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lumini

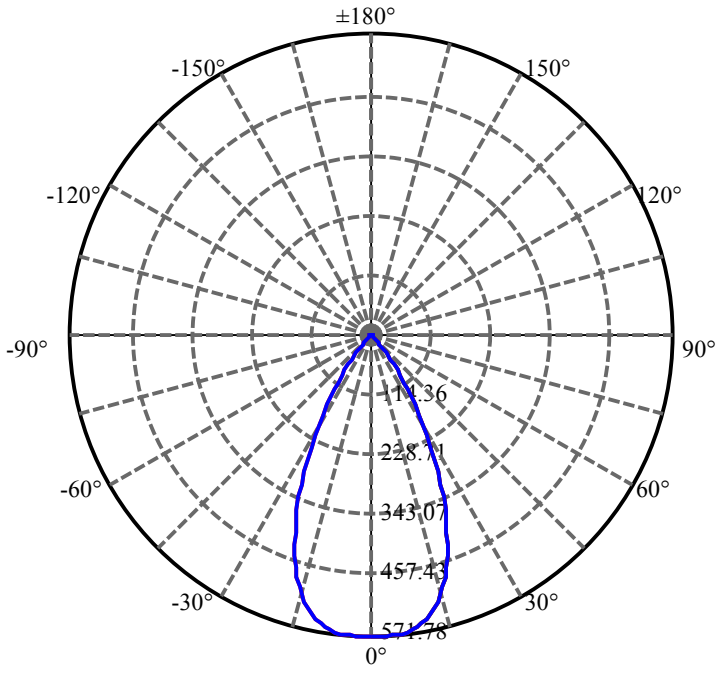
LumCAT:
Luminaire: concentra flex 8 c serie 3 fa
LampCAT: modulo led 6W 30K irc 90
Ballast type: led driver 700mA

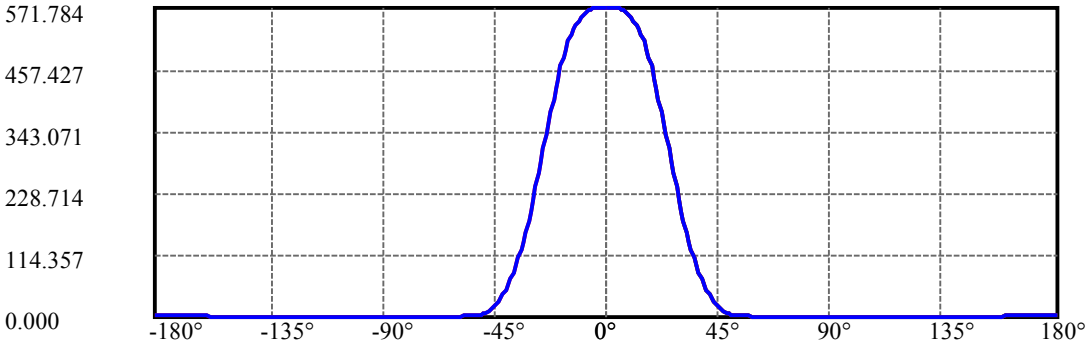
Report No:	Voltage(V): 127.8900
Test No:	Current(A): 0.0620
Number of Lamps: 1	Power (W): 7.5340
Lamp flux(lm): 700.0	PF: 0.9520
Length(mm): 70	Width(mm): 17
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 434.91, Efficiency(%): 62.13% , Luminous Efficacy(lm/W): 57.73
Central intensity(cd): 571.784, Maximum intensity(cd): 571.784
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 52.21
Aveage BeamAngle(IEC 61341):52.21

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

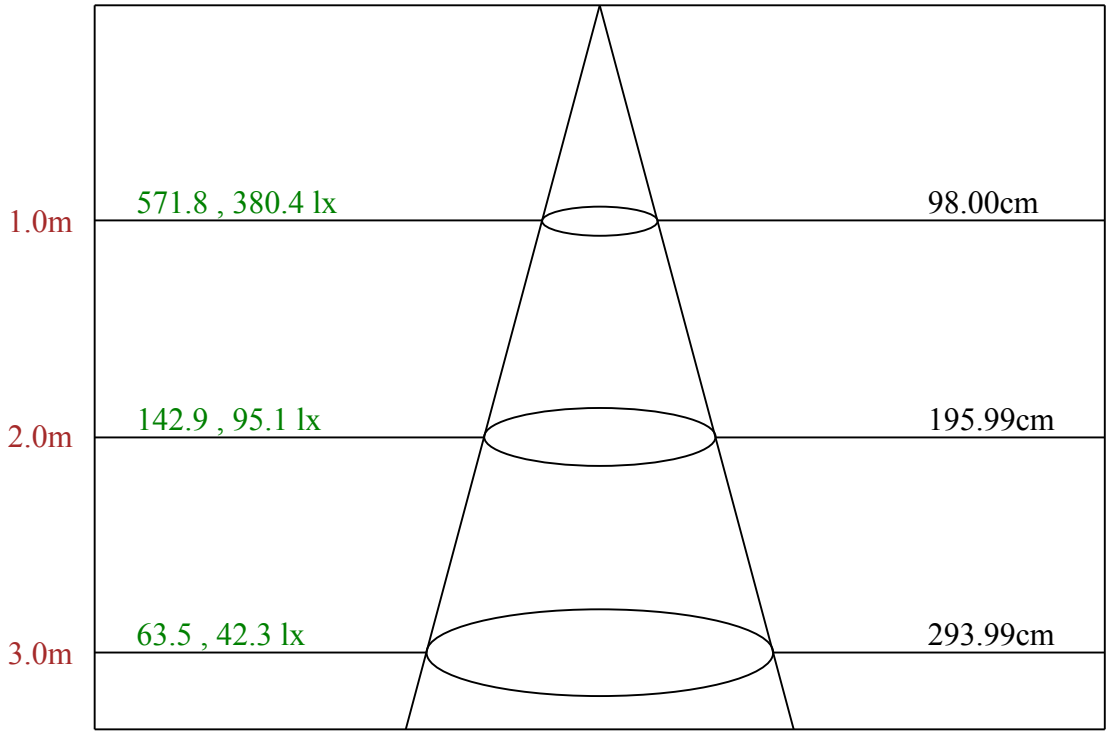
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

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

Operator: 01
Distance(m): 6.90

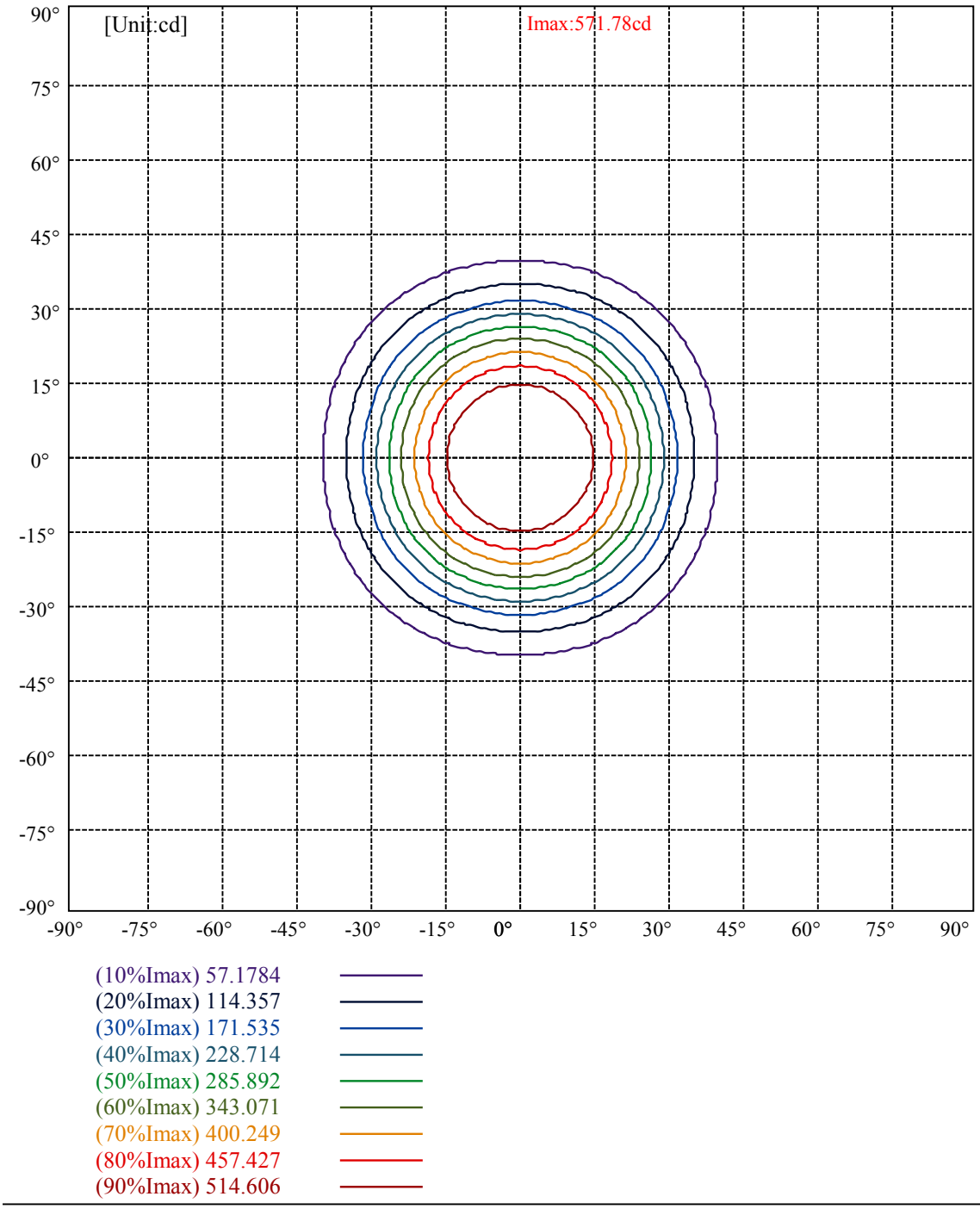
Lux distance Curve



Max , Ave

Beam angle of C0 plane 52.21

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

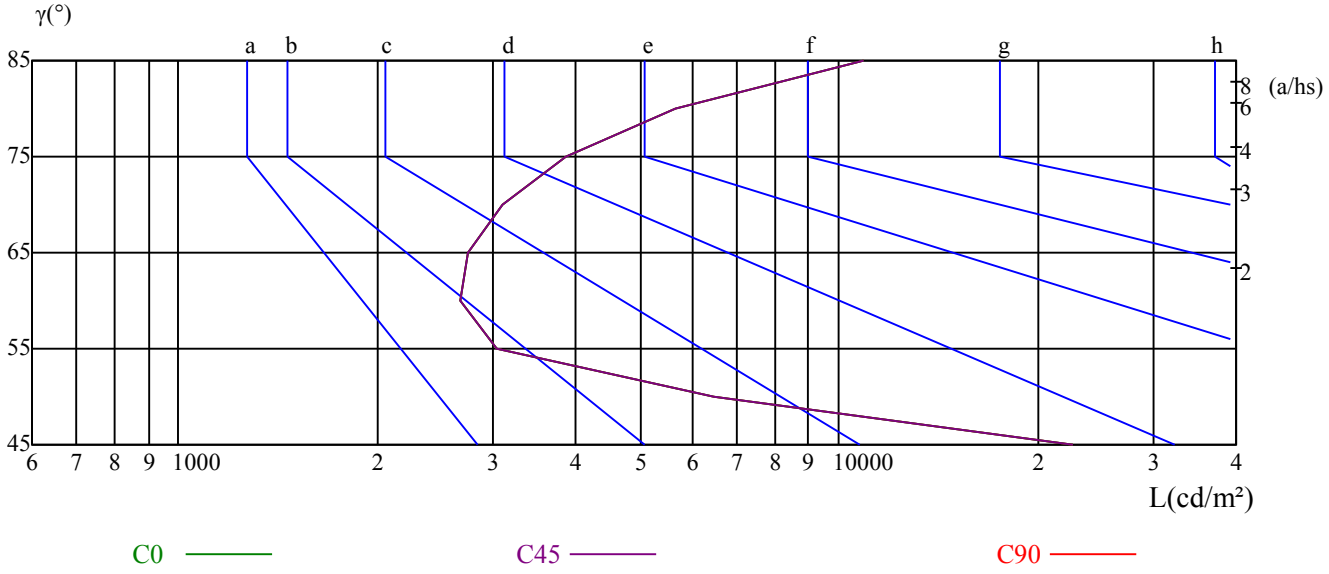
γ	45	50	55	60	65	70	75	80	85
C0	22660	6481	3043	2681	2745	3100	3865	5645	10902
C45	22660	6481	3043	2681	2745	3100	3865	5645	10902
C90	22660	6481	3043	2681	2745	3100	3865	5645	10902

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2745	2745	2745	3865	3865	3865	10902	10902	10902

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	22.39	23.32	22.79	23.67	24.03	21.94	22.87	22.34	23.22	23.59
	3H	22.19	23.02	22.61	23.39	23.79	21.75	22.57	22.17	22.95	23.35
	4H	22.10	22.86	22.53	23.26	23.67	21.66	22.42	22.09	22.82	23.23
	6H	22.04	22.73	22.49	23.15	23.60	21.60	22.30	22.05	22.72	23.16
	8H	21.98	22.65	22.44	23.08	23.53	21.55	22.22	22.01	22.64	23.10
	12H	21.96	22.59	22.42	23.02	23.48	21.53	22.16	21.99	22.59	23.06
4H	2H	22.07	22.83	22.51	23.23	23.64	21.63	22.39	22.06	22.78	23.20
	3H	21.84	22.48	22.30	22.91	23.38	21.40	22.04	21.86	22.48	22.94
	4H	21.79	22.34	22.26	22.80	23.30	21.35	21.91	21.83	22.37	22.86
	6H	21.70	22.19	22.21	22.68	23.17	21.27	21.76	21.78	22.25	22.74
	8H	21.69	22.14	22.21	22.63	23.15	21.26	21.72	21.78	22.21	22.73
	12H	21.71	22.13	22.24	22.62	23.18	21.30	21.72	21.83	22.21	22.77
8H	4H	21.60	22.05	22.12	22.54	23.06	21.17	21.62	21.69	22.11	22.63
	6H	21.52	21.89	22.06	22.41	22.96	21.10	21.47	21.64	21.98	22.54
	8H	21.59	21.90	22.15	22.45	22.99	21.17	21.48	21.74	22.04	22.58
	12H	21.67	21.90	22.24	22.45	23.02	21.27	21.51	21.85	22.06	22.62
12H	4H	21.55	21.97	22.07	22.45	23.02	21.12	21.54	21.64	22.02	22.59
	6H	21.52	21.83	22.09	22.39	22.93	21.10	21.41	21.67	21.97	22.51
	8H	21.56	21.80	22.14	22.35	22.92	21.16	21.39	21.73	21.94	22.51

Variation with the observer position at spacings:		
S = 1.0H	5.0/-10.5	5.0/-10.5
S = 1.5H	7.6/-8.5	7.6/-8.5
S = 2.0H	9.4/-7.2	9.4/-7.2
Standard tables:	BK1	BK1
Uncorrected UGR	0.8	0.8

依据CIE Publ. 117 计算 UGR，S/H = 0.25