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LumCAT:

Luminaire: mini track concentra flex 17 serie 3 e fa

LampCAT: modulo led 8W 30K irc 90

Ballast type:

Report No:

Voltage(V): 220.0000

Test No:

Current(A): 0.1160

Number of Lamps: 1

Power (W): 10.0000

Lamp flux(lm): 715.0

PF: 0.3800

Length(mm): 145

Width(mm): 20

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 484.66, Efficiency(%): 67.78% , Luminous Efficacy(lm/W): 48.47

Central intensity(cd): 692.535, Maximum intensity(cd): 701.248

Angle of maximum intensity: C=0.0 γ =7.0

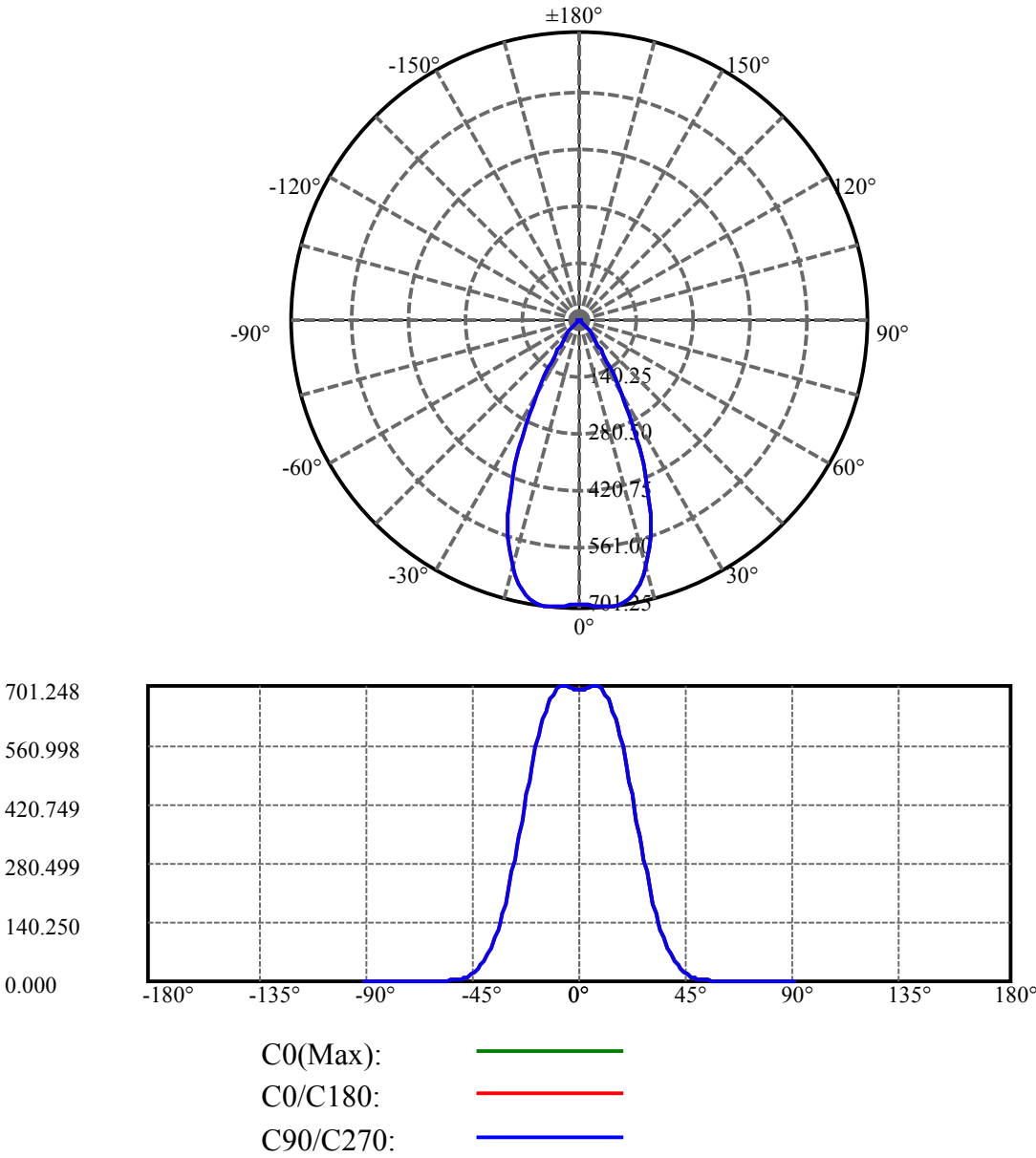
Beam angle of C0 plane : 49.96

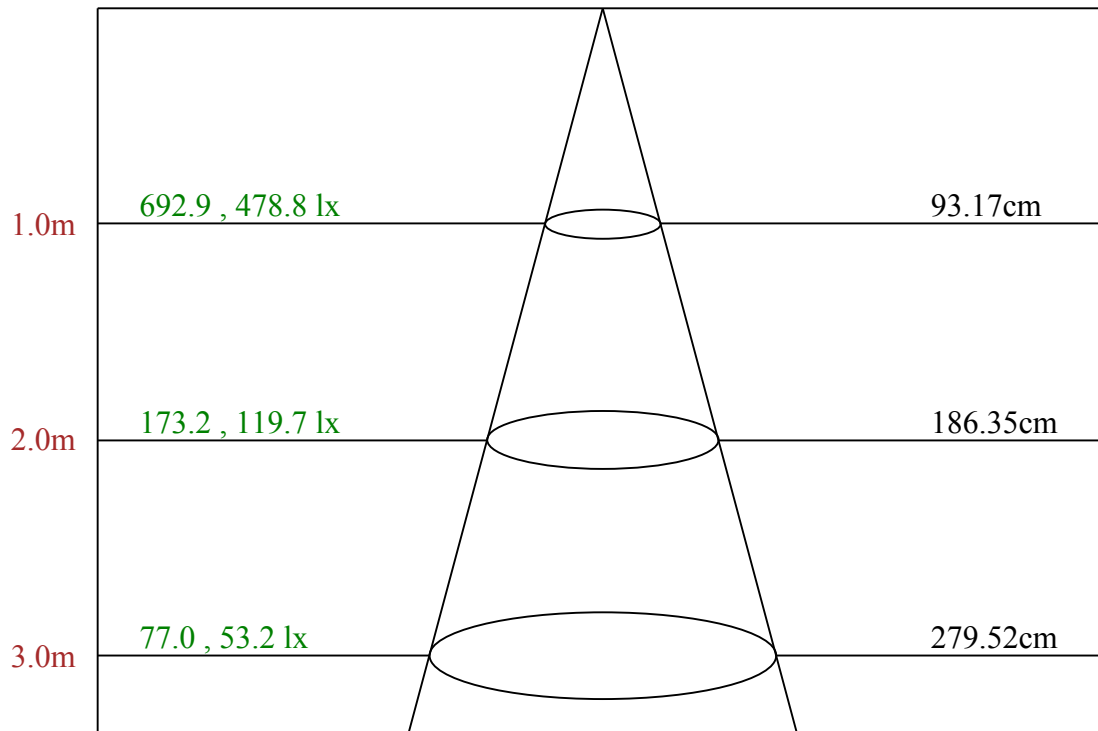
Aveage BeamAngle(IEC 61341):49.96

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 8/2/2024
Humidity(%): 55.0%

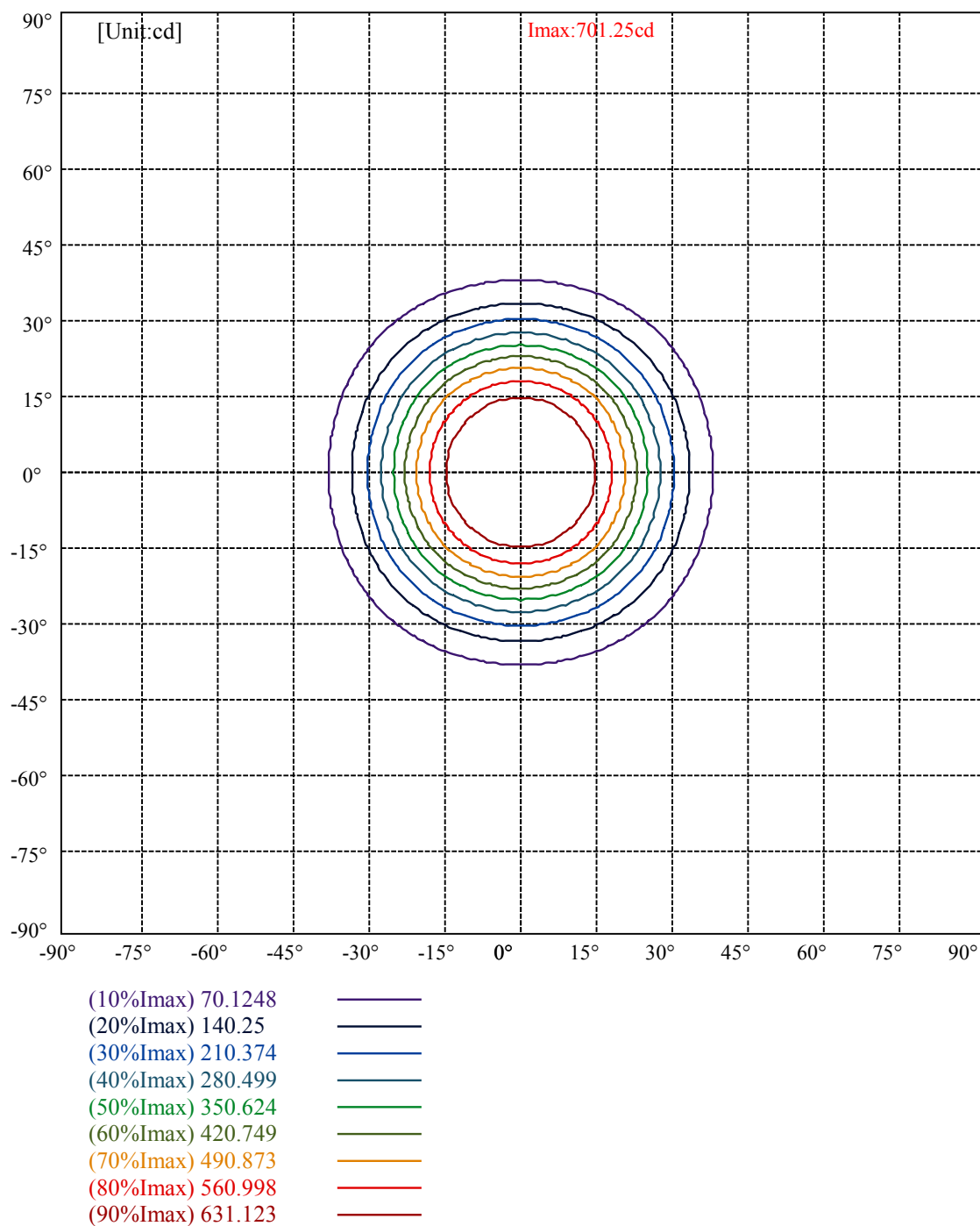
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 49.96



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Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	7615	2037	1216	1125	1136	1296	1665	2434	4850
C45	7615	2037	1216	1125	1136	1296	1665	2434	4850
C90	7615	2037	1216	1125	1136	1296	1665	2434	4850

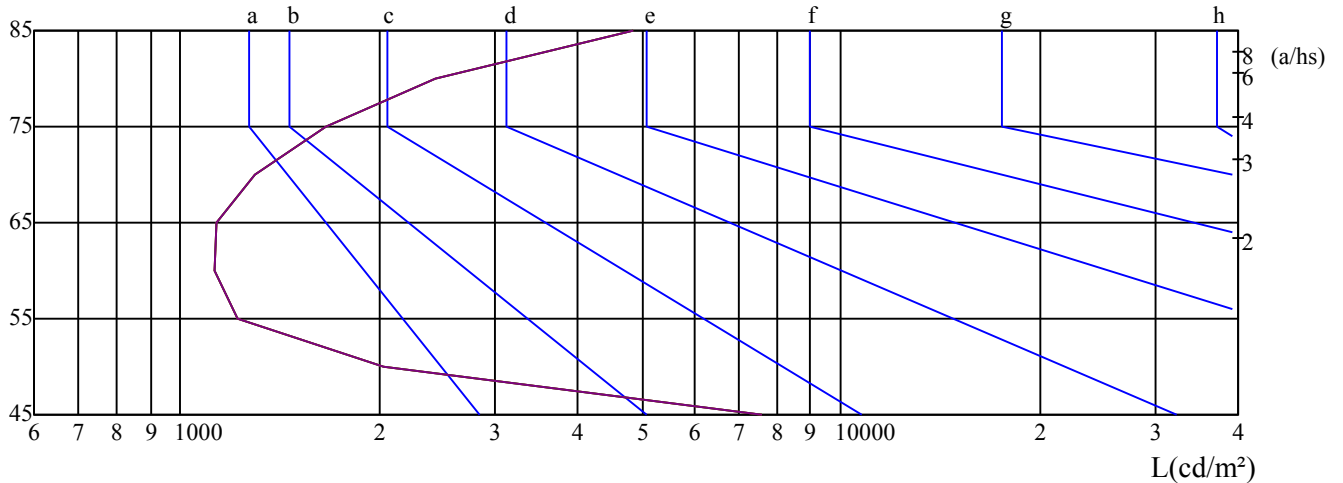
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1136	1136	1136	1665	1665	1665	4850	4850	4850

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

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

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	15.70	16.64	16.07	16.95	17.27	15.65	16.58	16.01	16.90	17.21
	3H	15.53	16.36	15.92	16.70	17.04	15.48	16.31	15.86	16.64	16.99
	4H	15.46	16.23	15.86	16.59	16.95	15.41	16.18	15.81	16.54	16.90
	6H	15.45	16.15	15.87	16.53	16.93	15.41	16.11	15.83	16.49	16.89
	8H	15.45	16.12	15.87	16.50	16.91	15.41	16.08	15.83	16.46	16.87
	12H	15.49	16.12	15.92	16.52	16.94	15.46	16.09	15.88	16.49	16.90
4H	2H	15.39	16.16	15.79	16.52	16.88	15.34	16.11	15.74	16.46	16.83
	3H	15.20	15.84	15.63	16.24	16.66	15.15	15.79	15.57	16.19	16.60
	4H	15.19	15.75	15.63	16.17	16.62	15.14	15.70	15.58	16.12	16.57
	6H	15.19	15.68	15.67	16.14	16.59	15.15	15.64	15.63	16.10	16.55
	8H	15.26	15.72	15.75	16.17	16.65	15.23	15.68	15.72	16.14	16.62
	12H	15.42	15.84	15.91	16.29	16.81	15.40	15.81	15.89	16.27	16.79
8H	4H	15.03	15.49	15.52	15.95	16.42	14.99	15.44	15.47	15.90	16.37
	6H	15.10	15.47	15.60	15.95	16.46	15.06	15.43	15.57	15.91	16.42
	8H	15.29	15.60	15.82	16.12	16.62	15.26	15.57	15.80	16.09	16.59
	12H	15.58	15.82	16.12	16.33	16.86	15.57	15.80	16.11	16.32	16.84
12H	4H	15.00	15.41	15.49	15.87	16.39	14.95	15.37	15.44	15.82	16.34
	6H	15.13	15.44	15.66	15.96	16.46	15.09	15.40	15.63	15.92	16.42
	8H	15.33	15.56	15.87	16.08	16.60	15.30	15.54	15.85	16.05	16.58
Variation with the observer position at spacings:											
S = 1.0H		5.3/-10.2					5.3/-10.2				
S = 1.5H		7.9/-8.2					7.9/-8.2				
S = 2.0H		9.6/-6.8					9.6/-6.8				
Standard tables:		BK1					BK1				
Uncorrected UGR		-2.8					-2.8				

依据CIE Publ. 117 计算 UGR, S/H = 0.25