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Address:Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

LumCAT:

Luminaire: cubo c

LampCAT: modulo led tr 12W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1020

Number of Lamps: 1

Power (W): 12.0000

Lamp flux(lm): 1240.0

PF: 0.9200

Length(mm): 95

Width(mm): 95

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 558.09, Efficiency(%): 45.01% , Luminous Efficacy(lm/W): 46.51

Central intensity(cd): 303.335, Maximum intensity(cd): 303.335

Angle of maximum intensity: C=0.0 γ =0.0

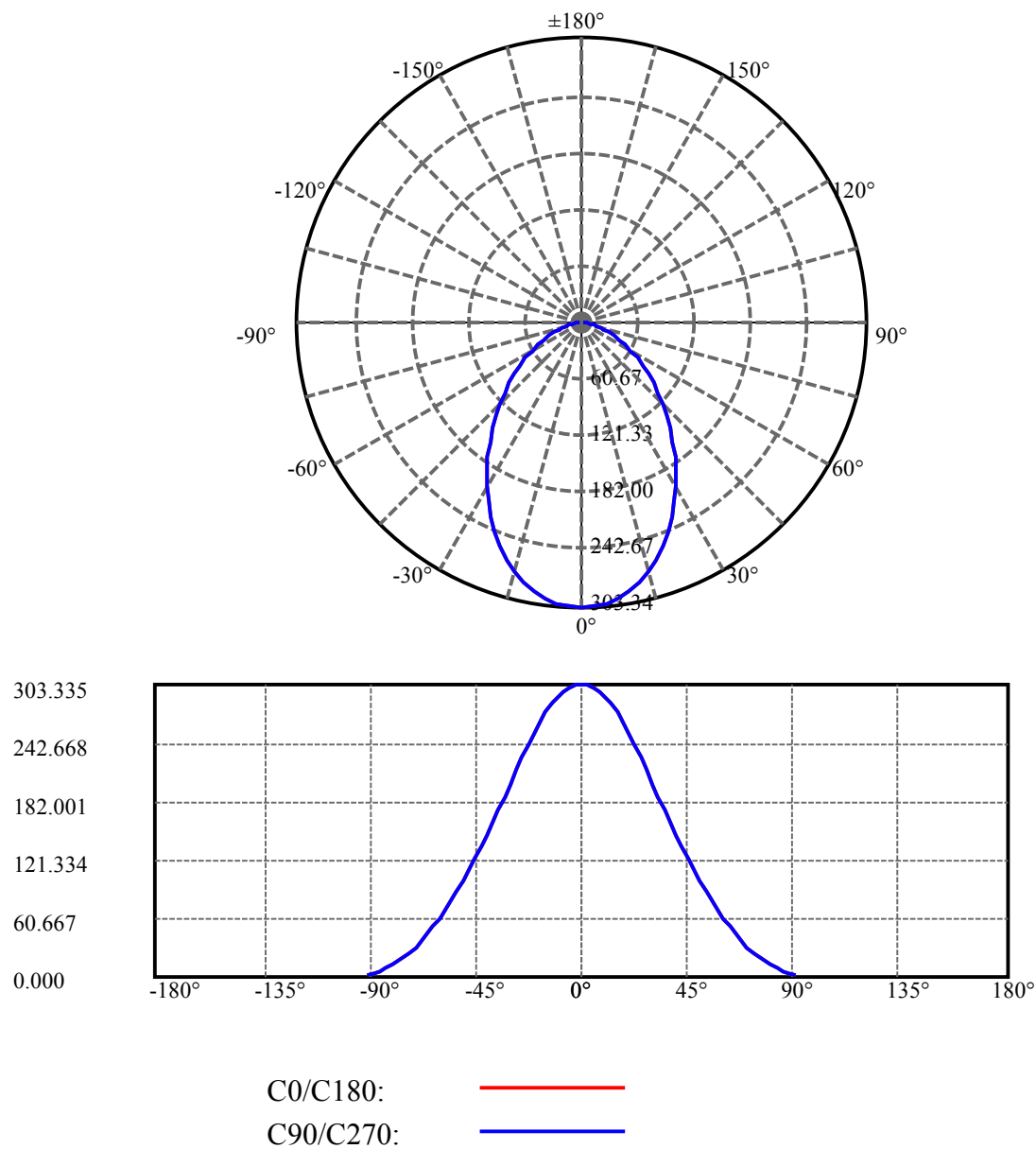
Beam angle of C0 plane : 78.43

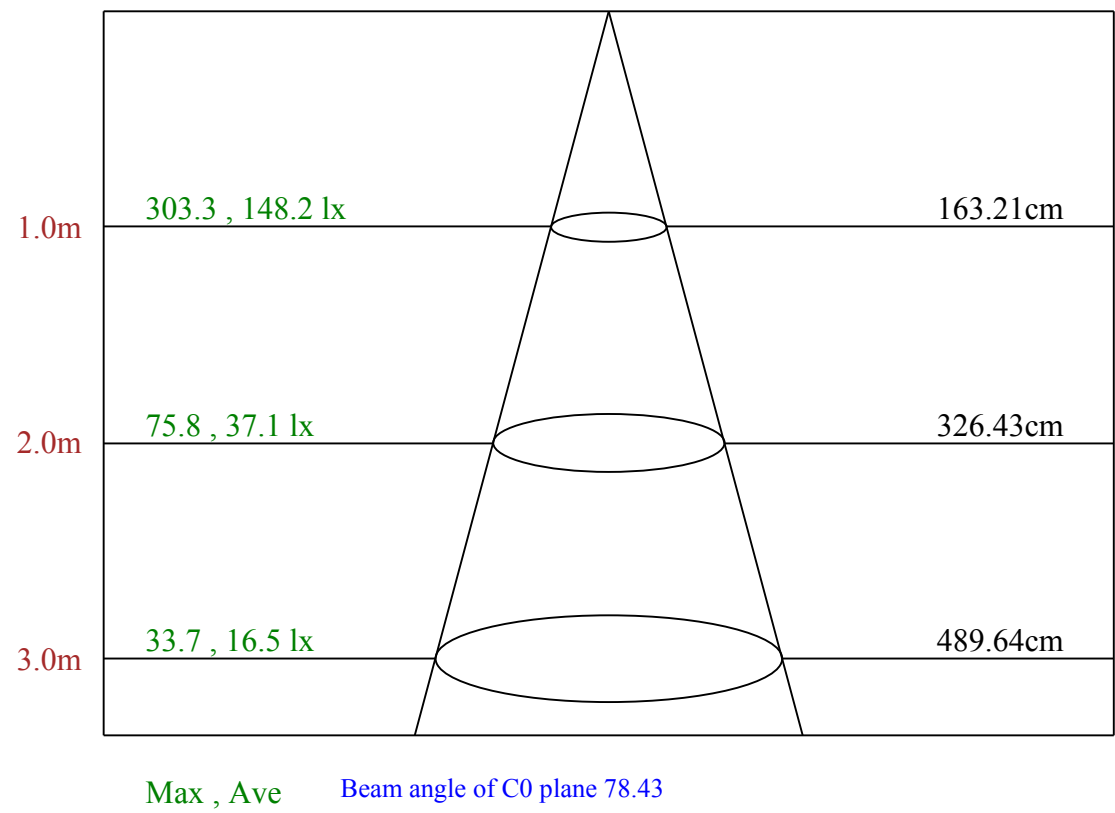
Aveage BeamAngle(IEC 61341):78.43

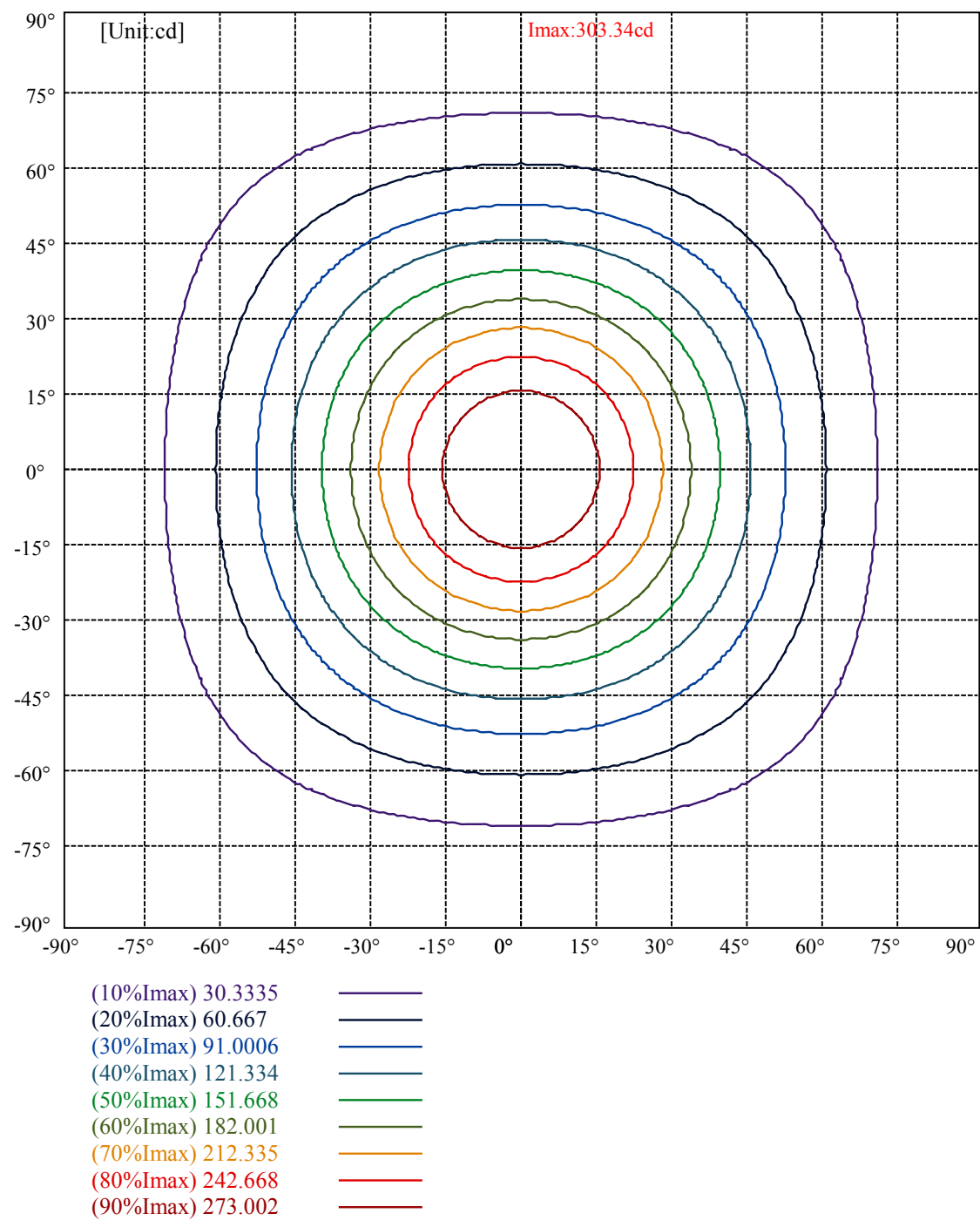
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 5/20/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90







Luminance Limiting Curve(no luminous side)

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Luminance Table

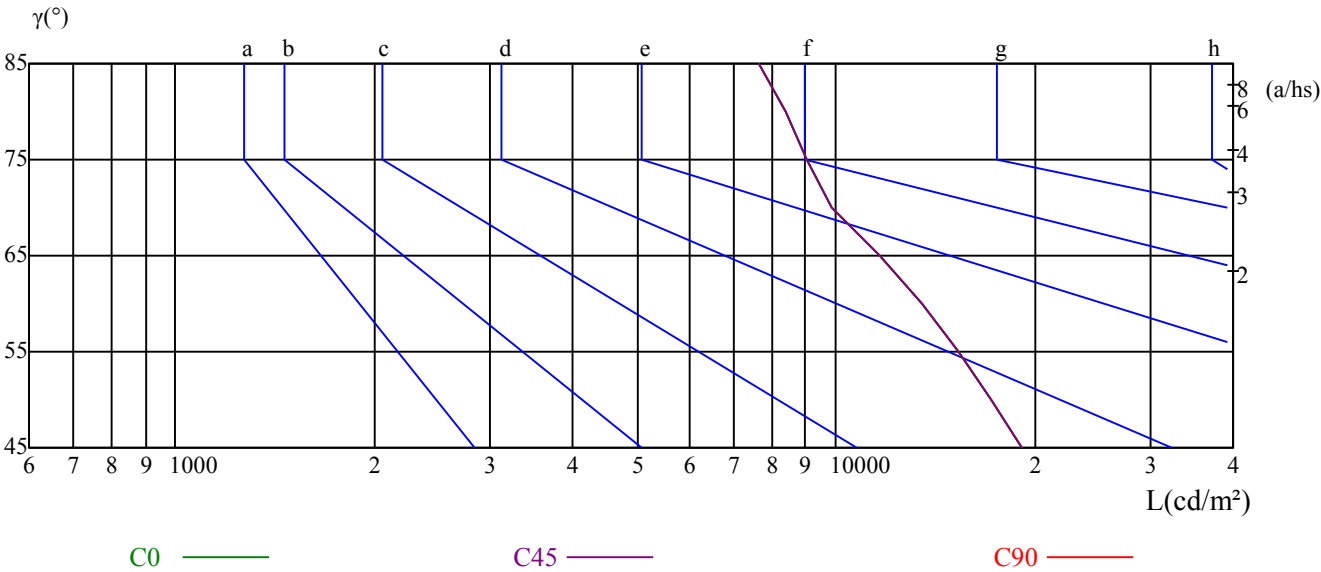
γ	45	50	55	60	65	70	75	80	85
C0	19163	17230	15308	13488	11659	9858	9050	8385	7657
C45	19163	17230	15308	13488	11659	9858	9050	8385	7657
C90	19163	17230	15308	13488	11659	9858	9050	8385	7657

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
11659	11659	11659	9050	9050	9050	7657	7657	7657

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



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	22.22	23.70	22.58	24.01	24.32	22.19	23.67	22.55	23.98	24.30
	3H	23.22	24.55	23.60	24.89	25.23	23.32	24.65	23.70	24.99	25.33
	4H	23.58	24.82	23.97	25.17	25.54	23.71	24.96	24.11	25.31	25.67
	6H	23.94	25.10	24.35	25.47	25.86	24.07	25.22	24.47	25.59	25.98
	8H	24.07	25.18	24.48	25.56	25.96	24.18	25.29	24.59	25.67	26.07
	12H	24.17	25.23	24.59	25.62	26.03	24.27	25.33	24.69	25.72	26.13
4H	2H	22.74	23.98	23.13	24.33	24.70	22.72	23.96	23.11	24.31	24.68
	3H	23.89	24.94	24.31	25.33	25.74	23.99	25.04	24.41	25.43	25.84
	4H	24.42	25.34	24.85	25.76	26.20	24.55	25.47	24.98	25.89	26.33
	6H	24.87	25.69	25.33	26.14	26.58	24.98	25.81	25.45	26.25	26.69
	8H	25.08	25.85	25.56	26.30	26.76	25.18	25.95	25.66	26.40	26.86
	12H	25.26	25.97	25.74	26.42	26.92	25.35	26.06	25.83	26.50	27.01
8H	4H	24.62	25.39	25.09	25.83	26.30	24.73	25.50	25.21	25.95	26.41
	6H	25.21	25.86	25.71	26.32	26.82	25.31	25.95	25.80	26.42	26.92
	8H	25.57	26.13	26.08	26.64	27.12	25.65	26.21	26.16	26.72	27.20
	12H	25.84	26.31	26.37	26.82	27.33	25.91	26.38	26.43	26.89	27.40
12H	4H	24.64	25.35	25.12	25.79	26.30	24.75	25.46	25.23	25.91	26.41
	6H	25.33	25.89	25.84	26.40	26.88	25.42	25.98	25.93	26.49	26.98
	8H	25.69	26.16	26.21	26.67	27.18	25.76	26.23	26.29	26.74	27.25
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.5					0.3/-0.5				
S = 1.5H		0.7/-1.0					0.7/-1.0				
S = 2.0H		1.5/-1.4					1.5/-1.4				
Standard tables:		BK3					BK3				
Uncorrected UGR		6.2					6.2				

依据CIE Publ. 117 计算 UGR, S/H = 0.25