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## lumini

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LumCAT:

Luminaire: micro track darklight performa 22

LampCAT: modulo led 12W 27K irc 90

Ballast type:

Report No:

Voltage(V): 126.0000

Test No:

Current(A): 0.1340

Number of Lamps: 1

Power (W): 16.9000

Lamp flux(lm): -1.0

PF: 1.0000

Length(mm): 218

Width(mm): 25

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 959.25, Efficiency(%): 0.00% , Luminous Efficacy(lm/W): 56.76

Central intensity(cd): 4204.689, Maximum intensity(cd): 4204.689

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

Beam angle of C0 plane : 23.73

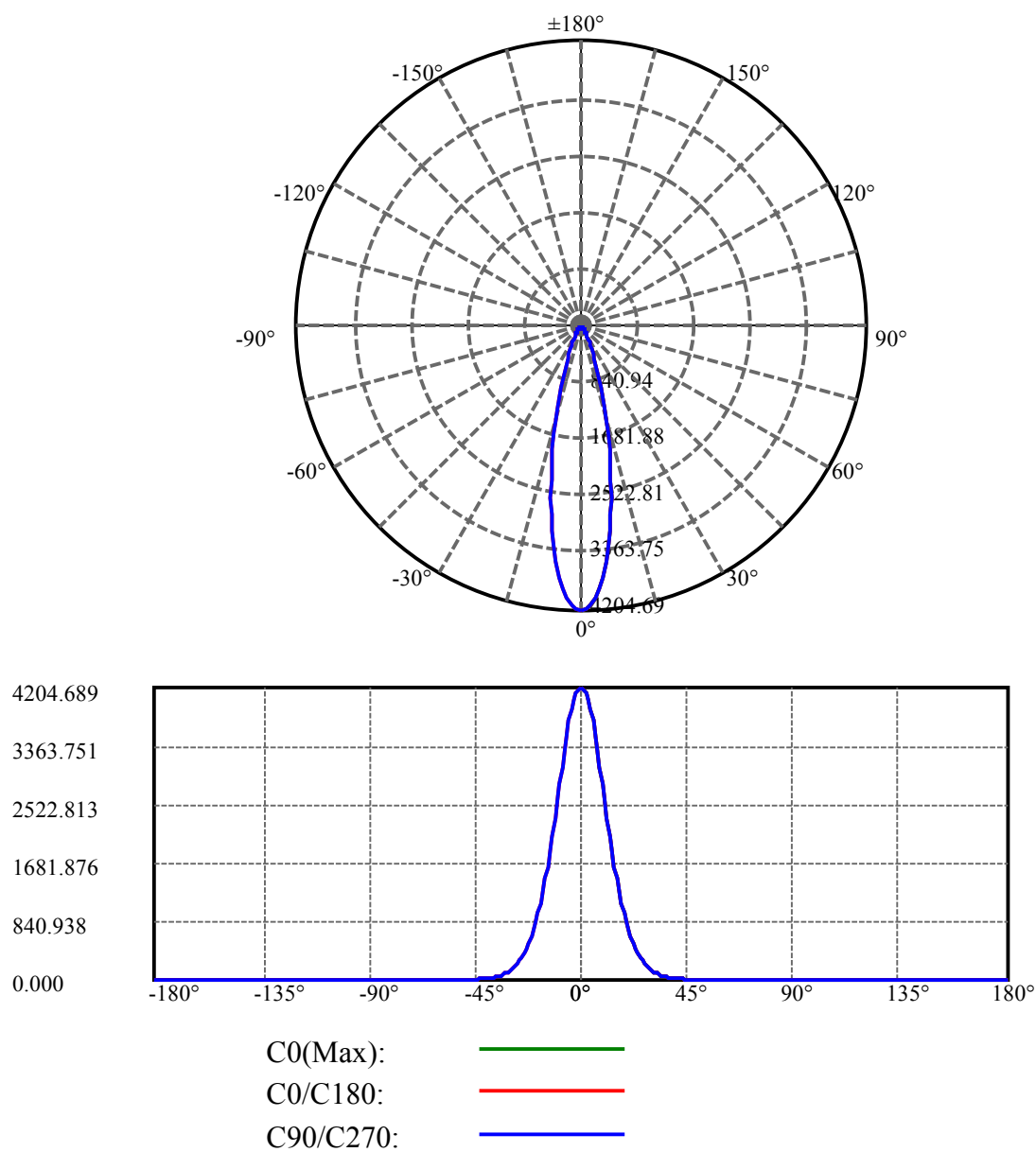
Aveage BeamAngle(IEC 61341):23.73

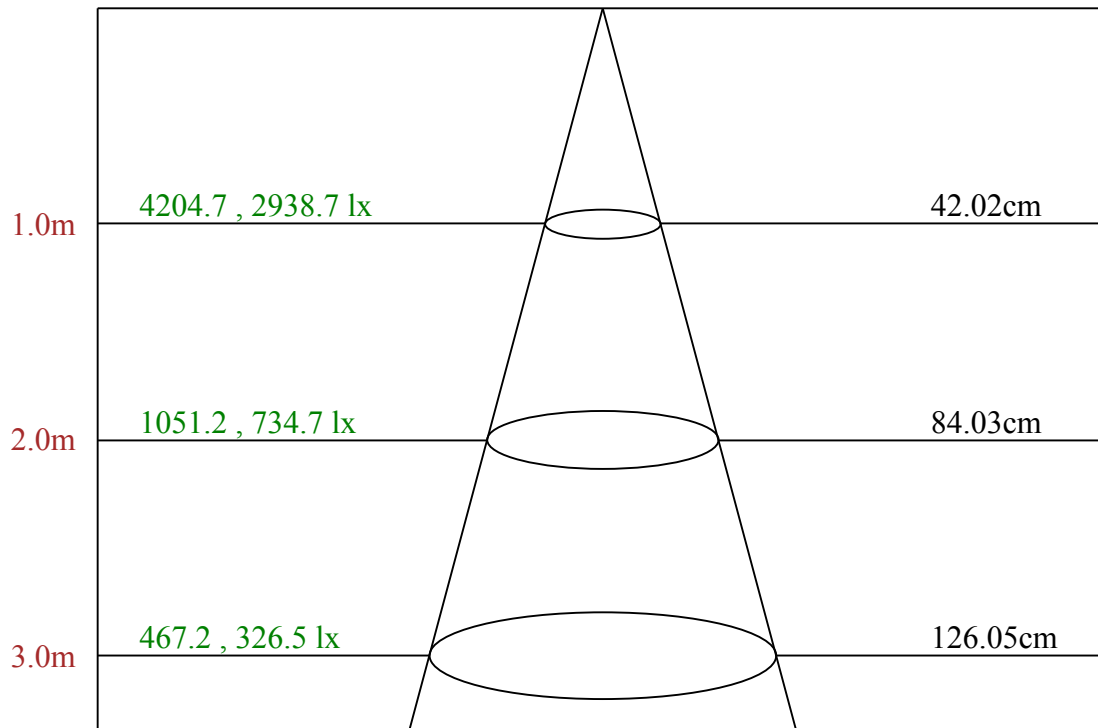
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Equipment: equipamento lumini  
Temperature(°C): 25.4

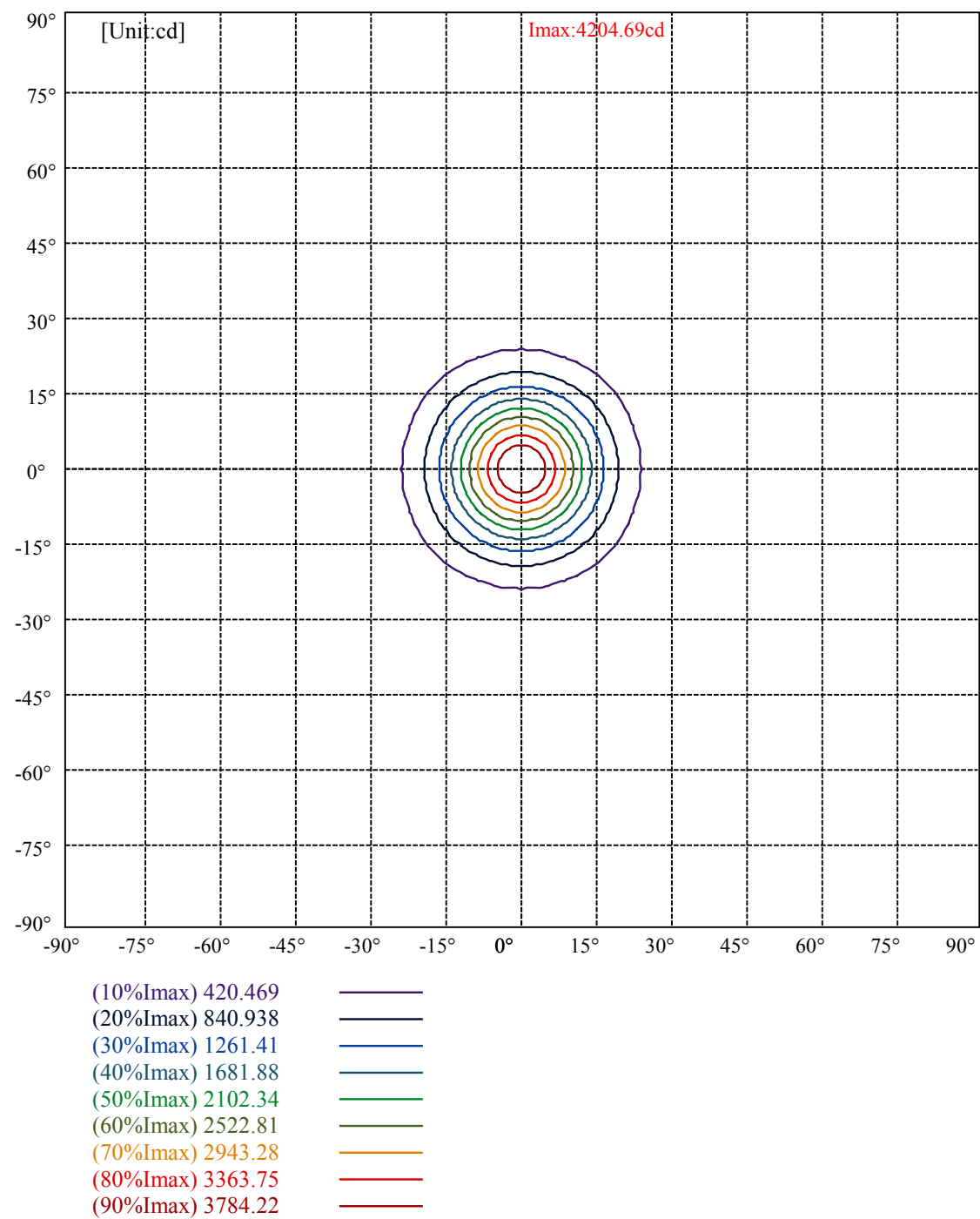
Date: 25/11/2024  
Humidity(%): 69.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 23.73



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	2684	1877	1498	1293	1320	1609	2131	3182	6302
C45	2684	1877	1498	1293	1320	1609	2131	3182	6302
C90	2684	1877	1498	1293	1320	1609	2131	3182	6302

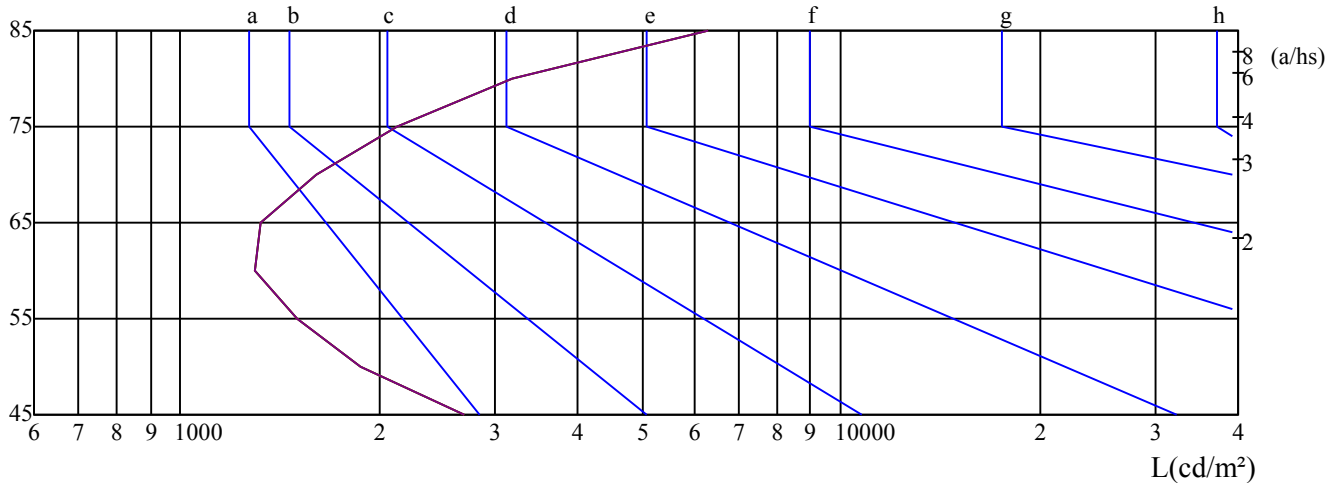
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1320	1320	1320	2131	2131	2131	6302	6302	6302

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( $^{\circ}$ C): 25.4

Date: 25/11/2024  
Humidity(%): 69.0%

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	5.48	6.38	5.89	6.74	7.11	6.68	7.58	7.09	7.93	8.30
	3H	6.22	7.02	6.65	7.40	7.80	7.18	7.98	7.61	8.36	8.76
	4H	6.97	7.71	7.41	8.10	8.53	7.76	8.50	8.20	8.89	9.32
	6H	8.15	8.82	8.61	9.24	9.69	8.76	9.43	9.21	9.85	10.30
	8H	8.95	9.59	9.41	10.02	10.48	9.44	10.08	9.90	10.51	10.97
	12H	9.94	10.54	10.40	10.98	11.45	10.33	10.93	10.79	11.37	11.84
4H	2H	5.51	6.24	5.95	6.64	7.06	6.60	7.34	7.04	7.74	8.16
	3H	6.57	7.19	7.04	7.63	8.10	7.37	7.99	7.84	8.43	8.90
	4H	7.66	8.20	8.14	8.66	9.16	8.27	8.81	8.75	9.27	9.77
	6H	9.14	9.62	9.66	10.11	10.61	9.59	10.06	10.10	10.55	11.05
	8H	10.16	10.59	10.68	11.09	11.61	10.49	10.93	11.02	11.43	11.95
	12H	11.36	11.76	11.89	12.26	12.83	11.63	12.03	12.15	12.52	13.09
8H	4H	8.10	8.53	8.62	9.03	9.56	8.61	9.05	9.14	9.55	10.07
	6H	9.91	10.27	10.46	10.79	11.35	10.26	10.61	10.80	11.13	11.69
	8H	11.19	11.48	11.76	12.04	12.59	11.44	11.73	12.01	12.29	12.84
	12H	12.65	12.87	13.23	13.43	14.00	12.84	13.06	13.42	13.62	14.19
12H	4H	8.25	8.65	8.77	9.14	9.71	8.73	9.13	9.26	9.62	10.19
	6H	10.23	10.53	10.80	11.09	11.63	10.54	10.84	11.12	11.40	11.95
	8H	11.58	11.81	12.16	12.36	12.93	11.80	12.03	12.38	12.58	13.15
Variation with the observer position at spacings:											
S = 1.0H		3.9/-2.6					3.9/-2.6				
S = 1.5H		4.8/-2.0					4.8/-2.0				
S = 2.0H		5.3/-1.7					5.3/-1.7				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-4.4					-4.4				

依据CIE Publ. 117 计算 UGR, S/H = 0.25