lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email:laboratorio@lumini.com.br
Tel:+55 11 3437-5555 Fax:+55 11 3437-5555
Address:Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

lumini

LumCAT:
Luminaire: no frame flex sm a e sr3 fc 6W 30K irc 90
LampCAT: modulo led 6W 30K irc 90
Ballast type: led driver 180mA

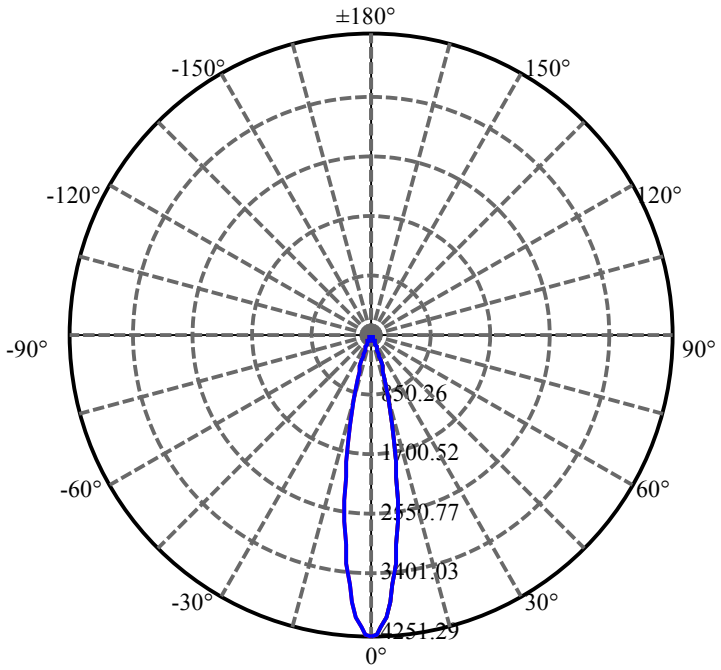
Report No:	Voltage(V): 127.9000
Test No:	Current(A): 0.0590
Number of Lamps: 1	Power (W): 7.4990
Lamp flux(lm): 921.0	PF: 0.9960
Length(mm): 55	Width(mm): 55
Phm Type: C	Height(mm): 0

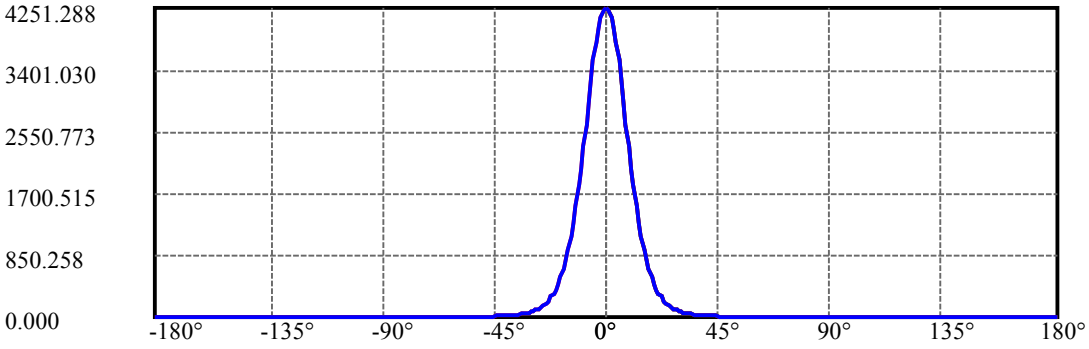
Photometric Results

Lumens(lm): 698.54, Efficiency(%): 75.85% , Luminous Efficacy(lm/W): 93.15
Central intensity(cd): 4251.288, Maximum intensity(cd): 4251.288
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 19.41
Aveage BeamAngle(IEC 61341):19.41

Equipment: equipamento lumini	Date: 29/01/2026	Operator: 01
Temperature(°C): 25.5	Humidity(%): 55.0%	Distance(m): 6.90

Light Distribution Curve [Unit:cd]



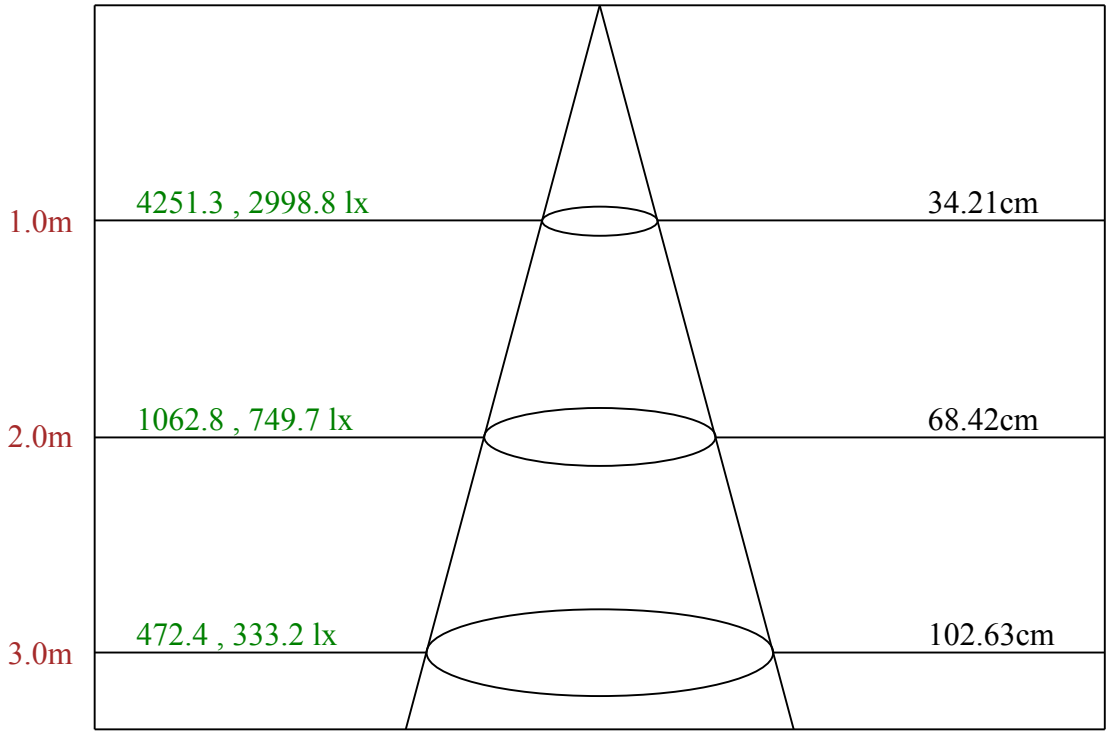


C0(Max):

C0/C180:

C90/C270:

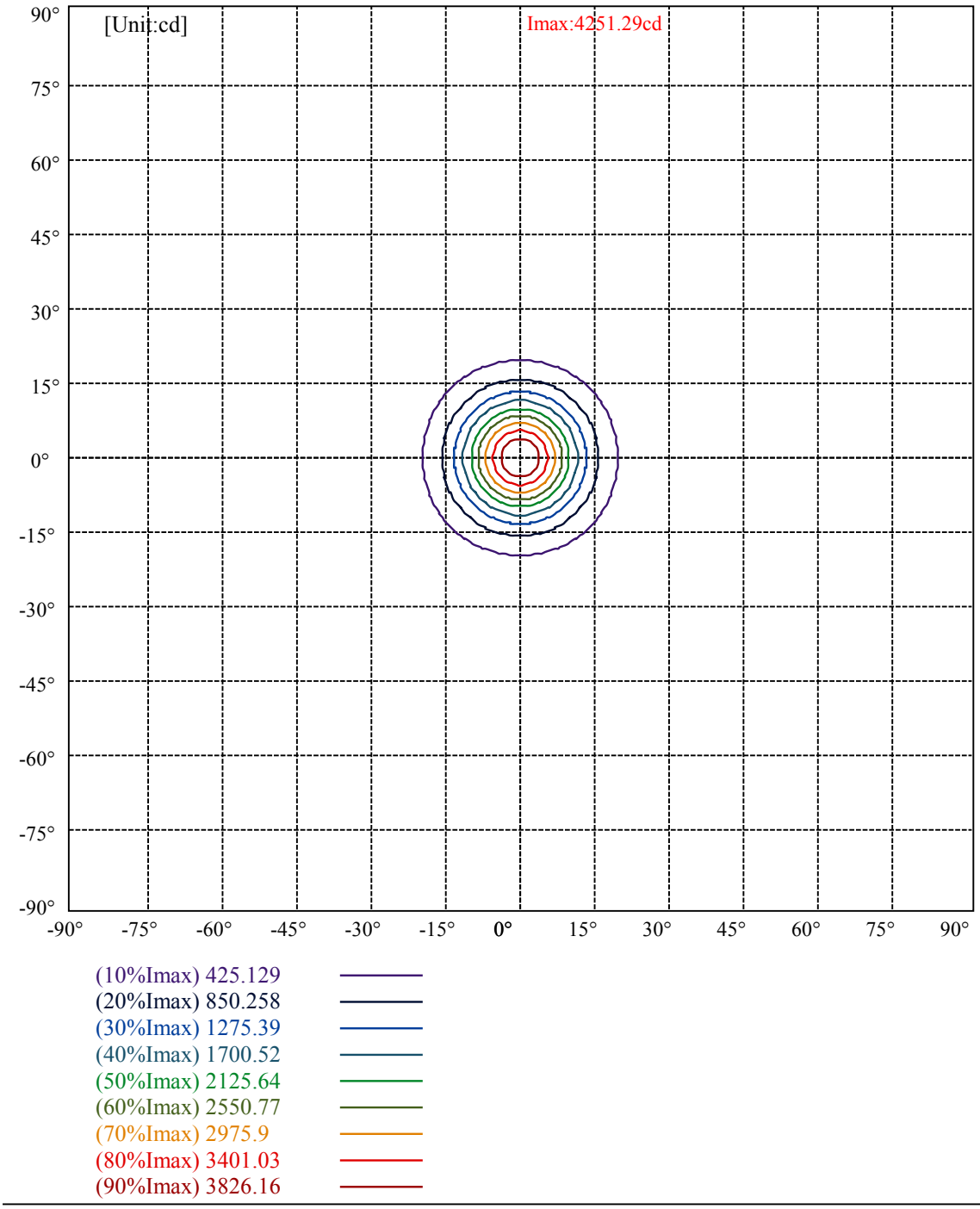
Lux distance Curve



Max , Ave

Beam angle of C0 plane 19.41

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

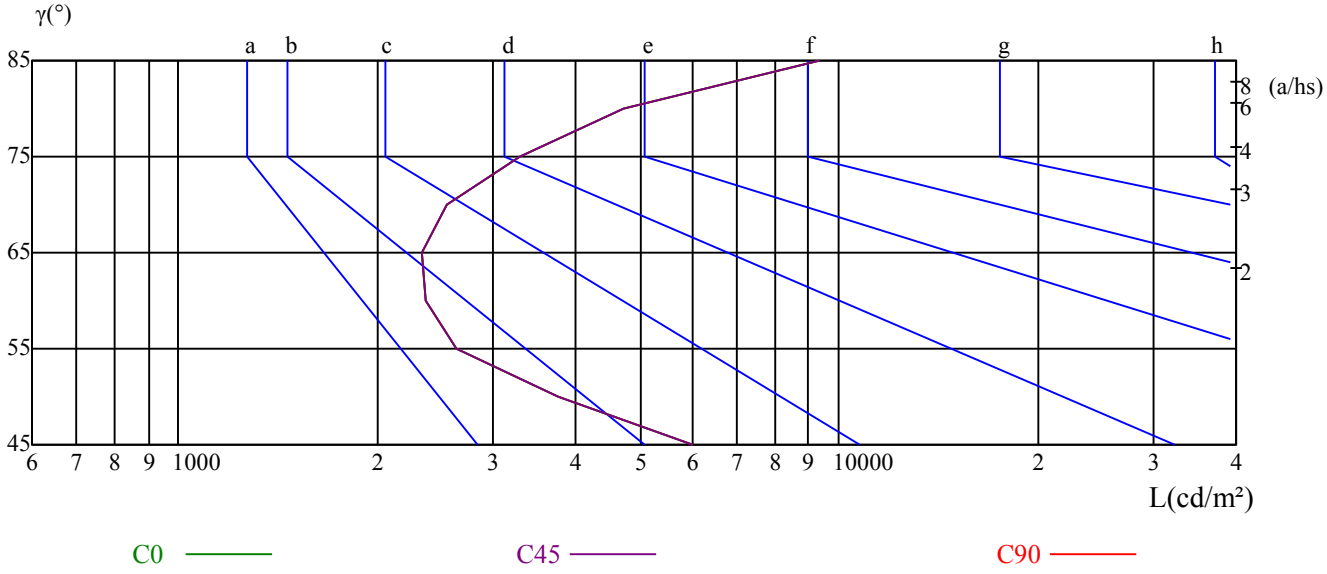
γ	45	50	55	60	65	70	75	80	85
C0	6015	3749	2641	2373	2332	2554	3299	4713	9345
C45	6015	3749	2641	2373	2332	2554	3299	4713	9345
C90	6015	3749	2641	2373	2332	2554	3299	4713	9345

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2332	2332	2332	3299	3299	3299	9345	9345	9345

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	9.77	10.67	10.18	11.04	11.41	9.31	10.22	9.72	10.58	10.96
	3H	10.17	10.98	10.61	11.37	11.77	9.77	10.58	10.21	10.97	11.37
	4H	10.61	11.35	11.05	11.76	12.18	10.25	11.00	10.70	11.40	11.83
	6H	11.39	12.07	11.86	12.50	12.96	11.07	11.75	11.53	12.18	12.63
	8H	11.92	12.57	12.39	13.00	13.47	11.65	12.30	12.11	12.73	13.20
	12H	12.67	13.29	13.14	13.73	14.21	12.41	13.02	12.88	13.46	13.94
4H	2H	9.71	10.45	10.16	10.86	11.29	9.29	10.04	9.74	10.44	10.87
	3H	10.32	10.95	10.79	11.39	11.86	9.97	10.60	10.45	11.04	11.52
	4H	11.03	11.57	11.51	12.04	12.54	10.74	11.28	11.22	11.75	12.26
	6H	12.09	12.57	12.61	13.06	13.57	11.83	12.31	12.35	12.81	13.31
	8H	12.83	13.27	13.36	13.78	14.31	12.62	13.07	13.15	13.57	14.10
	12H	13.84	14.25	14.37	14.74	15.32	13.63	14.03	14.16	14.53	15.10
8H	4H	11.27	11.71	11.80	12.21	12.74	11.01	11.46	11.54	11.96	12.49
	6H	12.63	12.99	13.18	13.51	14.08	12.41	12.77	12.96	13.30	13.86
	8H	13.65	13.95	14.22	14.52	15.07	13.49	13.79	14.06	14.35	14.90
	12H	14.93	15.17	15.52	15.72	16.30	14.76	14.99	15.34	15.55	16.12
12H	4H	11.35	11.75	11.88	12.25	12.83	11.11	11.52	11.64	12.01	12.59
	6H	12.87	13.17	13.44	13.73	14.29	12.67	12.97	13.24	13.54	14.09
	8H	13.98	14.21	14.56	14.76	15.34	13.83	14.06	14.41	14.62	15.19

Variation with the observer position at spacings:		
S = 1.0H	2.2/-2.0	2.2/-2.0
S = 1.5H	3.0/-1.6	3.0/-1.6
S = 2.0H	3.5/-1.5	3.5/-1.5
Standard tables:	BKBF	BKBF
Uncorrected UGR	-2.5	-2.5

依据CIE Publ. 117 计算 UGR，S/H = 0.25