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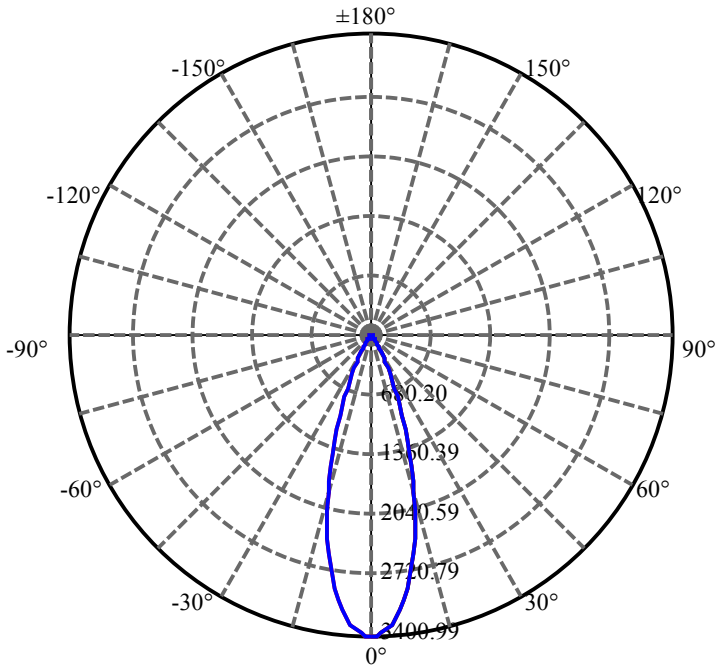
LumCAT:
Luminaire: focus sm r e sr3 fa 12W 30K irc 90
LampCAT: modulo led 12W 30K irc 90
Ballast type: led driver 350mA

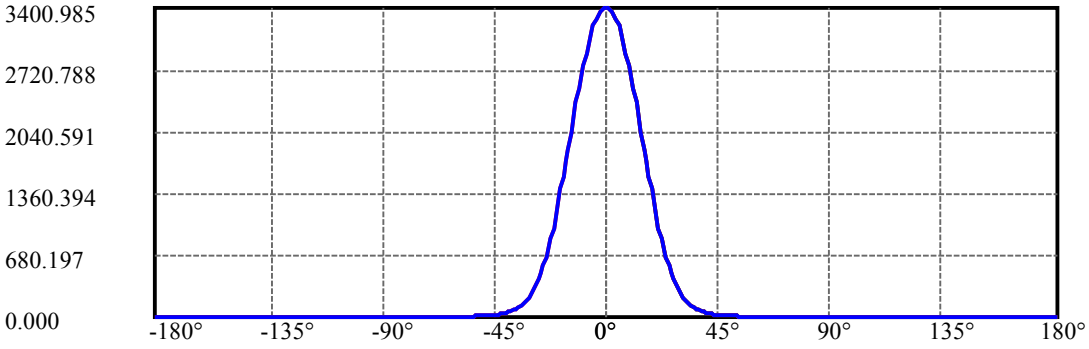
Report No:	Voltage(V): 127.8000
Test No:	Current(A): 0.1240
Number of Lamps: 1	Power (W): 15.1960
Lamp flux(lm): 1585.0	PF: 0.9570
Length(mm): 55	Width(mm): 55
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1203.06, Efficiency(%): 75.90% , Luminous Efficacy(lm/W): 79.17
Central intensity(cd): 3400.985, Maximum intensity(cd): 3400.985
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 32.20
Aveage BeamAngle(IEC 61341):32.20

Light Distribution Curve [Unit:cd]





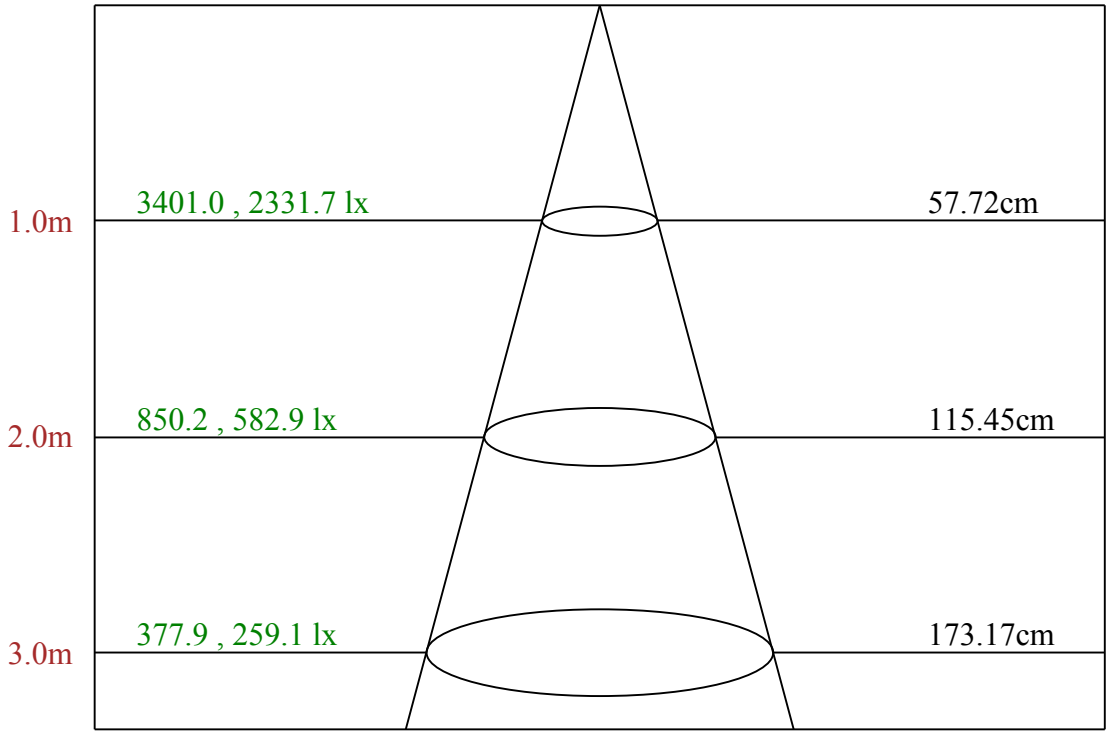
C0(Max):

C0/C180:

C90/C270:

Equipment: equipamento lumini	Date: 28/01/2026	Operator: 01
Temperature(°C): 25.5	Humidity(%): 55.0%	Distance(m): 6.90

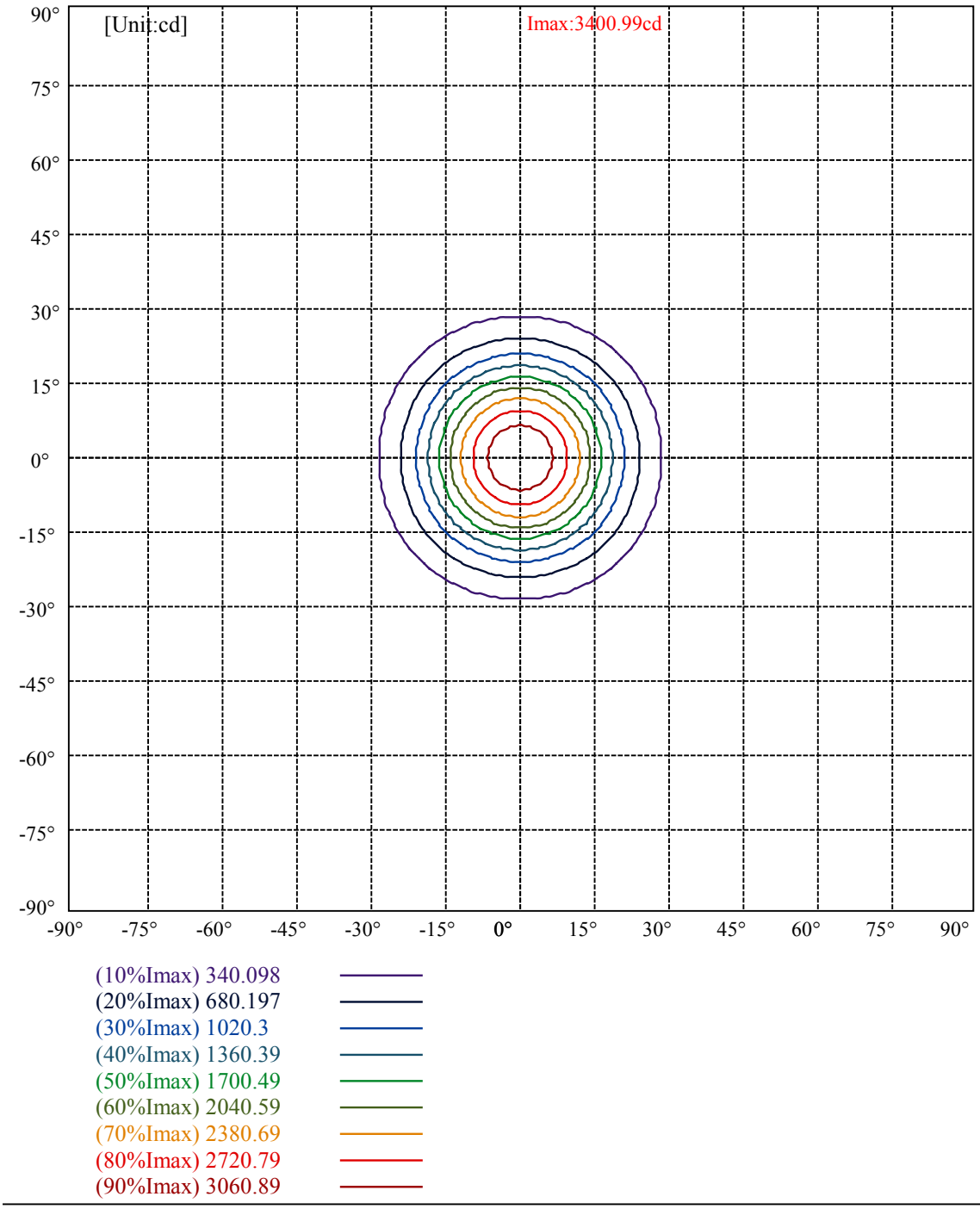
Lux distance Curve



Max , Ave

Beam angle of C0 plane 32.20

ISO-Intensity(V-H)



Equipment: equipamento lumini
Date: 28/01/2026
Operator: 01
Temperature(°C): 25.5
Humidity(%): 55.0%
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

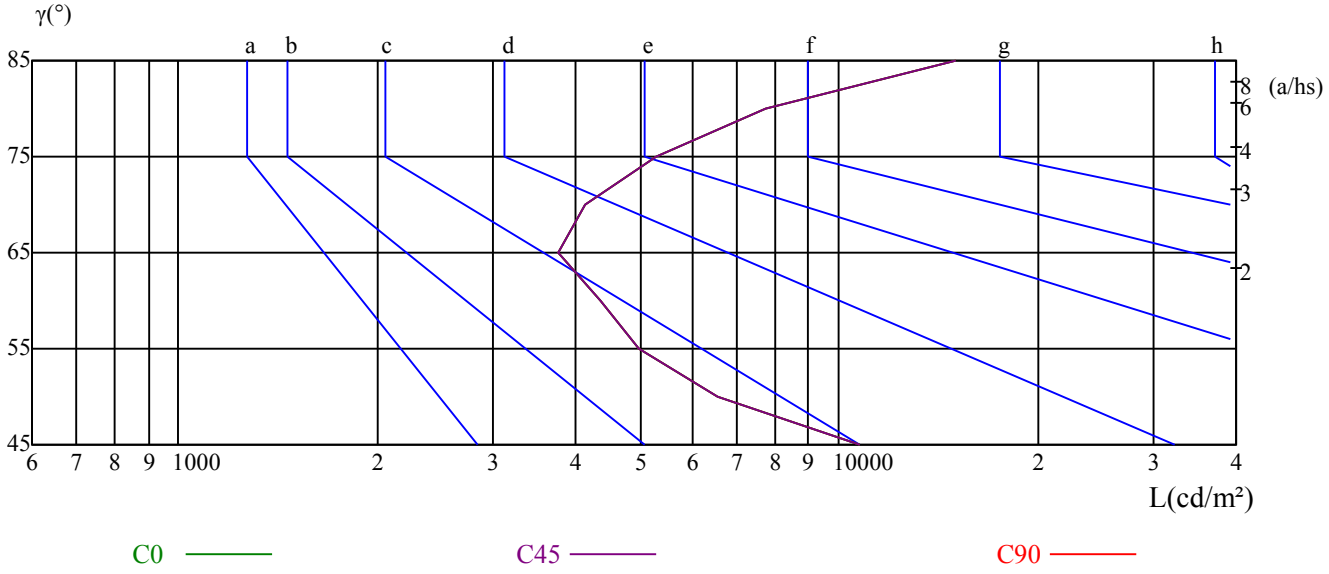
γ	45	50	55	60	65	70	75	80	85
C0	10731	6577	4997	4344	3752	4124	5306	7749	15079
C45	10731	6577	4997	4344	3752	4124	5306	7749	15079
C90	10731	6577	4997	4344	3752	4124	5306	7749	15079

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
3752	3752	3752	5306	5306	5306	15079	15079	15079

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	14.26	15.17	14.67	15.53	15.91	13.91	14.81	14.32	15.18	15.55
	3H	14.32	15.12	14.75	15.51	15.91	13.98	14.79	14.41	15.18	15.58
	4H	14.46	15.21	14.91	15.61	16.04	14.15	14.90	14.60	15.30	15.73
	6H	14.82	15.51	15.29	15.93	16.39	14.55	15.23	15.01	15.66	16.11
	8H	15.10	15.75	15.57	16.18	16.65	14.86	15.51	15.33	15.95	16.41
	12H	15.54	16.16	16.01	16.60	17.07	15.33	15.94	15.80	16.38	16.86
4H	2H	14.06	14.81	14.51	15.21	15.64	13.72	14.47	14.17	14.87	15.29
	3H	14.20	14.83	14.67	15.27	15.75	13.90	14.52	14.37	14.96	15.44
	4H	14.53	15.07	15.01	15.54	16.05	14.26	14.80	14.74	15.27	15.77
	6H	15.09	15.57	15.61	16.07	16.57	14.87	15.35	15.38	15.84	16.35
	8H	15.57	16.01	16.10	16.51	17.04	15.39	15.83	15.91	16.33	16.86
	12H	16.26	16.67	16.80	17.17	17.74	16.11	16.51	16.64	17.01	17.58
8H	4H	14.58	15.03	15.11	15.53	16.05	14.33	14.77	14.86	15.27	15.80
	6H	15.39	15.75	15.94	16.27	16.84	15.20	15.56	15.74	16.08	16.64
	8H	16.12	16.42	16.69	16.98	17.53	15.98	16.28	16.55	16.84	17.39
	12H	17.09	17.32	17.67	17.88	18.45	16.97	17.20	17.55	17.76	18.33
12H	4H	14.61	15.02	15.14	15.52	16.09	14.37	14.77	14.90	15.27	15.84
	6H	15.56	15.86	16.13	16.42	16.97	15.38	15.68	15.95	16.24	16.79
	8H	16.36	16.59	16.94	17.15	17.72	16.22	16.45	16.81	17.01	17.59
Variation with the observer position at spacings:											
S = 1.0H		4.1/-3.4					4.1/-3.4				
S = 1.5H		5.6/-2.6					5.6/-2.6				
S = 2.0H		6.5/-2.1					6.5/-2.1				
Standard tables:		BK4					BK4				
Uncorrected UGR		-2.2					-2.2				

依据CIE Publ. 117 计算 UGR，S/H = 0.25