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lumini

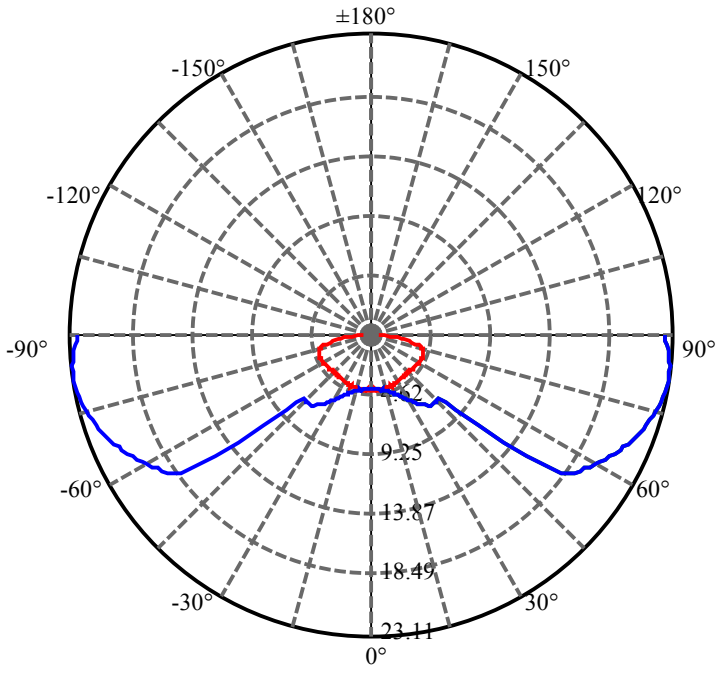
LumCAT:
Luminaire: pmr 37 w 2.5W 27K irc 90
LampCAT: modulo led 5Wm 27K irc 90
Ballast type: led line driver 12Vdc

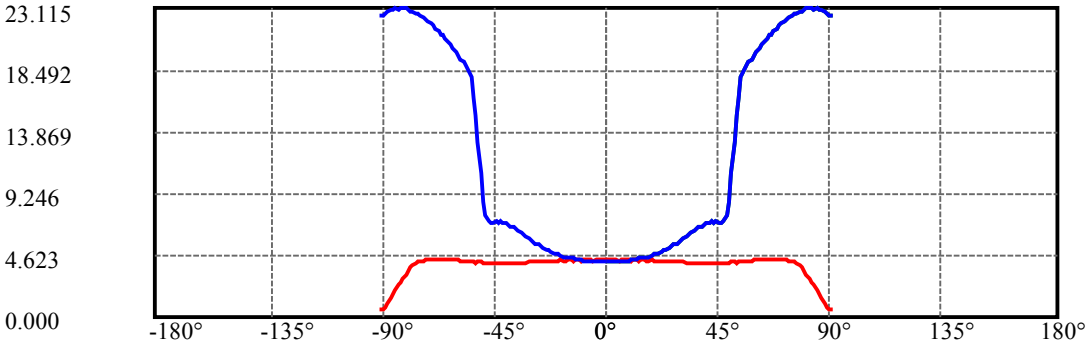
Report No:	Voltage(V): 128.0200
Test No:	Current(A): 0.0310
Number of Lamps: 1	Power (W): 3.7620
Lamp flux(lm): 282.0	PF: 0.9570
Length(mm): 370	Width(mm): 27
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 63.71, Efficiency(%): 22.59% , Luminous Efficacy(lm/W): 16.93
Central intensity(cd): 4.285, Maximum intensity(cd): 23.115
Angle of maximum intensity: C=90.0 γ=82.0
Beam angle of C90 plane : 112.50
Aveage BeamAngle(IEC 61341):122.72

Light Distribution Curve [Unit:cd]





C90(Max):

C0/C180:

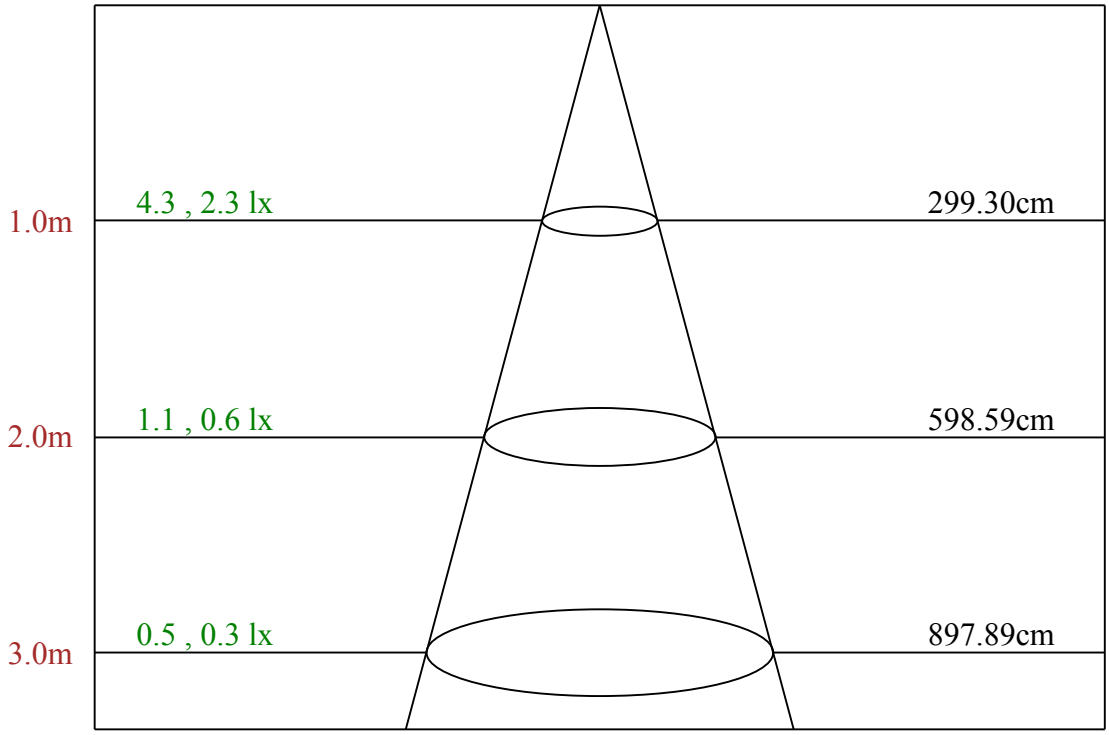
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 17/10/2026
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

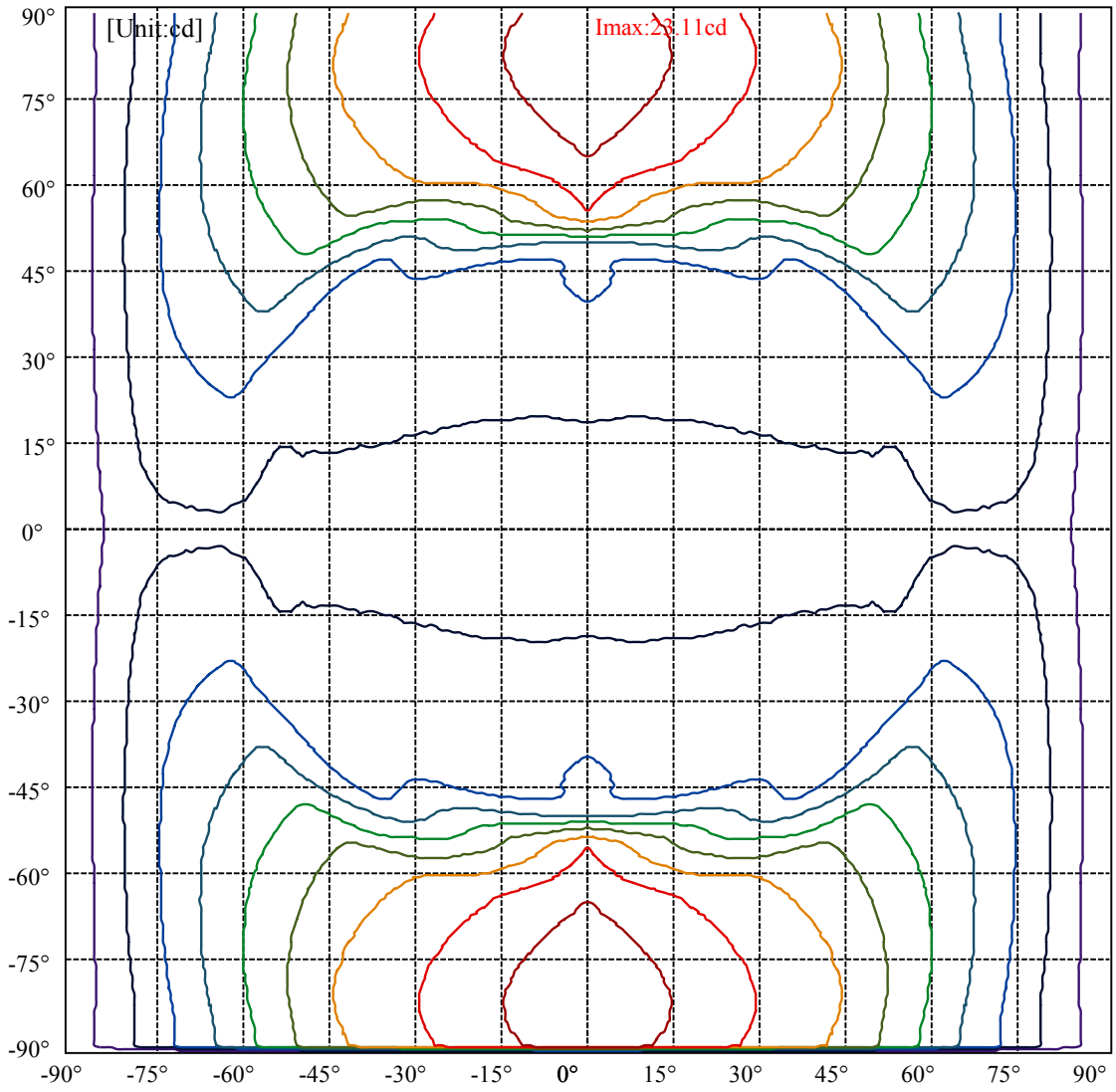
Lux distance Curve



Max , Ave

Beam angle of C90 plane 112.50

ISO-Intensity(V-H)



(10%Imax) 2.31147
(20%Imax) 4.62293
(30%Imax) 6.9344
(40%Imax) 9.24586
(50%Imax) 11.5573
(60%Imax) 13.8688
(70%Imax) 16.1803
(80%Imax) 18.4917
(90%Imax) 20.8032

Equipment: equipamento lumini
Temperature(°C): 25.5
Date: 17/10/2026
Humidity(%): 55.0%
Operator: 01
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	573	641	727	848	1015	1240	1584	1853	1941
C45	848	969	1103	2109	3482	4490	6086	9228	18345
C90	1001	1687	3240	3970	4990	6417	8746	13311	26384

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1015	4990	3482	1584	8746	6086	1941	26384	18345

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 Limitting Curve

