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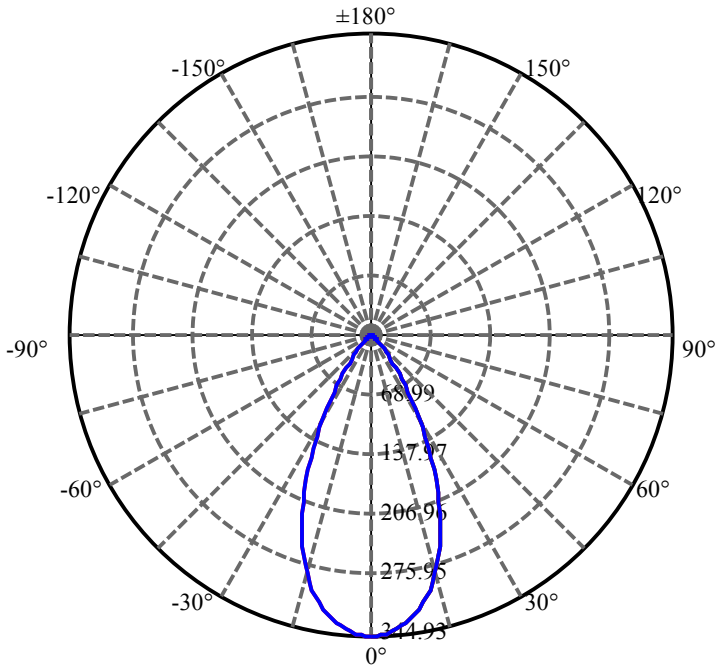
LumCAT:
Luminaire: mini frame concentra 8 serie 3 e fa
LampCAT: modulo led 3W 30K irc 90
Ballast type: led driver 350mA

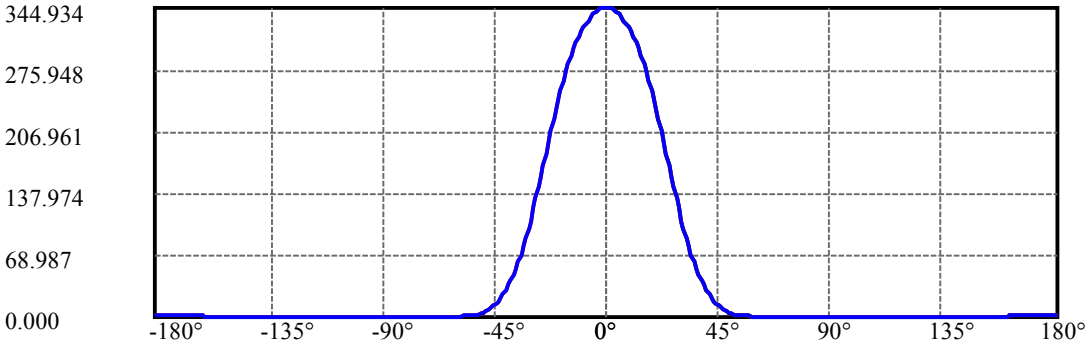
Report No:	Voltage(V): 127.9300
Test No:	Current(A): 0.0630
Number of Lamps: 1	Power (W): 3.7990
Lamp flux(lm): 395.0	PF: 0.4700
Length(mm): 70	Width(mm): 17
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 244.37, Efficiency(%): 61.87% , Luminous Efficacy(lm/W): 64.32
Central intensity(cd): 344.934, Maximum intensity(cd): 344.934
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 49.47
Aveage BeamAngle(IEC 61341):49.47

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

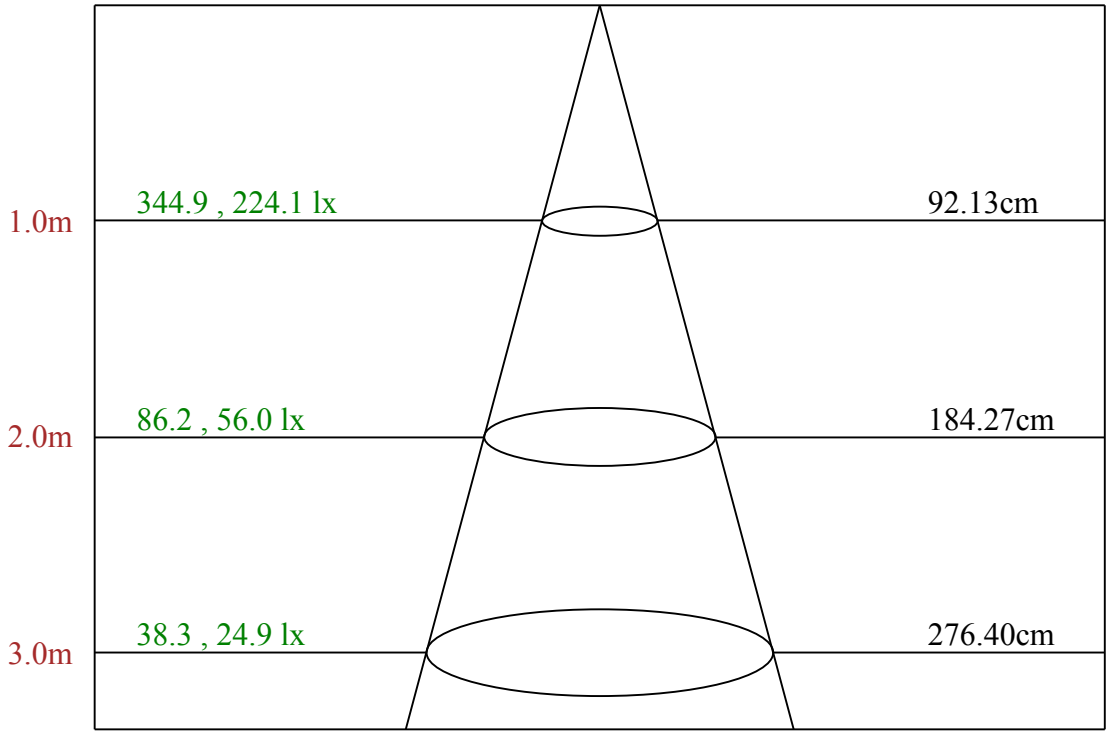
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 14/05/2025
Humidity(%): 60.0%

Operator: 01
Distance(m): 6.90

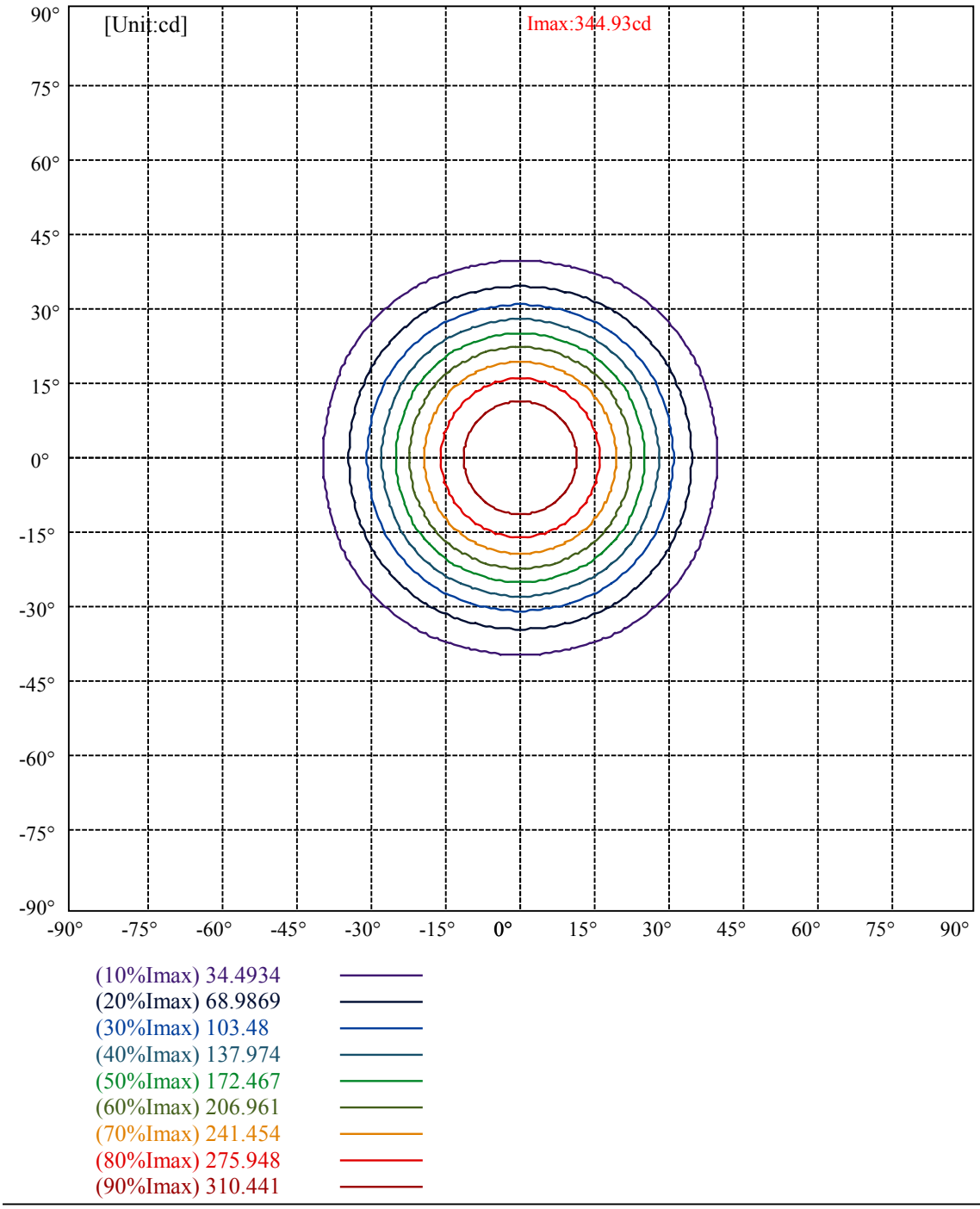
Lux distance Curve



Max , Ave

Beam angle of C0 plane 49.47

ISO-Intensity(V-H)



Equipment: equipamento lumini
Date: 14/05/2025
Operator: 01
Temperature(°C): 25.5
Humidity(%): 60.0%
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

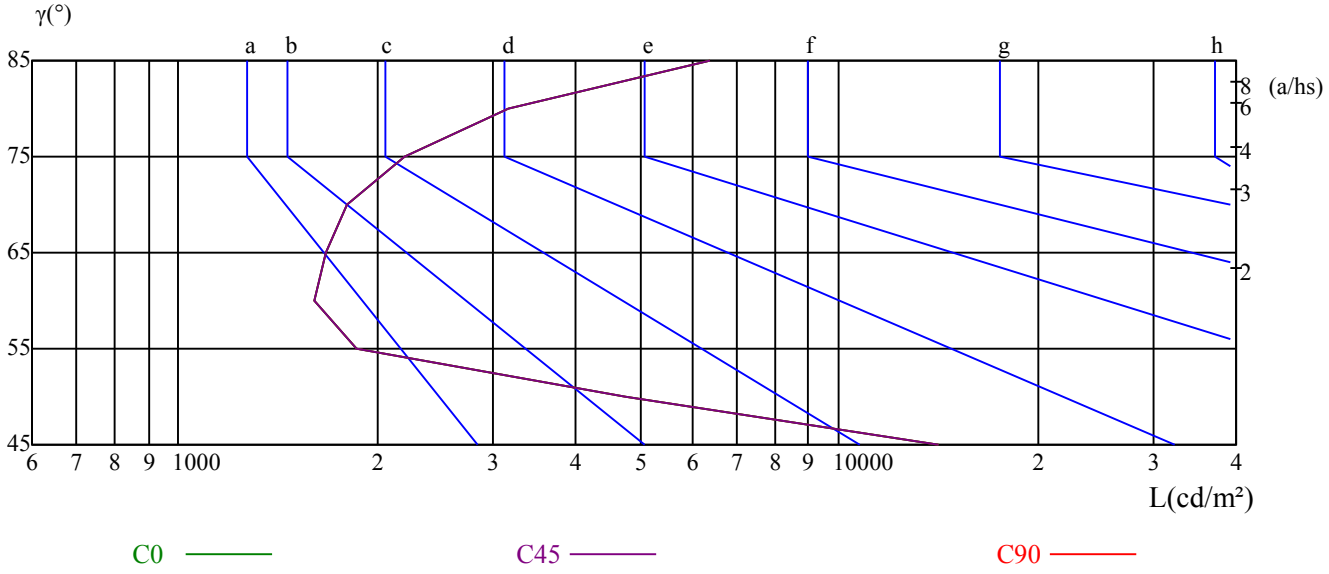
γ	45	50	55	60	65	70	75	80	85
C0	14131	4738	1866	1610	1669	1799	2203	3168	6369
C45	14131	4738	1866	1610	1669	1799	2203	3168	6369
C90	14131	4738	1866	1610	1669	1799	2203	3168	6369

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1669	1669	1669	2203	2203	2203	6369	6369	6369

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 Limitting Curve



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	20.02	20.96	20.42	21.32	21.68	20.60	21.54	21.00	21.89	22.26
	3H	19.83	20.66	20.25	21.04	21.43	20.41	21.24	20.83	21.62	22.02
	4H	19.74	20.51	20.17	20.90	21.32	20.32	21.09	20.75	21.48	21.90
	6H	19.68	20.38	20.13	20.80	21.24	20.25	20.96	20.71	21.38	21.82
	8H	19.63	20.30	20.09	20.73	21.18	20.21	20.88	20.66	21.30	21.76
	12H	19.61	20.24	20.07	20.68	21.14	20.17	20.81	20.64	21.25	21.71
4H	2H	19.71	20.48	20.15	20.88	21.29	20.29	21.06	20.73	21.45	21.87
	3H	19.48	20.13	19.95	20.56	21.03	20.06	20.71	20.53	21.14	21.61
	4H	19.43	19.99	19.91	20.45	20.95	20.01	20.57	20.48	21.03	21.52
	6H	19.35	19.84	19.85	20.33	20.82	19.92	20.41	20.43	20.90	21.40
	8H	19.34	19.80	19.86	20.29	20.81	19.91	20.36	20.43	20.86	21.38
	12H	19.38	19.80	19.90	20.29	20.85	19.93	20.35	20.46	20.84	21.41
8H	4H	19.25	19.70	19.77	20.20	20.72	19.82	20.28	20.34	20.77	21.29
	6H	19.18	19.55	19.72	20.06	20.62	19.74	20.12	20.28	20.63	21.19
	8H	19.25	19.56	19.81	20.12	20.66	19.81	20.12	20.37	20.67	21.22
	12H	19.35	19.59	19.92	20.14	20.70	19.88	20.12	20.45	20.67	21.24
12H	4H	19.20	19.62	19.72	20.11	20.67	19.77	20.19	20.30	20.68	21.24
	6H	19.18	19.49	19.74	20.05	20.59	19.74	20.05	20.31	20.61	21.15
	8H	19.23	19.47	19.80	20.02	20.58	19.78	20.02	20.35	20.57	21.14
Variation with the observer position at spacings:											
S = 1.0H		4.8/-10.2					4.8/-10.2				
S = 1.5H		7.4/-8.4					7.4/-8.4				
S = 2.0H		9.2/-7.1					9.2/-7.1				
Standard tables:		BK1					BK1				
Uncorrected UGR		-1.1					-1.1				

依据CIE Publ. 117 计算 UGR，S/H = 0.25