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LumCAT:

Luminaire: focus sm a 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

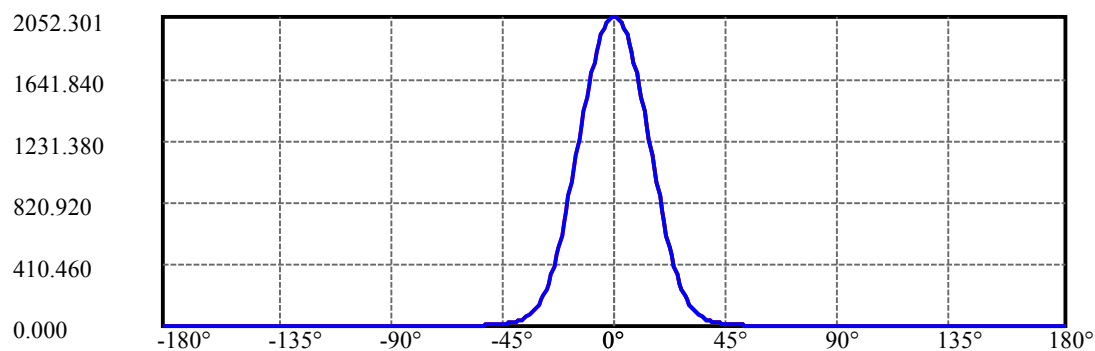
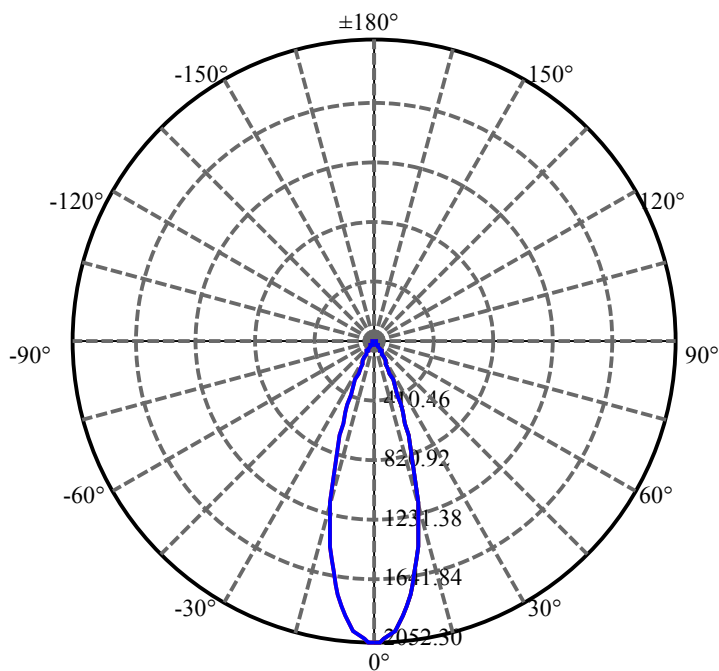
Beam angle of C0 plane : 32.49

Aveage BeamAngle(IEC 61341):32.49

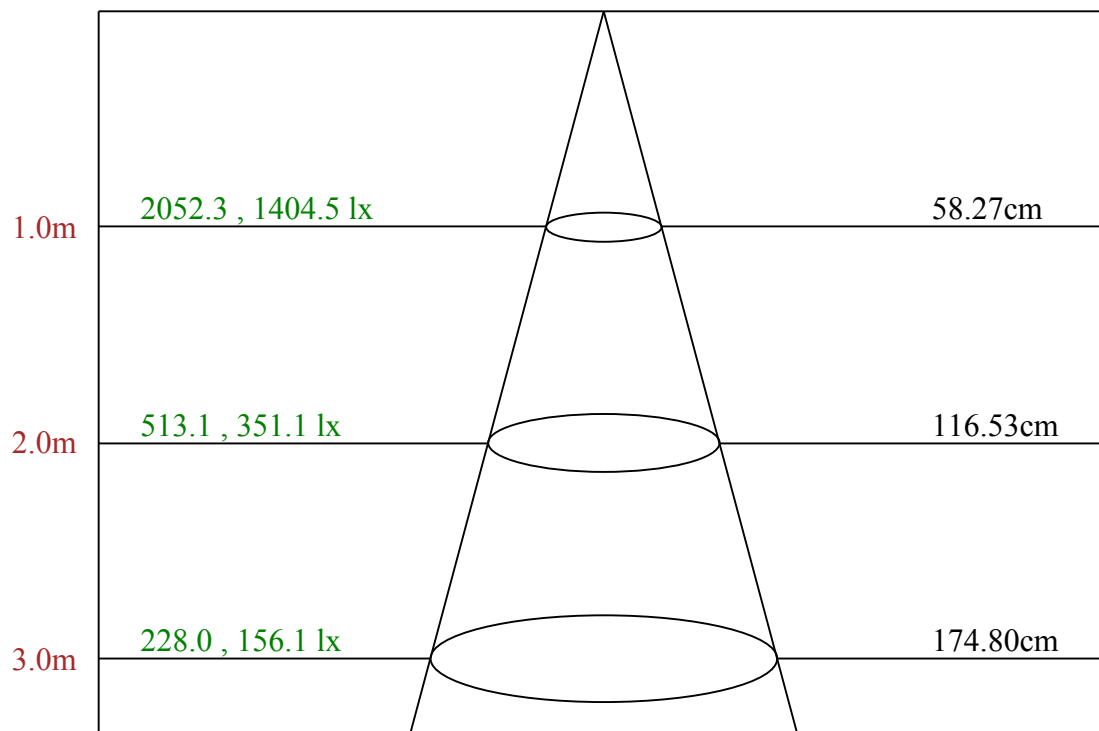
Equipment: equipamento lumini
Temperature(°C): 25.5

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

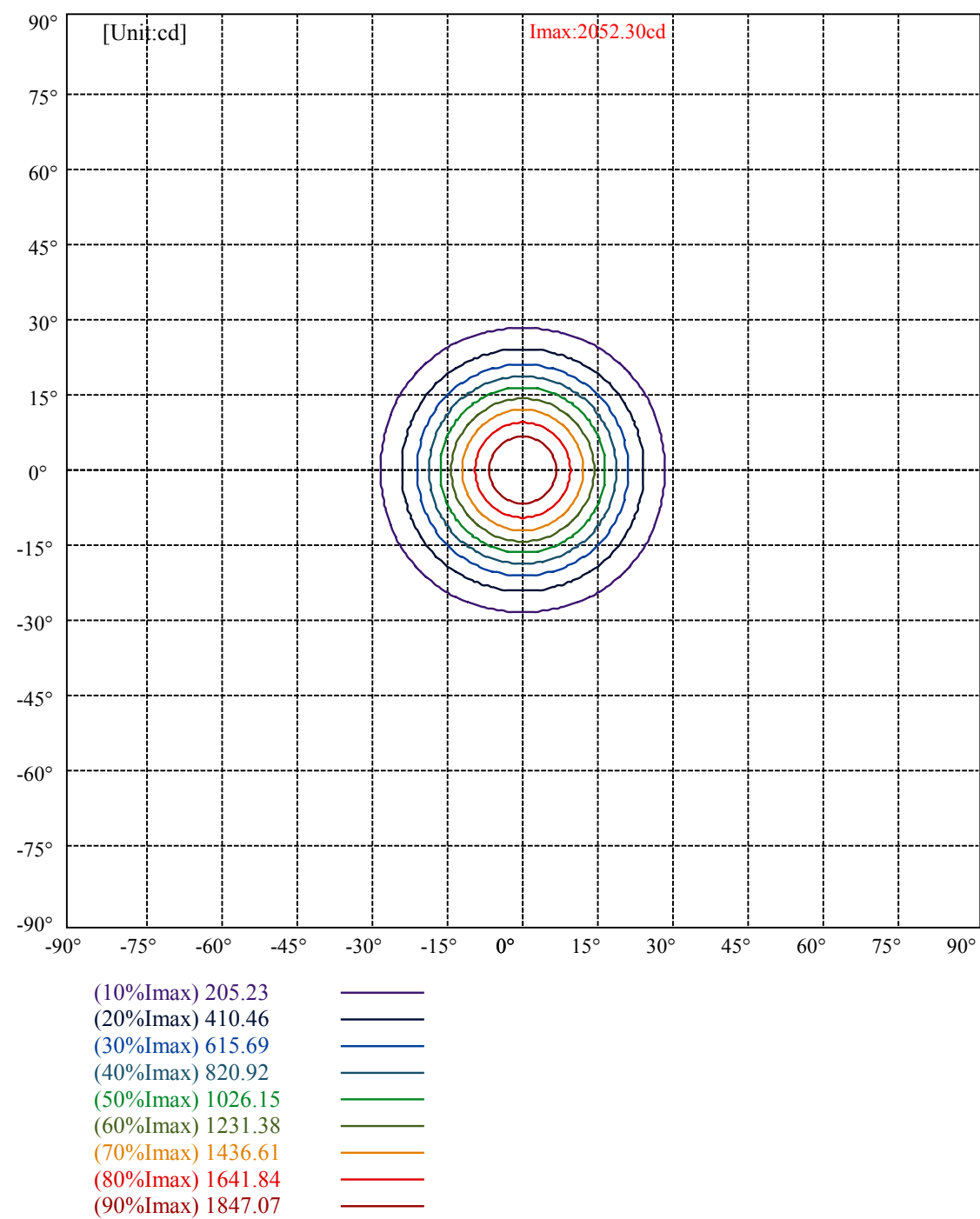
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 32.49



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

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

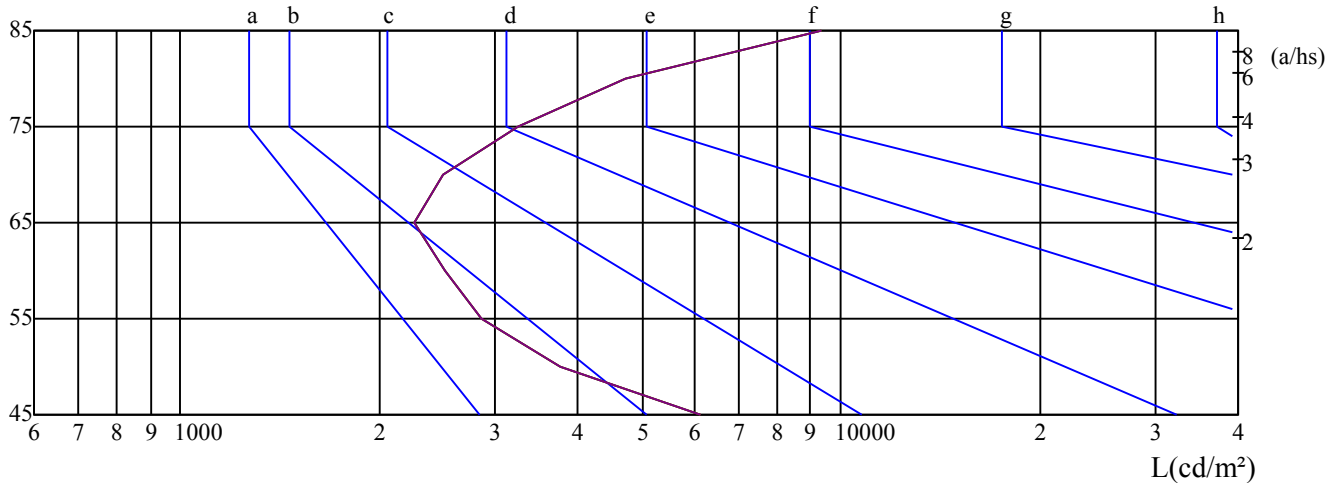
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2267	2267	2267	3238	3238	3238	9345	9345	9345

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 Limiting Curve

$\gamma(^{\circ})$



Equipment: equipamento lumini
Temperature($^{\circ}\text{C}$): 25.5

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

Operator: 01
Distance(m): 6.90

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