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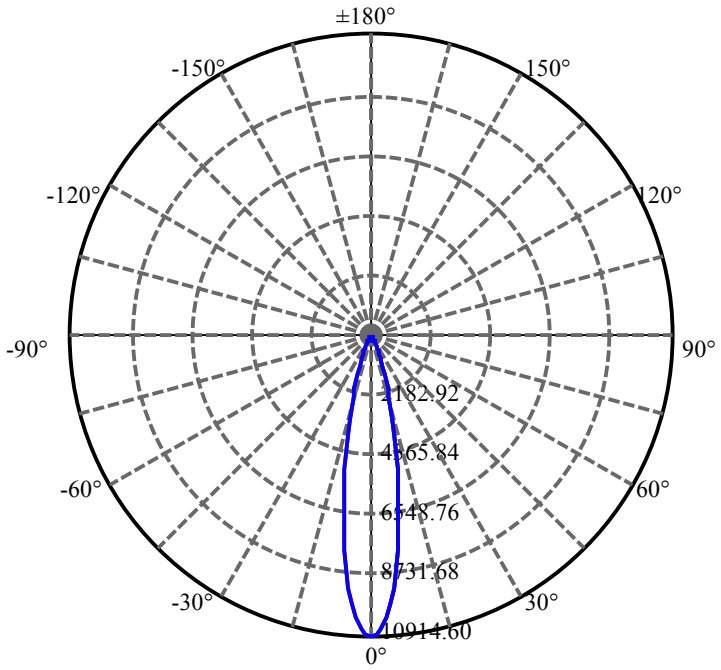
LumCAT:
Luminaire: mini frame concentra 34 serie 3 e fc
LampCAT: modulo led 24W 30K irc 90
Ballast type: led driver 700mA

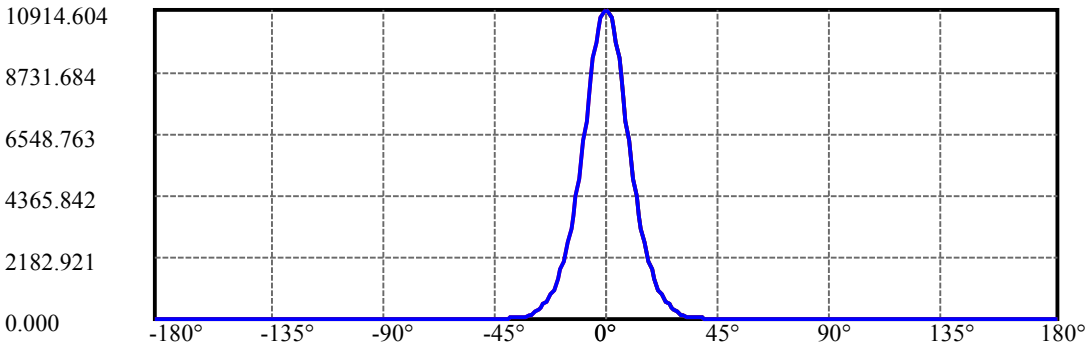
Report No:	Voltage(V): 127.6200
Test No:	Current(A): 0.2050
Number of Lamps: 1	Power (W): 25.9730
Lamp flux(lm): 2715.0	PF: 0.9940
Length(mm): 309	Width(mm): 17
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1904.99, Efficiency(%): 70.17% , Luminous Efficacy(lm/W): 73.35
Central intensity(cd): 10914.600, Maximum intensity(cd): 10914.600
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 20.45
Aveage BeamAngle(IEC 61341):20.45

Light Distribution Curve [Unit:cd]



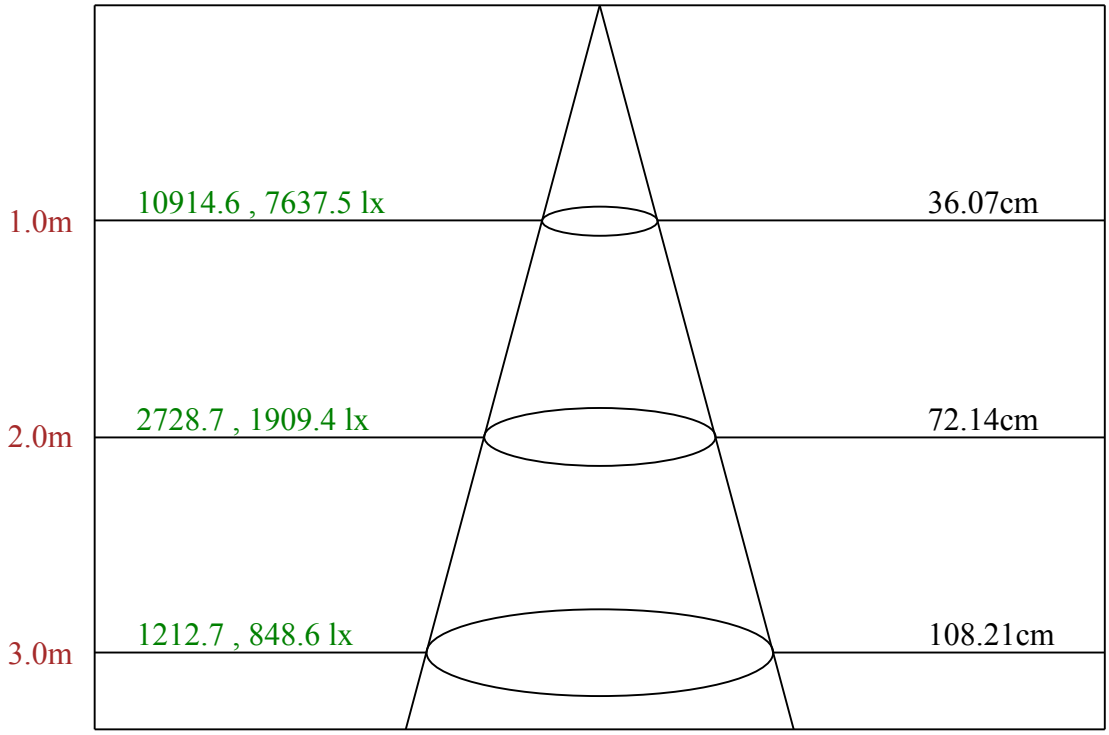


C0(Max):

C0/C180:

C90/C270:

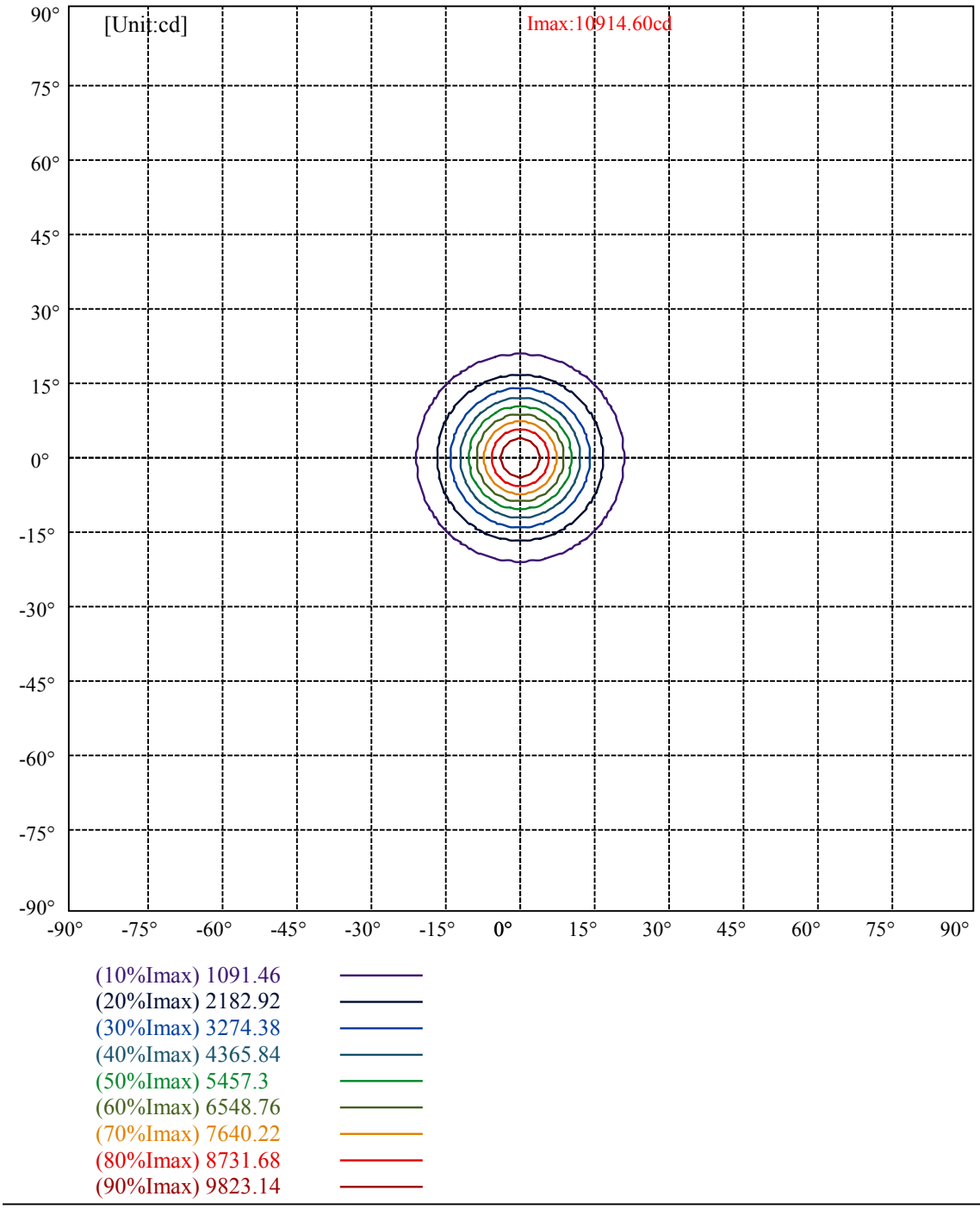
Lux distance Curve



Max , Ave

Beam angle of C0 plane 20.45

ISO-Intensity(V-H)



(10%Imax) 1091.46
(20%Imax) 2182.92
(30%Imax) 3274.38
(40%Imax) 4365.84
(50%Imax) 5457.3
(60%Imax) 6548.76
(70%Imax) 7640.22
(80%Imax) 8731.68
(90%Imax) 9823.14

Equipment: equipamento lumini
Temperature(°C): 25.5
Date: 12/05/2025
Humidity(%): 60.0%
Operator: 01
Distance(m): 6.90

Luminance Limitting Curve(no luminous side)

Luminance Table

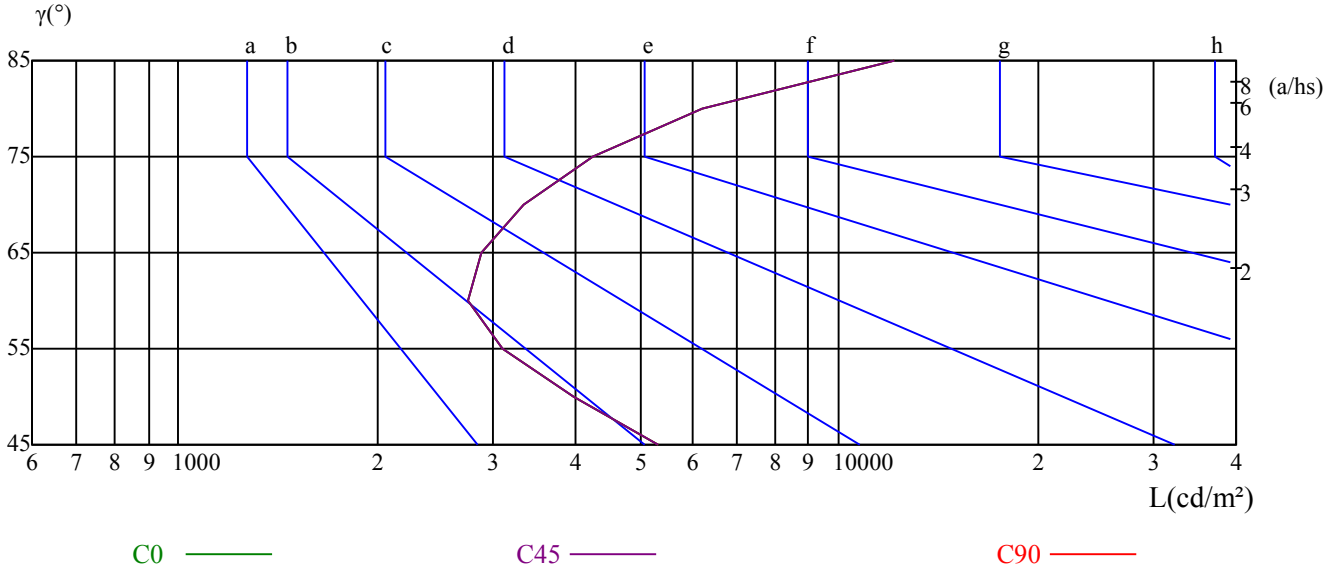
γ	45	50	55	60	65	70	75	80	85
C0	5322	3980	3099	2742	2882	3339	4250	6198	12180
C45	5322	3980	3099	2742	2882	3339	4250	6198	12180
C90	5322	3980	3099	2742	2882	3339	4250	6198	12180

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2882	2882	2882	4250	4250	4250	12180	12180	12180

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



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	9.07	9.96	9.47	10.32	10.69	8.91	9.81	9.31	10.16	10.53
	3H	9.68	10.47	10.10	10.85	11.25	9.53	10.33	9.96	10.71	11.10
	4H	10.26	10.99	10.70	11.39	11.80	10.12	10.85	10.56	11.25	11.67
	6H	11.19	11.87	11.65	12.28	12.73	11.07	11.74	11.52	12.16	12.60
	8H	11.83	12.47	12.29	12.90	13.35	11.71	12.35	12.17	12.78	13.24
	12H	12.68	13.28	13.14	13.72	14.18	12.55	13.15	13.01	13.59	14.05
4H	2H	9.07	9.80	9.51	10.20	10.62	8.92	9.66	9.36	10.06	10.47
	3H	9.94	10.56	10.40	10.99	11.46	9.81	10.43	10.28	10.87	11.33
	4H	10.82	11.35	11.29	11.81	12.31	10.70	11.24	11.18	11.70	12.19
	6H	12.04	12.51	12.55	13.00	13.50	11.94	12.41	12.45	12.90	13.40
	8H	12.89	13.33	13.41	13.82	14.34	12.79	13.23	13.32	13.73	14.25
	12H	13.97	14.37	14.50	14.86	15.43	13.86	14.26	14.38	14.75	15.31
8H	4H	11.14	11.58	11.66	12.07	12.59	11.04	11.48	11.56	11.97	12.49
	6H	12.69	13.04	13.23	13.56	14.12	12.60	12.96	13.14	13.47	14.03
	8H	13.81	14.10	14.38	14.66	15.20	13.73	14.02	14.30	14.58	15.12
	12H	15.15	15.38	15.73	15.93	16.50	15.06	15.28	15.63	15.83	16.40
12H	4H	11.25	11.65	11.77	12.14	12.70	11.15	11.55	11.68	12.04	12.61
	6H	12.96	13.26	13.53	13.81	14.36	12.88	13.18	13.45	13.74	14.28
	8H	14.16	14.39	14.74	14.94	15.51	14.09	14.32	14.67	14.87	15.44
Variation with the observer position at spacings:											
S = 1.0H		1.7/-1.2					1.7/-1.2				
S = 1.5H		2.0/-1.2					2.0/-1.2				
S = 2.0H		2.3/-1.3					2.3/-1.3				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-3.3					-3.3				

依据CIE Publ. 117 计算 UGR，S/H = 0.25