



lumini Solucoes em Iluminacao LTDA  
www.lumini.com.br  
Email: laboratorio@lumini.com.br  
Tel: +55 11 3437-5555 Fax: +55 11 3437-5555  
Address: Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

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## lumini

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LumCAT:

Luminaire: rocket xsm int cnp tr fm

LampCAT: modulo led tr 9W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0750

Number of Lamps: 1

Power (W): 9.0000

Lamp flux(lm): 525.0

PF: 0.9300

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 306.75, Efficiency(%): 58.43% , Luminous Efficacy(lm/W): 34.08

Central intensity(cd): 618.394, Maximum intensity(cd): 618.394

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

Beam angle of C0 plane : 39.83

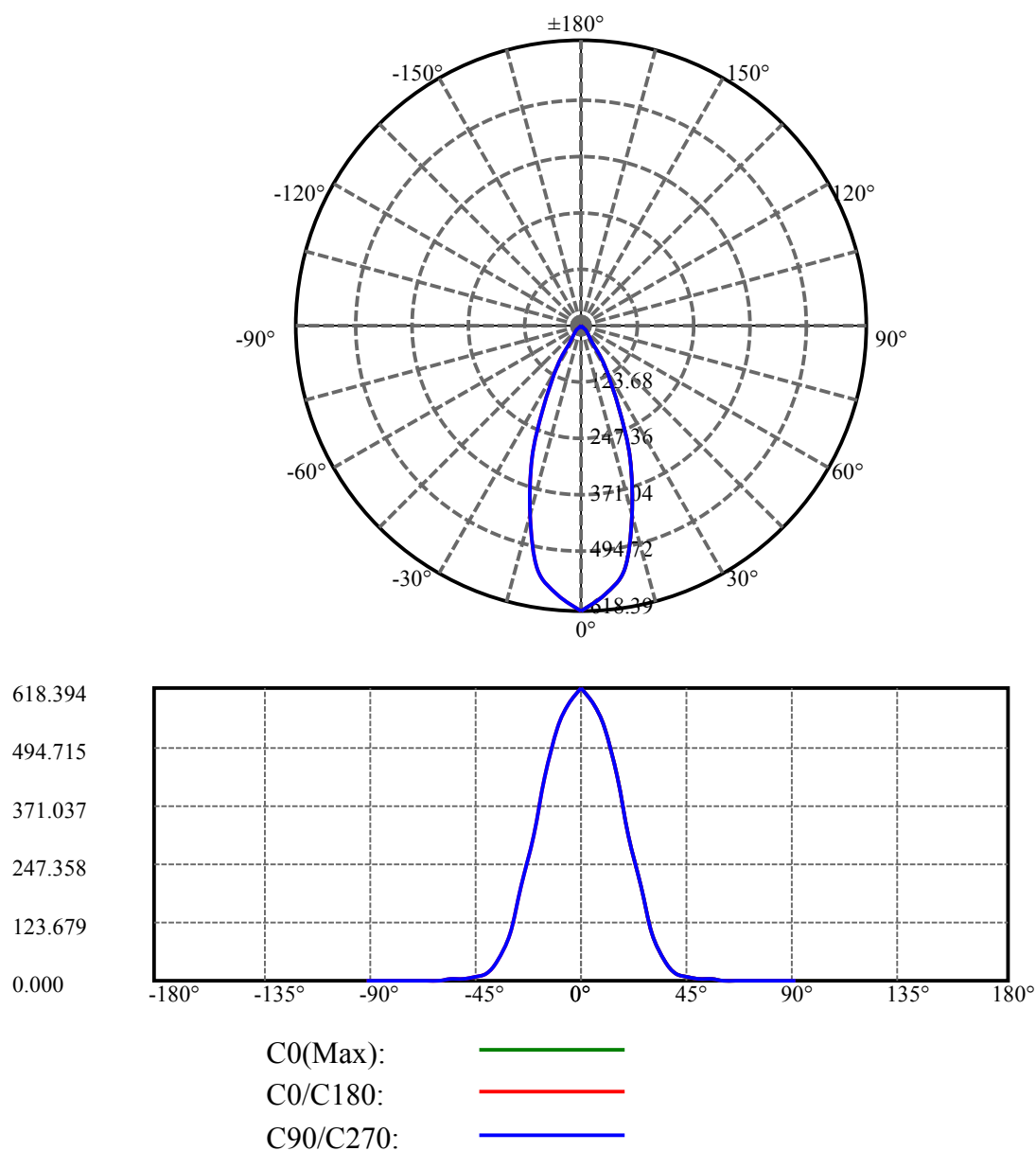
Average BeamAngle(IEC 61341): 39.83

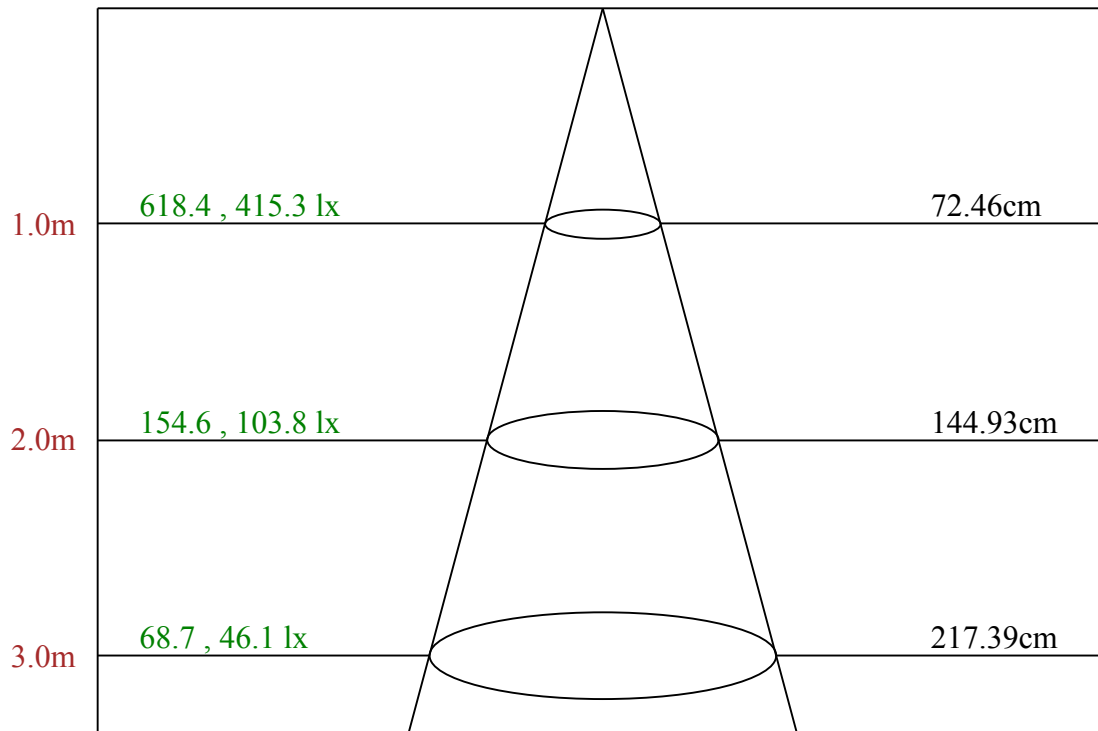
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Equipment: equipamento lumini  
Temperature(°C): 25.0

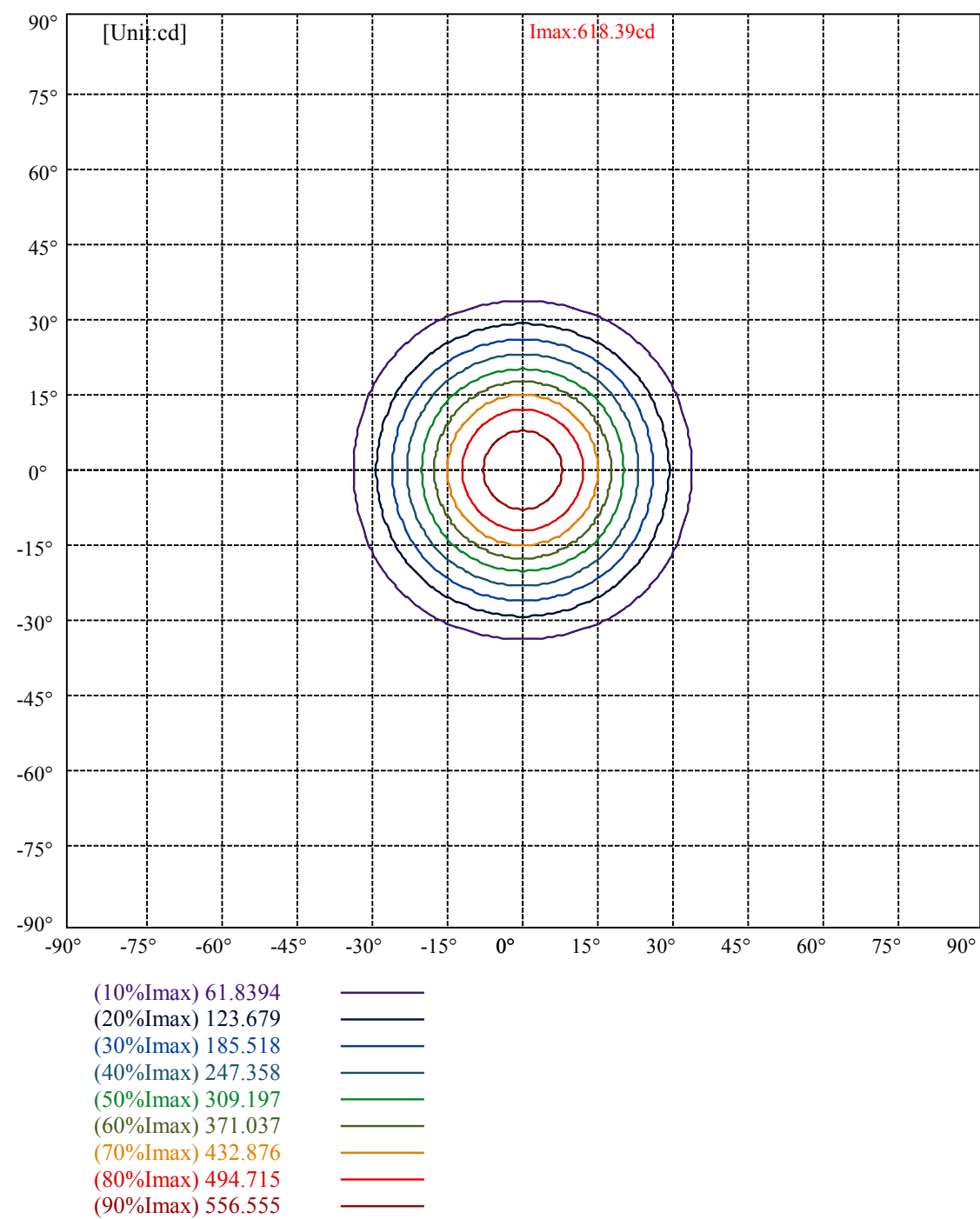
Date: 11/29/2023  
Humidity(%): 55.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 39.83



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	6728	4201	2471	1785	1655	1784	2141	2827	5292
C45	6728	4201	2471	1785	1655	1784	2141	2827	5292
C90	6728	4201	2471	1785	1655	1784	2141	2827	5292

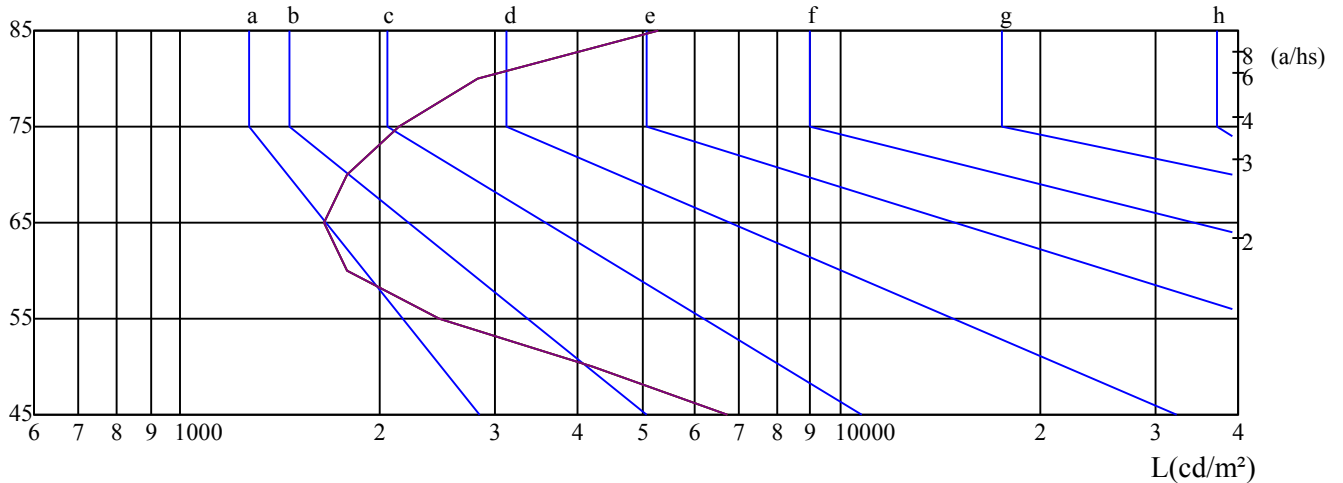
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1655	1655	1655	2141	2141	2141	5292	5292	5292

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): 25.0

Date: 11/29/2023  
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	15.54	16.48	15.91	16.79	17.11	14.90	15.84	15.26	16.15	16.46
	3H	15.40	16.23	15.79	16.57	16.92	14.79	15.62	15.18	15.96	16.31
	4H	15.36	16.13	15.77	16.49	16.86	14.77	15.54	15.17	15.89	16.26
	6H	15.39	16.09	15.81	16.47	16.87	14.82	15.52	15.24	15.89	16.29
	8H	15.40	16.07	15.82	16.46	16.86	14.85	15.52	15.28	15.91	16.32
	12H	15.46	16.09	15.88	16.48	16.90	14.96	15.59	15.39	15.99	16.41
4H	2H	15.26	16.03	15.67	16.39	16.75	14.63	15.40	15.03	15.75	16.12
	3H	15.12	15.77	15.55	16.16	16.58	14.53	15.18	14.96	15.57	15.99
	4H	15.16	15.71	15.60	16.14	16.59	14.60	15.15	15.03	15.57	16.02
	6H	15.21	15.70	15.69	16.16	16.61	14.68	15.17	15.16	15.63	16.08
	8H	15.31	15.76	15.80	16.22	16.70	14.82	15.27	15.31	15.73	16.21
	12H	15.48	15.90	15.97	16.35	16.87	15.07	15.49	15.57	15.94	16.47
8H	4H	15.03	15.48	15.51	15.94	16.41	14.48	14.93	14.96	15.39	15.86
	6H	15.16	15.53	15.67	16.01	16.52	14.66	15.03	15.17	15.51	16.02
	8H	15.39	15.70	15.93	16.22	16.72	14.95	15.25	15.48	15.78	16.28
	12H	15.71	15.94	16.25	16.46	16.98	15.38	15.61	15.92	16.13	16.65
12H	4H	15.00	15.41	15.49	15.87	16.39	14.45	14.86	14.94	15.32	15.84
	6H	15.20	15.51	15.74	16.03	16.53	14.71	15.02	15.25	15.54	16.04
	8H	15.45	15.68	15.99	16.20	16.72	15.02	15.25	15.56	15.77	16.30
Variation with the observer position at spacings:											
S = 1.0H		5.2/-6.4					5.2/-6.4				
S = 1.5H		7.6/-5.5					7.6/-5.5				
S = 2.0H		9.1/-4.6					9.1/-4.6				
Standard tables:		BK2					BK2				
Uncorrected UGR		-3.7					-3.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25