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LumCAT:

Luminaire: gap s - (luz direta)

LampCAT: modulo led 6W 27K irc 90

Ballast type: led driver 180mA

Report No:

Voltage(V): 127.8900

Test No:

Current(A): 0.0570

Number of Lamps: 1

Power (W): 7.1970

Lamp flux(lm): 783.0

PF: 0.9790

Length(mm): 58

Width(mm): 58

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 627.57, Efficiency(%): 80.15% , Luminous Efficacy(lm/W): 87.20

Central intensity(cd): 2541.922, Maximum intensity(cd): 2541.922

Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

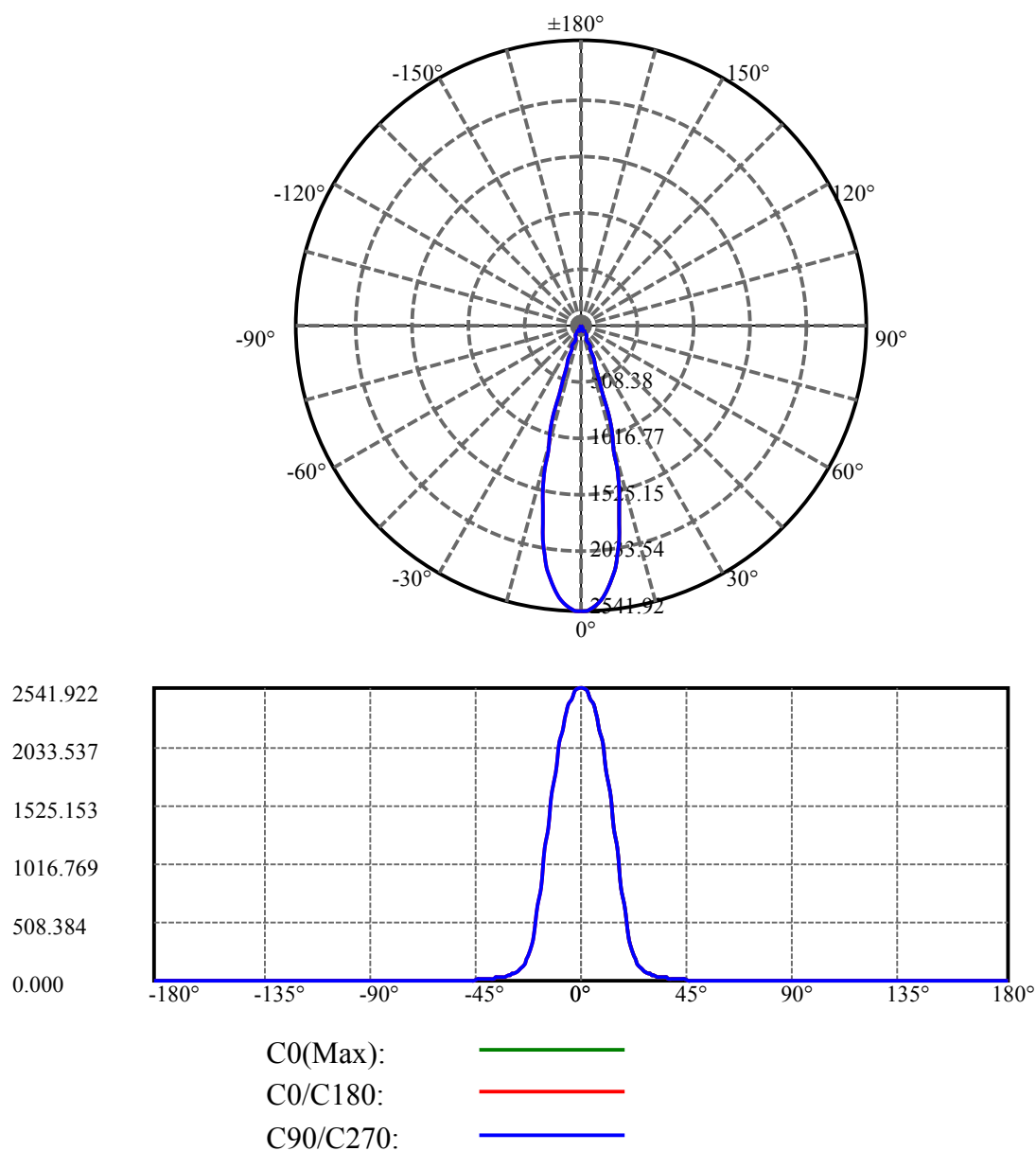
Beam angle of C0 plane : 28.60

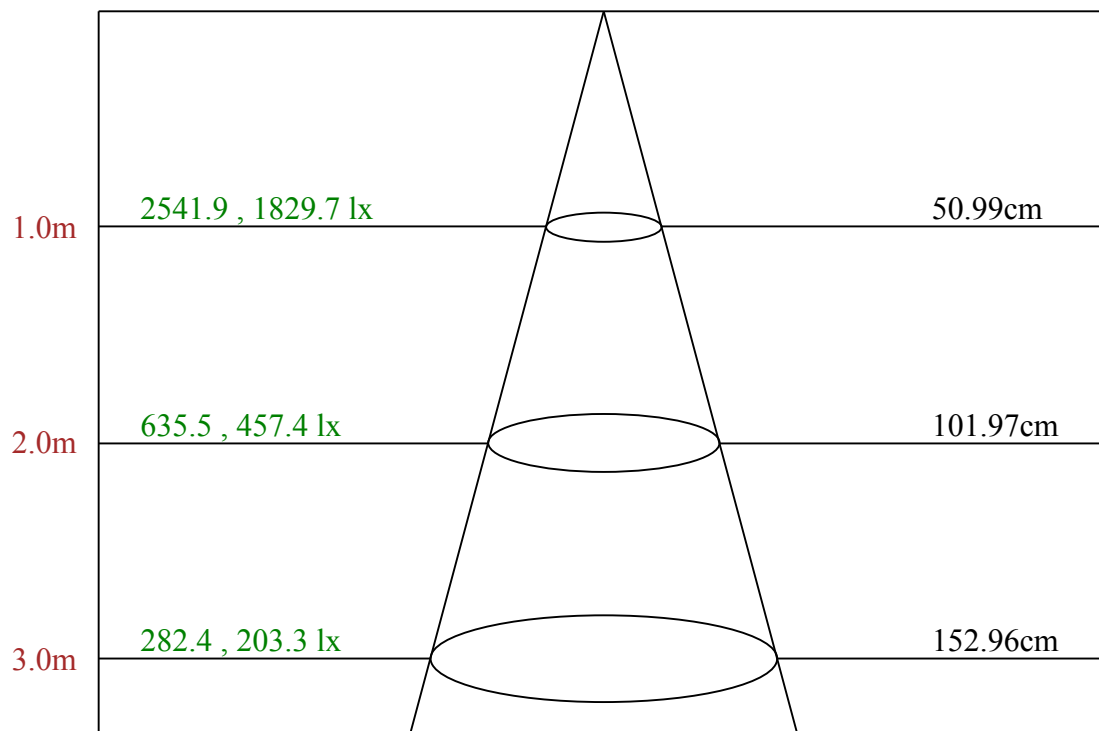
Average BeamAngle(IEC 61341):28.60

Equipment: equipamento lumini
Temperature(°C): 25.0

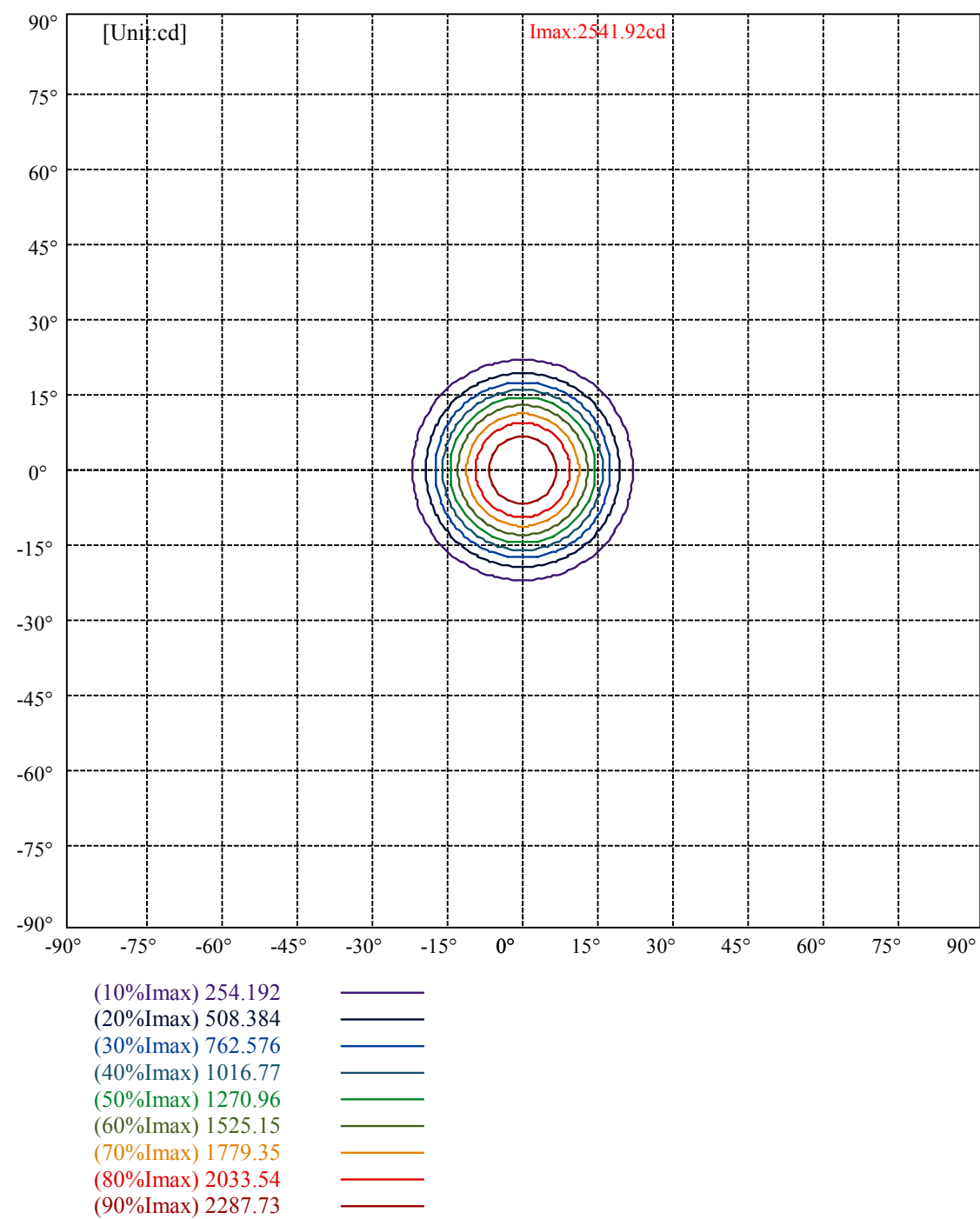
Date: 15/03/2025
Humidity(%): 58.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 28.60



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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	3110	1351	1184	1207	1407	1743	2290	3433	6820
C45	3110	1351	1184	1207	1407	1743	2290	3433	6820
C90	3110	1351	1184	1207	1407	1743	2290	3433	6820

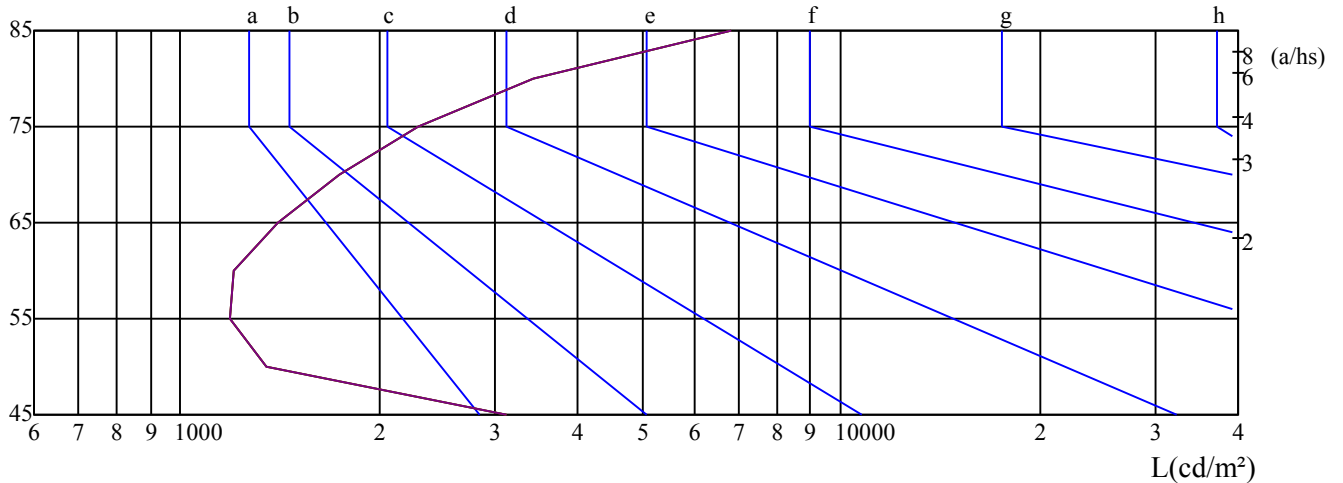
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1407	1407	1407	2290	2290	2290	6820	6820	6820

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

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini
Temperature($^{\circ}\text{C}$): 25.0

Date: 15/03/2025
Humidity(%): 58.0%

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	6.30	7.19	6.70	7.55	7.92	6.80	7.69	7.20	8.05	8.42
	3H	6.93	7.72	7.36	8.11	8.51	7.34	8.13	7.77	8.51	8.91
	4H	7.62	8.35	8.06	8.75	9.17	7.94	8.68	8.39	9.08	9.50
	6H	8.74	9.41	9.20	9.84	10.29	8.98	9.65	9.44	10.07	10.52
	8H	9.51	10.15	9.97	10.58	11.04	9.67	10.32	10.14	10.75	11.21
	12H	10.47	11.08	10.94	11.51	11.98	10.57	11.18	11.04	11.62	12.09
4H	2H	6.25	6.98	6.69	7.38	7.80	6.71	7.45	7.15	7.84	8.27
	3H	7.19	7.81	7.66	8.25	8.72	7.54	8.16	8.00	8.59	9.06
	4H	8.23	8.76	8.70	9.23	9.73	8.48	9.01	8.96	9.48	9.98
	6H	9.67	10.14	10.19	10.64	11.14	9.83	10.30	10.34	10.80	11.30
	8H	10.66	11.10	11.19	11.60	12.12	10.76	11.20	11.28	11.69	12.22
	12H	11.85	12.25	12.38	12.74	13.31	11.89	12.30	12.42	12.79	13.36
8H	4H	8.63	9.06	9.15	9.56	10.08	8.84	9.27	9.36	9.77	10.30
	6H	10.41	10.77	10.96	11.29	11.85	10.53	10.89	11.08	11.41	11.97
	8H	11.67	11.97	12.25	12.53	13.08	11.73	12.03	12.30	12.59	13.14
	12H	13.11	13.34	13.69	13.89	14.46	13.13	13.35	13.71	13.91	14.48
12H	4H	8.77	9.17	9.29	9.66	10.23	8.97	9.37	9.49	9.86	10.43
	6H	10.72	11.02	11.30	11.58	12.13	10.83	11.13	11.40	11.69	12.24
	8H	12.06	12.29	12.64	12.84	13.42	12.11	12.34	12.69	12.89	13.47
Variation with the observer position at spacings:											
S = 1.0H		2.2/-2.2					2.2/-2.2				
S = 1.5H		2.7/-1.8					2.7/-1.8				
S = 2.0H		3.0/-1.5					3.0/-1.5				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-4.9					-4.9				

依据CIE Publ. 117 计算 UGR, S/H = 0.25