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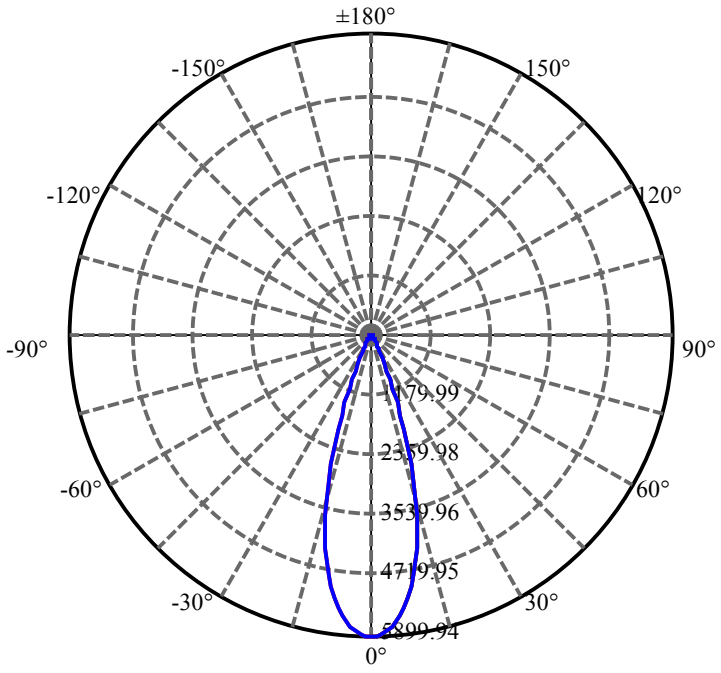
LumCAT:
Luminaire: mini frame darklight 50 serie 2 e fm
LampCAT: modulo led 18W 30K irc 90
Ballast type: led driver 700mA

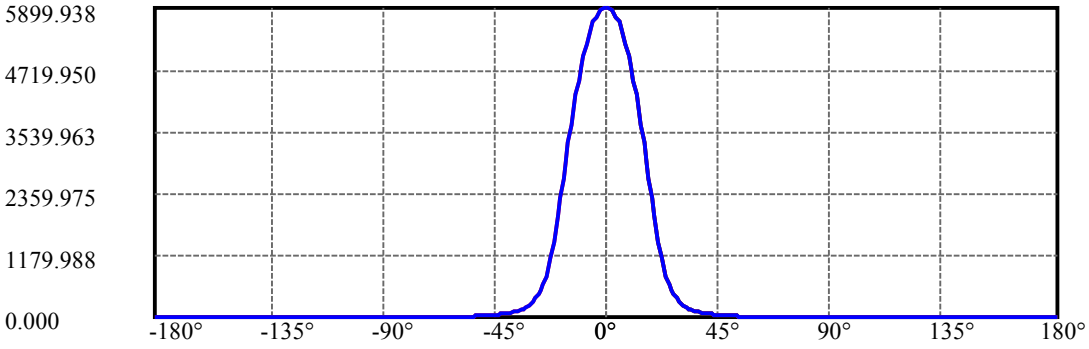
Report No:	Voltage(V): 127.0300
Test No:	Current(A): 0.1650
Number of Lamps: 1	Power (W): 20.7490
Lamp flux(lm): 2190.0	PF: 0.9890
Length(mm): 486	Width(mm): 25
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1896.59, Efficiency(%): 86.60% , Luminous Efficacy(lm/W): 91.41
Central intensity(cd): 5899.938, Maximum intensity(cd): 5899.938
Angle of maximum intensity: C=0.0 γ=0.0
Beam angle of C0 plane : 32.15
Aveage BeamAngle(IEC 61341):32.15

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

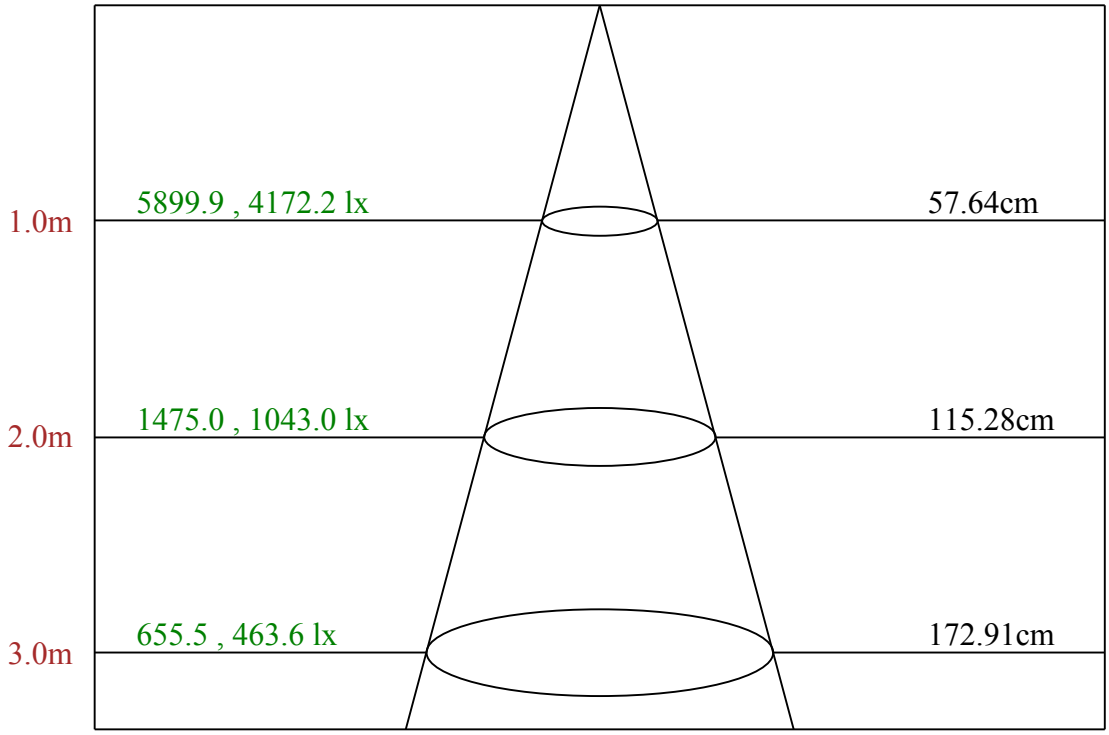
C90/C270:

Equipment: equipamento lumini
Temperature(°C): 25.4

Date: 14/02/2025
Humidity(%): 66.0%

Operator: 01
Distance(m): 6.90

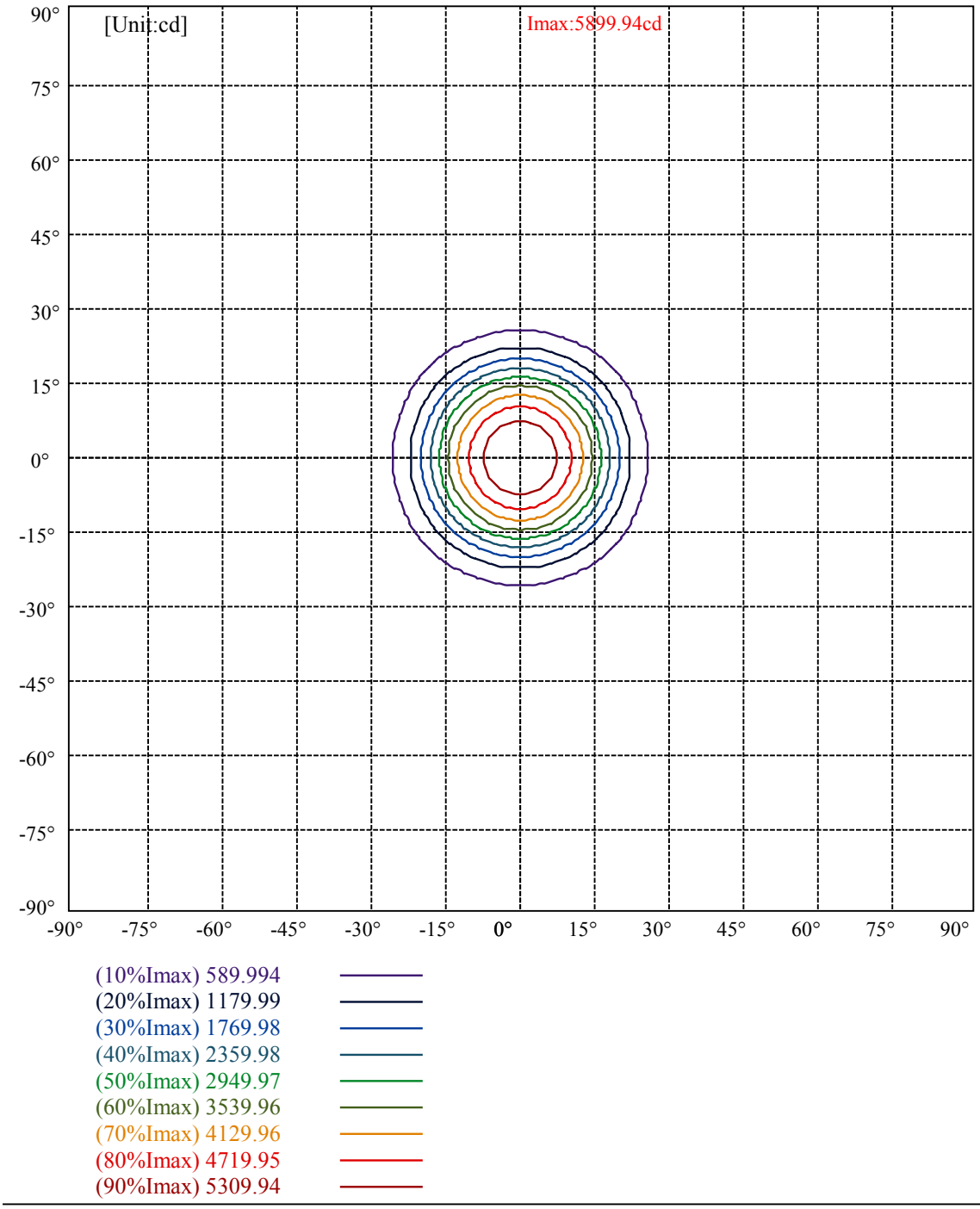
Lux distance Curve



Max , Ave

Beam angle of C0 plane 32.15

ISO-Intensity(V-H)



(10%Imax) 589.994
(20%Imax) 1179.99
(30%Imax) 1769.98
(40%Imax) 2359.98
(50%Imax) 2949.97
(60%Imax) 3539.96
(70%Imax) 4129.96
(80%Imax) 4719.95
(90%Imax) 5309.94

Luminance Limitting Curve(no luminous side)

Luminance Table

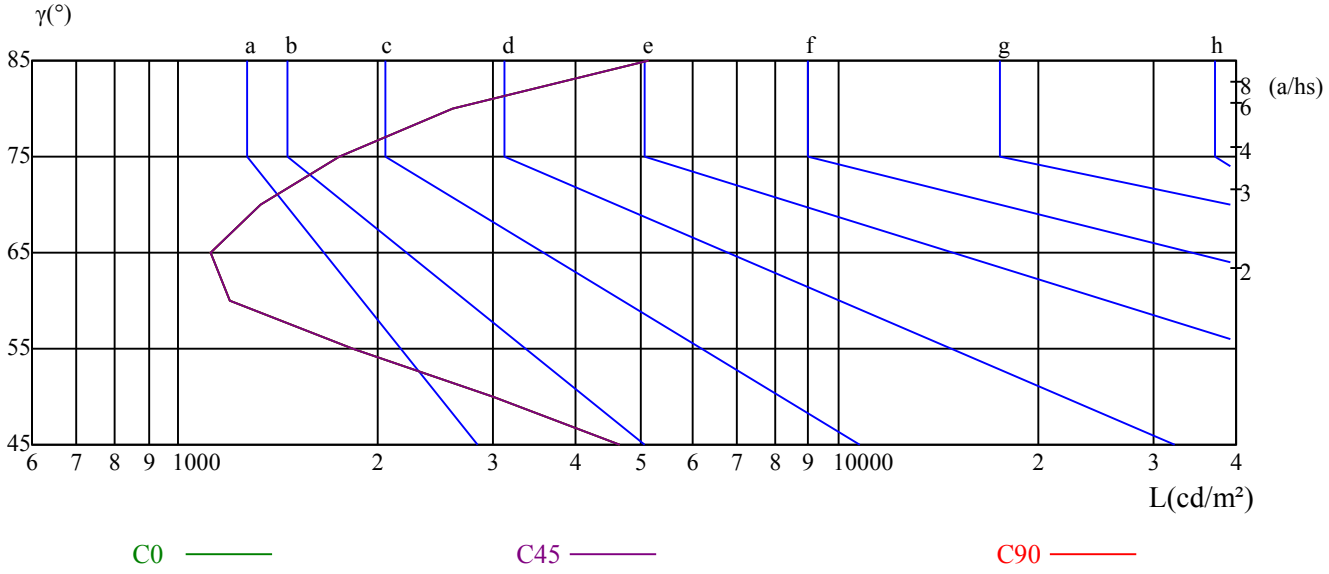
γ	45	50	55	60	65	70	75	80	85
C0	4654	3002	1838	1195	1122	1328	1752	2601	5159
C45	4654	3002	1838	1195	1122	1328	1752	2601	5159
C90	4654	3002	1838	1195	1122	1328	1752	2601	5159

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1122	1122	1122	1752	1752	1752	5159	5159	5159

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



UGR Glare

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	8.09	9.00	8.49	9.35	9.72	9.47	10.37	9.87	10.73	11.10
	3H	8.25	9.06	8.68	9.44	9.83	9.51	10.32	9.94	10.70	11.09
	4H	8.53	9.28	8.97	9.67	10.09	9.68	10.43	10.12	10.83	11.24
	6H	9.12	9.80	9.58	10.22	10.67	10.10	10.79	10.56	11.20	11.65
	8H	9.56	10.21	10.02	10.64	11.10	10.43	11.08	10.89	11.51	11.97
	12H	10.20	10.82	10.67	11.25	11.72	10.94	11.55	11.40	11.99	12.46
4H	2H	7.94	8.69	8.38	9.08	9.50	9.25	10.00	9.69	10.40	10.81
	3H	8.25	8.87	8.71	9.31	9.77	9.40	10.02	9.86	10.46	10.93
	4H	8.77	9.31	9.24	9.77	10.27	9.77	10.31	10.24	10.77	11.26
	6H	9.63	10.10	10.14	10.59	11.09	10.41	10.89	10.92	11.38	11.88
	8H	10.30	10.74	10.82	11.24	11.76	10.96	11.40	11.48	11.90	12.42
	12H	11.21	11.62	11.74	12.11	12.67	11.74	12.14	12.26	12.63	13.20
8H	4H	8.93	9.37	9.45	9.87	10.39	9.84	10.28	10.36	10.78	11.30
	6H	10.10	10.46	10.64	10.97	11.53	10.76	11.12	11.30	11.63	12.19
	8H	11.05	11.35	11.62	11.91	12.45	11.57	11.87	12.14	12.43	12.98
	12H	12.25	12.48	12.83	13.03	13.60	12.64	12.86	13.21	13.42	13.98
12H	4H	9.00	9.41	9.53	9.90	10.46	9.88	10.29	10.41	10.78	11.34
	6H	10.33	10.63	10.90	11.19	11.73	10.95	11.25	11.52	11.81	12.35
	8H	11.37	11.60	11.94	12.15	12.72	11.84	12.07	12.42	12.62	13.19
Variation with the observer position at spacings:											
S = 1.0H		3.1/-3.1					3.1/-3.1				
S = 1.5H		4.4/-2.5					4.4/-2.5				
S = 2.0H		5.2/-2.1					5.2/-2.1				
Standard tables:		BK4					BK4				
Uncorrected UGR		-6.8					-6.8				

依据CIE Publ. 117 计算 UGR，S/H = 0.25