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LumCAT:

Luminaire: cubo w1

LampCAT: modulo led tr 5W 27K irc 90

Ballast type:

Report No:

Voltage(V): 124.0000

Test No:

Current(A): 0.0390

Number of Lamps: 1

Power (W): 4.8360

Lamp flux(lm): 290.0

PF: 0.0000

Length(mm): 94

Width(mm): 94

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 117.43, Efficiency(%): 40.49% , Luminous Efficacy(lm/W): 24.28

Central intensity(cd): 40.302, Maximum intensity(cd): 40.302

Angle of maximum intensity: C=0.0 γ =0.0

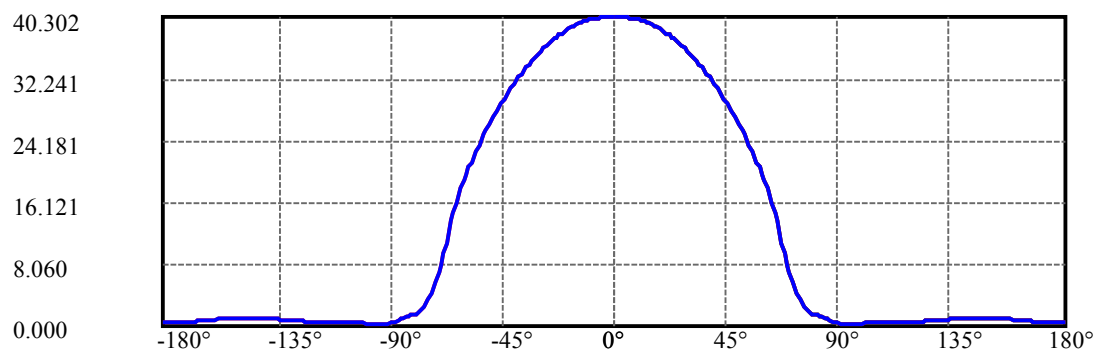
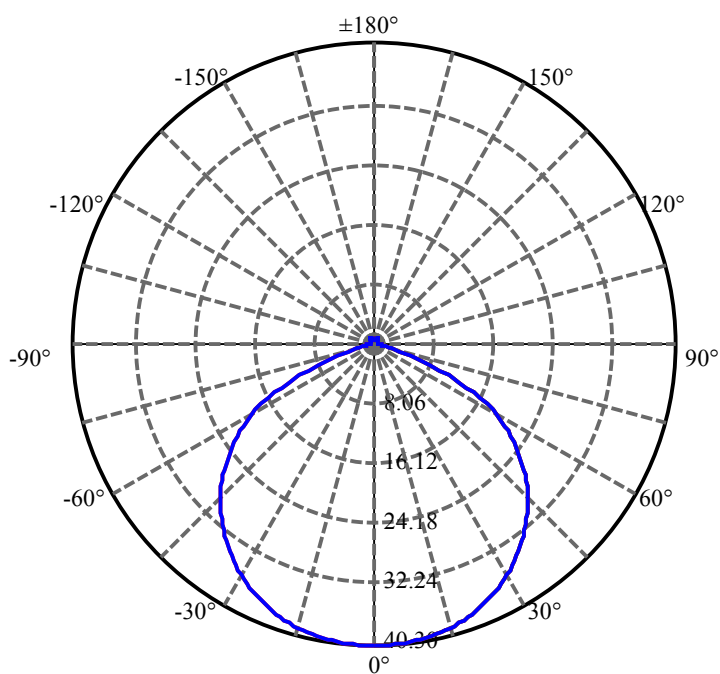
Beam angle of C0 plane : 117.31

Aveage BeamAngle(IEC 61341):117.31

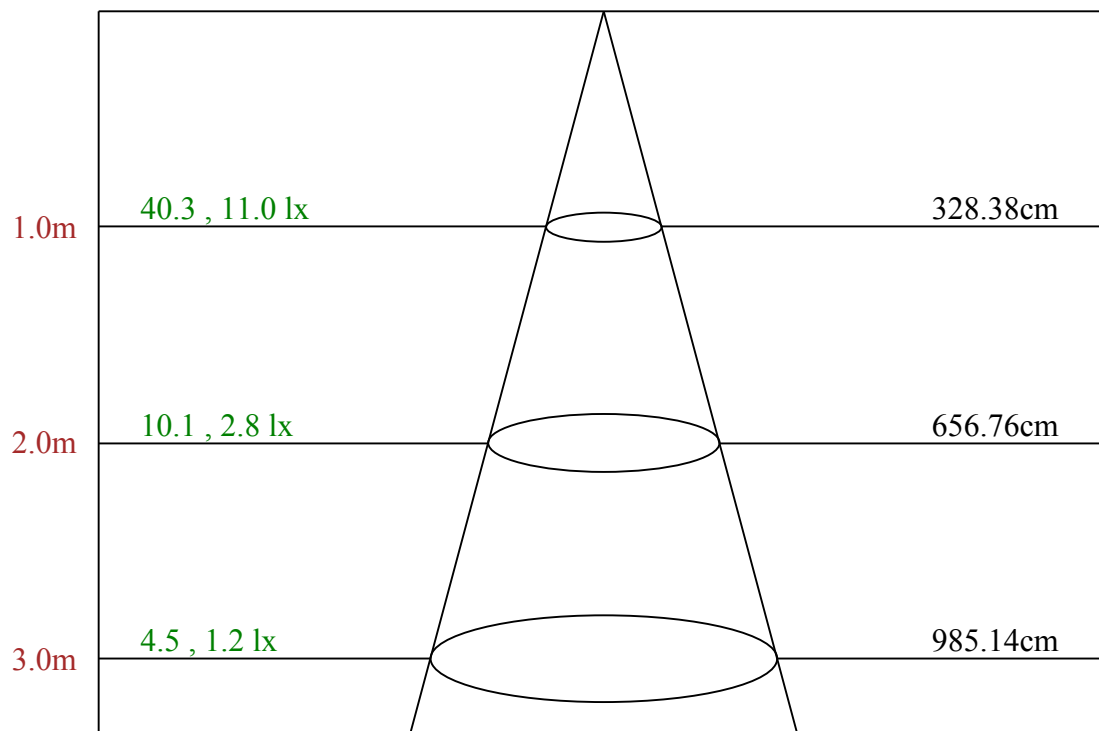
Equipment: equipamento lumini
Temperature(°C): 25.0

Date: 04/02/2025
Humidity(%): 78.0%

Operator: 01
Distance(m): 6.90

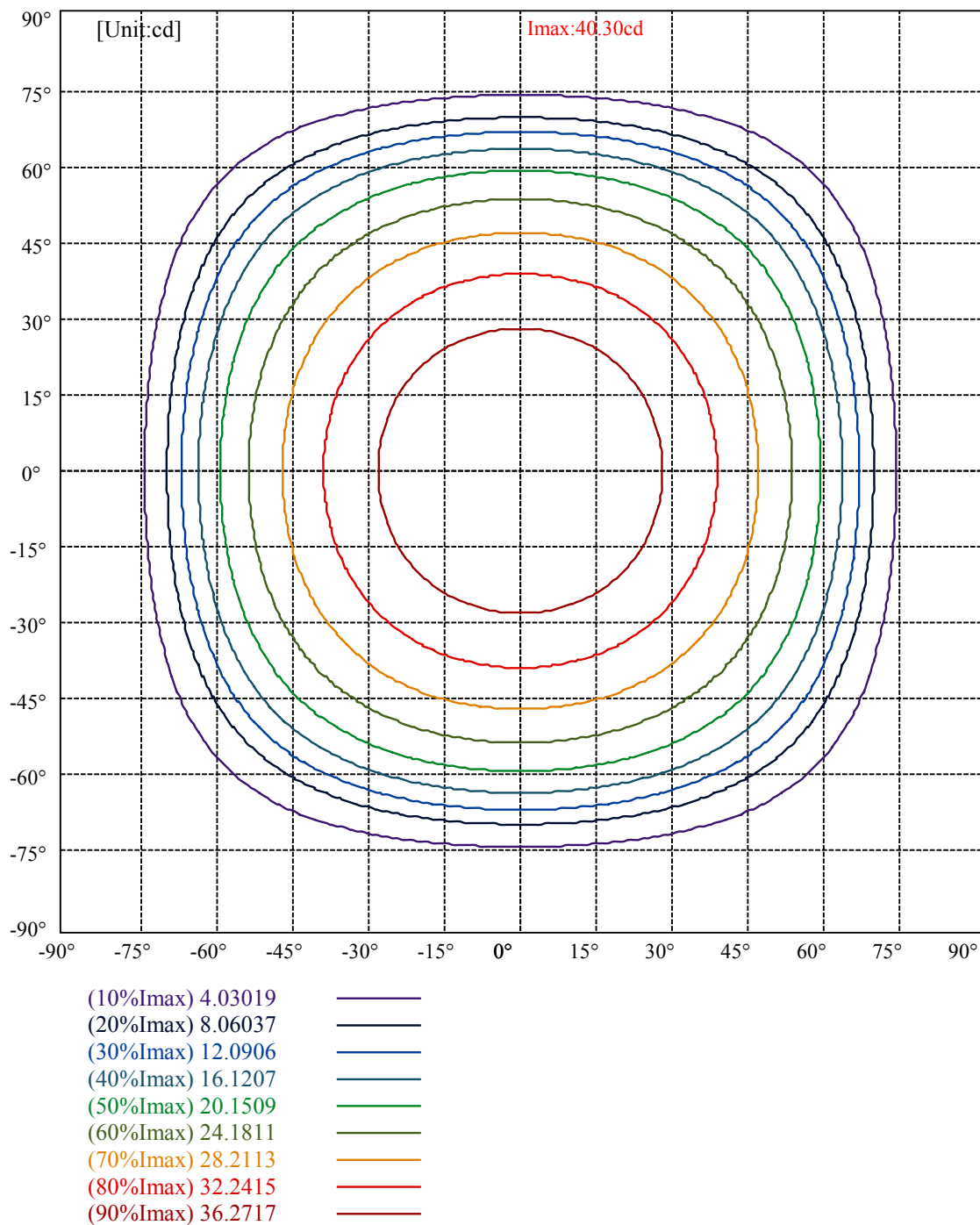


C0(Max):
C0/C180:
C90/C270:



Max , Ave

Beam angle of C0 plane 117.31



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Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	4646	4608	4509	4308	3661	2278	1296	989	1198
C45	4646	4608	4509	4308	3661	2278	1296	989	1198
C90	4646	4608	4509	4308	3661	2278	1296	989	1198

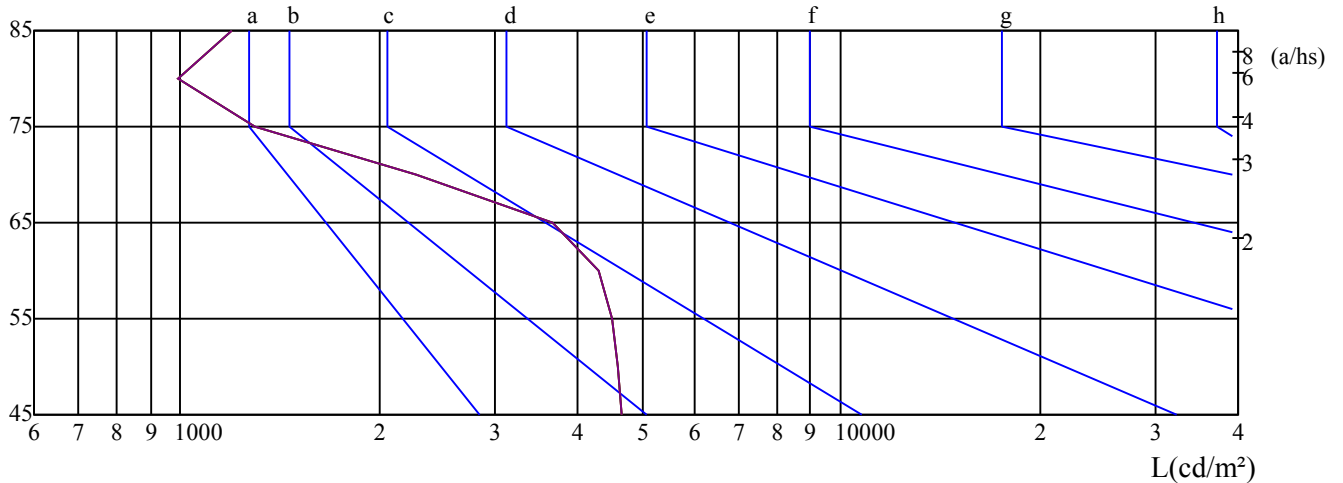
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
3661	3661	3661	1296	1296	1296	1198	1198	1198

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

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

Date: 04/02/2025
Humidity(%): 78.0%

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	18.16	19.68	18.57	20.06	20.46	18.44	19.97	18.86	20.35	20.75
	3H	19.04	20.41	19.48	20.82	21.24	20.08	21.45	20.51	21.86	22.28
	4H	19.07	20.35	19.51	20.77	21.21	20.17	21.45	20.62	21.87	22.31
	6H	19.08	20.26	19.53	20.70	21.17	20.19	21.38	20.65	21.81	22.28
	8H	19.05	20.19	19.51	20.63	21.11	20.17	21.32	20.64	21.76	22.24
	12H	19.02	20.12	19.49	20.57	21.06	20.17	21.26	20.64	21.71	22.20
4H	2H	19.00	20.29	19.45	20.70	21.15	19.23	20.52	19.68	20.94	21.38
	3H	20.03	21.11	20.50	21.56	22.05	20.94	22.02	21.41	22.47	22.96
	4H	20.14	21.09	20.63	21.57	22.08	21.10	22.05	21.58	22.53	23.04
	6H	20.13	20.97	20.64	21.47	21.99	21.10	21.94	21.61	22.44	22.96
	8H	20.13	20.92	20.66	21.43	21.97	21.12	21.91	21.65	22.41	22.95
	12H	20.15	20.88	20.68	21.38	21.96	21.16	21.89	21.69	22.39	22.97
8H	4H	20.26	21.04	20.78	21.55	22.09	21.14	21.92	21.66	22.43	22.97
	6H	20.26	20.91	20.81	21.44	22.02	21.15	21.81	21.70	22.33	22.91
	8H	20.34	20.91	20.91	21.47	22.04	21.26	21.82	21.82	22.39	22.95
	12H	20.38	20.85	20.95	21.42	22.00	21.32	21.80	21.90	22.37	22.95
12H	4H	20.24	20.97	20.77	21.47	22.05	21.12	21.84	21.65	22.34	22.92
	6H	20.30	20.86	20.86	21.43	21.99	21.18	21.75	21.75	22.31	22.88
	8H	20.34	20.82	20.92	21.39	21.97	21.25	21.73	21.82	22.29	22.88
Variation with the observer position at spacings:											
S = 1.0H		0.6/-0.4					0.6/-0.4				
S = 1.5H		0.8/-0.9					0.8/-0.9				
S = 2.0H		1.8/-2.1					1.8/-2.1				
Standard tables:		BK2					BK2				
Uncorrected UGR		1.6					1.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25