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## lumini

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LumCAT:

Luminaire: led bath serie 2 fc

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): 490.02, Efficiency(%): 71.02% , Luminous Efficacy(lm/W): 65.51

Central intensity(cd): 2324.415, Maximum intensity(cd): 2324.415

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

Beam angle of C0 plane : 20.55

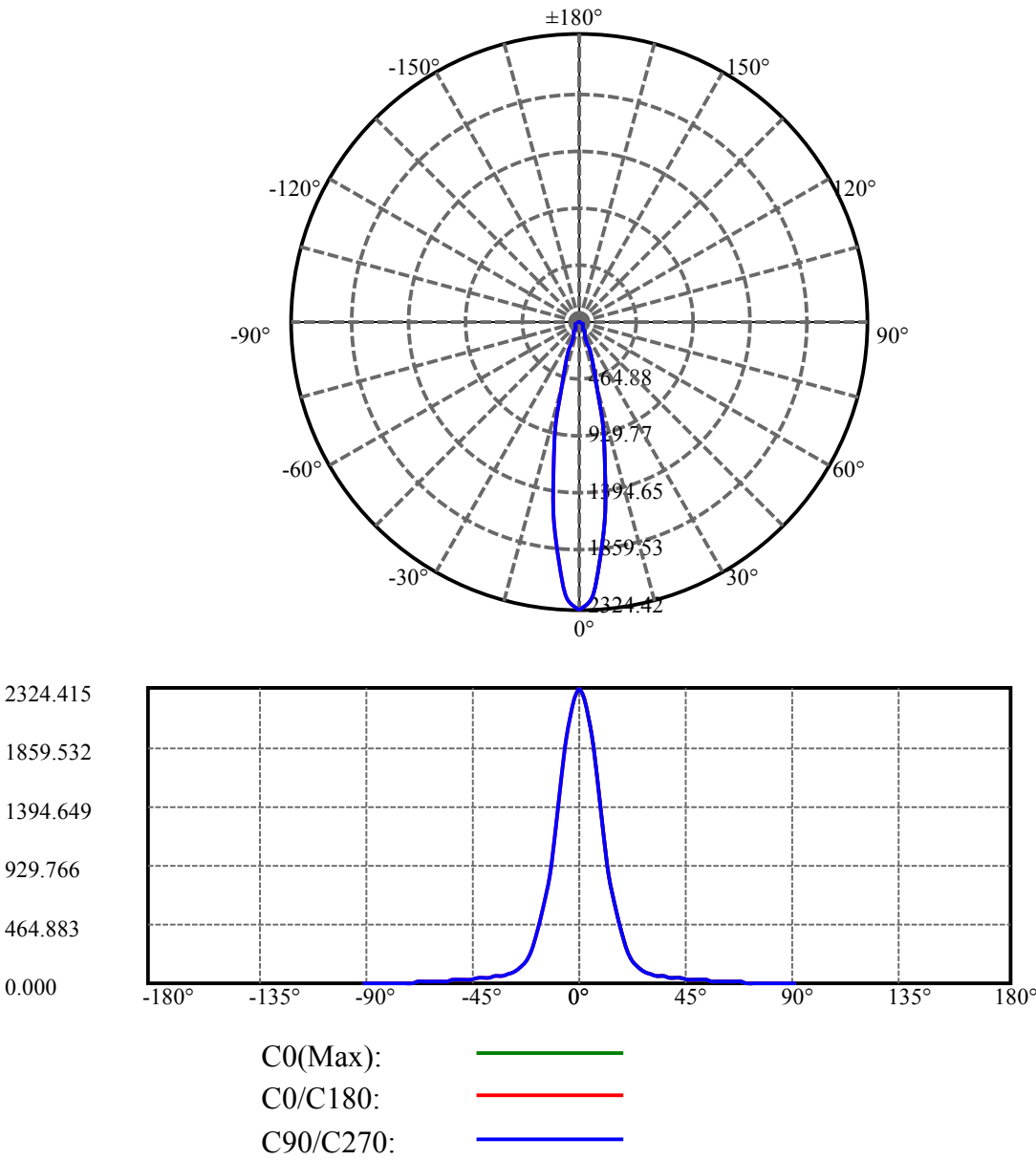
Aveage BeamAngle(IEC 61341):20.55

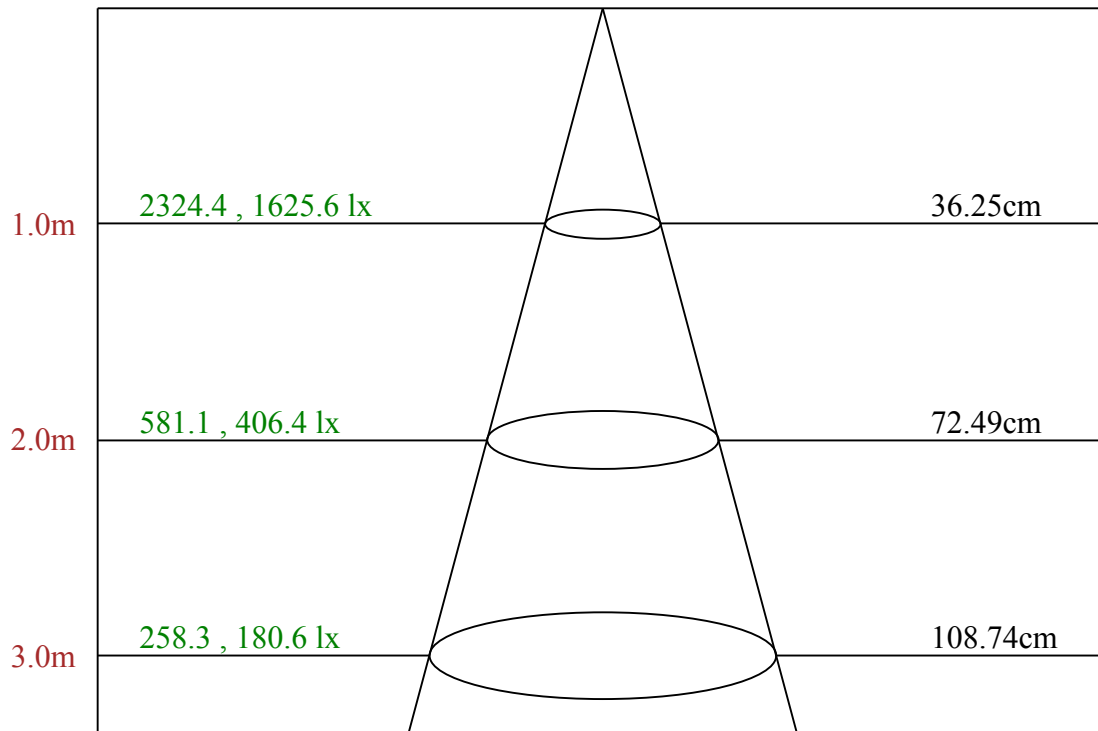
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Equipment: equipamento lumini  
Temperature(°C): 25.5

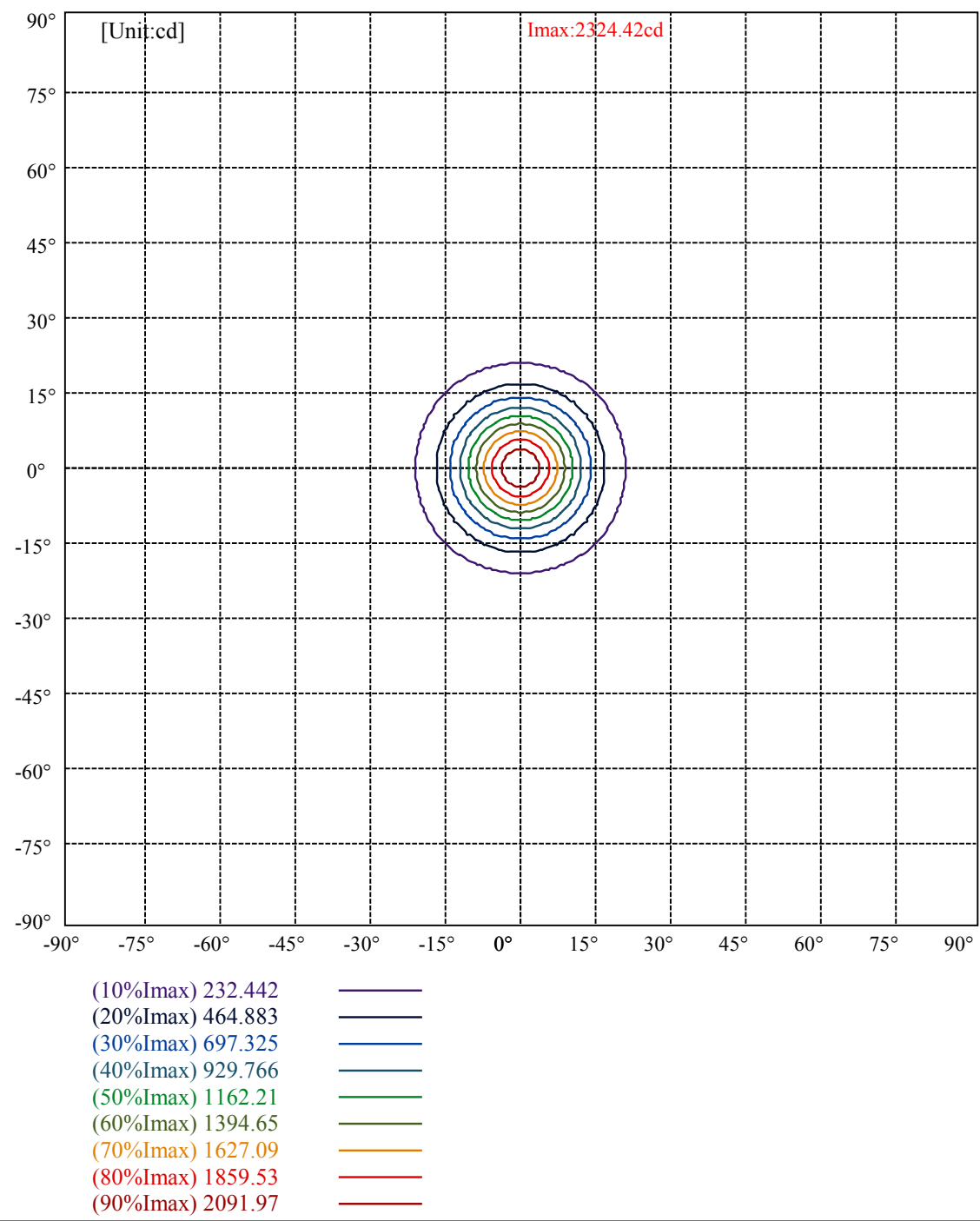
Date: 7/1/2024  
Humidity(%): 55.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 20.55



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	14002	12108	10070	8153	6599	5457	5033	5474	7056
C45	14002	12108	10070	8153	6599	5457	5033	5474	7056
C90	14002	12108	10070	8153	6599	5457	5033	5474	7056

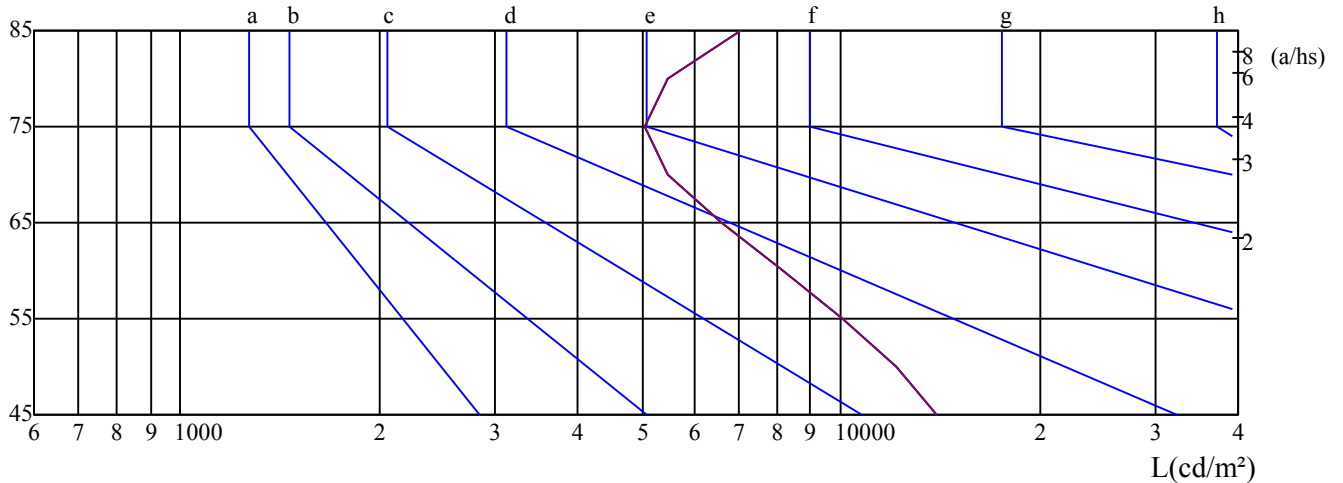
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
6599	6599	6599	5033	5033	5033	7056	7056	7056

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: 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	16.30	17.37	16.66	17.68	18.00	16.47	17.54	16.83	17.85	18.17
	3H	17.01	17.96	17.39	18.30	18.65	17.12	18.08	17.51	18.41	18.76
	4H	17.27	18.16	17.67	18.51	18.88	17.35	18.24	17.75	18.59	18.96
	6H	17.55	18.36	17.96	18.74	19.13	17.63	18.44	18.04	18.82	19.21
	8H	17.67	18.44	18.09	18.83	19.23	17.74	18.52	18.16	18.90	19.31
	12H	17.78	18.52	18.21	18.92	19.33	17.87	18.60	18.29	19.00	19.41
4H	2H	16.59	17.47	16.98	17.83	18.19	16.73	17.61	17.13	17.97	18.33
	3H	17.41	18.15	17.83	18.54	18.96	17.49	18.23	17.91	18.63	19.04
	4H	17.82	18.46	18.26	18.88	19.33	17.87	18.51	18.31	18.94	19.38
	6H	18.18	18.75	18.65	19.20	19.65	18.24	18.80	18.71	19.26	19.71
	8H	18.39	18.92	18.88	19.38	19.85	18.45	18.97	18.93	19.43	19.90
	12H	18.61	19.10	19.10	19.55	20.07	18.67	19.16	19.16	19.61	20.13
8H	4H	17.90	18.43	18.38	18.88	19.36	17.95	18.48	18.43	18.93	19.41
	6H	18.41	18.85	18.92	19.32	19.83	18.46	18.90	18.97	19.37	19.88
	8H	18.78	19.15	19.31	19.67	20.17	18.83	19.20	19.36	19.72	20.21
	12H	19.13	19.42	19.67	19.94	20.46	19.19	19.48	19.73	19.99	20.51
12H	4H	17.90	18.39	18.39	18.84	19.36	17.95	18.44	18.44	18.89	19.41
	6H	18.51	18.88	19.04	19.40	19.90	18.56	18.93	19.09	19.45	19.94
	8H	18.90	19.19	19.44	19.71	20.23	18.95	19.24	19.49	19.76	20.28
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.8					0.3/-0.8				
S = 1.5H		0.8/-1.5					0.8/-1.5				
S = 2.0H		2.2/-1.8					2.2/-1.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		0.5					0.5				

依据CIE Publ. 117 计算 UGR, S/H = 0.25