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## lumini

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LumCAT:

Luminaire: led bath serie 2 fa

LampCAT: modulo led 6W 3000K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0600

Number of Lamps: 1

Power (W): 7.4800

Lamp flux(lm): 690.0

PF: 0.9700

Length(mm): 60

Width(mm): 60

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 533.76, Efficiency(%): 77.36% , Luminous Efficacy(lm/W): 71.36

Central intensity(cd): 852.933, Maximum intensity(cd): 852.933

Angle of maximum intensity:  $C=0.0$   $\gamma=0.0$

Beam angle of C0 plane : 41.95

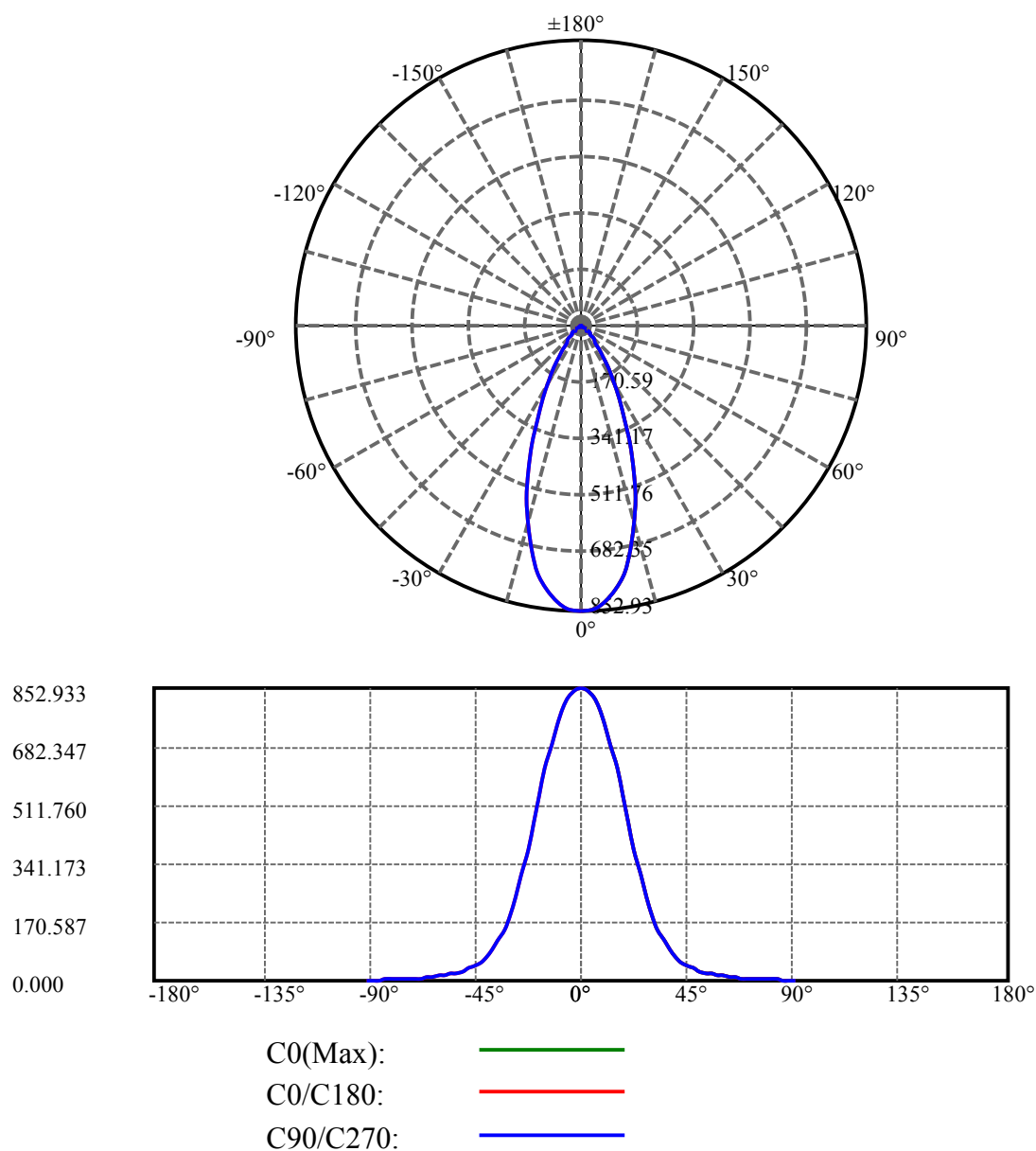
Average BeamAngle(IEC 61341): 41.95

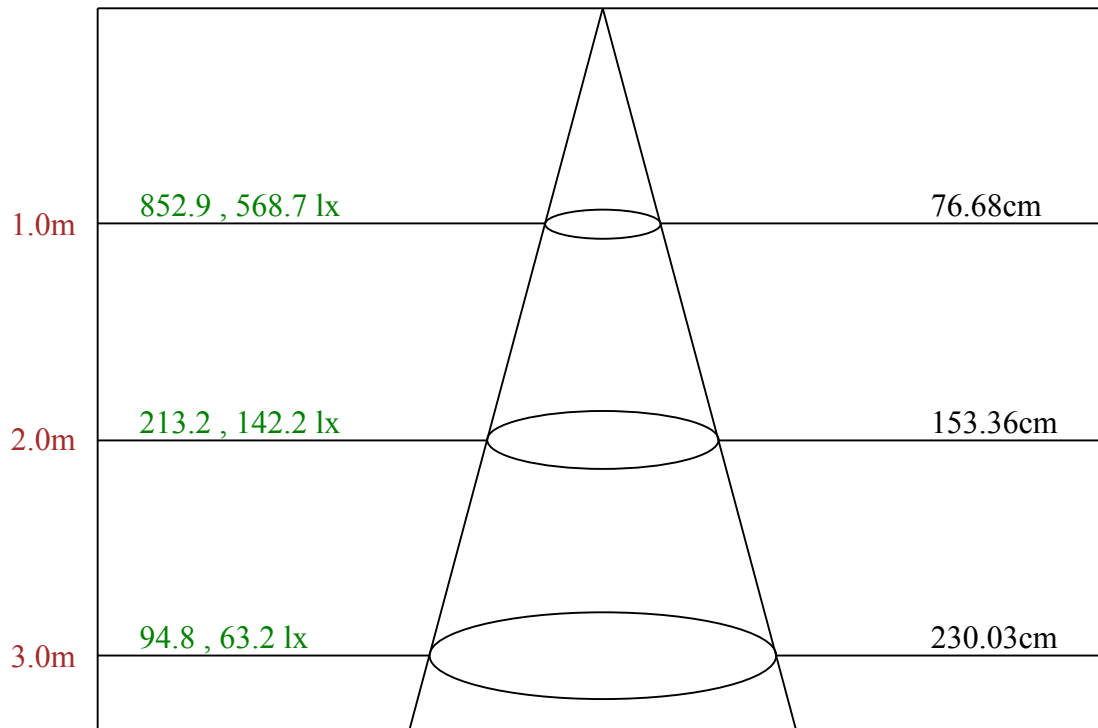
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Equipment: equipamento lumini  
Temperature(°C): 25.5

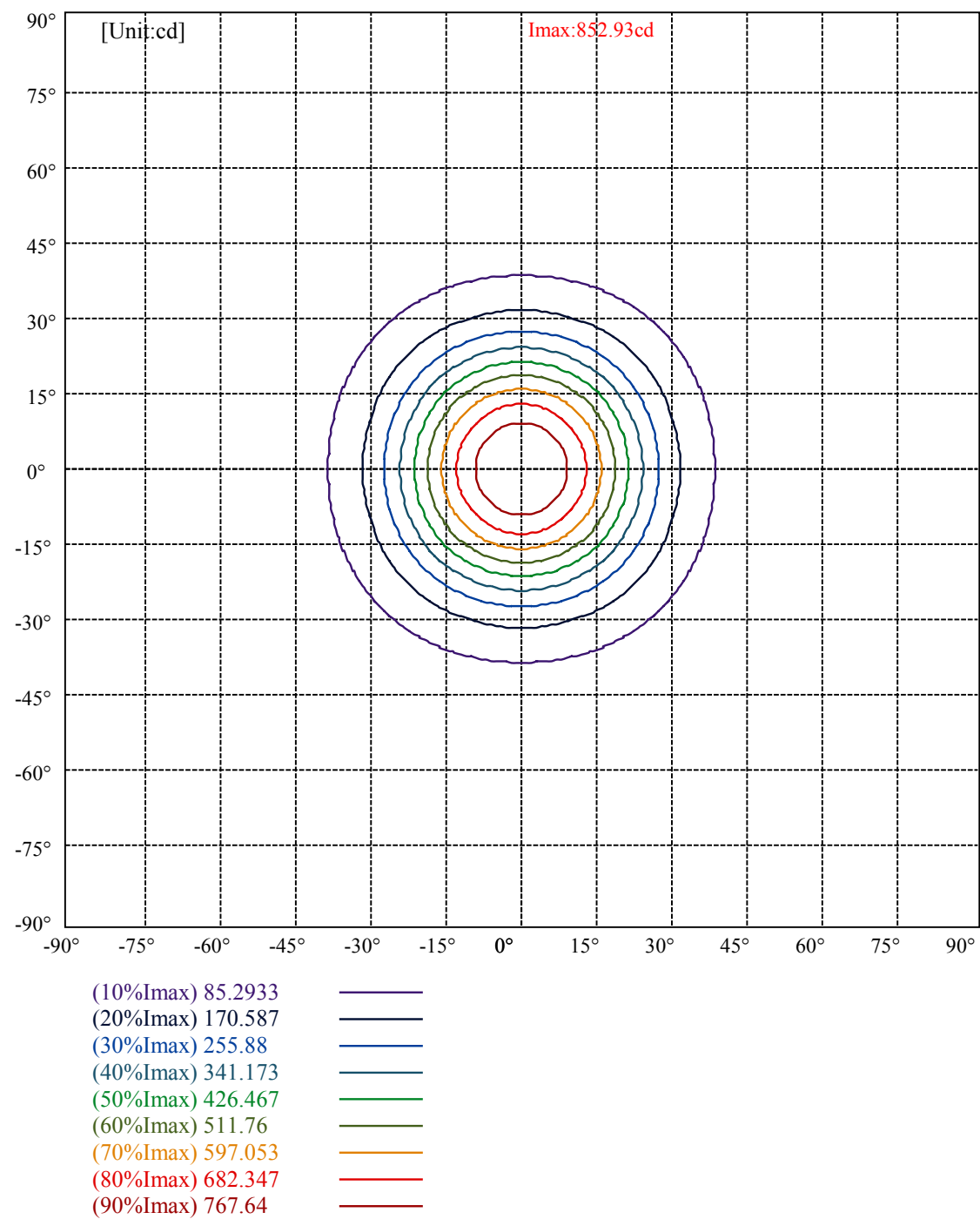
Date: 7/1/2024  
Humidity(%): 55.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 41.95



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	16585	12396	9664	7766	6321	5394	5263	5940	7834
C45	16585	12396	9664	7766	6321	5394	5263	5940	7834
C90	16585	12396	9664	7766	6321	5394	5263	5940	7834

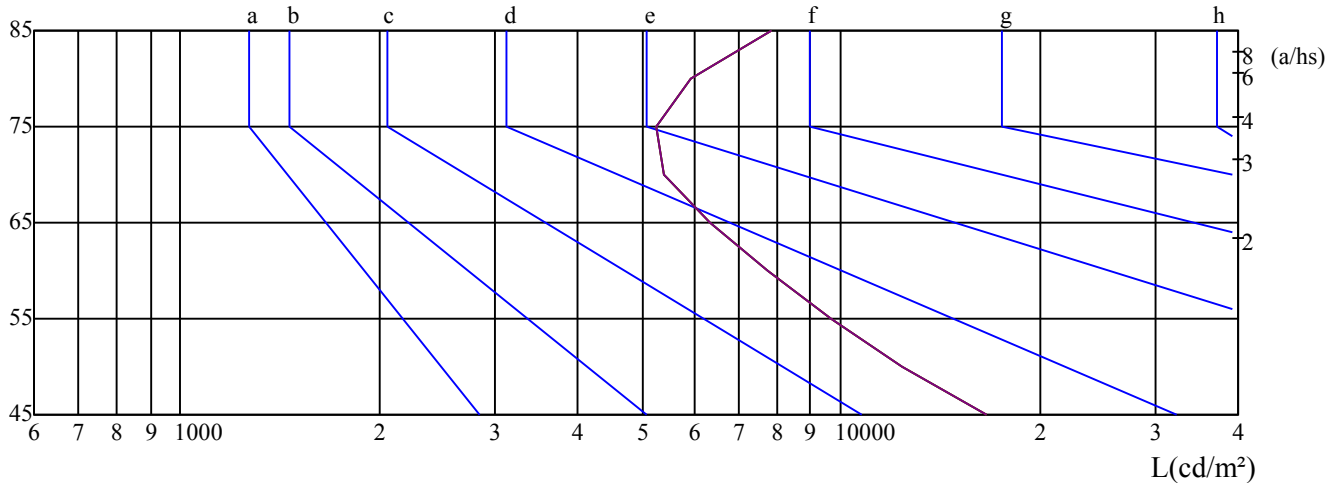
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
6321	6321	6321	5263	5263	5263	7834	7834	7834

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		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: 7/1/2024  
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	18.33	19.40	18.69	19.72	20.03	17.63	18.71	18.00	19.02	19.33
	3H	18.53	19.48	18.91	19.82	20.16	17.81	18.76	18.19	19.10	19.44
	4H	18.61	19.50	19.01	19.85	20.22	17.89	18.77	18.29	19.13	19.49
	6H	18.75	19.56	19.16	19.93	20.33	18.00	18.81	18.41	19.19	19.58
	8H	18.79	19.57	19.21	19.95	20.36	18.02	18.79	18.44	19.18	19.58
	12H	18.85	19.59	19.28	19.98	20.40	18.03	18.77	18.45	19.16	19.58
4H	2H	18.30	19.18	18.70	19.54	19.91	17.66	18.55	18.06	18.90	19.27
	3H	18.57	19.31	18.99	19.70	20.12	17.92	18.66	18.34	19.05	19.47
	4H	18.77	19.42	19.21	19.84	20.29	18.12	18.76	18.56	19.18	19.63
	6H	18.97	19.53	19.44	19.98	20.43	18.28	18.85	18.76	19.30	19.75
	8H	19.10	19.62	19.58	20.08	20.55	18.37	18.90	18.86	19.36	19.83
	12H	19.25	19.73	19.73	20.18	20.70	18.46	18.94	18.94	19.39	19.91
8H	4H	18.73	19.26	19.21	19.71	20.19	18.11	18.63	18.59	19.09	19.56
	6H	19.02	19.45	19.52	19.93	20.44	18.37	18.81	18.88	19.29	19.80
	8H	19.28	19.64	19.81	20.17	20.66	18.58	18.95	19.11	19.47	19.97
	12H	19.53	19.82	20.07	20.34	20.86	18.75	19.04	19.29	19.55	20.07
12H	4H	18.71	19.19	19.20	19.64	20.16	18.09	18.58	18.58	19.03	19.55
	6H	19.07	19.44	19.60	19.96	20.45	18.44	18.81	18.97	19.33	19.82
	8H	19.33	19.62	19.87	20.13	20.65	18.65	18.94	19.19	19.46	19.98
Variation with the observer position at spacings:											
S = 1.0H		2.0/-1.9					2.0/-1.9				
S = 1.5H		3.5/-2.3					3.5/-2.3				
S = 2.0H		5.2/-2.4					5.2/-2.4				
Standard tables:		BK3					BK3				
Uncorrected UGR		1.4					1.4				

依据CIE Publ. 117 计算 UGR, S/H = 0.25