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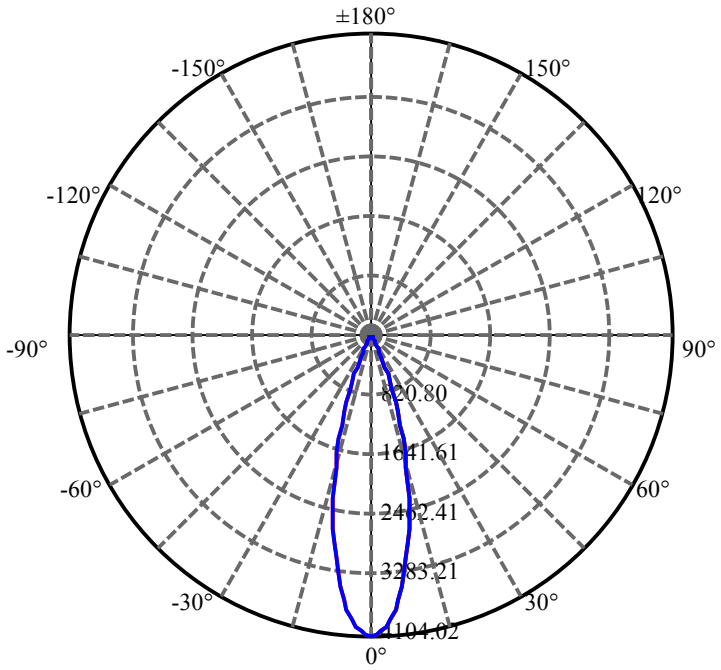
LumCAT:
Luminaire: concentra flex 34 c serie 3 fm
LampCAT: modulo led 12W 30K irc 90
Ballast type: led driver 700mA

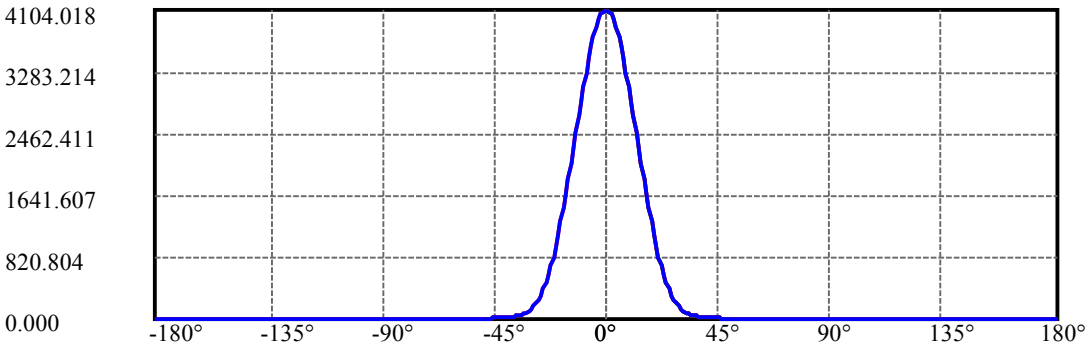
Report No:	Voltage(V): 127.7800
Test No:	Current(A): 0.1120
Number of Lamps: 1	Power (W): 14.0050
Lamp flux(lm): 1430.0	PF: 0.9760
Length(mm): 309	Width(mm): 17
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1113.47, Efficiency(%): 77.87% , Luminous Efficacy(lm/W): 79.51
Central intensity(cd): 4104.018, Maximum intensity(cd): 4104.018
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 28.20
Aveage BeamAngle(IEC 61341):28.20

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

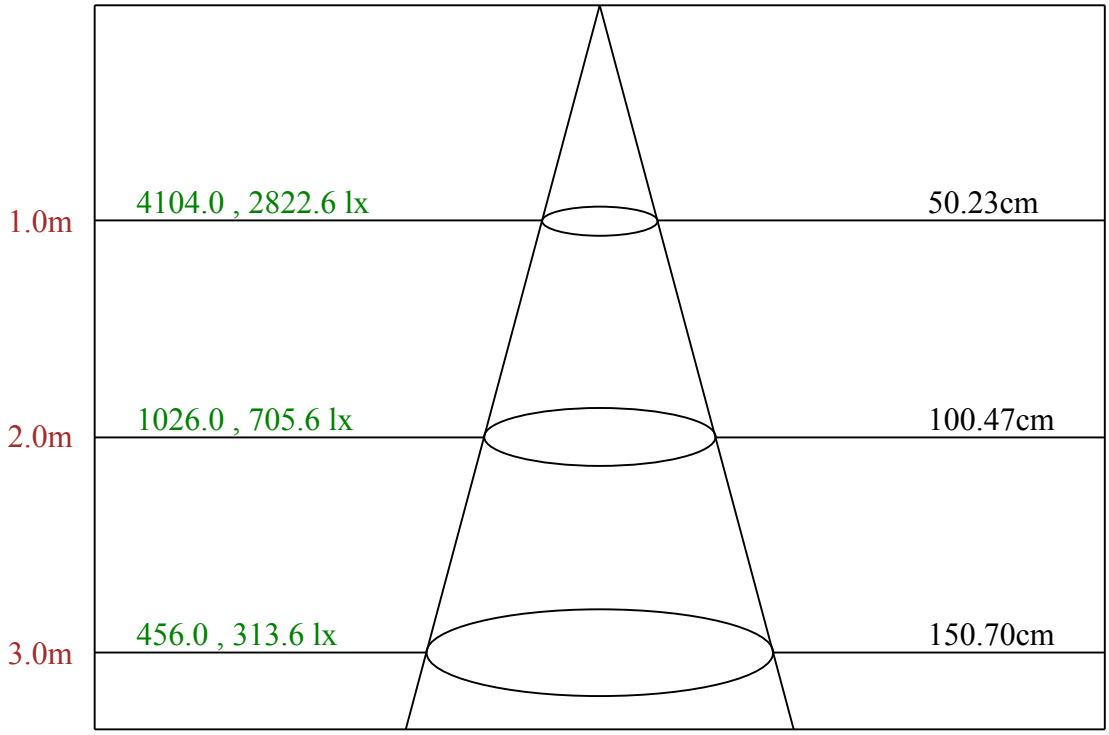
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 13/05/2025
Humidity(%): 60.0%

Operator: 01
Distance(m): 6.90

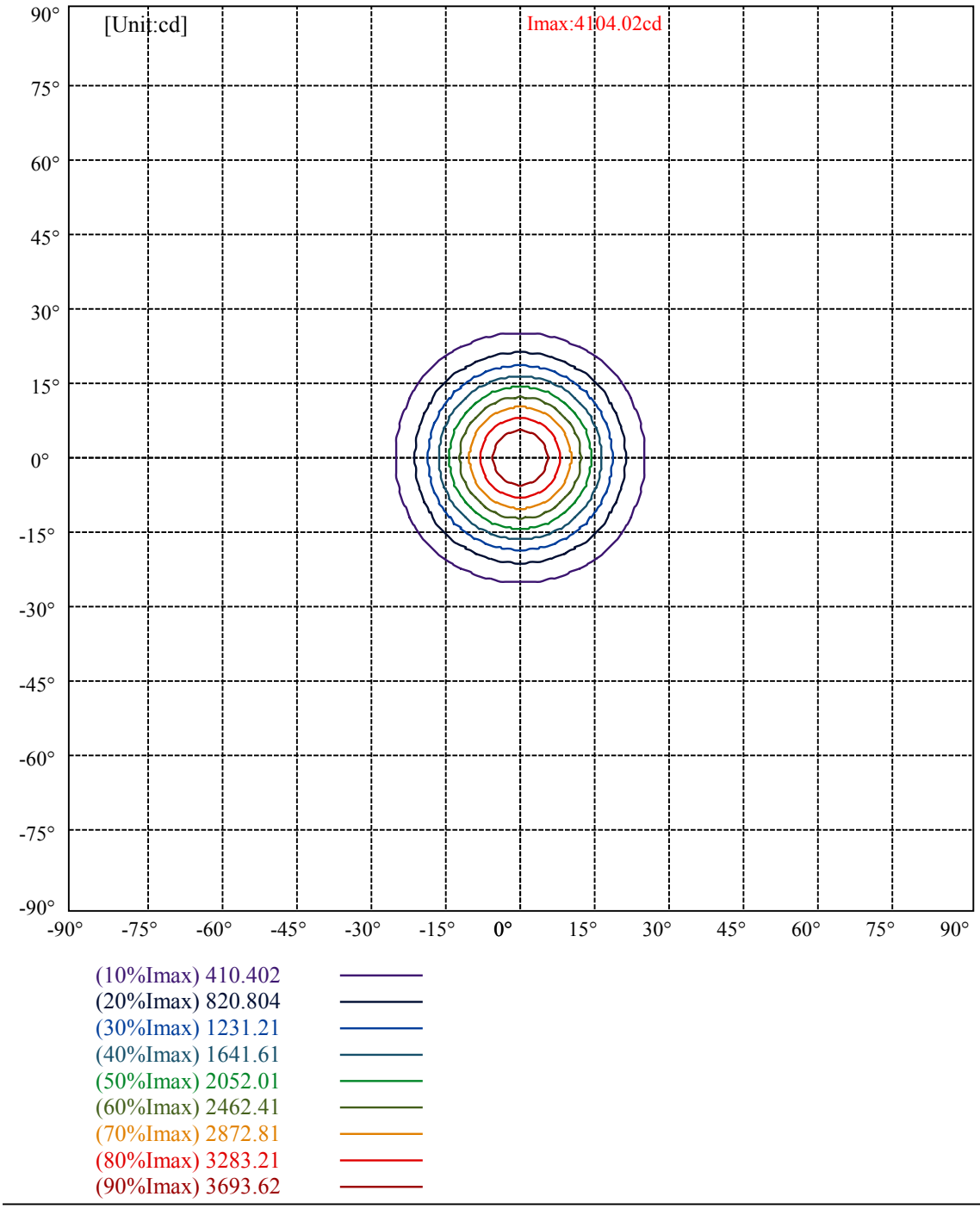
Lux distance Curve



Max , Ave

Beam angle of C0 plane 28.20

ISO-Intensity(V-H)



Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 13/05/2025
Humidity(%): 60.0%

Operator: 01
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

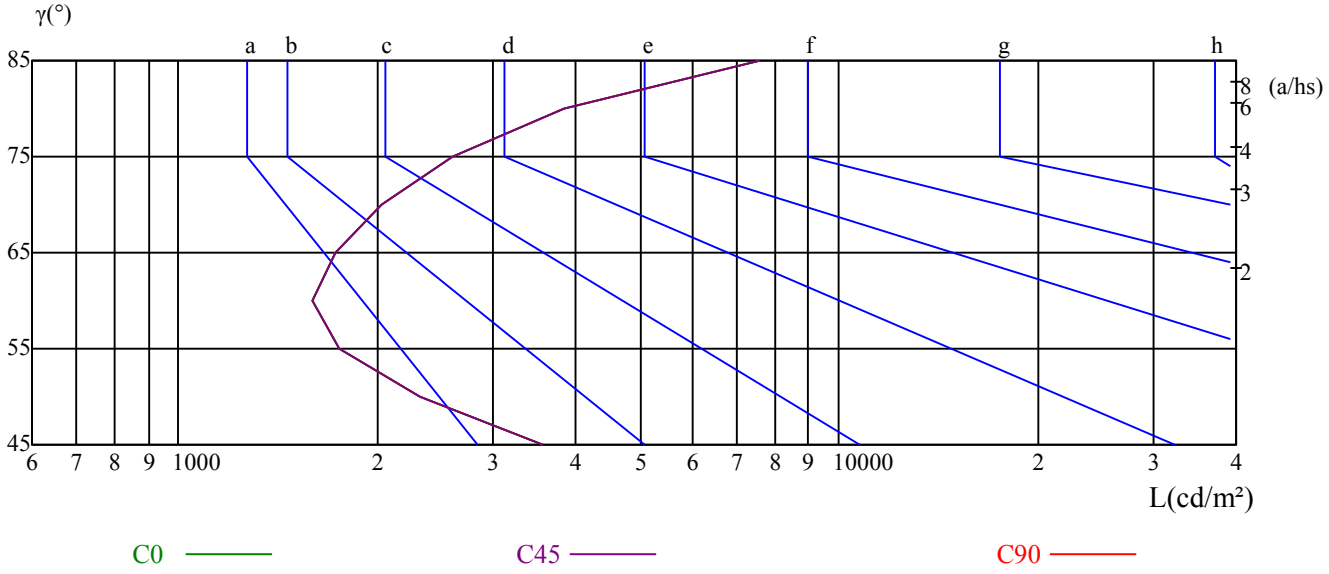
γ	45	50	55	60	65	70	75	80	85
C0	3563	2318	1758	1595	1724	2024	2604	3830	7578
C45	3563	2318	1758	1595	1724	2024	2604	3830	7578
C90	3563	2318	1758	1595	1724	2024	2604	3830	7578

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1724	1724	1724	2604	2604	2604	7578	7578	7578

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	9.26	10.15	9.66	10.51	10.88	9.10	10.00	9.51	10.35	10.72
	3H	9.55	10.34	9.97	10.73	11.12	9.39	10.19	9.82	10.57	10.97
	4H	9.90	10.63	10.34	11.03	11.45	9.75	10.49	10.19	10.88	11.30
	6H	10.56	11.24	11.02	11.66	12.11	10.43	11.11	10.89	11.53	11.98
	8H	11.05	11.70	11.52	12.12	12.58	10.93	11.57	11.39	12.00	12.46
	12H	11.75	12.35	12.21	12.79	13.26	11.61	12.22	12.08	12.66	13.12
4H	2H	9.12	9.85	9.56	10.25	10.67	8.97	9.71	9.41	10.10	10.52
	3H	9.59	10.21	10.06	10.65	11.12	9.45	10.07	9.92	10.51	10.98
	4H	10.20	10.73	10.68	11.20	11.70	10.07	10.60	10.55	11.07	11.57
	6H	11.15	11.62	11.66	12.11	12.61	11.04	11.51	11.55	12.00	12.50
	8H	11.86	12.30	12.39	12.80	13.32	11.76	12.20	12.29	12.70	13.22
	12H	12.82	13.22	13.35	13.71	14.28	12.70	13.10	13.23	13.59	14.16
8H	4H	10.40	10.83	10.92	11.33	11.85	10.28	10.72	10.81	11.22	11.74
	6H	11.65	12.01	12.20	12.53	13.09	11.56	11.92	12.11	12.44	13.00
	8H	12.65	12.95	13.22	13.51	14.05	12.57	12.86	13.14	13.42	13.97
	12H	13.89	14.12	14.47	14.67	15.24	13.79	14.01	14.37	14.57	15.14
12H	4H	10.47	10.87	11.00	11.36	11.93	10.36	10.76	10.89	11.26	11.83
	6H	11.89	12.19	12.46	12.75	13.29	11.81	12.11	12.38	12.66	13.21
	8H	12.97	13.20	13.55	13.75	14.32	12.89	13.12	13.47	13.67	14.24
Variation with the observer position at spacings:											
S = 1.0H		2.8/-1.9					2.8/-1.9				
S = 1.5H		3.4/-1.7					3.4/-1.7				
S = 2.0H		3.9/-1.5					3.9/-1.5				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-4.2					-4.2				

依据CIE Publ. 117 计算 UGR，S/H = 0.25