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## lumini

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LumCAT:

Luminaire: split e

LampCAT: 2 x led line 15Wm 30K irc 90 12V

Ballast type: led line driver 12Vdc

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1670

Number of Lamps: 1

Power (W): 20.8000

Lamp flux(lm): 1400.0

PF: 0.9700

Length(mm): 500

Width(mm): 40

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 319.11, Efficiency(%): 22.79% , Luminous Efficacy(lm/W): 15.34

Central intensity(cd): 100.886, Maximum intensity(cd): 100.886

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

Beam angle of C0 plane : 119.90

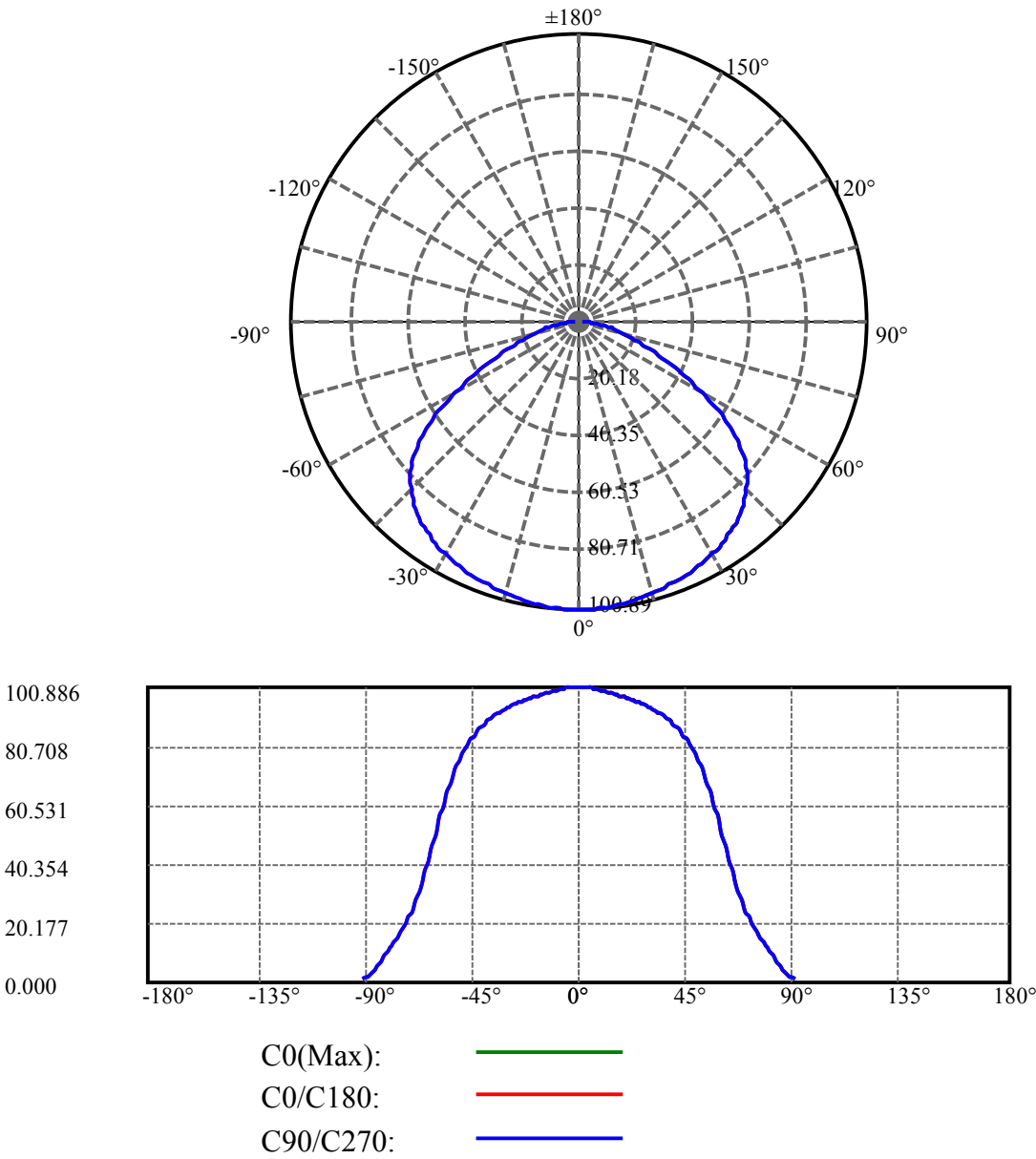
Aveage BeamAngle(IEC 61341):119.90

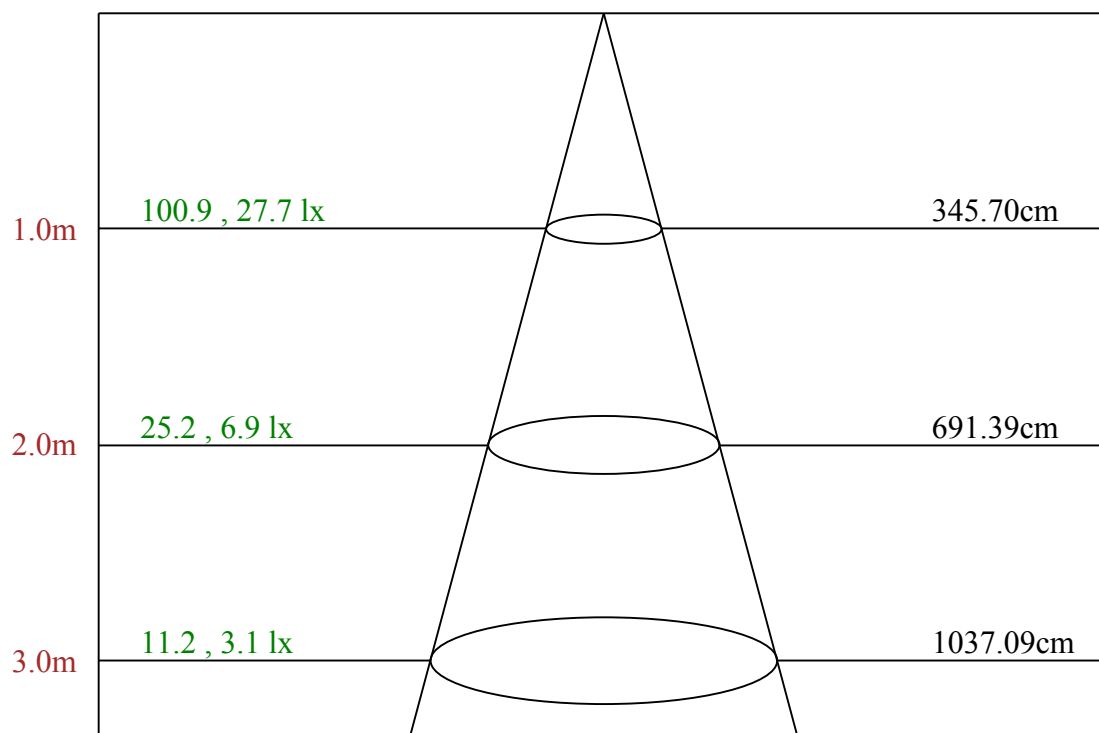
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Equipment: equipamento lumini  
Temperature(°C): 25.5

Date: 30/09/2024  
Humidity(%): 55.0%

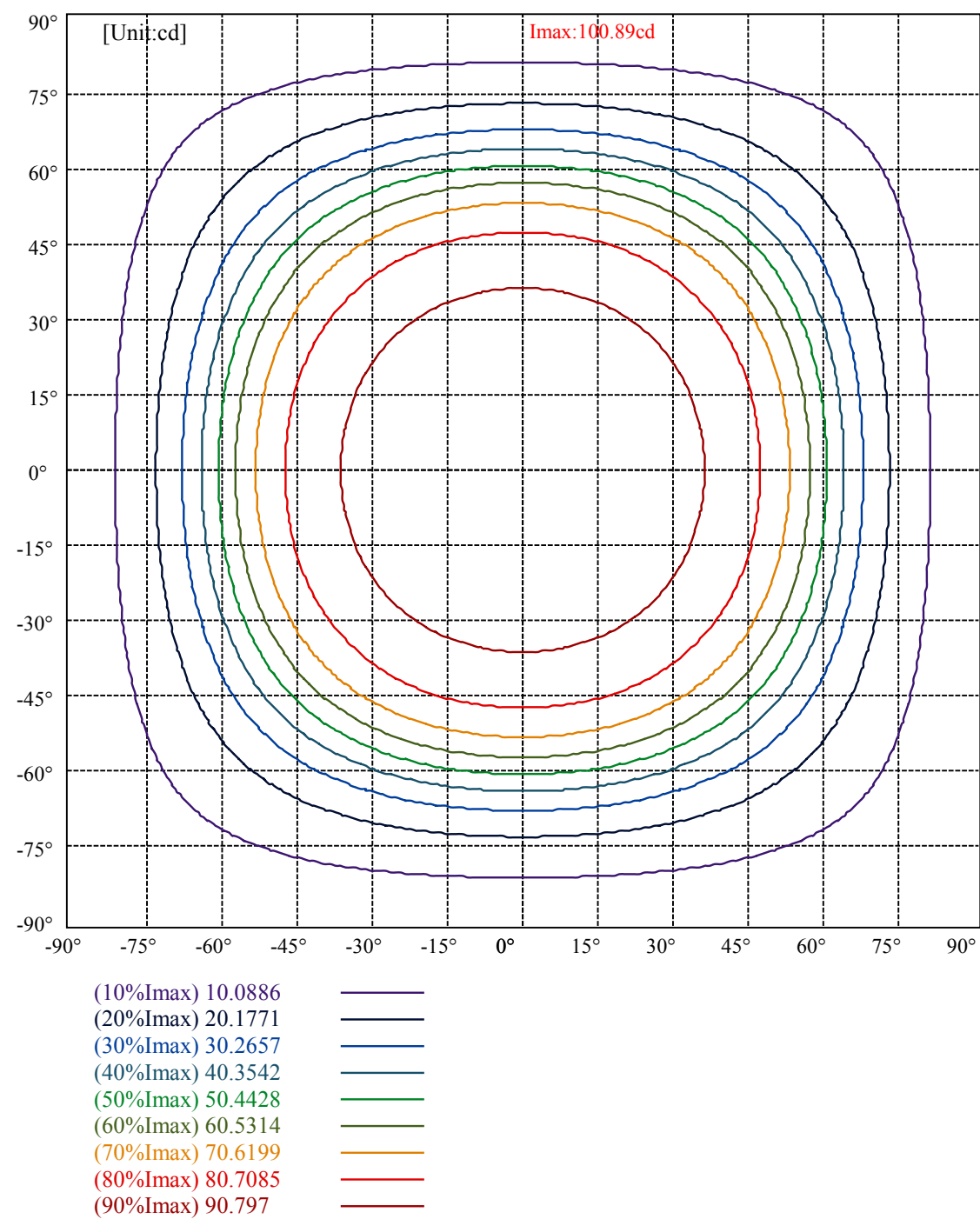
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 119.90



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	5876	5907	5678	5028	4175	3494	3198	3019	2670
C45	5876	5907	5678	5028	4175	3494	3198	3019	2670
C90	5876	5907	5678	5028	4175	3494	3198	3019	2670

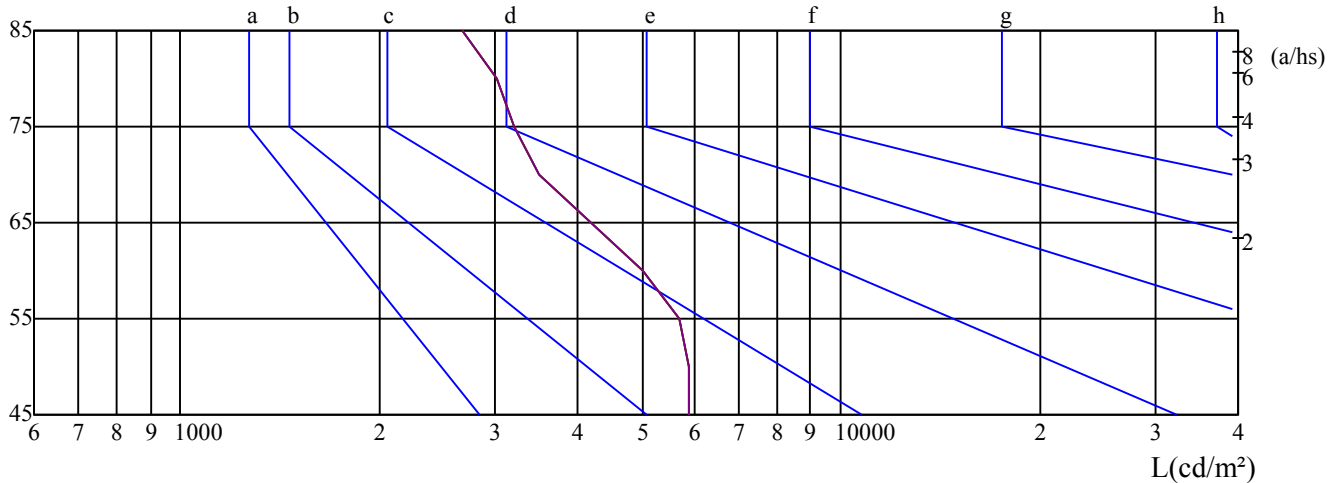
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4175	4175	4175	3198	3198	3198	2670	2670	2670

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( $^{\circ}\text{C}$ ): 25.5

Date: 30/09/2024  
Humidity(%): 55.0%

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	18.47	20.12	18.83	20.43	20.75	18.36	20.00	18.72	20.32	20.63
	3H	19.96	21.45	20.34	21.78	22.12	19.12	20.61	19.51	20.95	21.29
	4H	20.57	21.97	20.96	22.32	22.68	19.43	20.83	19.83	21.18	21.54
	6H	21.11	22.41	21.51	22.77	23.16	19.72	21.02	20.13	21.39	21.78
	8H	21.27	22.52	21.68	22.90	23.30	19.80	21.05	20.21	21.43	21.83
	12H	21.35	22.55	21.77	22.94	23.34	19.86	21.06	20.28	21.45	21.85
4H	2H	19.14	20.54	19.54	20.89	21.25	19.03	20.43	19.42	20.78	21.14
	3H	20.67	21.86	21.09	22.24	22.65	19.91	21.10	20.32	21.48	21.89
	4H	21.42	22.47	21.85	22.88	23.32	20.35	21.40	20.78	21.82	22.25
	6H	22.03	22.96	22.48	23.40	23.84	20.69	21.63	21.15	22.07	22.51
	8H	22.27	23.14	22.74	23.59	24.05	20.84	21.71	21.31	22.16	22.62
	12H	22.42	23.23	22.89	23.67	24.17	20.97	21.78	21.44	22.22	22.72
8H	4H	21.52	22.39	21.99	22.83	23.29	20.53	21.41	21.00	21.85	22.31
	6H	22.23	22.96	22.72	23.43	23.92	20.98	21.71	21.46	22.17	22.67
	8H	22.59	23.23	23.10	23.74	24.22	21.24	21.88	21.74	22.38	22.87
	12H	22.80	23.35	23.32	23.86	24.36	21.43	21.97	21.95	22.48	22.99
12H	4H	21.52	22.33	21.99	22.77	23.27	20.56	21.37	21.03	21.81	22.31
	6H	22.29	22.94	22.80	23.44	23.93	21.07	21.72	21.58	22.22	22.71
	8H	22.64	23.18	23.16	23.69	24.20	21.32	21.87	21.84	22.38	22.88
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.5					0.4/-0.5				
S = 1.5H		0.4/-0.9					0.4/-0.9				
S = 2.0H		1.3/-1.3					1.3/-1.3				
Standard tables:		BK3					BK3				
Uncorrected UGR		3.6					3.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25