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## lumini

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LumCAT:

Luminaire: no frame r 143 e

LampCAT: modulo led 10.5W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.8400

Test No:

Current(A): 0.1010

Number of Lamps: 1

Power (W): 12.7590

Lamp flux(lm): 1485.0

PF: 0.9840

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 838.74, Efficiency(%): 56.48% , Luminous Efficacy(lm/W): 65.74

Central intensity(cd): 327.783, Maximum intensity(cd): 327.783

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

Beam angle of C0 plane : 99.95

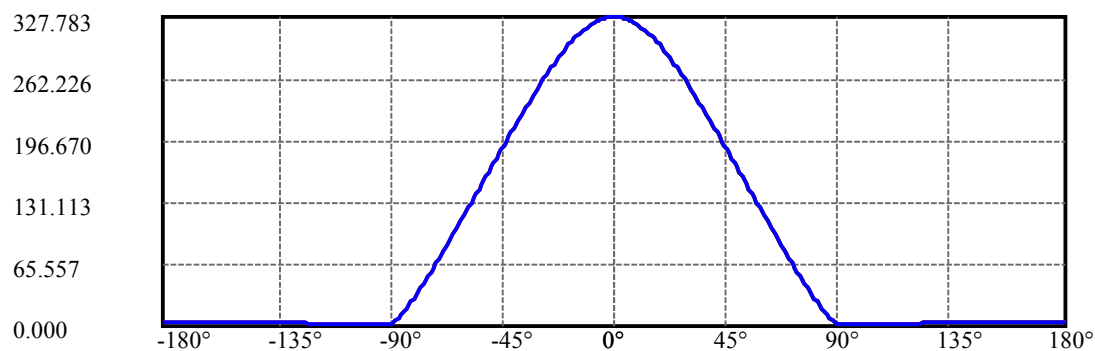
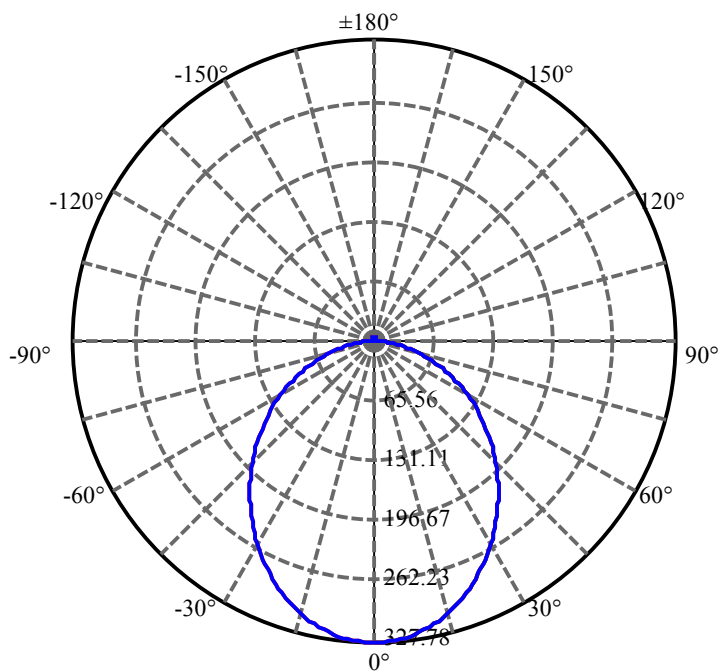
Average BeamAngle(IEC 61341): 99.95

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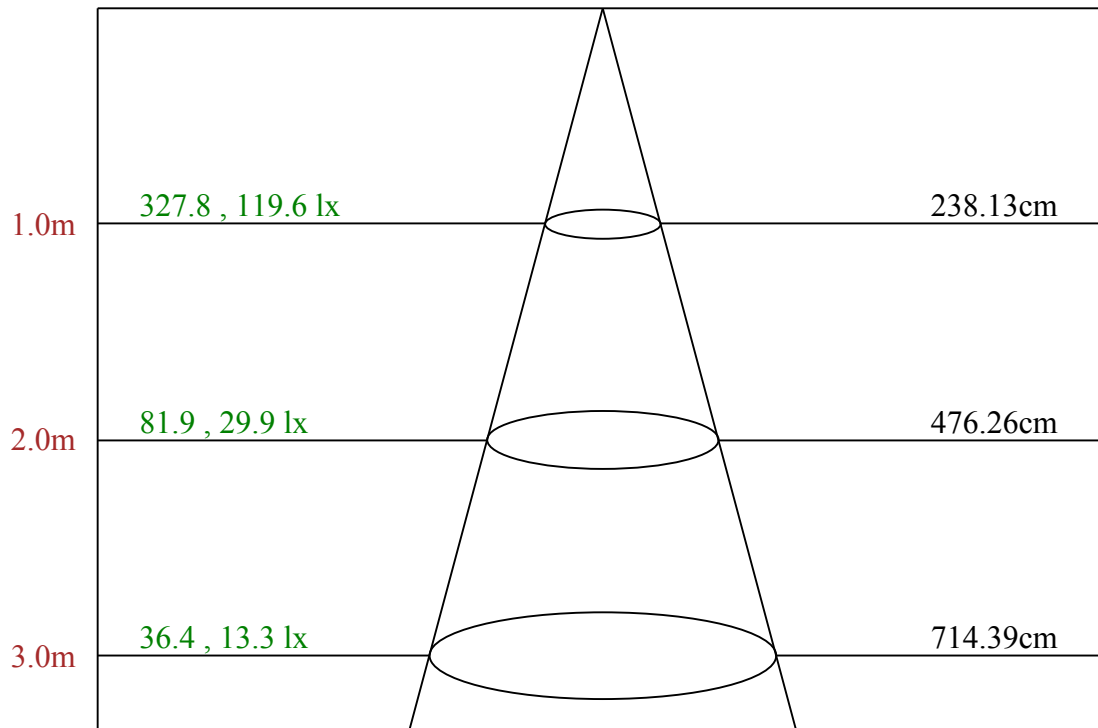
Equipment: equipamento lumini  
Temperature(°C): 25.0

Date: 04/06/2025  
Humidity(%): 58.0%

Operator: 01  
Distance(m): 6.90

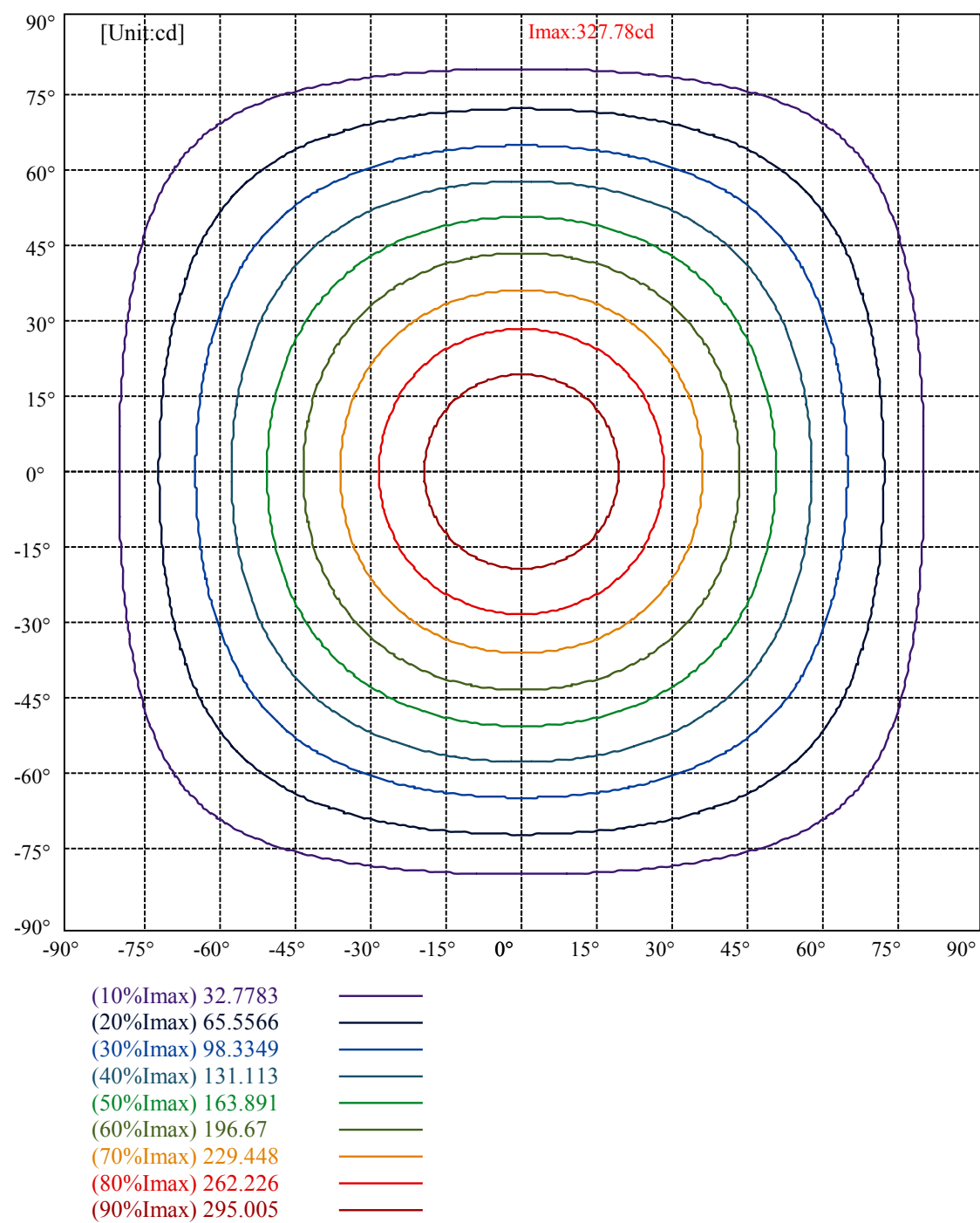


C0(Max):  
C0/C180:  
C90/C270:



Max , Ave

Beam angle of C0 plane 99.95



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	18400	17692	17046	16267	15431	14480	13229	11788	9375
C45	18400	17692	17046	16267	15431	14480	13229	11788	9375
C90	18400	17692	17046	16267	15431	14480	13229	11788	9375

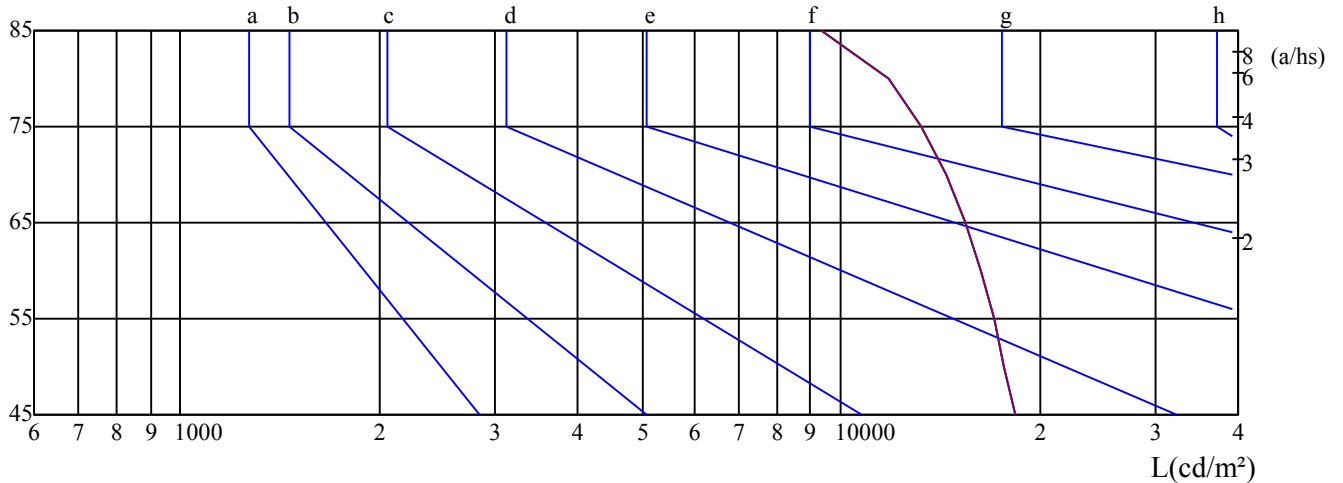
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
15431	15431	15431	13229	13229	13229	9375	9375	9375

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( $^{\circ}\text{C}$ ): 25.0

Date: 04/06/2025  
Humidity(%): 58.0%

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	22.18	23.72	22.57	24.09	24.47	22.06	23.61	22.46	23.98	24.35
	3H	23.77	25.18	24.19	25.56	25.97	23.61	25.01	24.03	25.40	25.80
	4H	24.36	25.68	24.79	26.08	26.50	24.15	25.47	24.58	25.87	26.29
	6H	24.82	26.05	25.26	26.46	26.91	24.56	25.79	25.01	26.20	26.65
	8H	24.95	26.13	25.39	26.55	27.01	24.66	25.84	25.10	26.26	26.72
	12H	25.00	26.14	25.46	26.57	27.04	24.68	25.82	25.14	26.25	26.72
4H	2H	22.87	24.19	23.30	24.59	25.01	22.78	24.10	23.21	24.50	24.92
	3H	24.61	25.74	25.07	26.17	26.64	24.47	25.60	24.93	26.03	26.50
	4H	25.37	26.37	25.84	26.83	27.32	25.19	26.19	25.66	26.65	27.14
	6H	25.91	26.80	26.41	27.28	27.78	25.67	26.56	26.17	27.04	27.54
	8H	26.11	26.94	26.62	27.43	27.94	25.84	26.66	26.35	27.15	27.67
	12H	26.23	27.00	26.74	27.48	28.04	25.92	26.69	26.44	27.17	27.73
8H	4H	25.64	26.47	26.15	26.96	27.47	25.48	26.31	25.99	26.80	27.31
	6H	26.31	27.00	26.83	27.51	28.06	26.09	26.78	26.62	27.29	27.84
	8H	26.63	27.23	27.18	27.78	28.32	26.37	26.98	26.92	27.52	28.07
	12H	26.81	27.32	27.37	27.87	28.43	26.50	27.02	27.06	27.57	28.13
12H	4H	25.66	26.43	26.18	26.92	27.47	25.51	26.28	26.02	26.76	27.32
	6H	26.41	27.02	26.96	27.57	28.11	26.20	26.81	26.75	27.36	27.90
	8H	26.72	27.24	27.28	27.79	28.35	26.48	26.99	27.04	27.54	28.10
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.7					0.6/-0.7				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.7					7.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25