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## lumini

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LumCAT:

Luminaire: super track diffuse 30

LampCAT: modulo led 8.5W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.9800

Number of Lamps: 1

Power (W): 11.6000

Lamp flux(lm): 1180.0

PF: 0.8900

Length(mm): 300

Width(mm): 50

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 677.37, Efficiency(%): 57.40% , Luminous Efficacy(lm/W): 58.39

Central intensity(cd): 243.989, Maximum intensity(cd): 243.989

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

Beam angle of C0 plane : 110.21

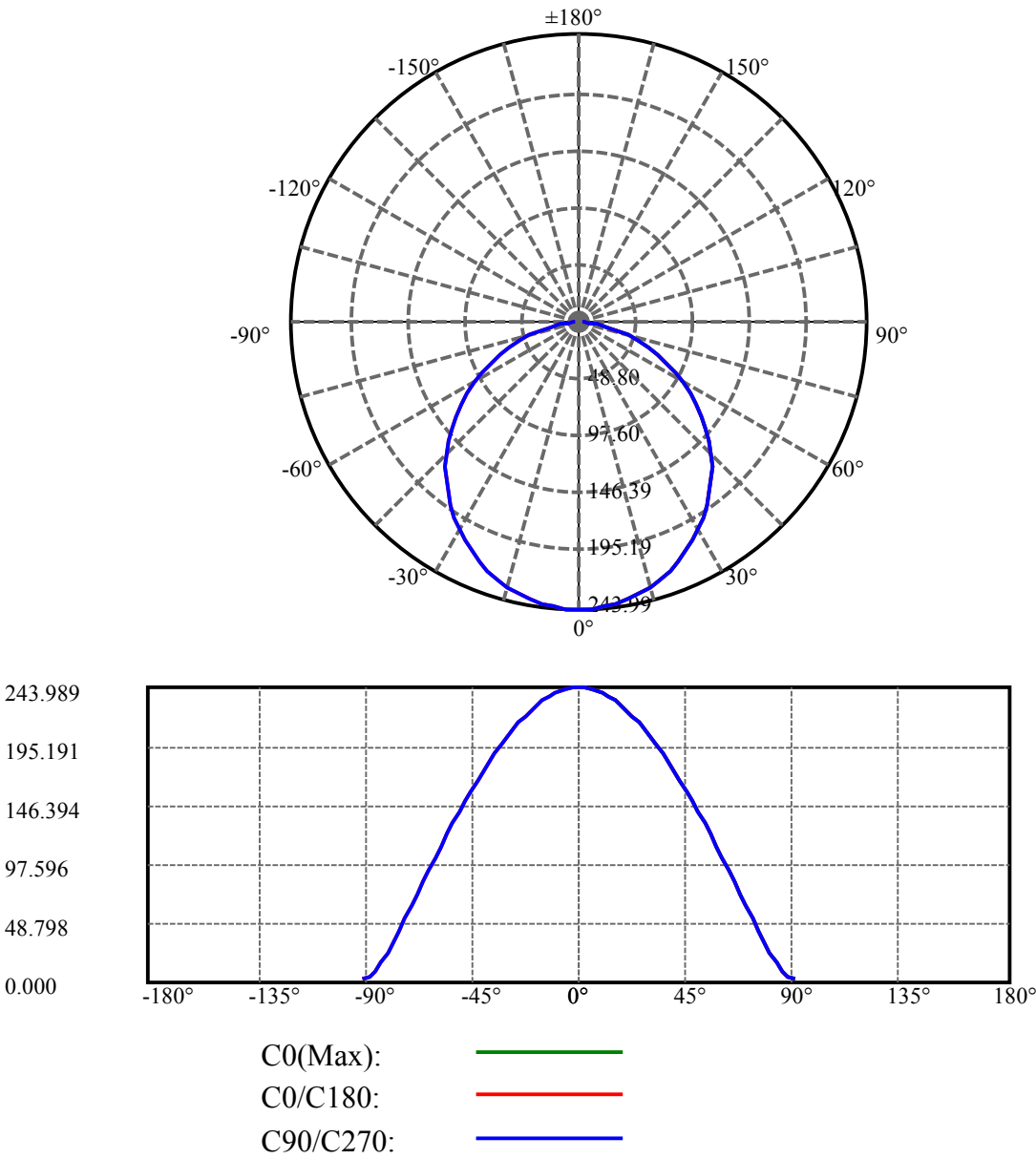
Aveage BeamAngle(IEC 61341):110.21

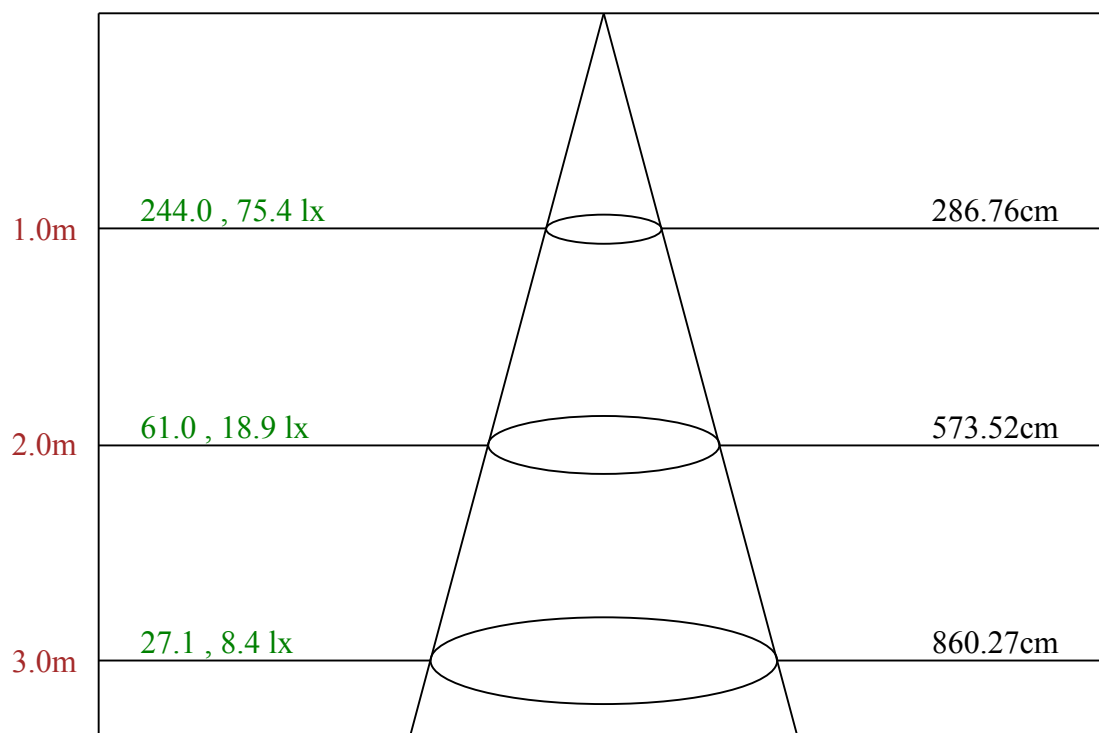
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Equipment: equipamento lumini  
Temperature(°C): 25.5

Date: 6/14/2024  
Humidity(%): 55.0%

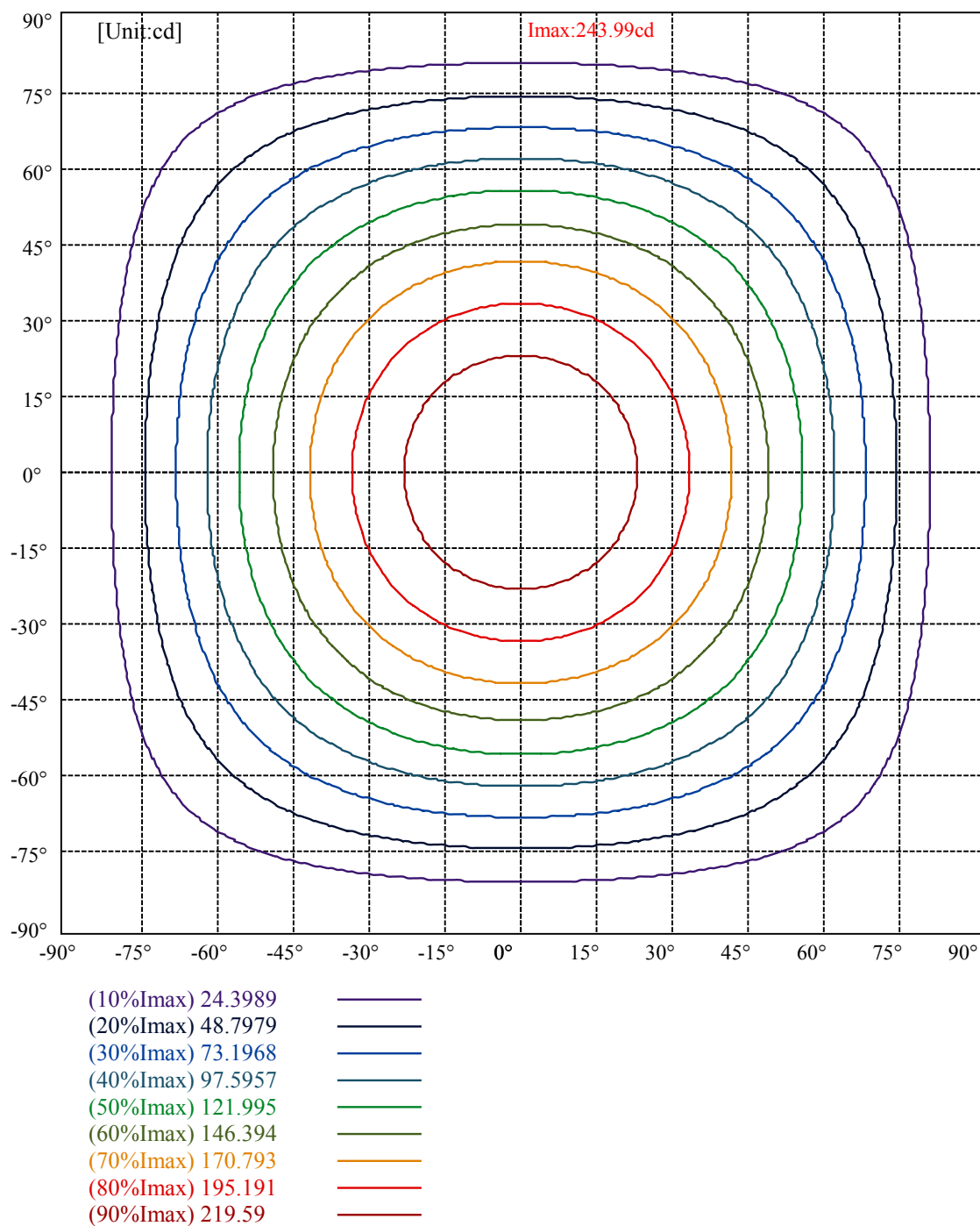
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 110.21



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	14915	14601	14222	13748	13069	12278	11063	9359	7101
C45	14915	14601	14222	13748	13069	12278	11063	9359	7101
C90	14915	14601	14222	13748	13069	12278	11063	9359	7101

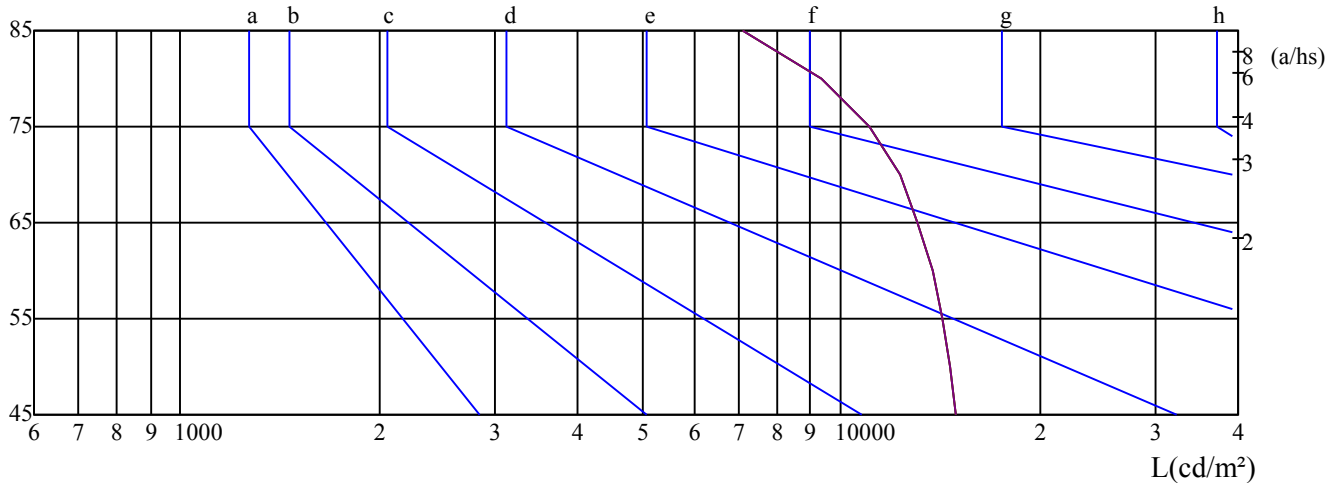
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
13069	13069	13069	11063	11063	11063	7101	7101	7101

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: 6/14/2024  
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	22.35	23.99	22.71	24.30	24.62	22.32	23.95	22.67	24.26	24.58
	3H	24.12	25.61	24.50	25.94	26.28	24.10	25.59	24.48	25.92	26.26
	4H	24.79	26.19	25.18	26.54	26.90	24.81	26.20	25.20	26.55	26.91
	6H	25.31	26.60	25.71	26.97	27.36	25.38	26.68	25.79	27.04	27.44
	8H	25.45	26.70	25.85	27.07	27.47	25.56	26.82	25.97	27.19	27.59
	12H	25.52	26.72	25.94	27.11	27.51	25.69	26.89	26.10	27.27	27.68
4H	2H	23.15	24.54	23.54	24.89	25.25	23.12	24.52	23.51	24.86	25.23
	3H	25.08	26.27	25.50	26.65	27.06	25.07	26.26	25.49	26.64	27.05
	4H	25.93	26.99	26.36	27.40	27.84	25.96	27.01	26.39	27.43	27.86
	6H	26.53	27.47	26.99	27.91	28.35	26.62	27.56	27.08	28.00	28.44
	8H	26.75	27.63	27.22	28.07	28.53	26.88	27.76	27.35	28.21	28.67
	12H	26.89	27.71	27.37	28.15	28.65	27.08	27.90	27.55	28.33	28.83
8H	4H	26.29	27.17	26.76	27.61	28.07	26.31	27.19	26.78	27.63	28.09
	6H	27.05	27.78	27.53	28.25	28.74	27.13	27.87	27.62	28.33	28.83
	8H	27.40	28.04	27.91	28.55	29.03	27.54	28.18	28.05	28.69	29.17
	12H	27.62	28.17	28.14	28.67	29.18	27.82	28.36	28.34	28.87	29.38
12H	4H	26.34	27.15	26.81	27.59	28.09	26.36	27.17	26.83	27.61	28.11
	6H	27.19	27.83	27.70	28.34	28.83	27.27	27.92	27.78	28.42	28.91
	8H	27.55	28.10	28.07	28.60	29.11	27.69	28.23	28.20	28.74	29.24
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.6					0.6/-0.6				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.3					7.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25