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

lumini

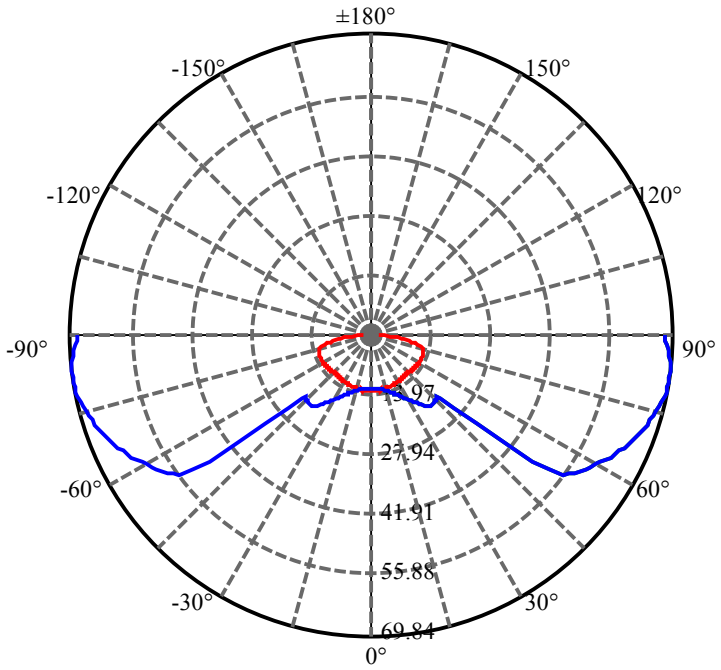
LumCAT:
Luminaire: pmr 37 w 2.5W 27K irc 90
LampCAT: modulo led 5Wm 27K irc 90
Ballast type: led line driver 12Vdc

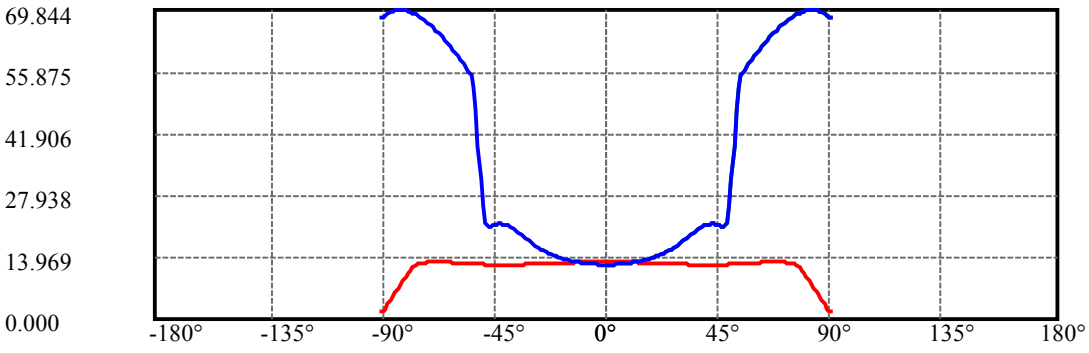
Report No:	Voltage(V): 127.9200
Test No:	Current(A): 0.0950
Number of Lamps: 1	Power (W): 12.0530
Lamp flux(lm): 650.0	PF: 0.9960
Length(mm): 370	Width(mm): 27
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 192.58, Efficiency(%): 29.63% , Luminous Efficacy(lm/W): 15.98
Central intensity(cd): 12.902, Maximum intensity(cd): 69.844
Angle of maximum intensity: C=90.0 γ=82.0
Beam angle of C90 plane : 158.25
Aveage BeamAngle(IEC 61341):167.33

Light Distribution Curve [Unit:cd]





C90(Max):

C0/C180:

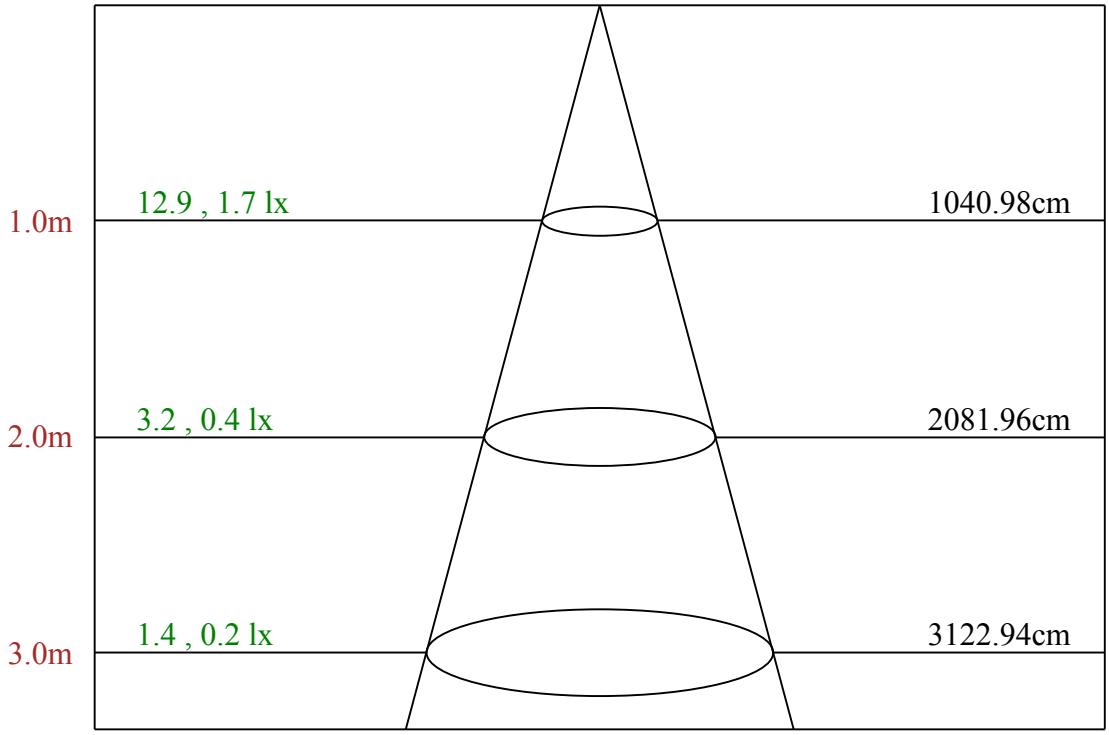
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 16/10/2026
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

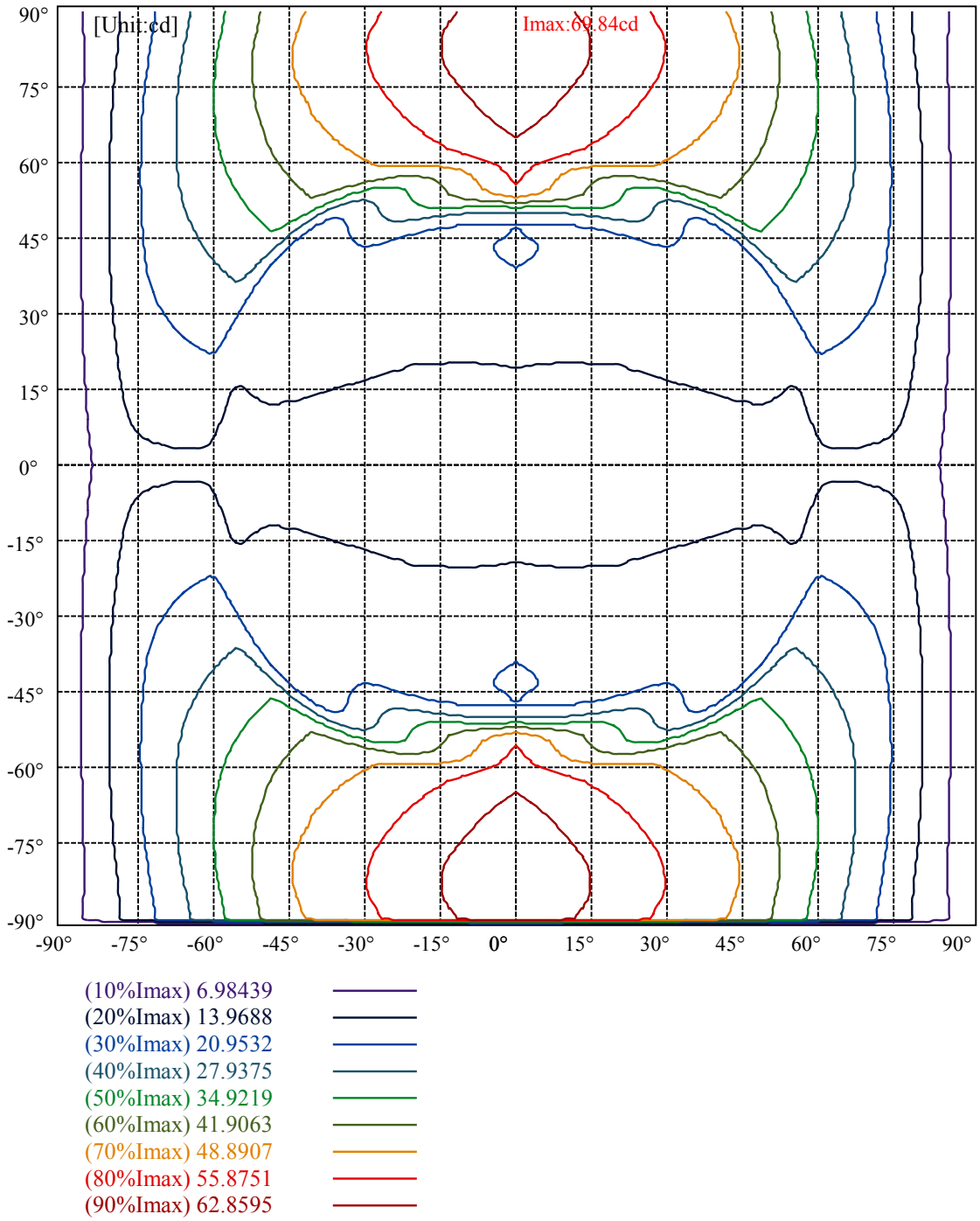
Lux distance Curve



Max , Ave

Beam angle of C90 plane 158.25

ISO-Intensity(V-H)



(10%Imax) 6.98439
(20%Imax) 13.9688
(30%Imax) 20.9532
(40%Imax) 27.9375
(50%Imax) 34.9219
(60%Imax) 41.9063
(70%Imax) 48.8907
(80%Imax) 55.8751
(90%Imax) 62.8595

Equipment: equipamento lumini
Temperature(°C): 25.5
Date: 16/10/2026
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	1736	1931	2185	2550	3050	3755	4806	5475	5988
C45	2581	2993	3193	6979	10530	13586	18418	27960	55488
C90	2989	4938	9771	12019	15054	19424	26433	40193	79862

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
3050	15054	10530	4806	26433	18418	5988	79862	55488

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

