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LumCAT:

Luminaire: super track louver 30

LampCAT: modulo led 8W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0850

Number of Lamps: 1

Power (W): 10.1000

Lamp flux(lm): 1125.0

PF: 0.9500

Length(mm): 290

Width(mm): 45

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 789.30, Efficiency(%): 70.16% , Luminous Efficacy(lm/W): 78.15

Central intensity(cd): 498.429, Maximum intensity(cd): 498.429

Angle of maximum intensity: C=0.0 γ =0.0

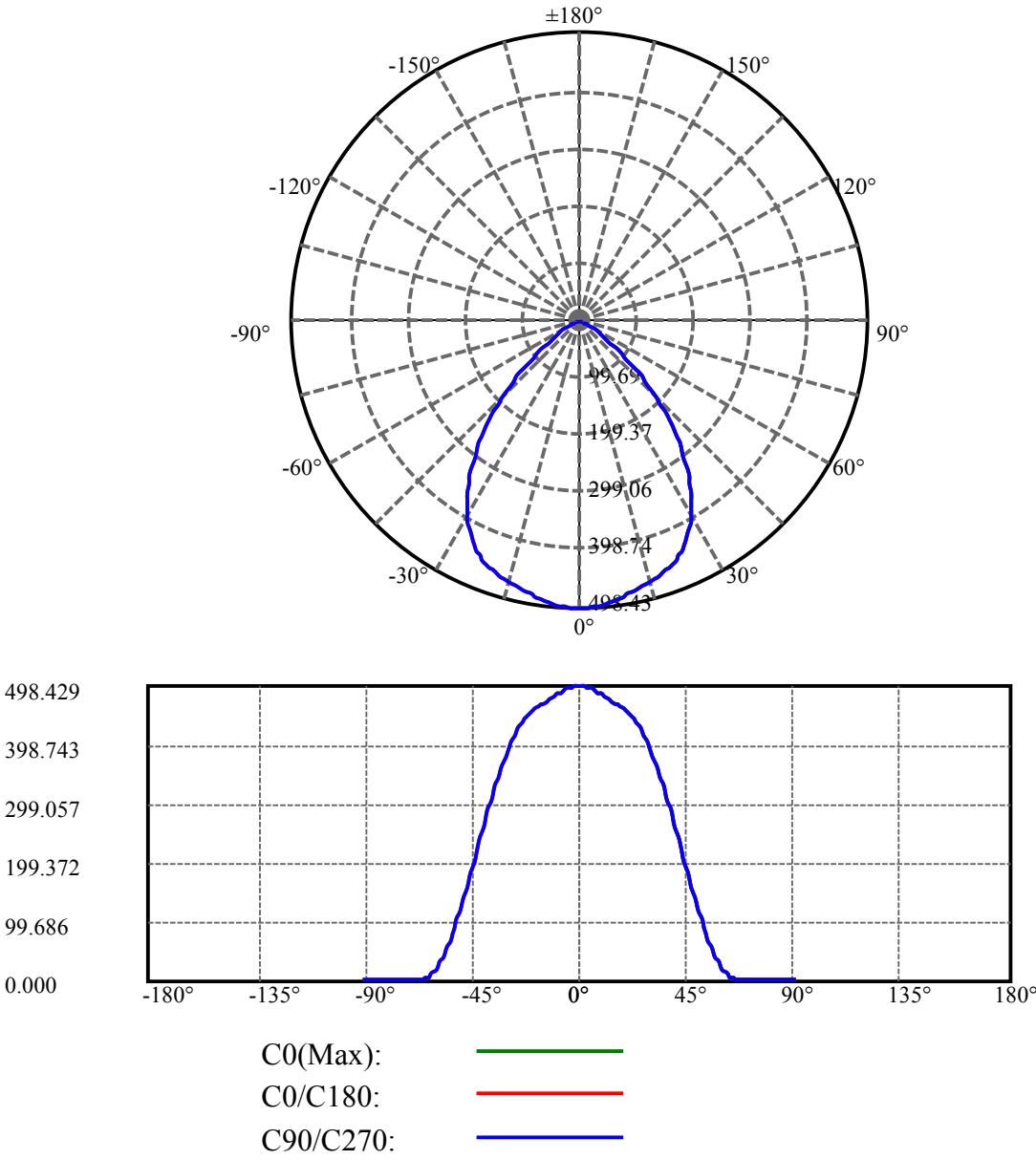
Beam angle of C0 plane : 81.45

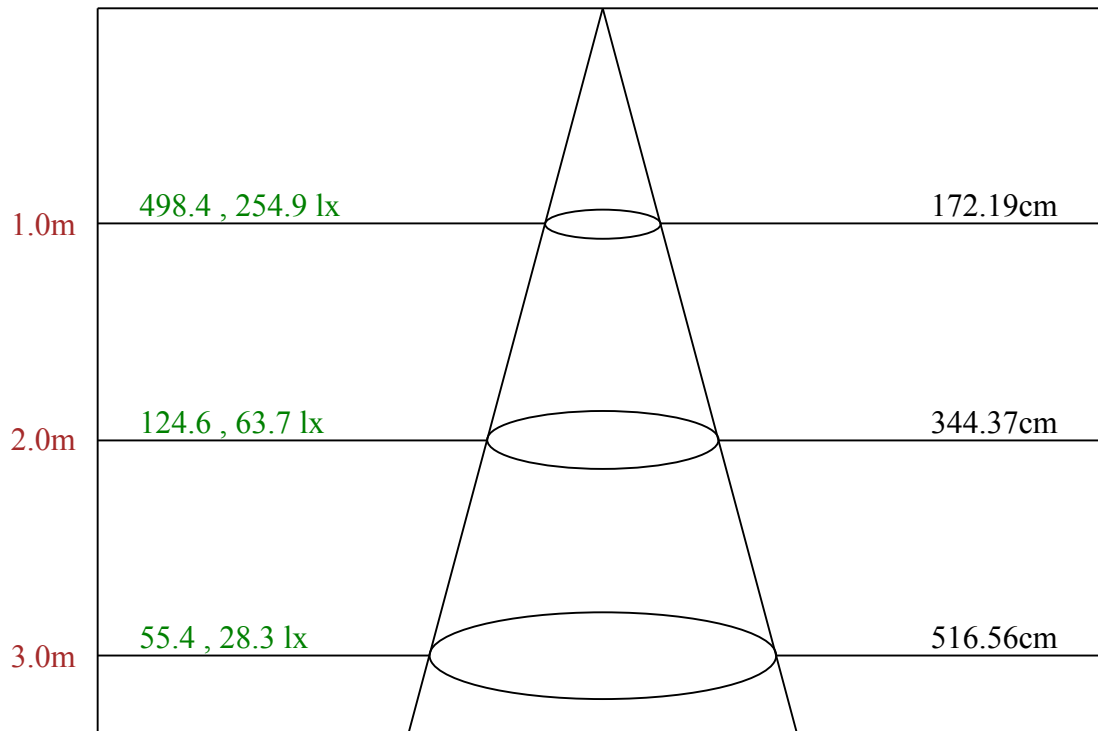
Aveage BeamAngle(IEC 61341):81.45

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 8/7/2024
Humidity(%): 55.0%

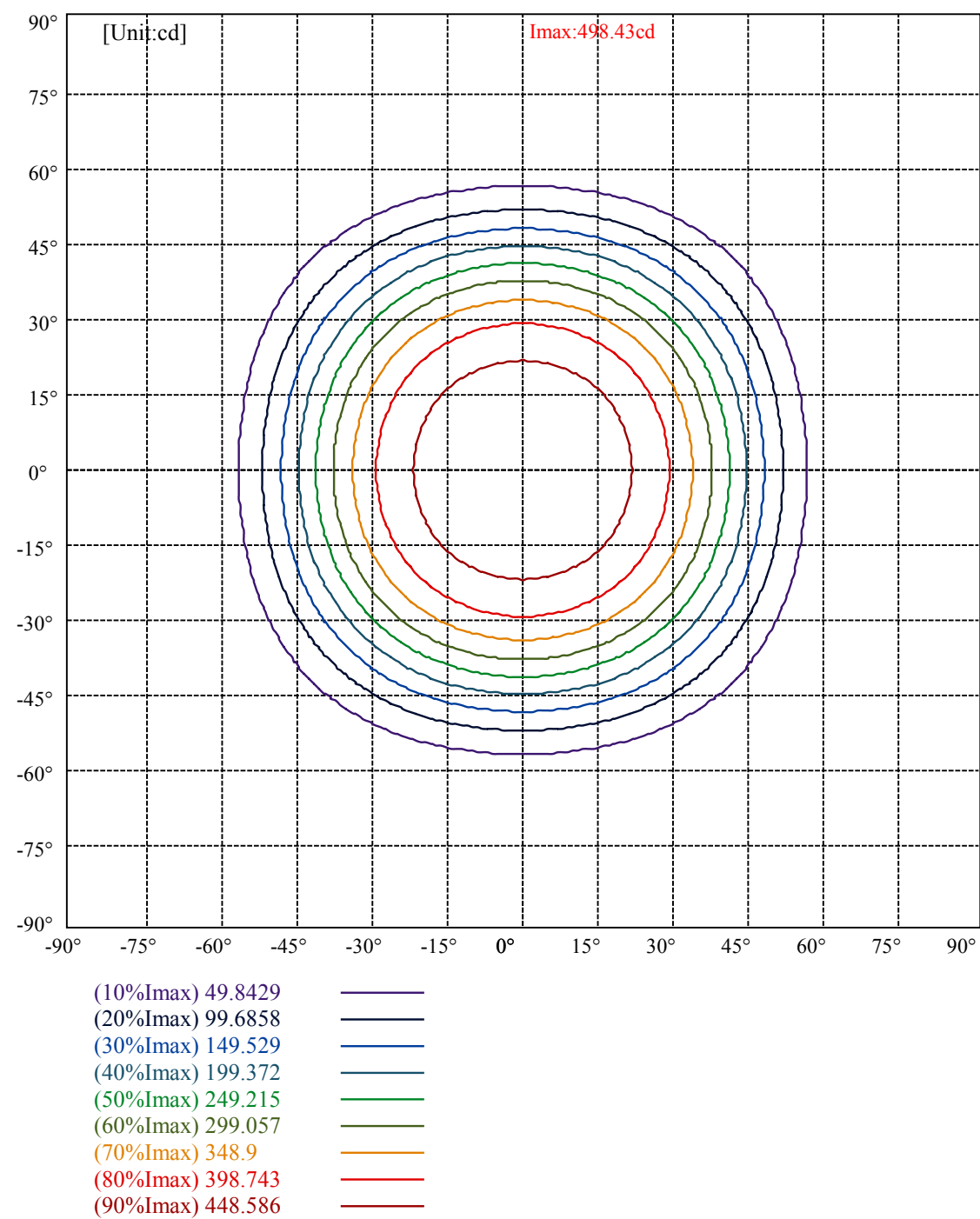
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 81.45



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Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	20211	13869	7843	3028	831	475	589	840	1570
C45	20211	13869	7843	3028	831	475	589	840	1570
C90	20211	13869	7843	3028	831	475	589	840	1570

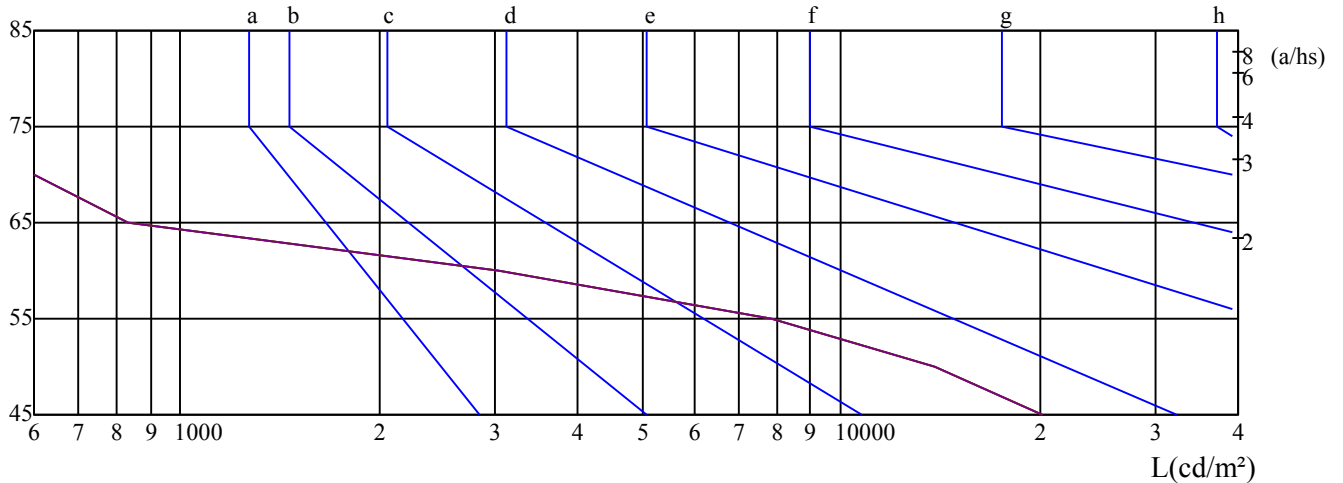
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
831	831	831	589	589	589	1570	1570	1570

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($^{\circ}\text{C}$): 25.5

Date: 8/7/2024
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	19.54	20.77	19.90	21.08	21.40	19.79	21.03	20.15	21.34	21.65
	3H	19.38	20.47	19.77	20.81	21.15	19.64	20.73	20.02	21.07	21.41
	4H	19.30	20.31	19.70	20.67	21.03	19.56	20.57	19.96	20.92	21.29
	6H	19.24	20.17	19.65	20.54	20.94	19.50	20.42	19.91	20.80	21.19
	8H	19.18	20.06	19.60	20.45	20.85	19.44	20.32	19.85	20.70	21.11
	12H	19.12	19.97	19.55	20.36	20.77	19.38	20.23	19.81	20.62	21.03
4H	2H	19.41	20.42	19.81	20.77	21.13	19.65	20.66	20.05	21.01	21.37
	3H	19.23	20.06	19.65	20.45	20.86	19.47	20.30	19.89	20.69	21.10
	4H	19.18	19.90	19.62	20.32	20.76	19.42	20.14	19.86	20.56	21.00
	6H	19.07	19.70	19.54	20.15	20.60	19.31	19.94	19.78	20.39	20.84
	8H	19.03	19.61	19.51	20.07	20.54	19.27	19.86	19.75	20.32	20.79
	12H	19.00	19.54	19.48	19.99	20.51	19.25	19.79	19.73	20.24	20.76
8H	4H	19.01	19.59	19.49	20.05	20.52	19.25	19.84	19.73	20.29	20.76
	6H	18.88	19.37	19.38	19.85	20.35	19.12	19.61	19.62	20.09	20.60
	8H	18.88	19.31	19.41	19.83	20.32	19.13	19.56	19.66	20.07	20.57
	12H	18.86	19.21	19.40	19.73	20.24	19.11	19.46	19.65	19.98	20.49
12H	4H	18.96	19.51	19.45	19.95	20.47	19.20	19.75	19.69	20.19	20.71
	6H	18.87	19.29	19.40	19.81	20.31	19.11	19.54	19.64	20.06	20.55
	8H	18.84	19.19	19.37	19.70	20.22	19.08	19.43	19.62	19.95	20.46
Variation with the observer position at spacings:											
S = 1.0H		1.3/-4.0					1.3/-4.0				
S = 1.5H		3.2/-12.6					3.2/-12.6				
S = 2.0H		5.6/-13.8					5.6/-13.8				
Standard tables:		BK0					BK0				
Uncorrected UGR		1.0					1.0				

依据CIE Publ. 117 计算 UGR, S/H = 0.25