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LumCAT:

Luminaire: mini eye r ring 12V

LampCAT: modulo led 4W 27K 12Vdc irc 90

Ballast type: led line driver 12Vdc

Report No:

Voltage(V): 126.0000

Test No:

Current(A): 0.0530

Number of Lamps: 1

Power (W): 6.6780

Lamp flux(lm): 311.0

PF: 0.0000

Length(mm): 34

Width(mm): 34

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 9.52, Efficiency(%): 3.06% , Luminous Efficacy(lm/W): 1.43

Central intensity(cd): 2.785, Maximum intensity(cd): 2.898

Angle of maximum intensity: C=0.0 γ =12.0

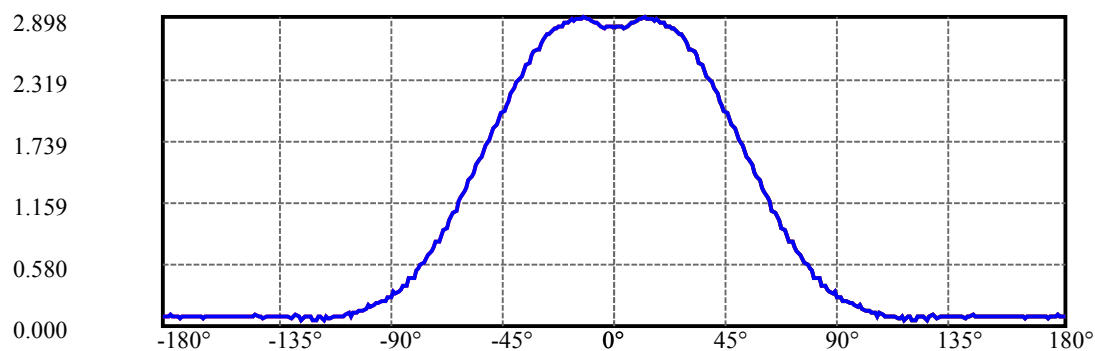
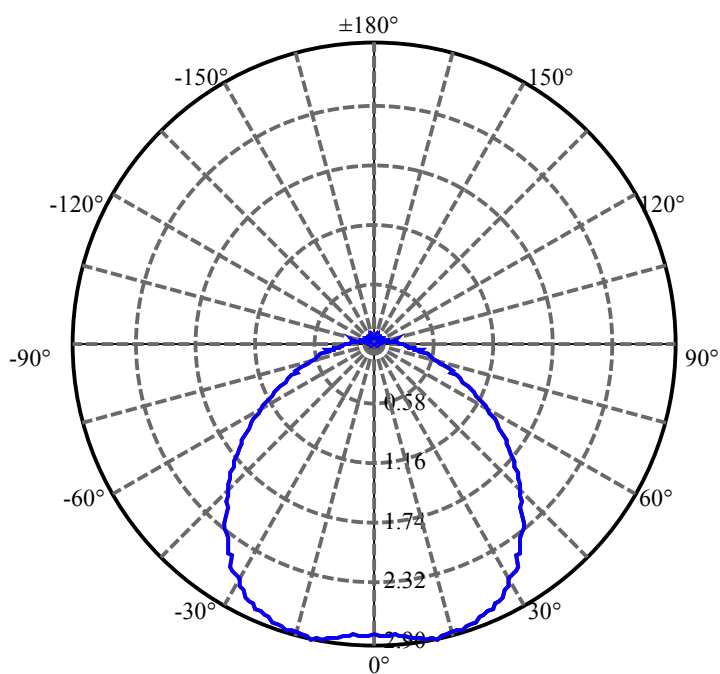
Beam angle of C0 plane : 113.57

Aveage BeamAngle(IEC 61341):113.57

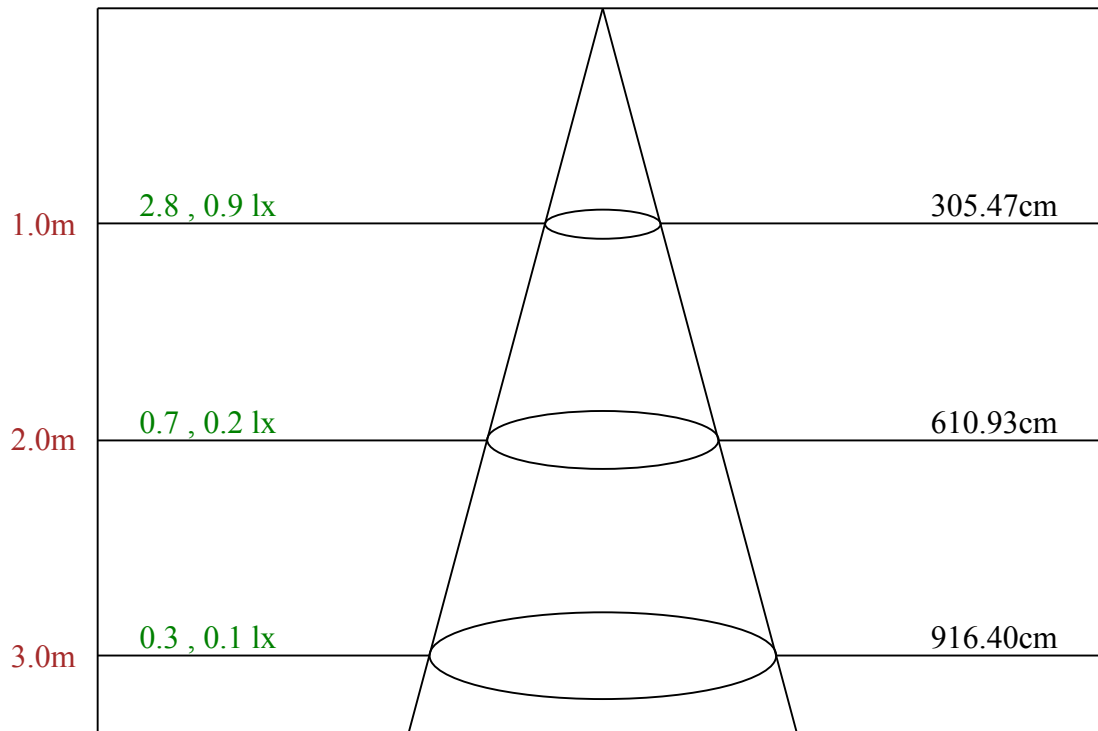
Equipment: equipamento lumini
Temperature(°C): 25.8

Date: 03/02/2025
Humidity(%): 77.0%

Operator: 01
Distance(m): 6.90

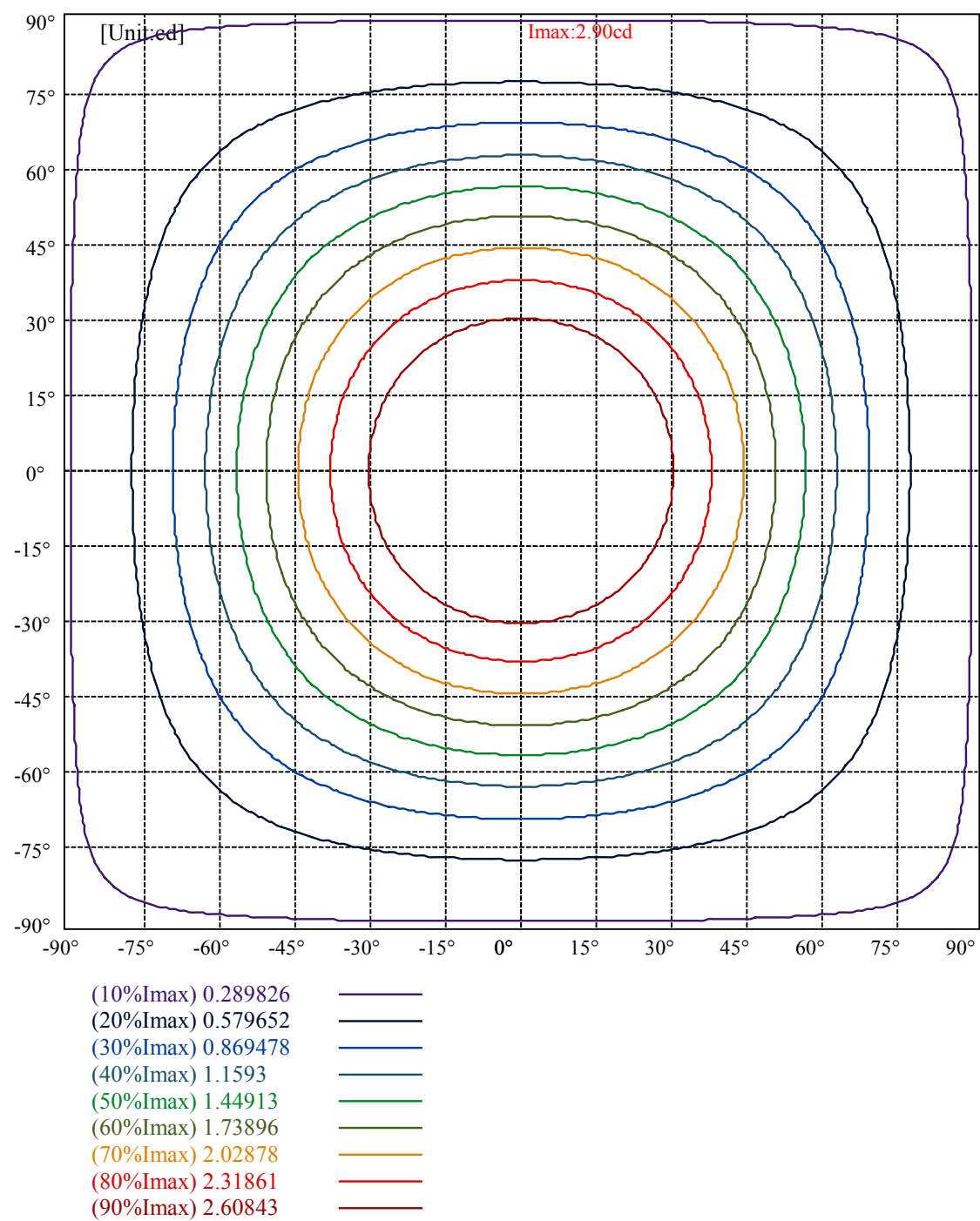


C0(Max):
C0/C180:
C90/C270:



Max , Ave

Beam angle of C0 plane 113.57



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Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	2439	2355	2280	2183	2095	2002	2108	2224	3367
C45	2439	2355	2280	2183	2095	2002	2108	2224	3367
C90	2439	2355	2280	2183	2095	2002	2108	2224	3367

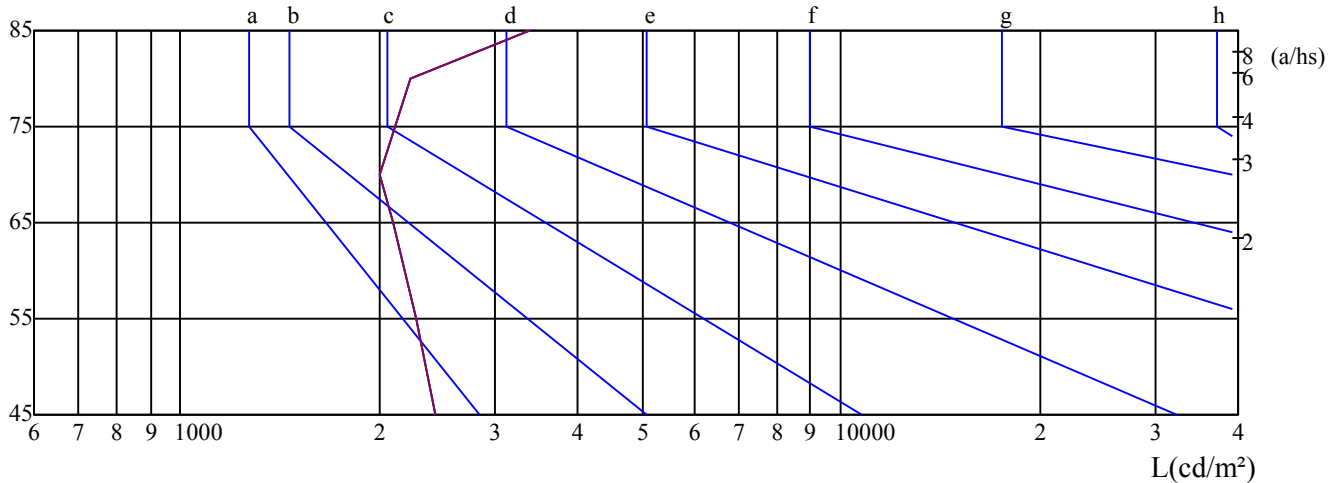
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2095	2095	2095	2108	2108	2108	3367	3367	3367

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($^{\circ}\text{C}$): 25.8

Date: 03/02/2025
Humidity(%): 77.0%

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	14.08	15.57	14.55	16.03	16.52	15.07	16.56	15.54	17.02	17.51
	3H	15.51	16.86	16.00	17.34	17.86	16.86	18.21	17.35	18.69	19.21
	4H	16.15	17.43	16.65	17.92	18.45	17.63	18.91	18.14	19.40	19.94
	6H	16.86	18.06	17.38	18.56	19.12	18.48	19.67	19.00	20.18	20.74
	8H	17.23	18.38	17.75	18.89	19.46	18.92	20.07	19.44	20.58	21.15
	12H	17.55	18.66	18.08	19.18	19.76	19.38	20.49	19.91	21.01	21.58
4H	2H	14.87	16.15	15.37	16.64	17.17	15.64	16.91	16.14	17.41	17.94
	3H	16.48	17.58	17.01	18.10	18.68	17.60	18.70	18.12	19.22	19.79
	4H	17.33	18.31	17.87	18.85	19.46	18.57	19.55	19.12	20.10	20.70
	6H	18.18	19.06	18.75	19.63	20.23	19.58	20.46	20.14	21.02	21.63
	8H	18.67	19.50	19.25	20.07	20.69	20.15	20.98	20.73	21.55	22.17
	12H	19.11	19.88	19.69	20.44	21.10	20.76	21.53	21.34	22.10	22.76
8H	4H	17.79	18.62	18.37	19.19	19.81	18.86	19.69	19.44	20.26	20.88
	6H	18.88	19.59	19.48	20.17	20.83	20.09	20.79	20.68	21.37	22.03
	8H	19.57	20.19	20.19	20.81	21.46	20.88	21.49	21.49	22.12	22.76
	12H	20.18	20.71	20.80	21.34	22.00	21.66	22.19	22.29	22.82	23.48
12H	4H	17.90	18.67	18.48	19.23	19.89	18.92	19.69	19.50	20.26	20.92
	6H	19.15	19.76	19.76	20.39	21.04	20.27	20.88	20.88	21.51	22.16
	8H	19.86	20.39	20.49	21.02	21.68	21.08	21.61	21.70	22.24	22.90
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.7					0.2/-0.7				
S = 1.5H		0.5/-0.6					0.5/-0.6				
S = 2.0H		0.4/-0.7					0.4/-0.7				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		4.8					4.8				

依据CIE Publ. 117 计算 UGR, S/H = 0.25