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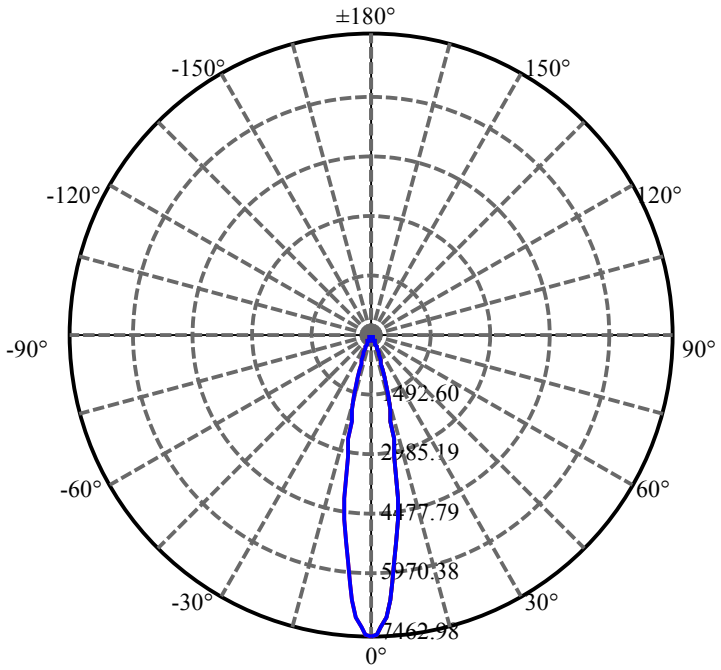
LumCAT:
Luminaire: no frame flex sm r e sr3 fc 12W 30K irc 90
LampCAT: modulo led 12W 30K irc 90
Ballast type: led driver 350mA

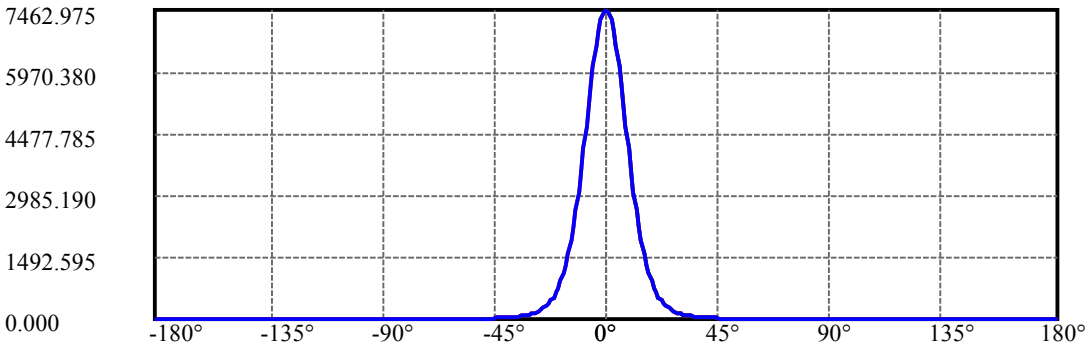
Report No:	Voltage(V): 127.7900
Test No:	Current(A): 0.1250
Number of Lamps: 1	Power (W): 15.2380
Lamp flux(lm): 1585.0	PF: 0.9580
Length(mm): 55	Width(mm): 55
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1196.04, Efficiency(%): 75.46% , Luminous Efficacy(lm/W): 78.49
Central intensity(cd): 7462.975, Maximum intensity(cd): 7462.975
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 19.39
Aveage BeamAngle(IEC 61341):19.39

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

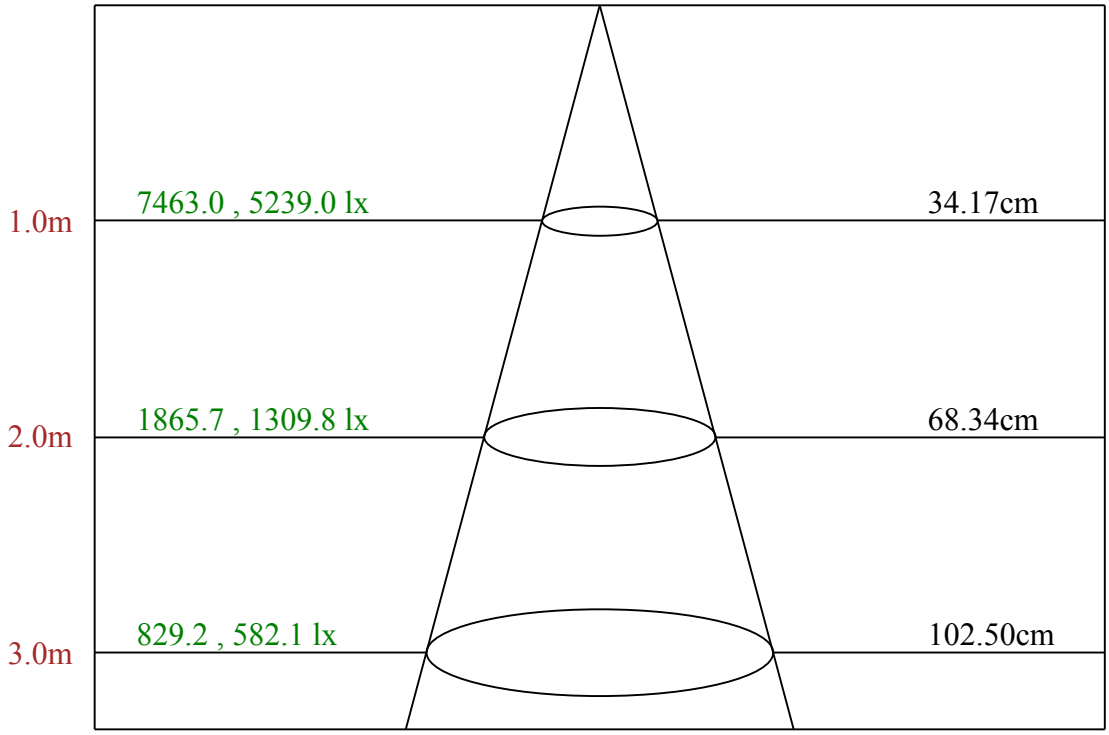
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 29/01/2026
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

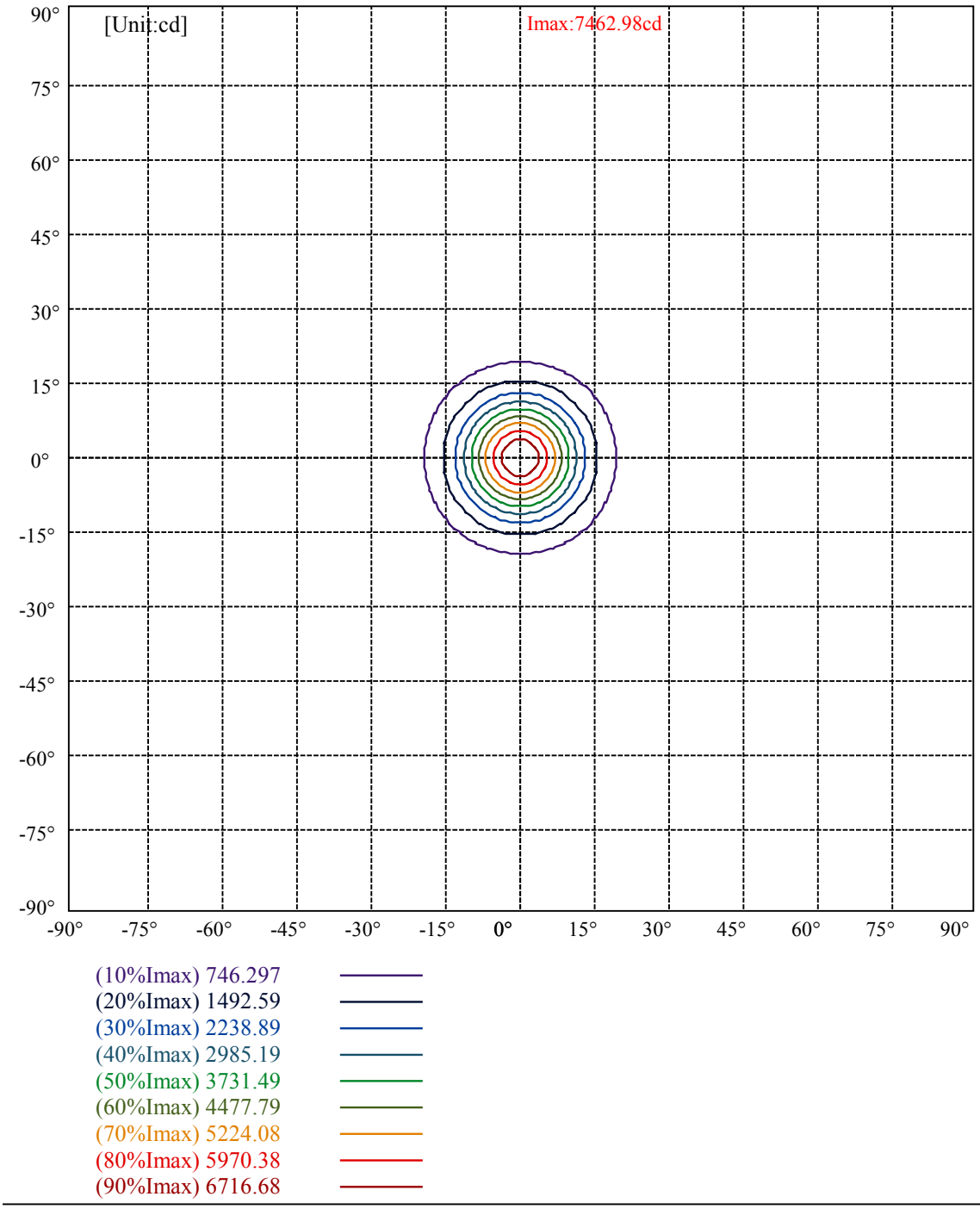
Lux distance Curve



Max , Ave

Beam angle of C0 plane 19.39

ISO-Intensity(V-H)



Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 29/01/2026
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

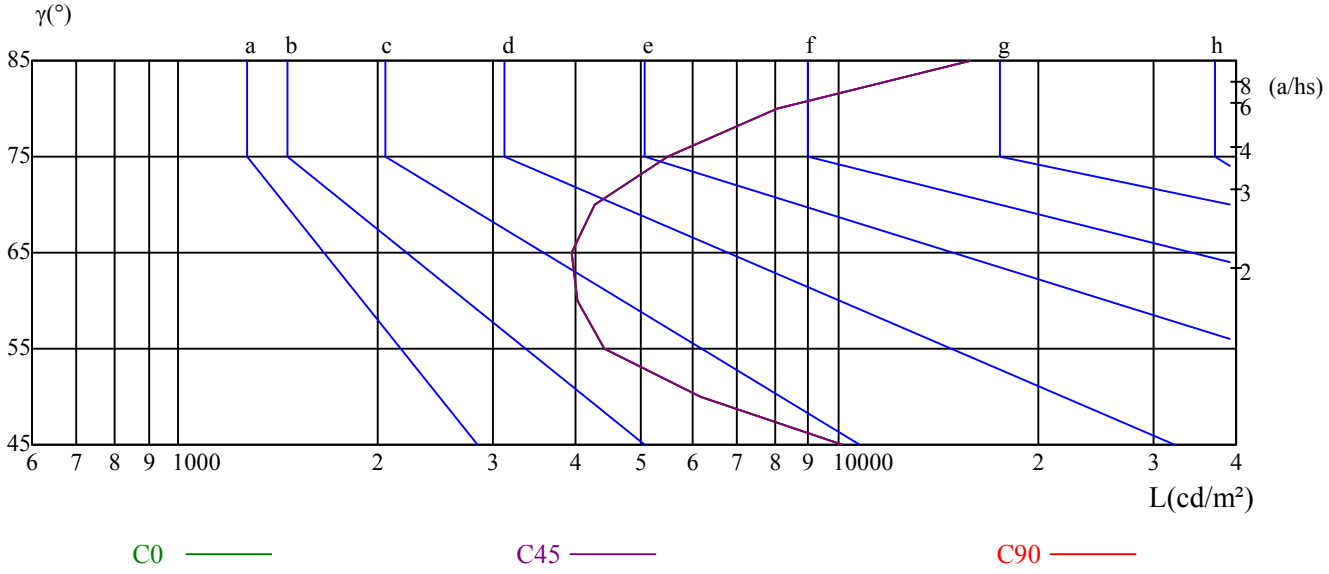
γ	45	50	55	60	65	70	75	80	85
C0	10144	6167	4418	4013	3943	4280	5519	8044	15824
C45	10144	6167	4418	4013	3943	4280	5519	8044	15824
C90	10144	6167	4418	4013	3943	4280	5519	8044	15824

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
3943	3943	3943	5519	5519	5519	15824	15824	15824

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	11.48	12.39	11.89	12.75	13.13	11.00	11.90	11.41	12.27	12.64
	3H	11.91	12.72	12.34	13.10	13.51	11.48	12.28	11.91	12.67	13.07
	4H	12.34	13.09	12.79	13.49	13.92	11.96	12.70	12.40	13.11	13.53
	6H	13.12	13.80	13.59	14.23	14.69	12.80	13.48	13.26	13.90	14.36
	8H	13.68	14.33	14.15	14.77	15.23	13.38	14.03	13.84	14.46	14.93
	12H	14.42	15.04	14.90	15.48	15.96	14.16	14.78	14.63	15.22	15.69
4H	2H	11.43	12.17	11.87	12.58	13.00	10.98	11.73	11.43	12.13	12.56
	3H	12.06	12.69	12.53	13.13	13.60	11.68	12.31	12.15	12.75	13.23
	4H	12.76	13.30	13.24	13.77	14.28	12.45	12.99	12.93	13.46	13.96
	6H	13.83	14.30	14.34	14.80	15.31	13.57	14.05	14.09	14.54	15.05
	8H	14.61	15.05	15.14	15.55	16.08	14.37	14.81	14.90	15.31	15.84
	12H	15.60	16.01	16.13	16.50	17.08	15.40	15.80	15.93	16.30	16.88
8H	4H	13.01	13.45	13.53	13.95	14.48	12.73	13.17	13.26	13.68	14.21
	6H	14.38	14.75	14.93	15.27	15.83	14.17	14.53	14.72	15.06	15.62
	8H	15.44	15.74	16.02	16.31	16.86	15.25	15.55	15.82	16.11	16.66
	12H	16.71	16.94	17.29	17.49	18.07	16.55	16.78	17.13	17.34	17.91
12H	4H	13.09	13.50	13.62	13.99	14.57	12.83	13.24	13.36	13.73	14.31
	6H	14.63	14.93	15.21	15.50	16.05	14.44	14.74	15.01	15.30	15.86
	8H	15.77	16.00	16.35	16.56	17.14	15.60	15.83	16.18	16.38	16.96

Variation with the observer position at spacings:		
S = 1.0H	2.3/-2.0	2.3/-2.0
S = 1.5H	3.0/-1.6	3.0/-1.6
S = 2.0H	3.4/-1.5	3.4/-1.5
Standard tables:	BKBF	BKBF
Uncorrected UGR	-0.8	-0.8

依据CIE Publ. 117 计算 UGR，S/H = 0.25