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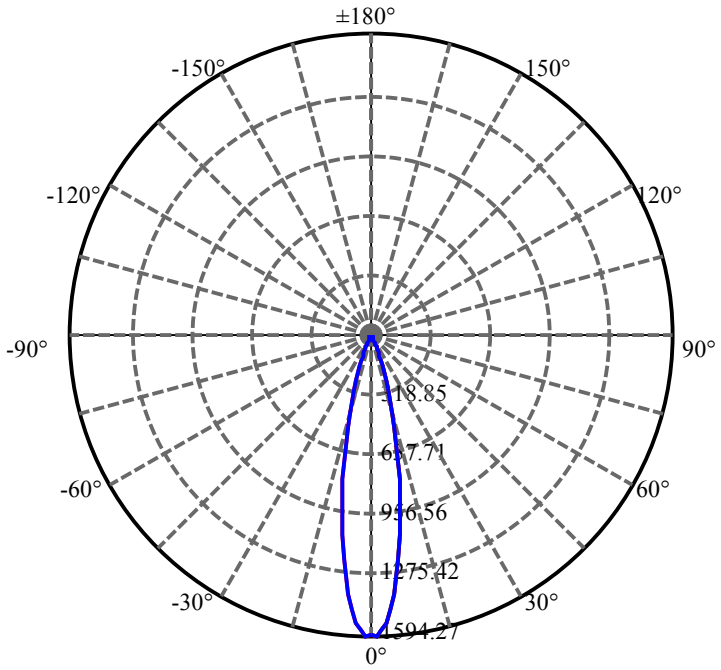
LumCAT:
Luminaire: no frame concentra flex 8 serie 3 e fc
LampCAT: modulo led 3W 30K irc 90
Ballast type: led driver 350mA

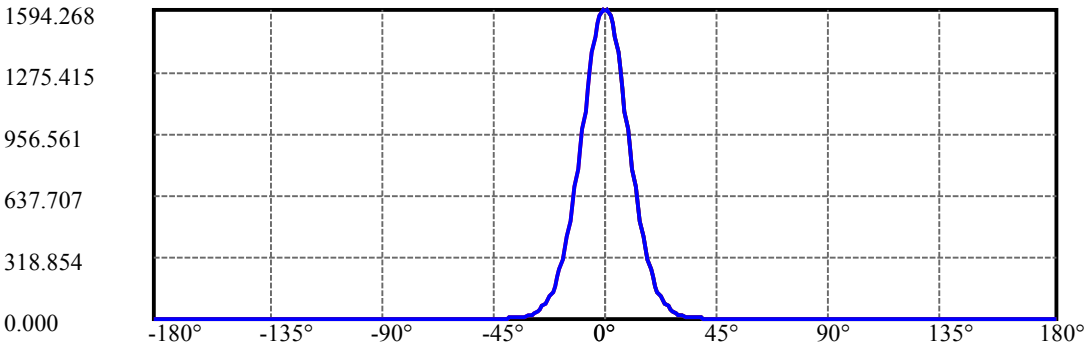
Report No:	Voltage(V): 127.9200
Test No:	Current(A): 0.0630
Number of Lamps: 1	Power (W): 3.7970
Lamp flux(lm): 395.0	PF: 0.4700
Length(mm): 70	Width(mm): 17
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 287.03, Efficiency(%): 72.67% , Luminous Efficacy(lm/W): 75.59
Central intensity(cd): 1581.604, Maximum intensity(cd): 1594.268
Angle of maximum intensity: C=0.0 γ=1.0
Beam angle of C0 plane : 21.62
Aveage BeamAngle(IEC 61341):21.62

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

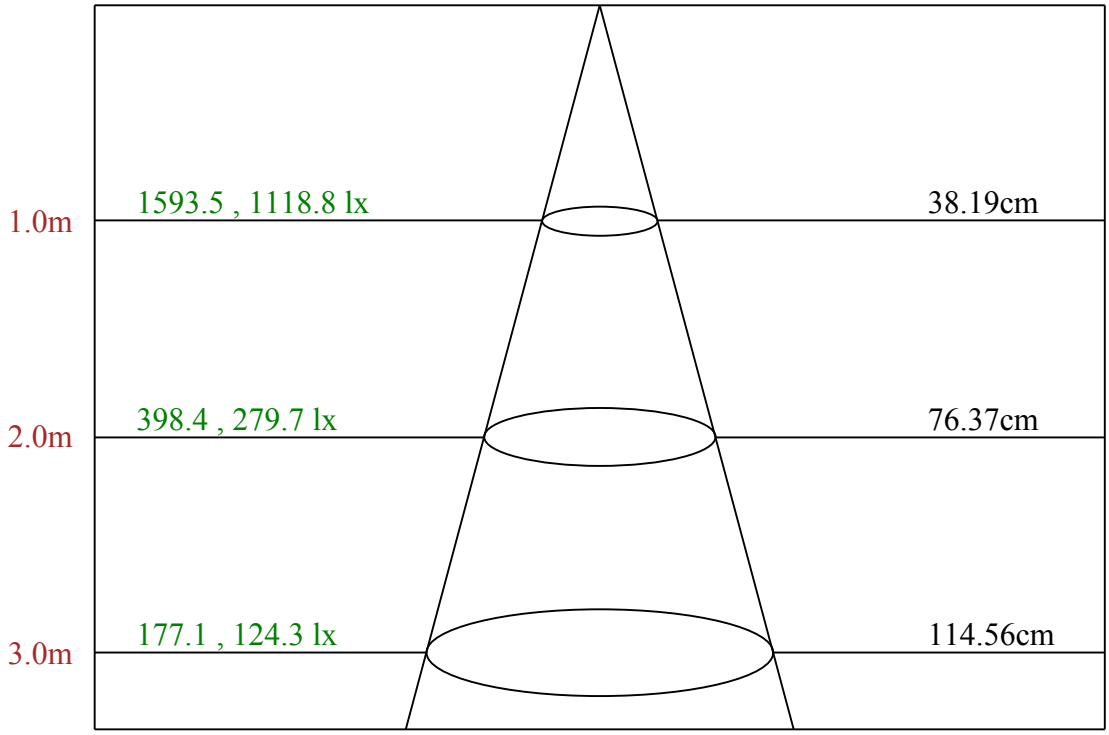
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 14/05/2025
Humidity(%): 60.0%

Operator: 01
Distance(m): 6.90

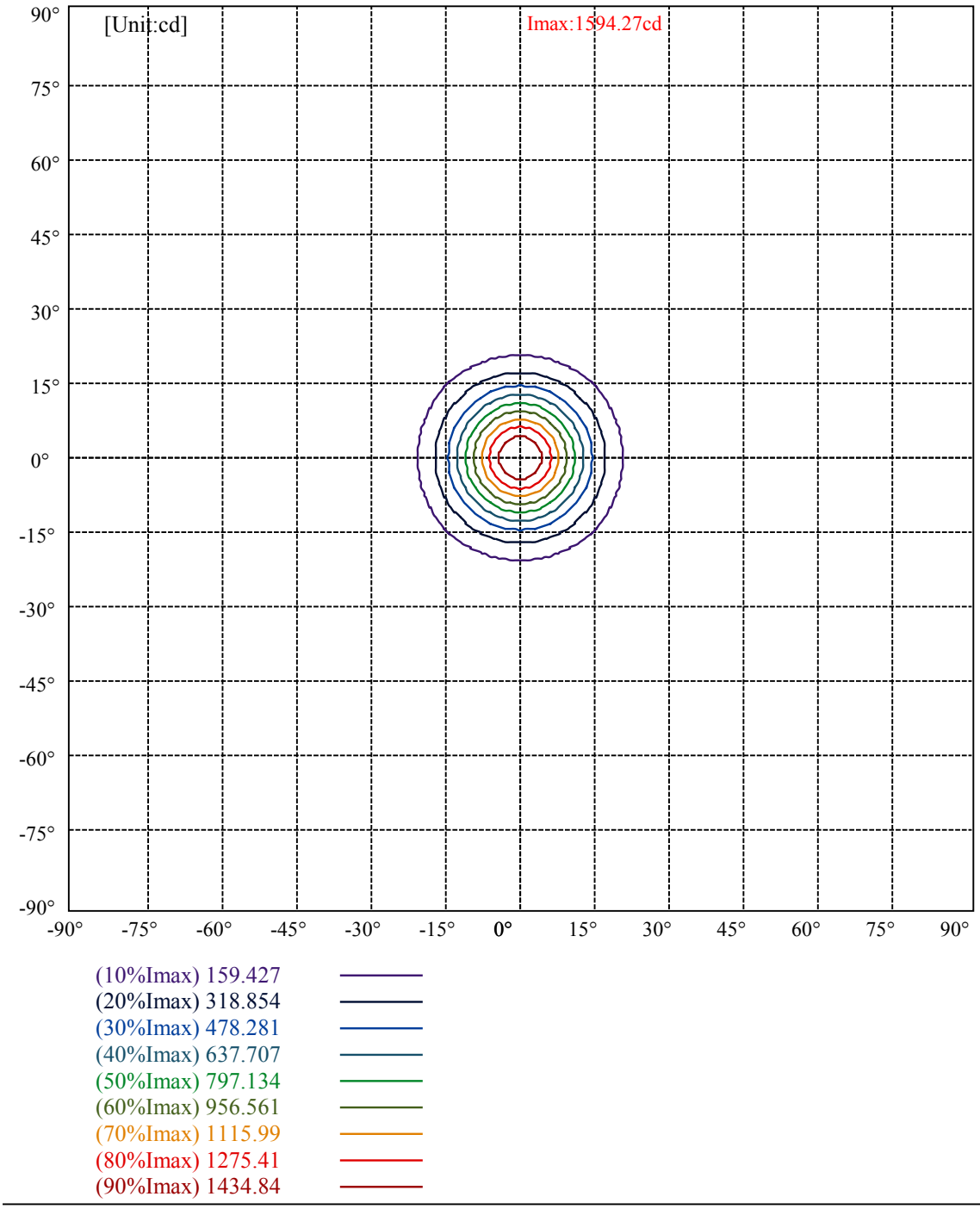
Lux distance Curve



Max , Ave

Beam angle of C0 plane 21.62

ISO-Intensity(V-H)



(10%Imax) 159.427
(20%Imax) 318.854
(30%Imax) 478.281
(40%Imax) 637.707
(50%Imax) 797.134
(60%Imax) 956.561
(70%Imax) 1115.99
(80%Imax) 1275.41
(90%Imax) 1434.84

Equipment: equipamento lumini
Temperature(°C): 25.5
Date: 14/05/2025
Humidity(%): 60.0%
Operator: 01
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

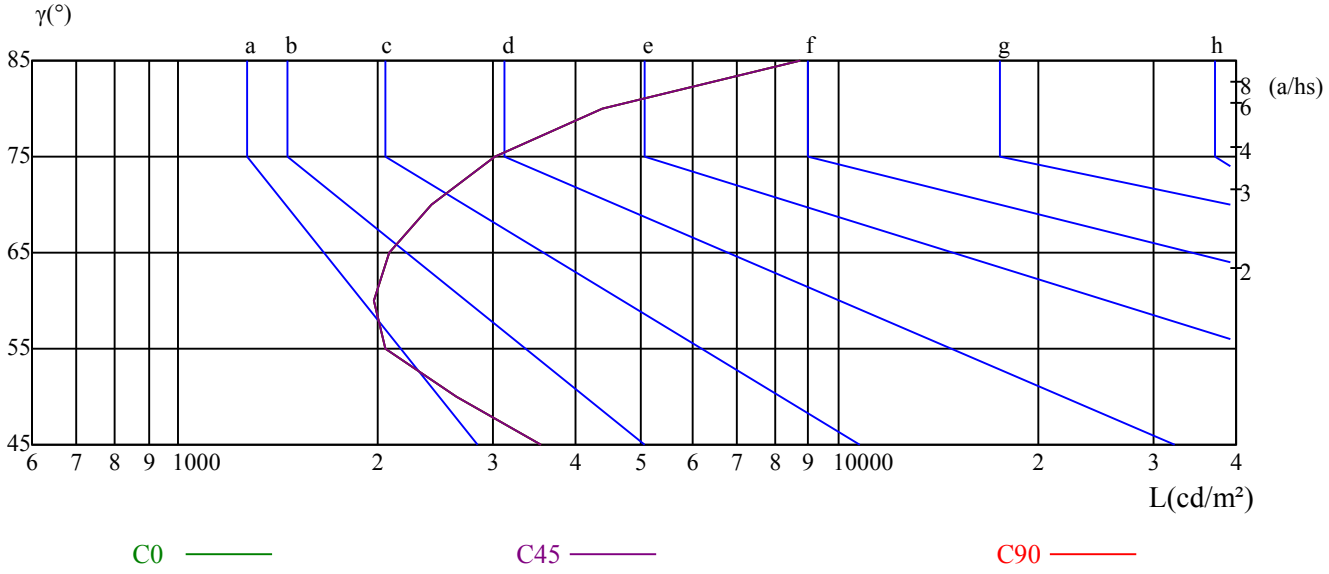
γ	45	50	55	60	65	70	75	80	85
C0	3550	2638	2058	1980	2083	2413	3014	4378	8722
C45	3550	2638	2058	1980	2083	2413	3014	4378	8722
C90	3550	2638	2058	1980	2083	2413	3014	4378	8722

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2083	2083	2083	3014	3014	3014	8722	8722	8722

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	6.34	7.23	6.74	7.59	7.96	7.18	8.07	7.58	8.43	8.80
	3H	7.41	8.20	7.84	8.59	8.99	8.04	8.84	8.47	9.22	9.62
	4H	8.31	9.05	8.75	9.45	9.87	8.77	9.51	9.22	9.91	10.33
	6H	9.51	10.19	9.97	10.61	11.06	9.83	10.50	10.29	10.92	11.37
	8H	10.34	10.98	10.80	11.41	11.86	10.49	11.13	10.95	11.56	12.02
	12H	11.29	11.89	11.75	12.33	12.80	11.40	12.01	11.87	12.44	12.91
4H	2H	6.53	7.26	6.97	7.66	8.08	7.26	8.00	7.70	8.40	8.82
	3H	7.93	8.55	8.39	8.98	9.45	8.43	9.05	8.89	9.48	9.95
	4H	9.15	9.68	9.62	10.15	10.64	9.47	10.00	9.95	10.47	10.97
	6H	10.59	11.06	11.10	11.56	12.06	10.79	11.26	11.30	11.75	12.26
	8H	11.60	12.04	12.12	12.53	13.06	11.65	12.08	12.17	12.58	13.10
	12H	12.75	13.15	13.27	13.64	14.21	12.78	13.18	13.30	13.67	14.24
8H	4H	9.58	10.02	10.11	10.52	11.04	9.85	10.29	10.37	10.78	11.31
	6H	11.33	11.69	11.88	12.21	12.77	11.48	11.84	12.02	12.35	12.91
	8H	12.60	12.90	13.17	13.46	14.00	12.61	12.90	13.18	13.46	14.01
	12H	14.00	14.23	14.58	14.78	15.35	14.00	14.22	14.58	14.78	15.35
12H	4H	9.71	10.11	10.24	10.61	11.18	9.97	10.37	10.50	10.86	11.43
	6H	11.63	11.93	12.20	12.49	13.03	11.77	12.06	12.34	12.62	13.17
	8H	12.98	13.20	13.56	13.76	14.33	12.98	13.20	13.56	13.76	14.33
Variation with the observer position at spacings:											
S = 1.0H		1.3/-1.1					1.3/-1.1				
S = 1.5H		1.5/-1.2					1.5/-1.2				
S = 2.0H		1.7/-1.2					1.7/-1.2				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-4.6					-4.6				

依据CIE Publ. 117 计算 UGR，S/H = 0.25