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## lumini

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LumCAT:

Luminaire: mini frame concentra 34 serie 3 e fc

LampCAT: 2x modulo led 12W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.6200

Test No:

Current(A): 0.2050

Number of Lamps: 1

Power (W): 25.9730

Lamp flux(lm): 2715.0

PF: 0.9940

Length(mm): 340

Width(mm): 40

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1904.99, Efficiency(%): 70.17% , Luminous Efficacy(lm/W): 73.35

Central intensity(cd): 10914.600, Maximum intensity(cd): 10914.600

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

Beam angle of C0 plane : 20.45

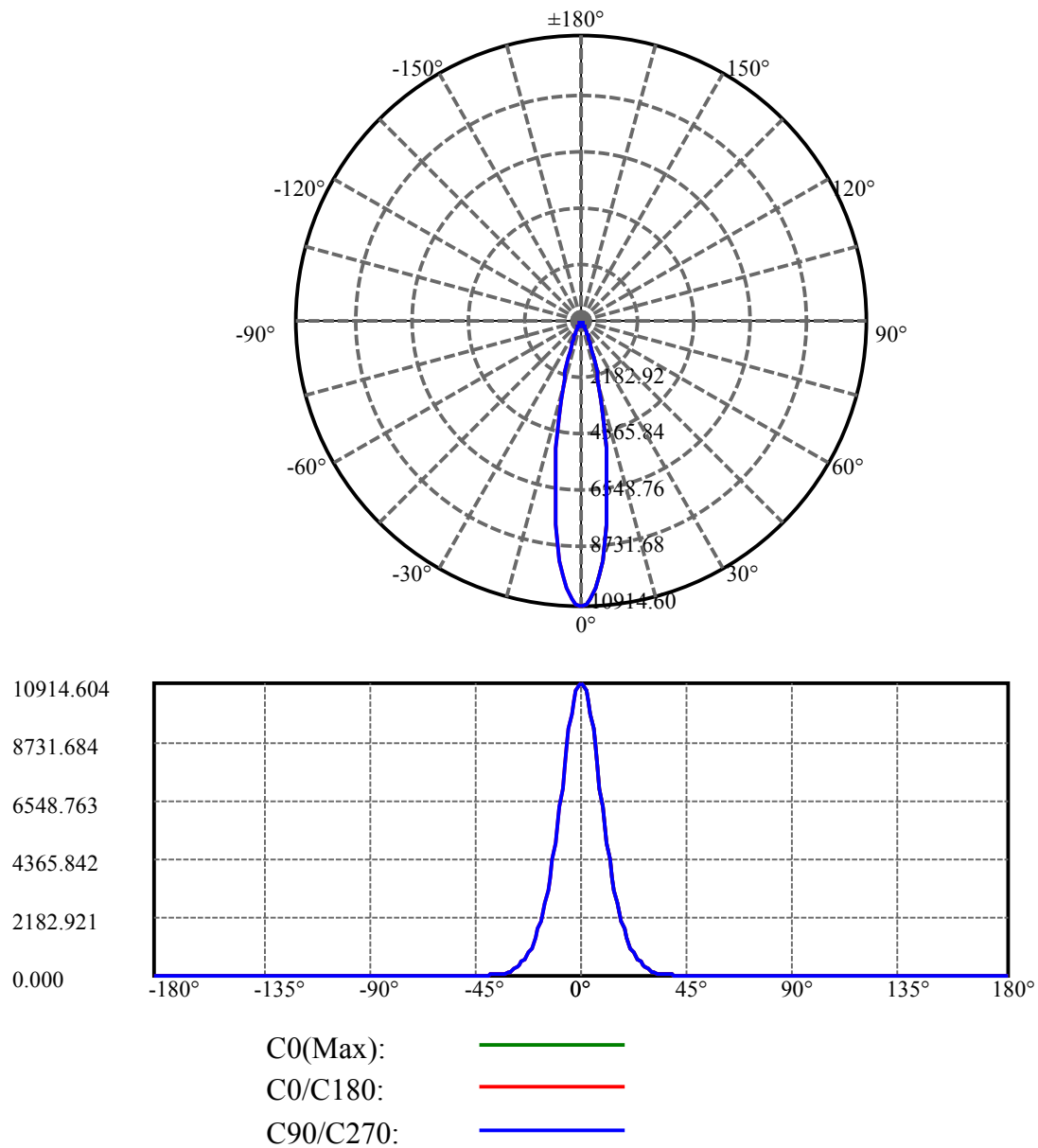
Average BeamAngle(IEC 61341): 20.45

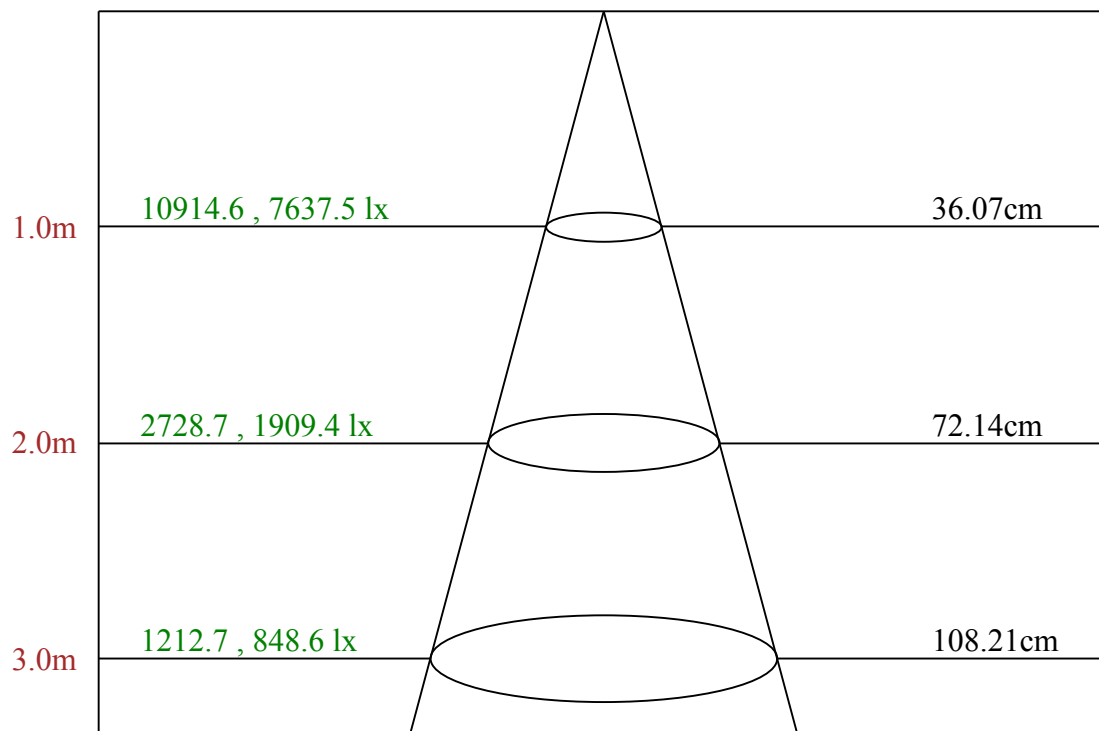
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Equipment: equipamento lumini  
Temperature(°C): 25.5

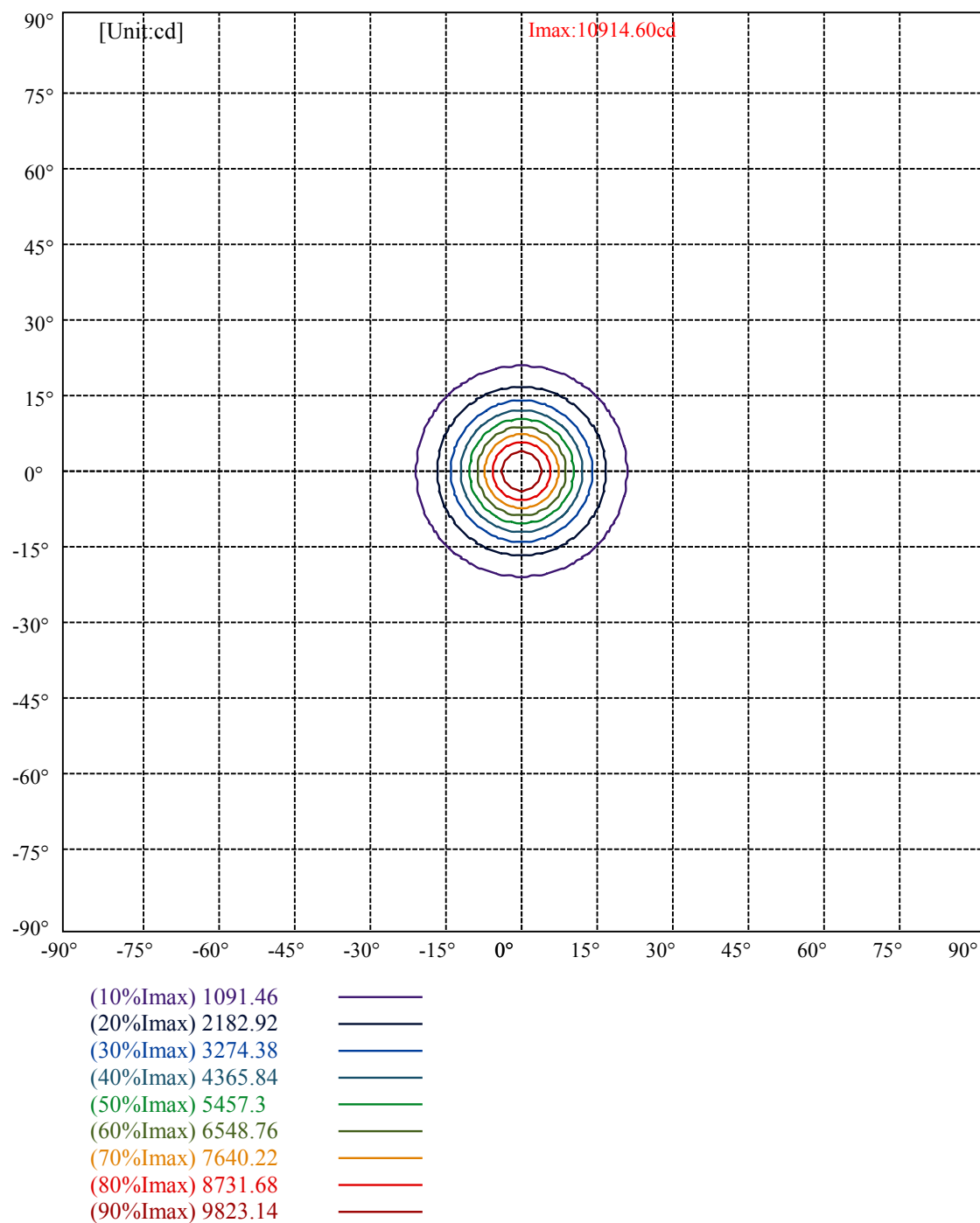
Date: 12/05/2025  
Humidity(%): 60.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 20.45



Luminance Table

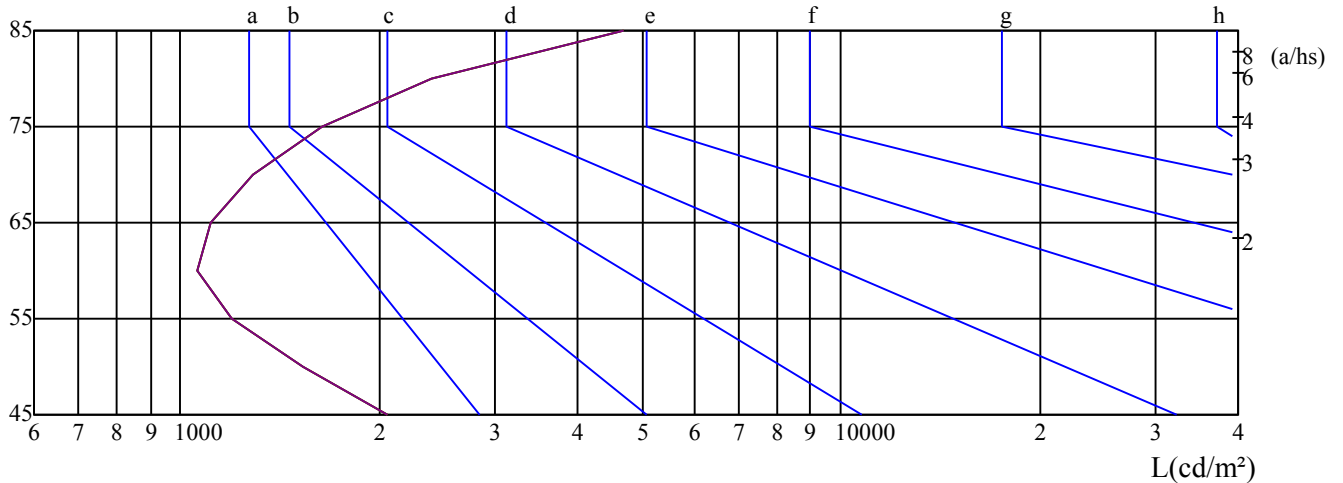
$\gamma$	45	50	55	60	65	70	75	80	85
C0	2056	1537	1197	1059	1113	1290	1642	2394	4704
C45	2056	1537	1197	1059	1113	1290	1642	2394	4704
C90	2056	1537	1197	1059	1113	1290	1642	2394	4704

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1113	1113	1113	1642	1642	1642	4704	4704	4704

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 ———

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	5.77	6.66	6.17	7.01	7.38	5.61	6.50	6.01	6.85	7.22
	3H	6.37	7.17	6.80	7.55	7.94	6.23	7.02	6.65	7.40	7.80
	4H	6.95	7.69	7.39	8.08	8.50	6.81	7.55	7.25	7.94	8.36
	6H	7.89	8.56	8.35	8.98	9.43	7.76	8.43	8.22	8.85	9.30
	8H	8.53	9.17	8.99	9.59	10.05	8.41	9.05	8.87	9.48	9.93
	12H	9.37	9.98	9.84	10.41	10.88	9.24	9.85	9.71	10.28	10.75
4H	2H	5.76	6.50	6.20	6.89	7.31	5.62	6.35	6.06	6.75	7.17
	3H	6.63	7.25	7.10	7.69	8.15	6.51	7.13	6.97	7.56	8.03
	4H	7.51	8.05	7.99	8.51	9.01	7.40	7.93	7.87	8.39	8.89
	6H	8.74	9.21	9.25	9.70	10.20	8.63	9.10	9.14	9.59	10.09
	8H	9.59	10.02	10.11	10.52	11.04	9.49	9.93	10.01	10.42	10.94
	12H	10.67	11.07	11.19	11.56	12.12	10.55	10.95	11.08	11.44	12.01
8H	4H	7.84	8.27	8.36	8.77	9.29	7.74	8.17	8.26	8.67	9.19
	6H	9.38	9.74	9.92	10.25	10.81	9.30	9.65	9.84	10.17	10.73
	8H	10.50	10.80	11.07	11.36	11.90	10.42	10.72	10.99	11.28	11.82
	12H	11.85	12.07	12.43	12.62	13.19	11.75	11.97	12.33	12.53	13.09
12H	4H	7.94	8.34	8.47	8.83	9.40	7.85	8.25	8.37	8.74	9.31
	6H	9.66	9.95	10.22	10.51	11.05	9.58	9.87	10.15	10.43	10.97
	8H	10.86	11.08	11.44	11.64	12.20	10.79	11.01	11.36	11.56	12.13
Variation with the observer position at spacings:											
S = 1.0H		1.7/-1.2					1.7/-1.2				
S = 1.5H		2.0/-1.2					2.0/-1.2				
S = 2.0H		2.3/-1.3					2.3/-1.3				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-6.6					-6.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25