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LumCAT:

Luminaire: concentra flex 17 c serie 3 fc

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 220.0000

Test No:

Current(A): 0.0360

Number of Lamps: 1

Power (W): 7.4000

Lamp flux(lm): 715.0

PF: 0.9700

Length(mm): 145

Width(mm): 20

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 481.63, Efficiency(%): 67.36% , Luminous Efficacy(lm/W): 65.08

Central intensity(cd): 3418.017, Maximum intensity(cd): 3418.017

Angle of maximum intensity: C=0.0 γ =0.0

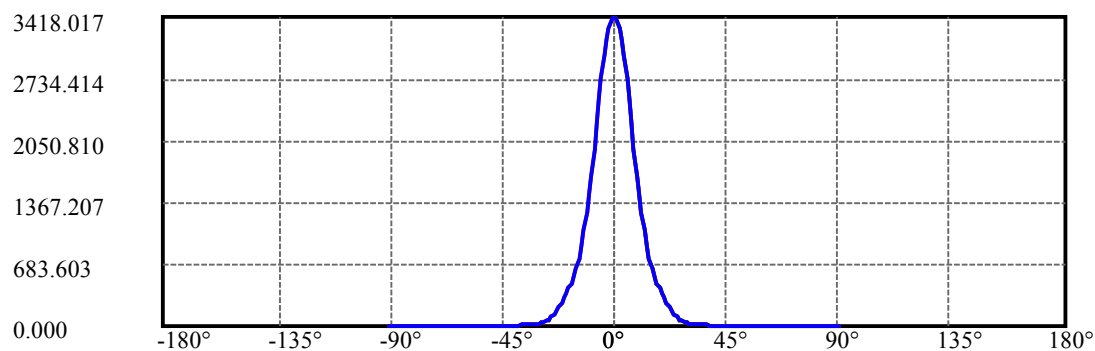
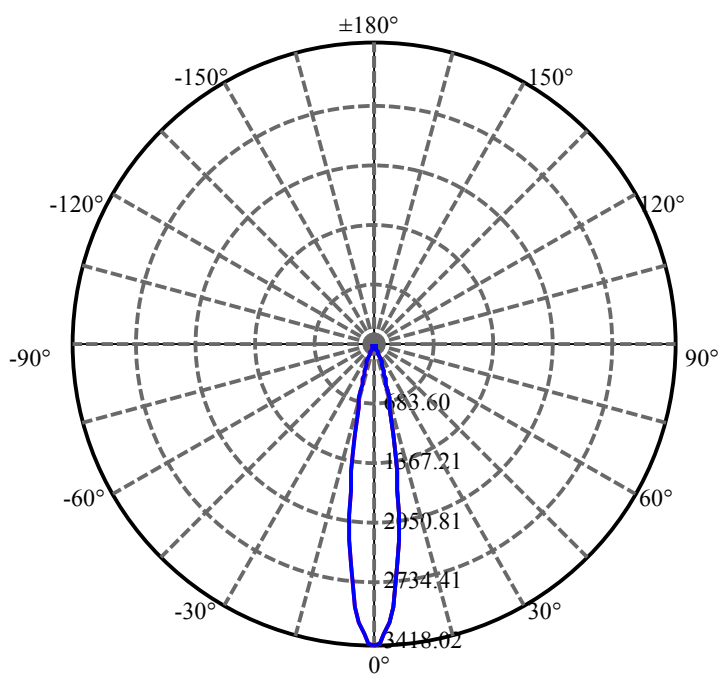
Beam angle of C0 plane : 17.70

Aveage BeamAngle(IEC 61341):17.70

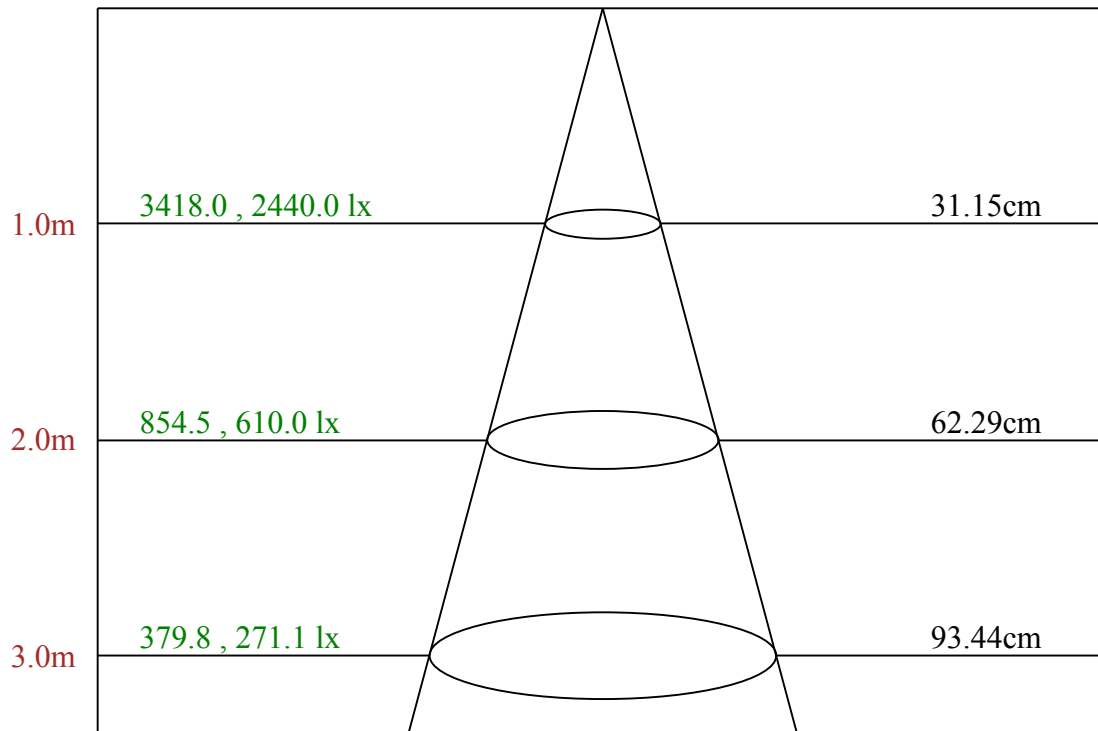
Equipment: equipamento lumini
Temperature(°C): 25.5

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

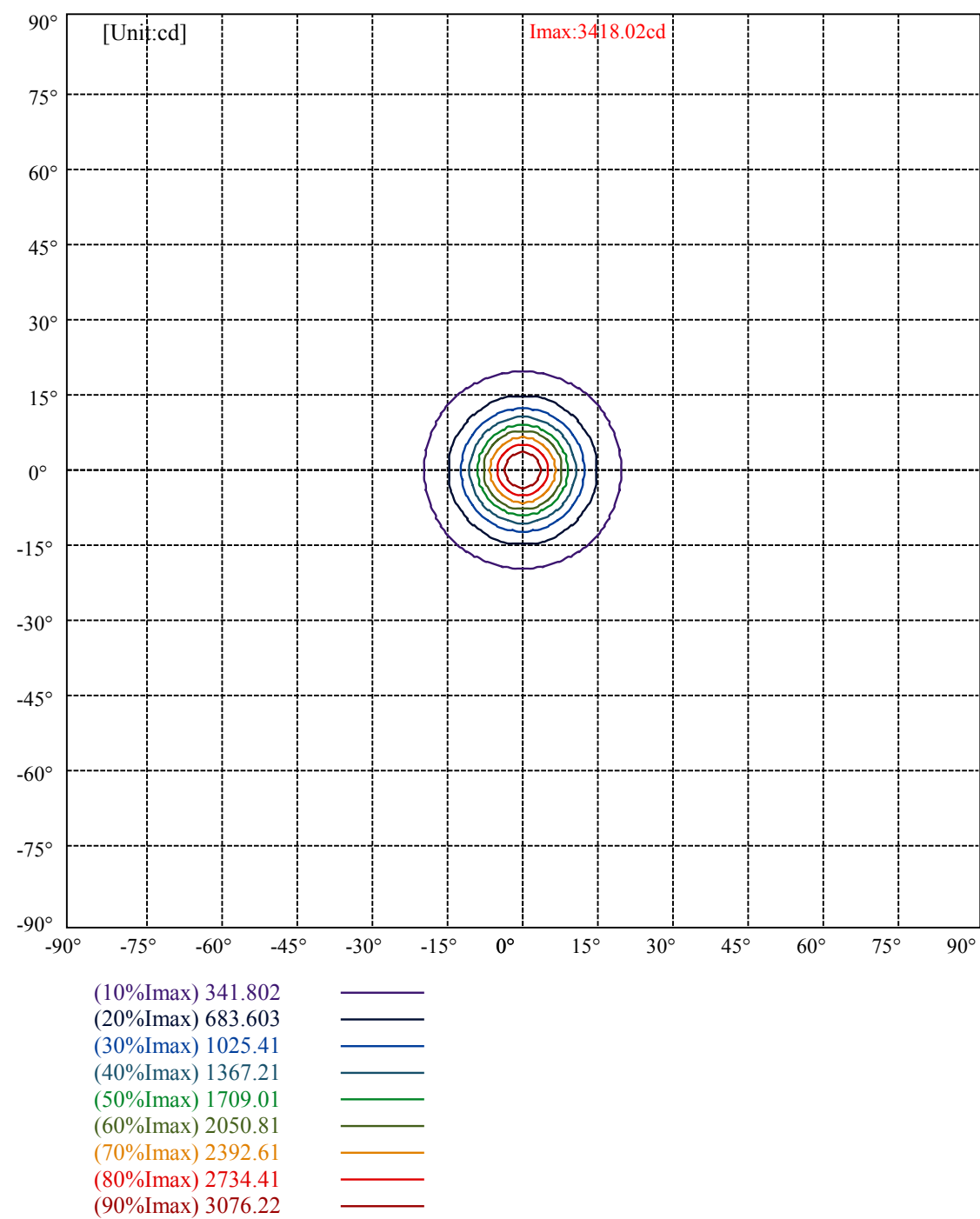
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 17.70



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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	2600	2056	1345	1248	1350	1608	1998	2978	5934
C45	2600	2056	1345	1248	1350	1608	1998	2978	5934
C90	2600	2056	1345	1248	1350	1608	1998	2978	5934

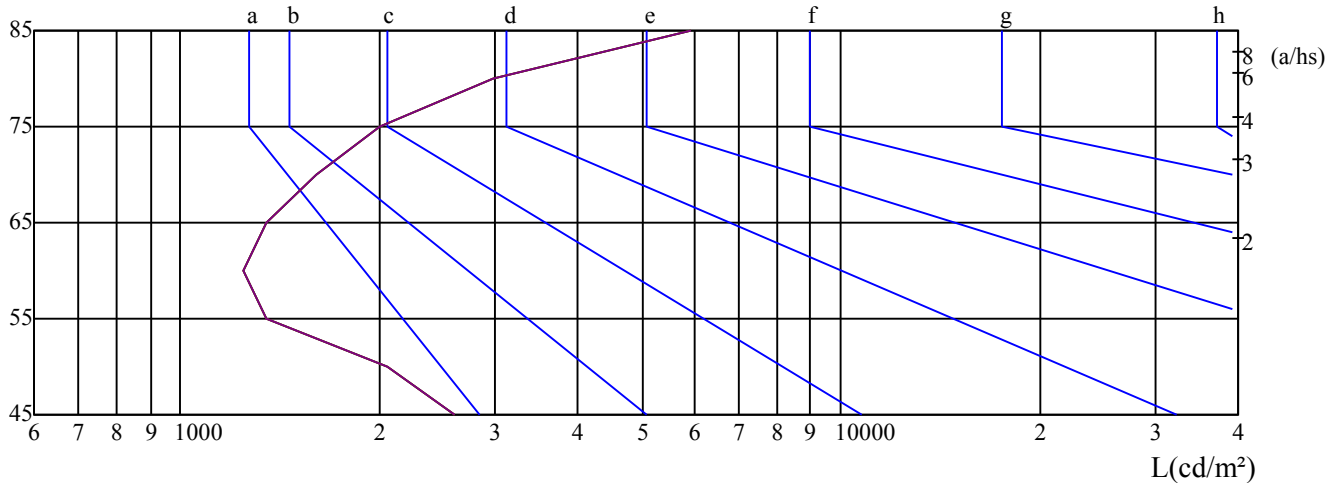
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1350	1350	1350	1998	1998	1998	5934	5934	5934

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 ———

Equipment: equipamento lumini
Temperature($^{\circ}$ C): 25.5

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

Operator: 01
Distance(m): 6.90

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	4.45	5.36	4.81	5.67	5.99	4.74	5.65	5.10	5.96	6.28
	3H	5.57	6.39	5.96	6.72	7.07	5.77	6.59	6.16	6.92	7.27
	4H	6.48	7.23	6.88	7.58	7.95	6.62	7.37	7.02	7.72	8.09
	6H	7.80	8.49	8.22	8.87	9.27	7.88	8.56	8.30	8.94	9.34
	8H	8.61	9.26	9.03	9.65	10.06	8.70	9.35	9.12	9.74	10.15
	12H	9.64	10.26	10.07	10.65	11.07	9.68	10.30	10.11	10.70	11.12
4H	2H	4.63	5.38	5.03	5.74	6.10	4.89	5.64	5.29	5.99	6.36
	3H	6.11	6.74	6.54	7.14	7.55	6.26	6.89	6.68	7.28	7.70
	4H	7.34	7.88	7.78	8.31	8.75	7.43	7.97	7.87	8.40	8.85
	6H	8.93	9.41	9.41	9.87	10.32	8.97	9.45	9.45	9.90	10.36
	8H	9.92	10.36	10.41	10.82	11.30	9.98	10.43	10.47	10.89	11.36
	12H	11.15	11.56	11.64	12.01	12.53	11.17	11.58	11.66	12.03	12.55
8H	4H	7.82	8.27	8.31	8.73	9.20	7.90	8.34	8.39	8.80	9.28
	6H	9.75	10.11	10.26	10.59	11.11	9.78	10.14	10.29	10.62	11.13
	8H	11.00	11.30	11.53	11.82	12.32	11.05	11.35	11.58	11.87	12.37
	12H	12.48	12.71	13.02	13.22	13.75	12.49	12.71	13.03	13.23	13.76
12H	4H	7.98	8.39	8.47	8.84	9.37	8.06	8.46	8.55	8.92	9.44
	6H	10.08	10.38	10.62	10.91	11.41	10.11	10.41	10.64	10.93	11.43
	8H	11.42	11.65	11.96	12.16	12.69	11.46	11.69	12.01	12.21	12.73
Variation with the observer position at spacings:											
S = 1.0H		1.4/-1.2					1.4/-1.2				
S = 1.5H		1.6/-1.3					1.6/-1.3				
S = 2.0H		1.8/-1.2					1.8/-1.2				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-5.9					-5.9				

依据CIE Publ. 117 计算 UGR, S/H = 0.25