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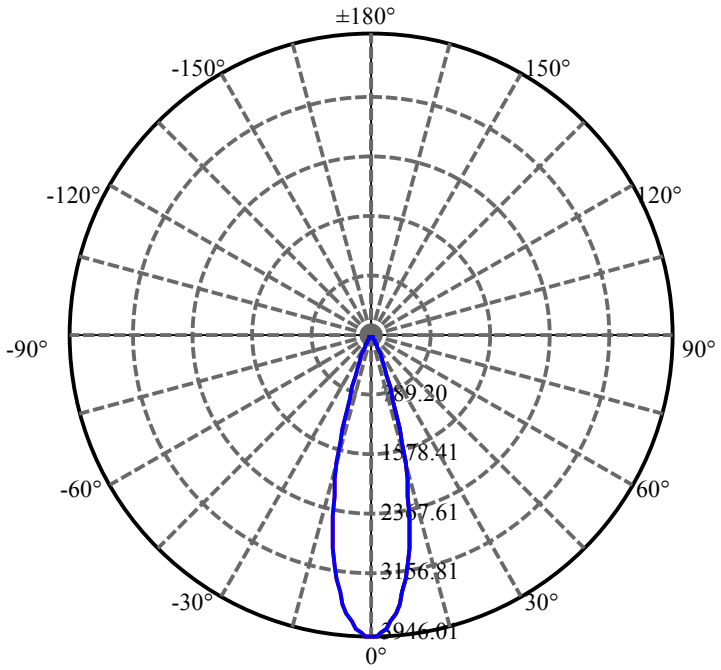
LumCAT:
Luminaire: no frame concentra flex 17 serie 3 e fm
LampCAT: modulo led 12W 30K irc 90
Ballast type: led driver 700mA

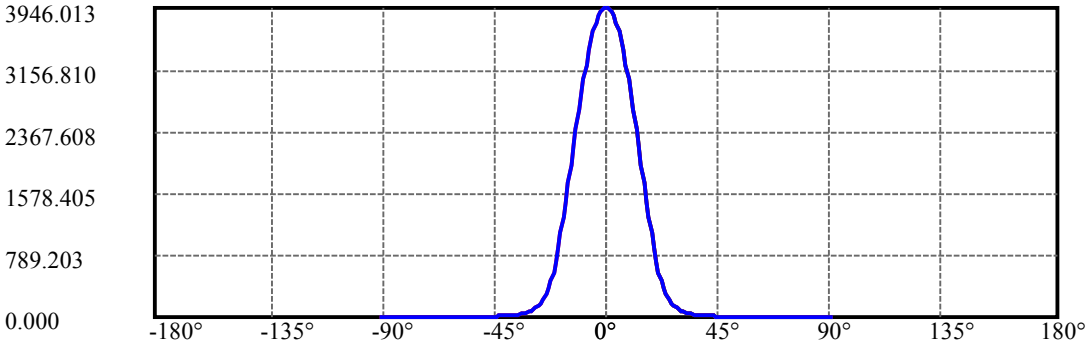
Report No:	Voltage(V): 220.0000
Test No:	Current(A): 0.0640
Number of Lamps: 1	Power (W): 13.9900
Lamp flux(lm): 1290.0	PF: 0.9700
Length(mm): 150	Width(mm): 17
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 950.81, Efficiency(%): 73.71% , Luminous Efficacy(lm/W): 67.96
Central intensity(cd): 3946.013, Maximum intensity(cd): 3946.013
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 27.69
Aveage BeamAngle(IEC 61341):27.69

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

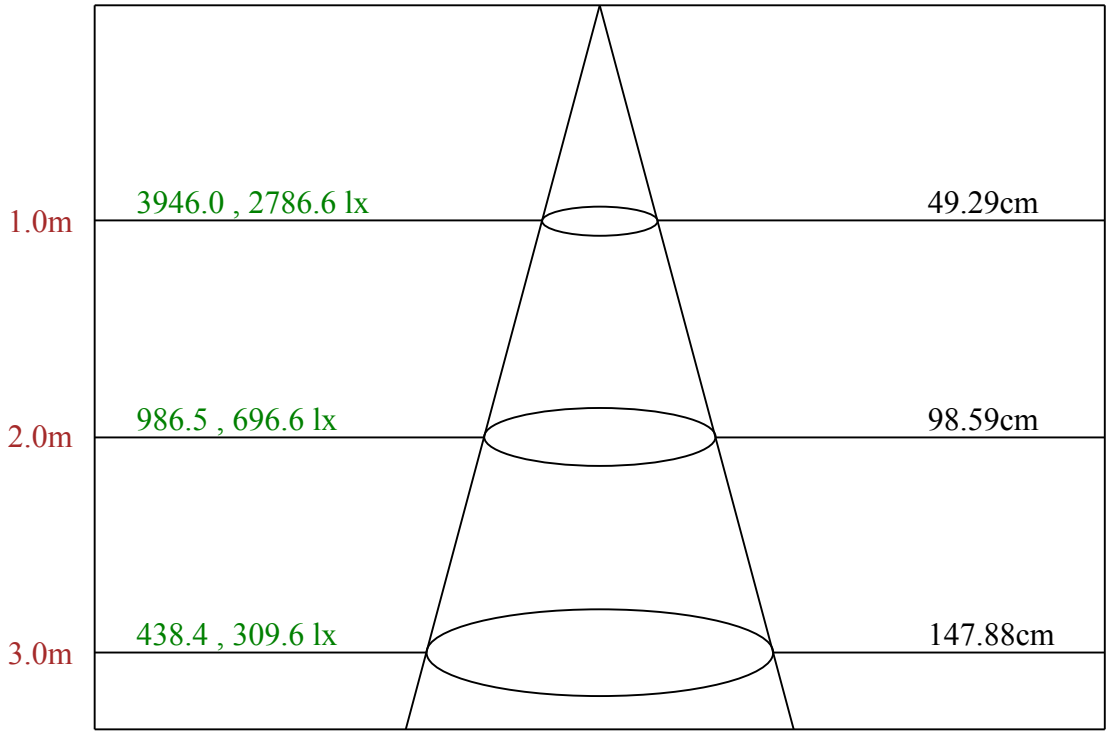
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 8/5/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

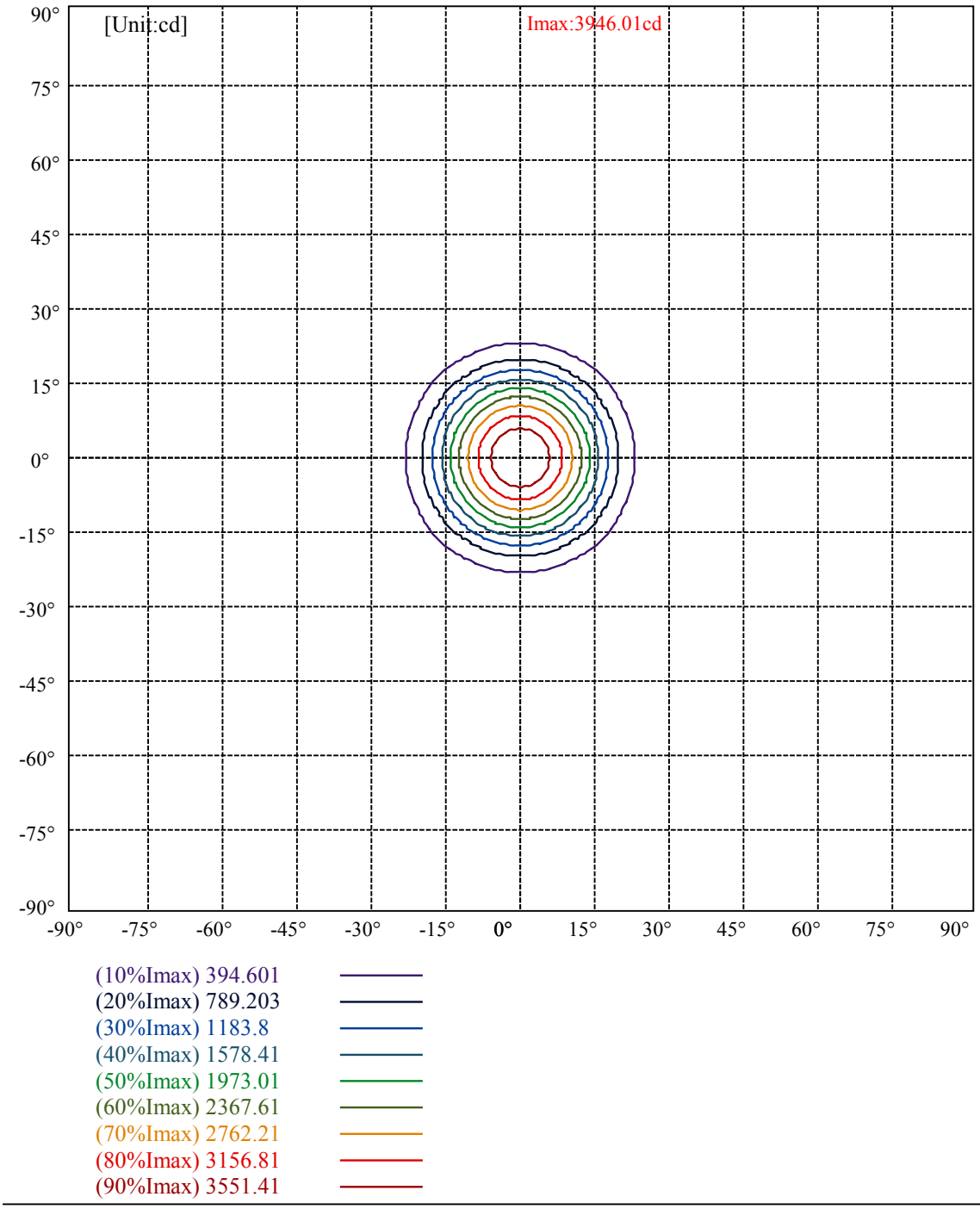
Lux distance Curve



Max , Ave

Beam angle of C0 plane 27.69

ISO-Intensity(V-H)



(10%Imax) 394.601
(20%Imax) 789.203
(30%Imax) 1183.8
(40%Imax) 1578.41
(50%Imax) 1973.01
(60%Imax) 2367.61
(70%Imax) 2762.21
(80%Imax) 3156.81
(90%Imax) 3551.41

Equipment: equipamento lumini
Temperature(°C): 25.5
Date: 8/5/2024
Humidity(%): 55.0%
Operator: 01
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

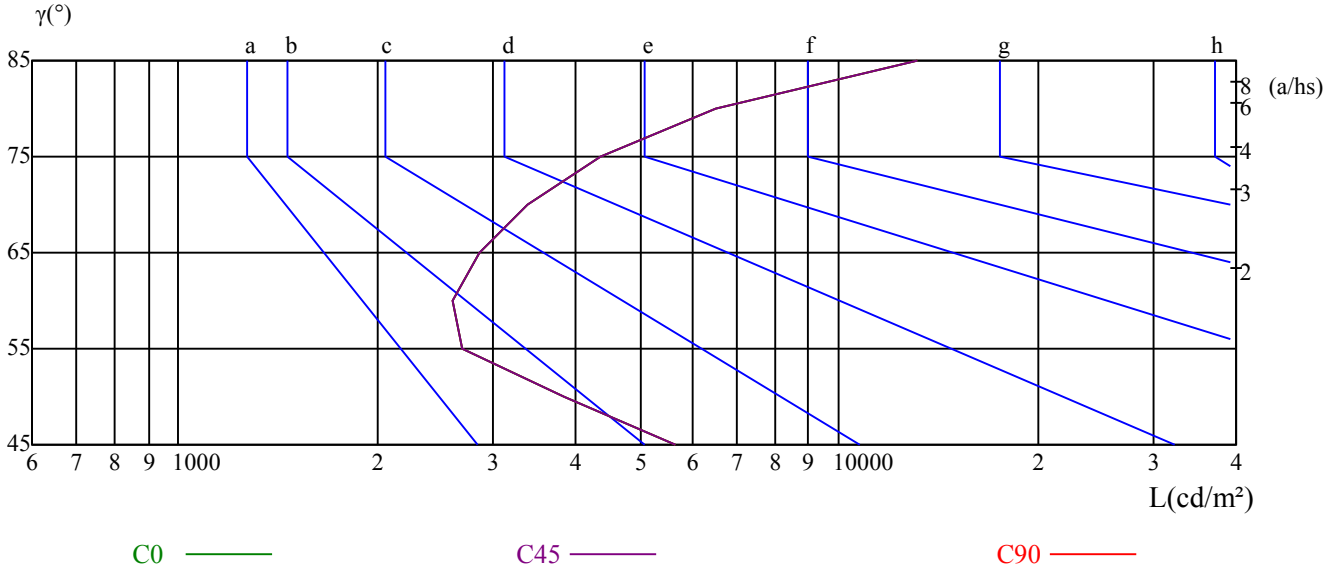
γ	45	50	55	60	65	70	75	80	85
C0	5650	3827	2694	2595	2850	3371	4364	6505	13121
C45	5650	3827	2694	2595	2850	3371	4364	6505	13121
C90	5650	3827	2694	2595	2850	3371	4364	6505	13121

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2850	2850	2850	4364	4364	4364	13121	13121	13121

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	8.05	8.96	8.41	9.27	9.58	8.35	9.26	8.72	9.58	9.89
	3H	8.88	9.69	9.26	10.02	10.37	9.05	9.86	9.44	10.20	10.55
	4H	9.66	10.40	10.06	10.76	11.13	9.72	10.47	10.12	10.82	11.19
	6H	10.88	11.57	11.30	11.94	12.34	10.81	11.50	11.23	11.87	12.27
	8H	11.69	12.34	12.12	12.73	13.14	11.55	12.20	11.97	12.59	12.99
	12H	12.70	13.32	13.13	13.71	14.13	12.49	13.11	12.92	13.50	13.92
4H	2H	8.07	8.82	8.47	9.18	9.54	8.35	9.10	8.75	9.45	9.82
	3H	9.23	9.86	9.65	10.25	10.67	9.36	9.99	9.78	10.38	10.80
	4H	10.34	10.89	10.78	11.31	11.76	10.35	10.90	10.79	11.32	11.77
	6H	11.87	12.35	12.35	12.81	13.26	11.75	12.23	12.23	12.69	13.14
	8H	12.89	13.33	13.38	13.79	14.27	12.71	13.15	13.19	13.61	14.08
	12H	14.12	14.52	14.61	14.98	15.50	13.88	14.29	14.37	14.74	15.26
8H	4H	10.75	11.19	11.24	11.65	12.13	10.76	11.20	11.24	11.66	12.14
	6H	12.61	12.97	13.12	13.45	13.97	12.50	12.86	13.01	13.34	13.85
	8H	13.90	14.20	14.43	14.72	15.22	13.72	14.02	14.26	14.55	15.05
	12H	15.39	15.61	15.93	16.13	16.66	15.16	15.39	15.71	15.91	16.43
12H	4H	10.89	11.29	11.38	11.75	12.27	10.90	11.31	11.39	11.76	12.28
	6H	12.92	13.22	13.45	13.74	14.24	12.82	13.12	13.35	13.64	14.14
	8H	14.29	14.52	14.83	15.03	15.56	14.13	14.36	14.68	14.87	15.40
Variation with the observer position at spacings:											
S = 1.0H		2.5/-1.7					2.5/-1.7				
S = 1.5H		3.0/-1.6					3.0/-1.6				
S = 2.0H		3.3/-1.4					3.3/-1.4				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-2.8					-2.8				

依据CIE Publ. 117 计算 UGR，S/H = 0.25