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## lumini

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LumCAT:

Luminaire: mini linea diffuse 60 fm e sr2 9W

LampCAT: modulo led 15Wm 30K irc 90

Ballast type: led line driver 12V

Report No:

Voltage(V): 127.7800

Test No:

Current(A): 0.1170

Number of Lamps: 1

Power (W): 13.8180

Lamp flux(lm): 827.0

PF: 0.9270

Length(mm): 585

Width(mm): 50

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 525.64, Efficiency(%): 63.56% , Luminous Efficacy(lm/W): 38.04

Central intensity(cd): 189.452, Maximum intensity(cd): 189.452

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

Beam angle of C0 plane : 108.62

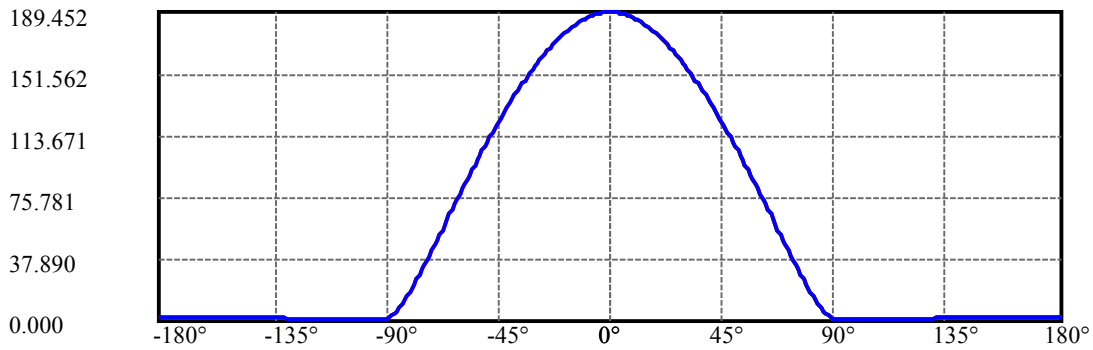
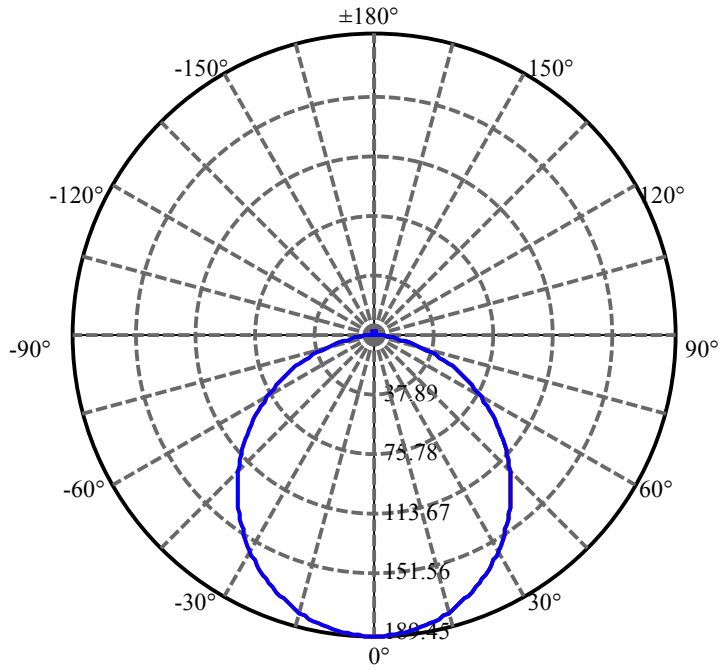
Aveage BeamAngle(IEC 61341):108.62

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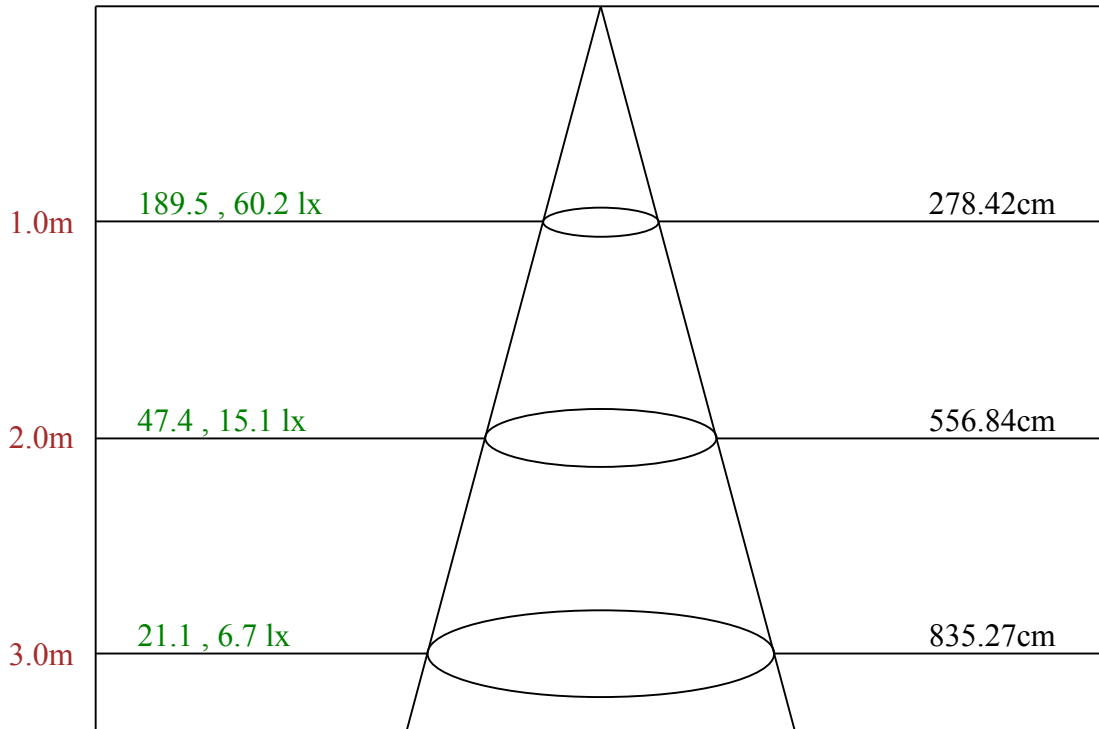
Equipment: equipamento lumini  
Temperature(°C): 26.8

Date: 18/03/2025  
Humidity(%): 58.0%

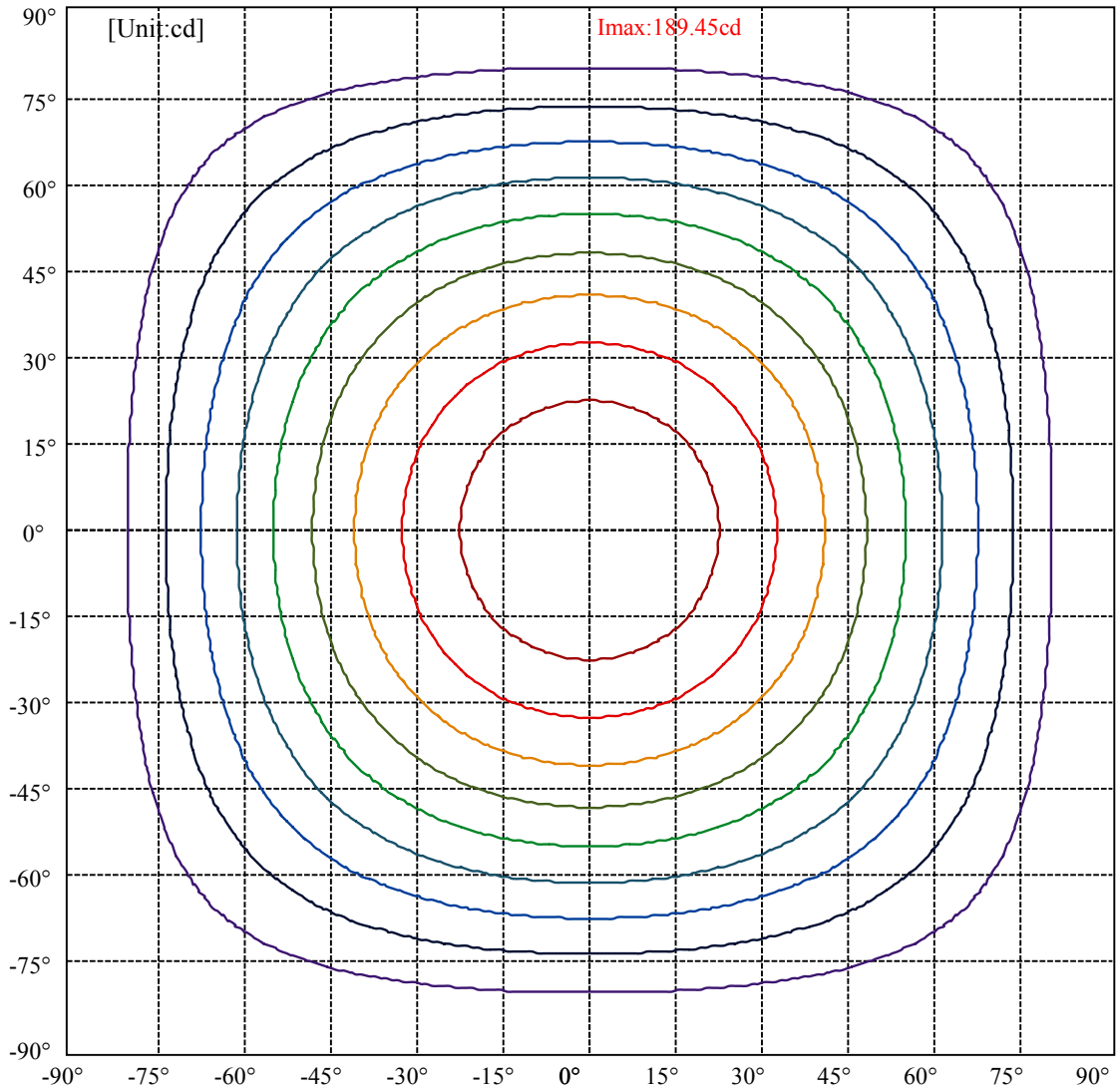
Operator: 01  
Distance(m): 6.90



C0(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave      Beam angle of C0 plane 108.62



(10%Imax) 18.9452	—
(20%Imax) 37.8904	—
(30%Imax) 56.8356	—
(40%Imax) 75.7808	—
(50%Imax) 94.726	—
(60%Imax) 113.671	—
(70%Imax) 132.616	—
(80%Imax) 151.562	—
(90%Imax) 170.507	—

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Luminance Limiting Curve(no luminous side)

Luminance Table

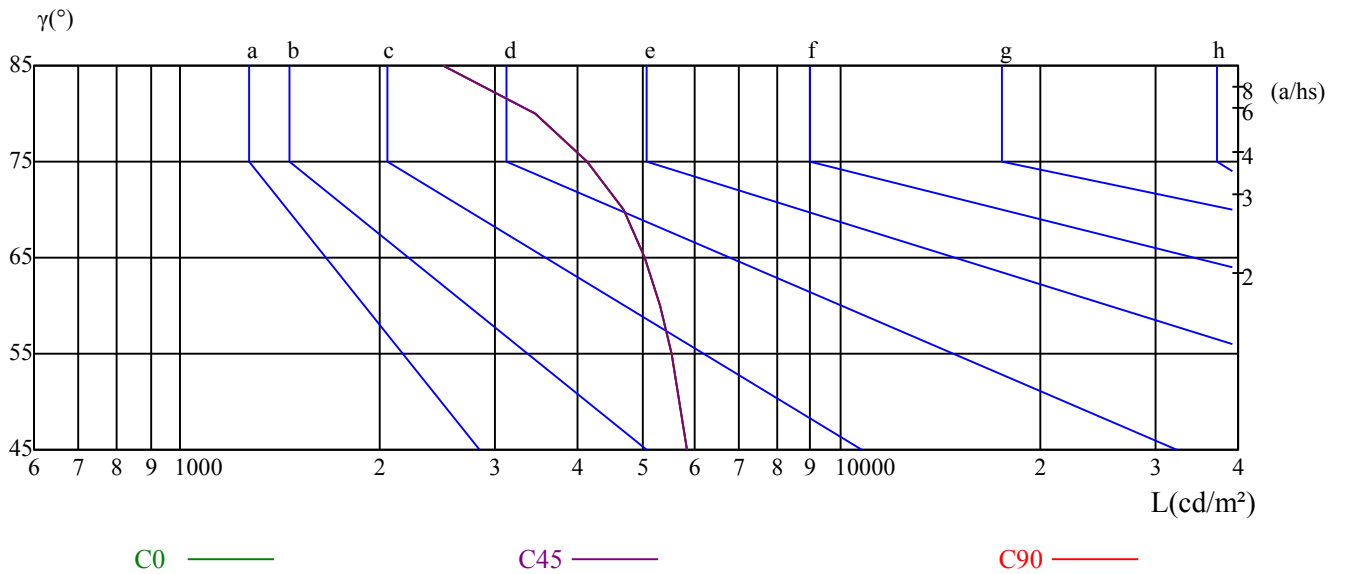
$\gamma$	45	50	55	60	65	70	75	80	85
C0	5831	5686	5532	5325	5040	4677	4137	3451	2505
C45	5831	5686	5532	5325	5040	4677	4137	3451	2505
C90	5831	5686	5532	5325	5040	4677	4137	3451	2505

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
5040	5040	5040	4137	4137	4137	2505	2505	2505

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



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	18.43	20.00	18.82	20.36	20.73	18.67	20.25	19.06	20.60	20.97
	3H	20.01	21.44	20.42	21.82	22.21	20.35	21.78	20.76	22.16	22.55
	4H	20.55	21.90	20.98	22.29	22.70	20.96	22.30	21.38	22.69	23.10
	6H	20.94	22.19	21.38	22.60	23.04	21.40	22.65	21.84	23.06	23.50
	8H	21.02	22.23	21.46	22.64	23.09	21.50	22.71	21.94	23.12	23.57
	12H	21.05	22.21	21.50	22.63	23.09	21.54	22.69	21.99	23.12	23.57
4H	2H	19.21	20.55	19.63	20.94	21.35	19.40	20.74	19.82	21.13	21.54
	3H	20.94	22.08	21.39	22.50	22.96	21.22	22.36	21.67	22.78	23.24
	4H	21.65	22.66	22.11	23.11	23.60	21.99	23.01	22.46	23.46	23.94
	6H	22.11	23.01	22.60	23.49	23.97	22.51	23.42	23.00	23.89	24.38
	8H	22.25	23.10	22.75	23.58	24.08	22.68	23.52	23.18	24.00	24.51
	12H	22.34	23.12	22.84	23.59	24.14	22.77	23.56	23.28	24.03	24.58
8H	4H	21.96	22.80	22.46	23.28	23.79	22.27	23.11	22.77	23.59	24.10
	6H	22.54	23.25	23.06	23.75	24.29	22.91	23.61	23.43	24.11	24.66
	8H	22.81	23.42	23.35	23.96	24.50	23.19	23.81	23.73	24.35	24.88
	12H	22.94	23.46	23.49	24.00	24.55	23.34	23.86	23.89	24.40	24.95
12H	4H	21.99	22.77	22.50	23.25	23.80	22.29	23.07	22.80	23.55	24.09
	6H	22.66	23.27	23.20	23.82	24.35	23.01	23.63	23.55	24.17	24.70
	8H	22.92	23.44	23.47	23.98	24.53	23.29	23.81	23.84	24.35	24.90
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	3.8					3.8					

依据CIE Publ. 117 计算 UGR, S/H = 0.25