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LumCAT:

Luminaire: loop modulo linear 17W

LampCAT: modulo led 28W/m 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.8100

Test No:

Current(A): 0.1520

Number of Lamps: 1

Power (W): 19.2350

Lamp flux(lm): 2405.0

PF: 0.9910

Length(mm): 600

Width(mm): 40

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1231.64, Efficiency(%): 51.21% , Luminous Efficacy(lm/W): 64.03

Central intensity(cd): 512.058, Maximum intensity(cd): 512.058

Angle of maximum intensity: C=0.0 γ =0.0

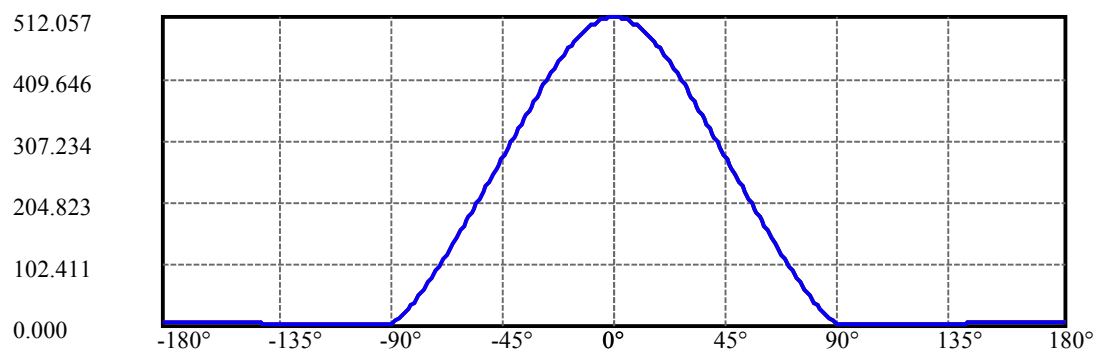
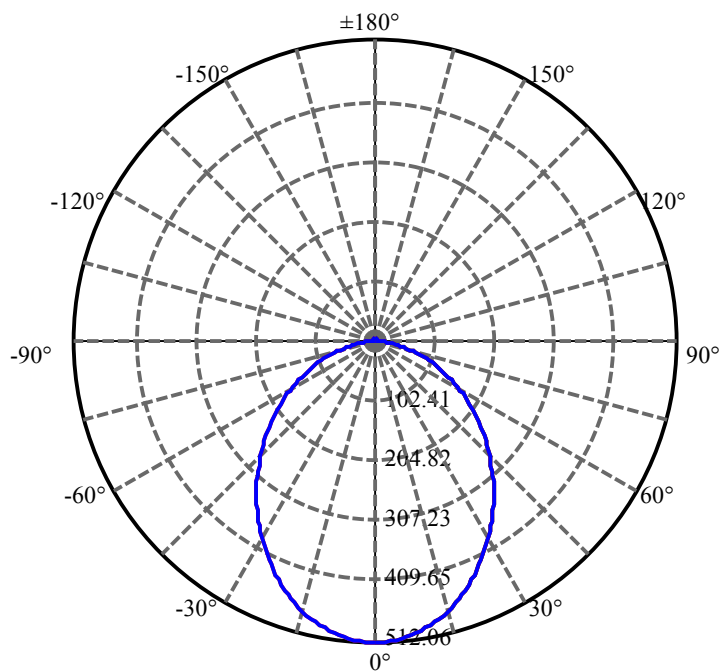
Beam angle of C0 plane : 95.05

Aveage BeamAngle(IEC 61341):95.05

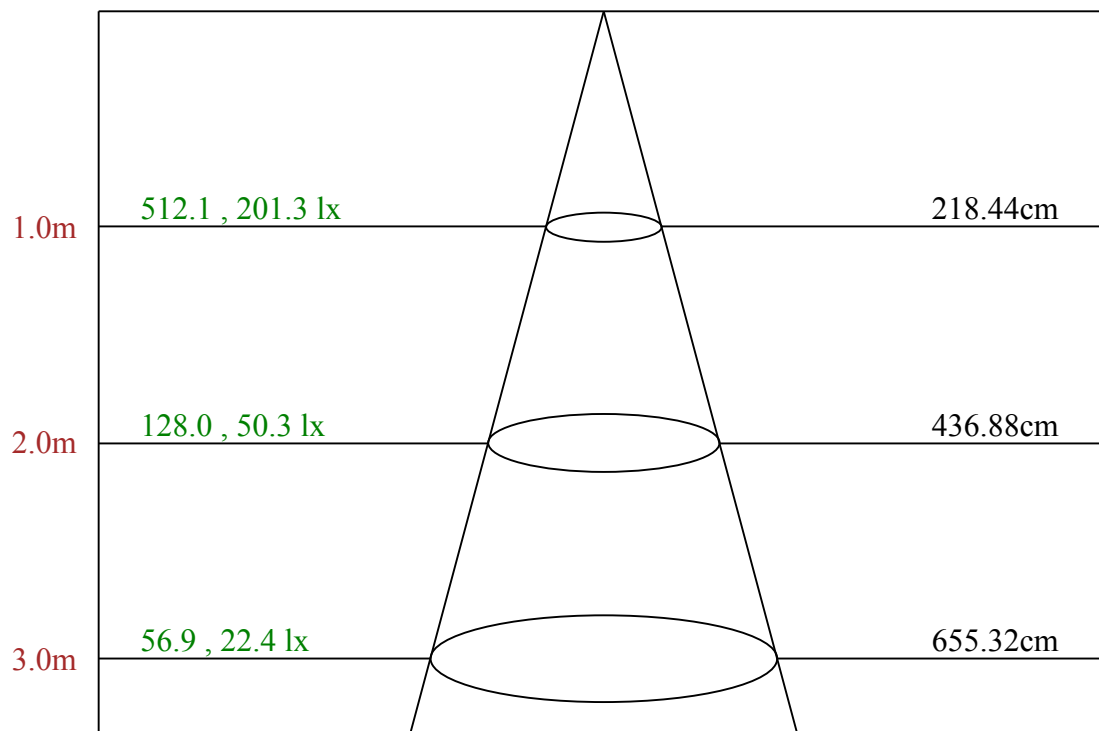
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 28/03/2025
Humidity(%): 60.0%

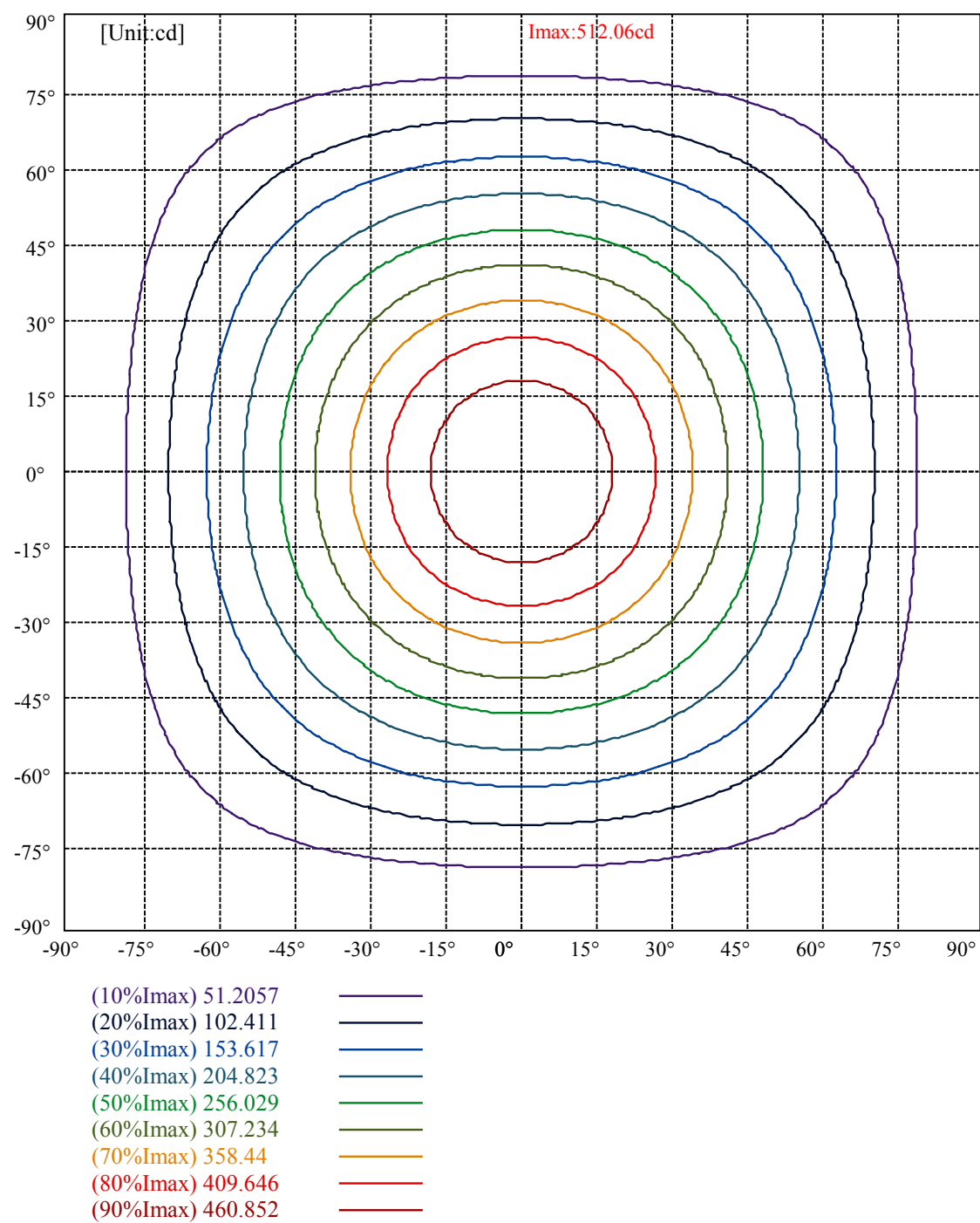
Operator: 01
Distance(m): 6.90



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



Max , Ave Beam angle of C0 plane 95.05



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Luminance Limiting Curve(no luminous side)

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Luminance Table

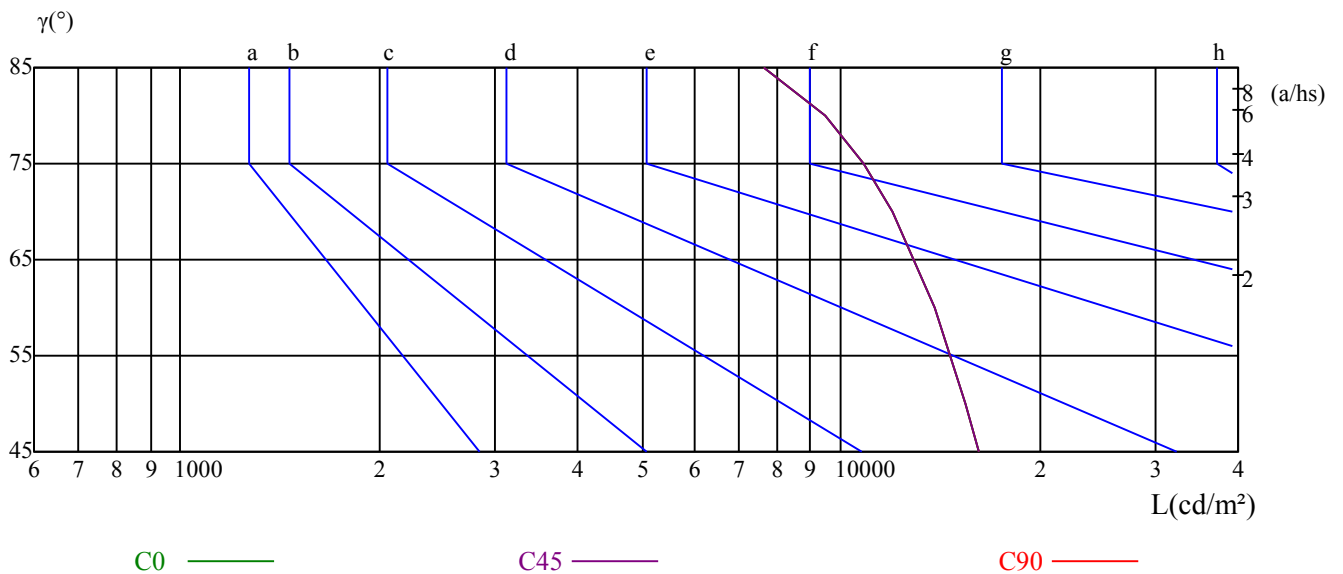
γ	45	50	55	60	65	70	75	80	85
C0	16223	15455	14684	13863	12909	11944	10813	9495	7633
C45	16223	15455	14684	13863	12909	11944	10813	9495	7633
C90	16223	15455	14684	13863	12909	11944	10813	9495	7633

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
12909	12909	12909	10813	10813	10813	7633	7633	7633

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



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

Date: 28/03/2025
Humidity(%): 60.0%

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	21.48	23.02	21.87	23.37	23.74	22.18	23.72	22.58	24.08	24.44
	3H	22.96	24.35	23.37	24.73	25.12	23.78	25.17	24.19	25.55	25.94
	4H	23.51	24.82	23.94	25.21	25.62	24.36	25.66	24.78	26.06	26.47
	6H	23.95	25.16	24.39	25.57	26.01	24.80	26.01	25.24	26.42	26.86
	8H	24.08	25.25	24.53	25.67	26.12	24.91	26.08	25.36	26.50	26.95
	12H	24.16	25.28	24.61	25.71	26.17	24.97	26.09	25.42	26.52	26.98
4H	2H	22.24	23.55	22.67	23.94	24.35	22.79	24.09	23.21	24.49	24.90
	3H	23.87	24.98	24.32	25.41	25.87	24.54	25.65	24.99	26.07	26.53
	4H	24.60	25.58	25.07	26.04	26.52	25.29	26.27	25.75	26.72	27.21
	6H	25.11	25.98	25.60	26.46	26.95	25.81	26.68	26.30	27.16	27.65
	8H	25.32	26.14	25.82	26.62	27.13	26.00	26.82	26.50	27.30	27.81
	12H	25.46	26.22	25.97	26.70	27.25	26.12	26.88	26.63	27.36	27.91
8H	4H	24.91	25.72	25.41	26.21	26.72	25.52	26.34	26.02	26.82	27.33
	6H	25.55	26.24	26.08	26.74	27.28	26.16	26.85	26.69	27.35	27.89
	8H	25.90	26.49	26.44	27.03	27.57	26.49	27.08	27.03	27.62	28.16
	12H	26.11	26.61	26.66	27.16	27.71	26.68	27.18	27.23	27.72	28.28
12H	4H	24.94	25.70	25.45	26.18	26.73	25.54	26.30	26.05	26.77	27.32
	6H	25.68	26.27	26.22	26.82	27.35	26.27	26.86	26.81	27.41	27.94
	8H	26.02	26.52	26.57	27.07	27.62	26.58	27.09	27.14	27.63	28.19
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.5					0.3/-0.5				
S = 1.5H		0.6/-0.7					0.6/-0.7				
S = 2.0H		0.9/-0.9					0.9/-0.9				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.0					7.0				

依据CIE Publ. 117 计算 UGR, S/H = 0.25