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LumCAT:
Luminaire: focus sm r e sr3 fa 6W 30K irc 90
LampCAT: modulo led 6W 30K irc 90
Ballast type: led driver 180mA

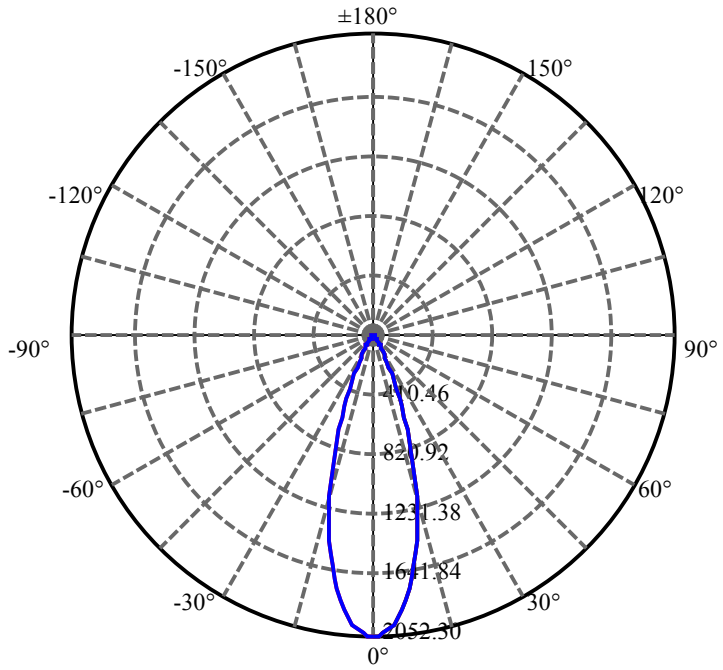
Report No:	Voltage(V): 127.9100
Test No:	Current(A): 0.0590
Number of Lamps: 1	Power (W): 7.5030
Lamp flux(lm): 921.0	PF: 0.9960
Length(mm): 55	Width(mm): 55
Phm Type: C	Height(mm): 0

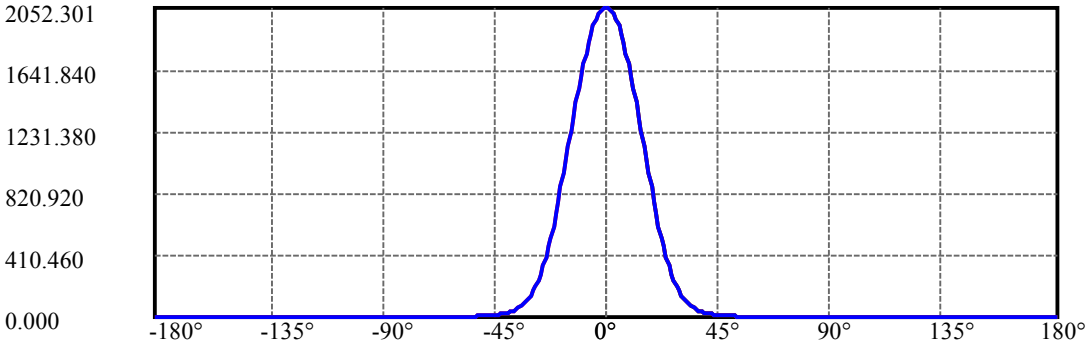
Photometric Results

Lumens(lm): 726.13, Efficiency(%): 78.84% , Luminous Efficacy(lm/W): 96.78
Central intensity(cd): 2052.301, Maximum intensity(cd): 2052.301
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 32.49
Aveage BeamAngle(IEC 61341):32.49

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:

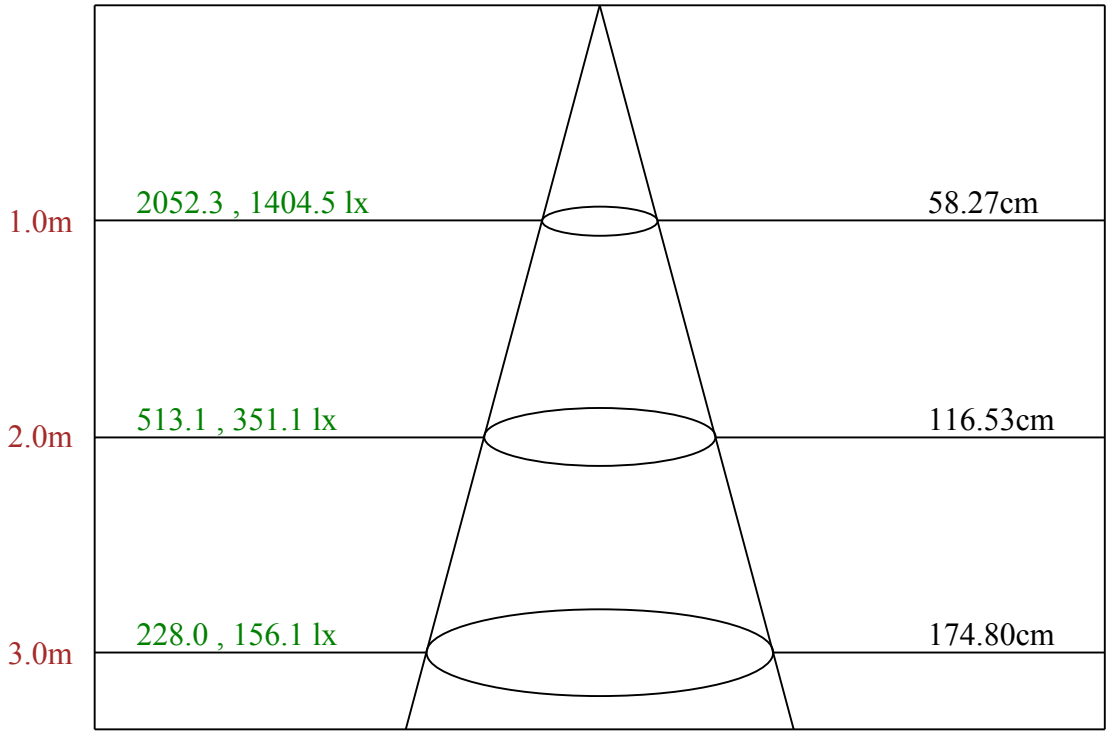
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

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

Operator: 01
Distance(m): 6.90

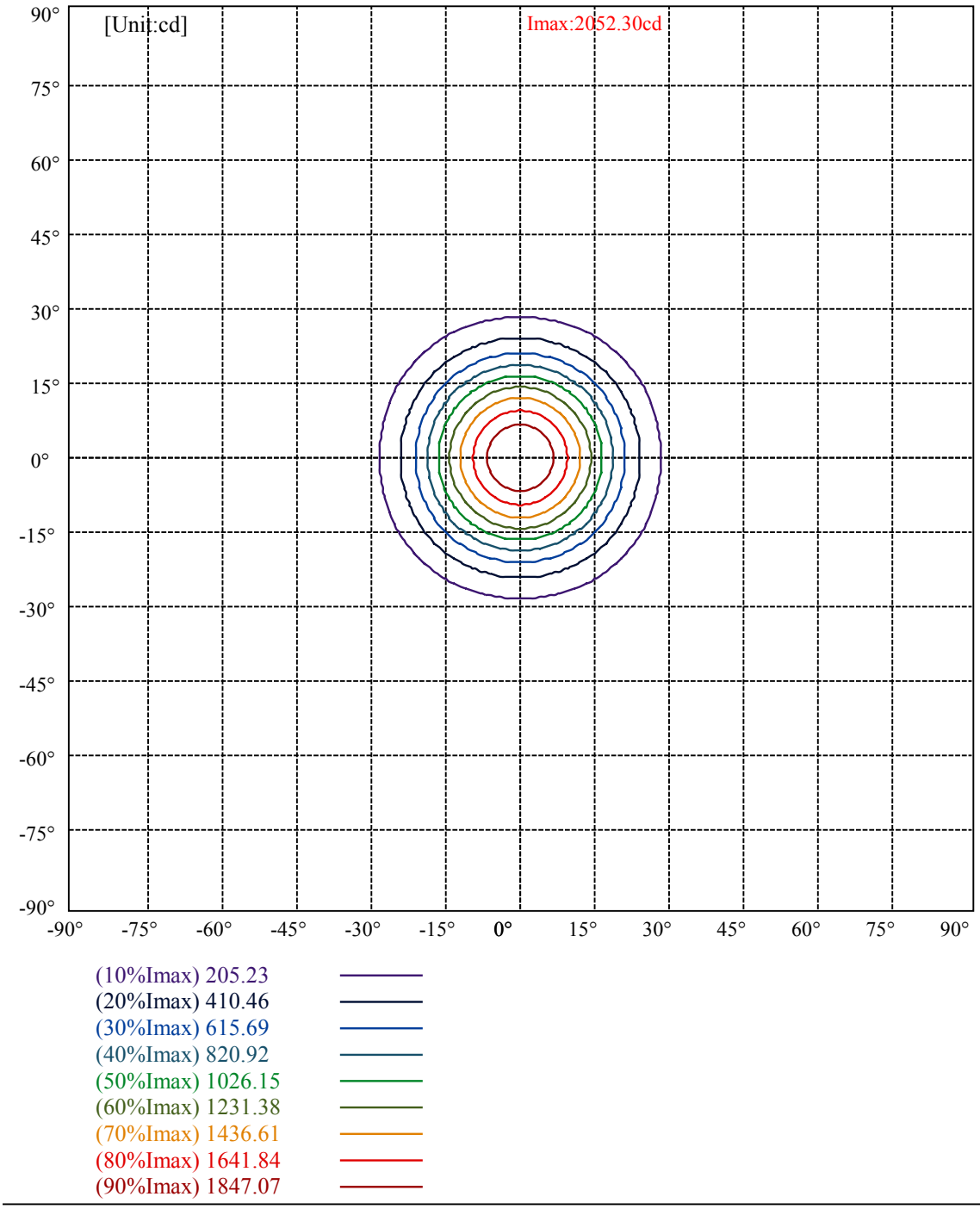
Lux distance Curve



Max , Ave

Beam angle of C0 plane 32.49

ISO-Intensity(V-H)



(10%Imax) 205.23
(20%Imax) 410.46
(30%Imax) 615.69
(40%Imax) 820.92
(50%Imax) 1026.15
(60%Imax) 1231.38
(70%Imax) 1436.61
(80%Imax) 1641.84
(90%Imax) 1847.07

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

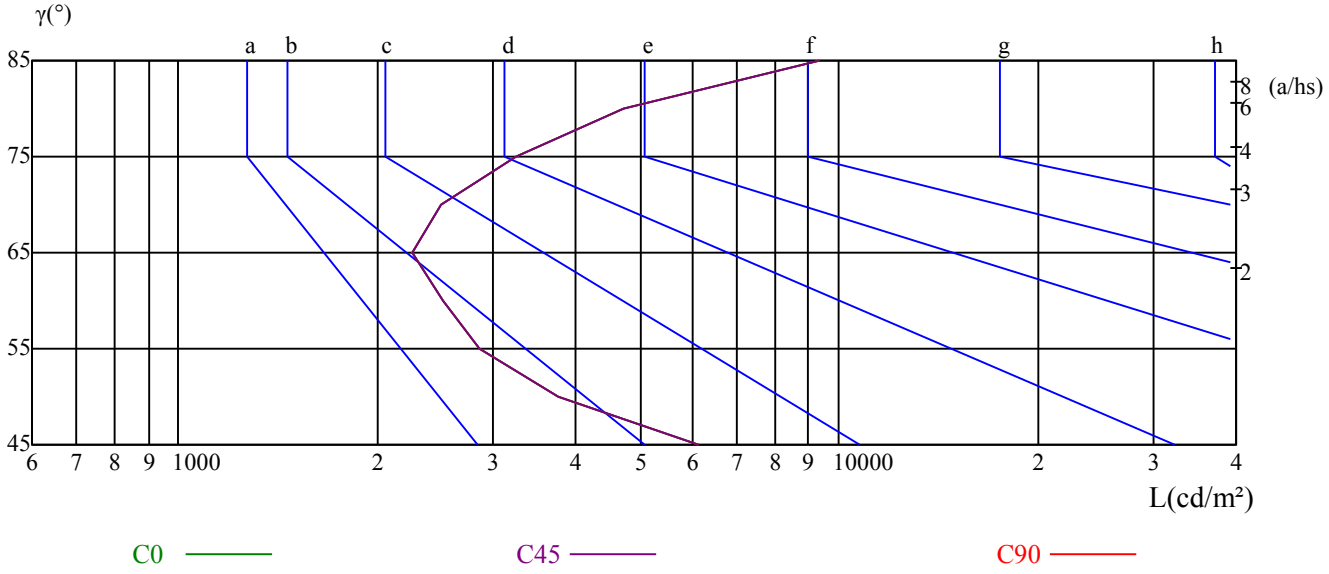
γ	45	50	55	60	65	70	75	80	85
C0	6127	3771	2861	2522	2267	2502	3238	4713	9345
C45	6127	3771	2861	2522	2267	2502	3238	4713	9345
C90	6127	3771	2861	2522	2267	2502	3238	4713	9345

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2267	2267	2267	3238	3238	3238	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	12.79	13.70	13.20	14.06	14.44	11.69	12.59	12.09	12.95	13.33
	3H	12.83	13.63	13.26	14.02	14.43	11.80	12.61	12.23	12.99	13.40
	4H	12.96	13.71	13.41	14.11	14.54	12.01	12.76	12.46	13.16	13.59
	6H	13.32	14.00	13.78	14.42	14.88	12.46	13.14	12.93	13.57	14.03
	8H	13.59	14.24	14.05	14.67	15.13	12.81	13.46	13.27	13.89	14.36
	12H	14.02	14.63	14.49	15.07	15.55	13.33	13.95	13.80	14.39	14.86
4H	2H	12.57	13.32	13.02	13.72	14.15	11.51	12.25	11.95	12.66	13.08
	3H	12.70	13.32	13.17	13.76	14.24	11.74	12.37	12.21	12.81	13.29
	4H	13.01	13.55	13.49	14.02	14.52	12.17	12.71	12.65	13.18	13.68
	6H	13.56	14.04	14.08	14.53	15.04	12.85	13.33	13.36	13.82	14.33
	8H	14.03	14.47	14.55	14.97	15.50	13.40	13.84	13.93	14.35	14.87
	12H	14.71	15.12	15.25	15.62	16.19	14.19	14.60	14.72	15.09	15.67
8H	4H	13.05	13.49	13.58	13.99	14.52	12.28	12.72	12.80	13.22	13.75
	6H	13.84	14.20	14.39	14.72	15.29	13.23	13.59	13.77	14.11	14.67
	8H	14.56	14.86	15.13	15.42	15.97	14.04	14.35	14.62	14.91	15.46
	12H	15.52	15.75	16.11	16.31	16.89	15.12	15.35	15.70	15.90	16.48
12H	4H	13.07	13.48	13.61	13.98	14.55	12.32	12.73	12.85	13.23	13.80
	6H	14.00	14.30	14.58	14.87	15.42	13.42	13.72	13.99	14.28	14.83
	8H	14.78	15.01	15.36	15.57	16.14	14.31	14.54	14.89	15.10	15.67

Variation with the observer position at spacings:		
S = 1.0H	4.1/-3.3	4.1/-3.3
S = 1.5H	5.5/-2.4	5.5/-2.4
S = 2.0H	6.3/-2.0	6.3/-2.0
Standard tables:	BK4	BK4
Uncorrected UGR	-4.1	-4.1

依据CIE Publ. 117 计算 UGR，S/H = 0.25