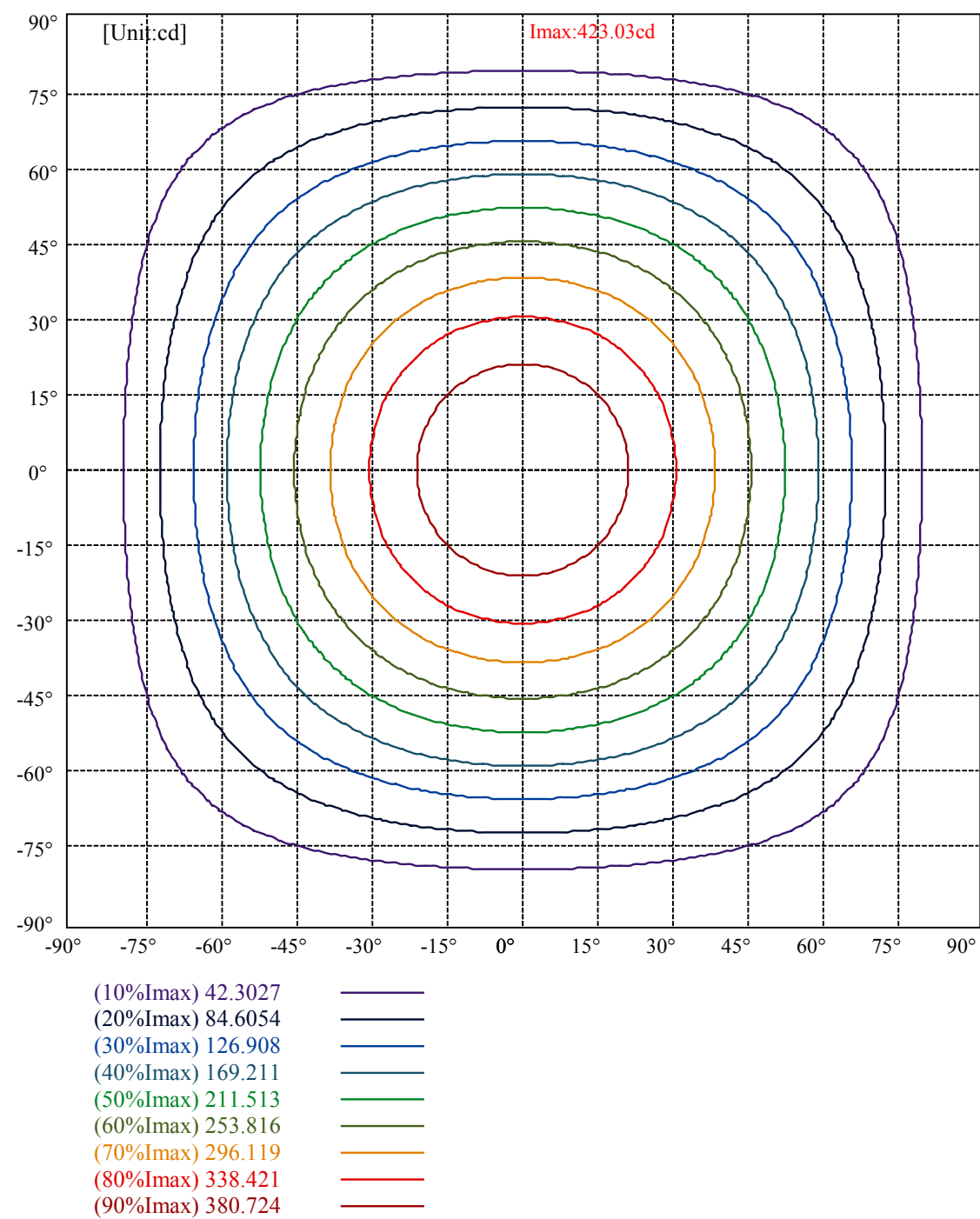
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 103.35



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

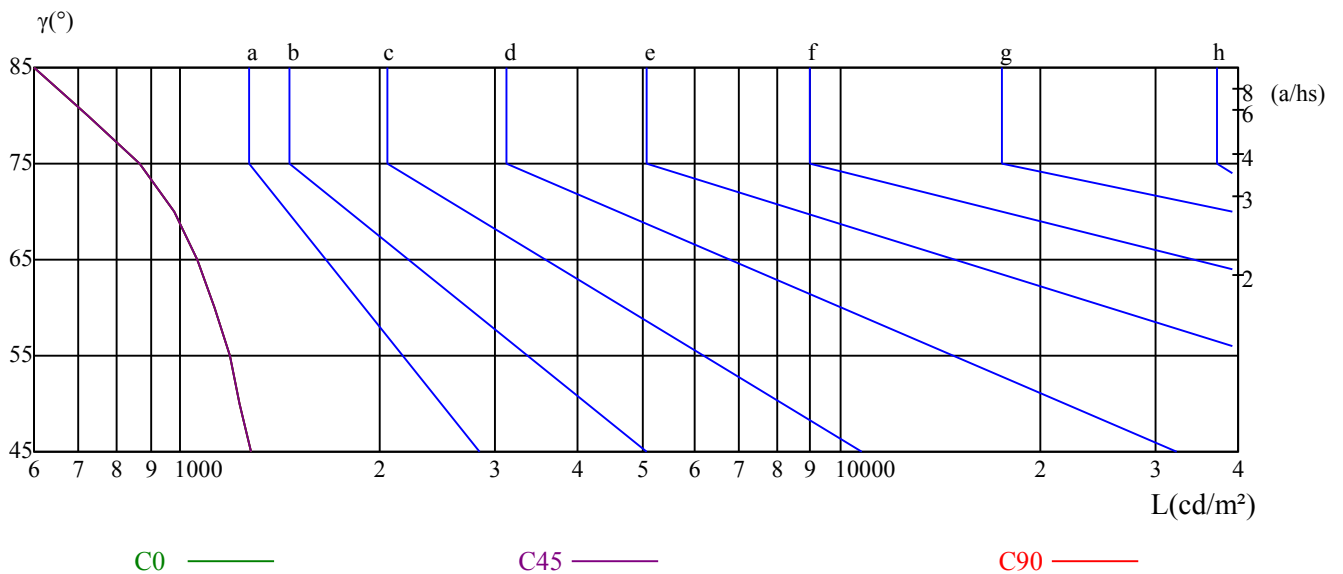
$\gamma$	45	50	55	60	65	70	75	80	85
C0	1278	1232	1184	1126	1059	980	869	724	540
C45	1278	1232	1184	1126	1059	980	869	724	540
C90	1278	1232	1184	1126	1059	980	869	724	540

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1059	1059	1059	869	869	869	540	540	540

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



Equipment: equipamento lumini  
Temperature( $^{\circ}$ C): 25.0

Date: 13/03/2025  
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	12.97	14.53	13.36	14.89	15.25	13.03	14.59	13.42	14.95	15.31
	3H	14.48	15.90	14.90	16.27	16.66	14.58	15.99	14.99	16.37	16.76
	4H	15.01	16.34	15.43	16.73	17.14	15.11	16.44	15.54	16.83	17.24
	6H	15.36	16.60	15.80	17.00	17.44	15.50	16.73	15.93	17.14	17.58
	8H	15.43	16.62	15.87	17.03	17.48	15.58	16.77	16.02	17.18	17.63
	12H	15.45	16.59	15.89	17.01	17.46	15.60	16.74	16.05	17.17	17.62
4H	2H	13.69	15.02	14.12	15.41	15.82	13.74	15.07	14.16	15.46	15.86
	3H	15.35	16.48	15.80	16.90	17.36	15.43	16.56	15.87	16.98	17.43
	4H	16.03	17.03	16.50	17.48	17.97	16.12	17.12	16.59	17.57	18.06
	6H	16.45	17.34	16.94	17.81	18.30	16.57	17.46	17.06	17.94	18.42
	8H	16.57	17.41	17.08	17.89	18.39	16.72	17.55	17.22	18.03	18.53
	12H	16.64	17.42	17.15	17.89	18.44	16.79	17.57	17.30	18.04	18.59
8H	4H	16.29	17.12	16.79	17.60	18.11	16.37	17.20	16.87	17.68	18.19
	6H	16.81	17.50	17.33	18.00	18.55	16.93	17.62	17.45	18.12	18.66
	8H	17.05	17.65	17.59	18.20	18.73	17.19	17.79	17.73	18.33	18.86
	12H	17.16	17.67	17.71	18.21	18.76	17.30	17.82	17.86	18.36	18.91
12H	4H	16.31	17.08	16.82	17.56	18.10	16.39	17.16	16.89	17.63	18.18
	6H	16.91	17.51	17.45	18.05	18.59	17.02	17.62	17.56	18.17	18.70
	8H	17.13	17.64	17.68	18.19	18.74	17.27	17.78	17.82	18.32	18.87
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.5					0.3/-0.5				
S = 1.5H		0.6/-0.7					0.6/-0.7				
S = 2.0H		0.9/-0.9					0.9/-0.9				
Standard tables:		BK3					BK3				
Uncorrected UGR		-1.7					-1.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25