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LumCAT:

Luminaire: mini frame darklight 8 serie 2 e fa

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 128.5000

Test No:

Current(A): 0.0980

Number of Lamps: 1

Power (W): 12.6000

Lamp flux(lm): 700.0

PF: 0.9990

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 492.75, Efficiency(%): 70.39% , Luminous Efficacy(lm/W): 39.11

Central intensity(cd): 847.839, Maximum intensity(cd): 847.839

Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

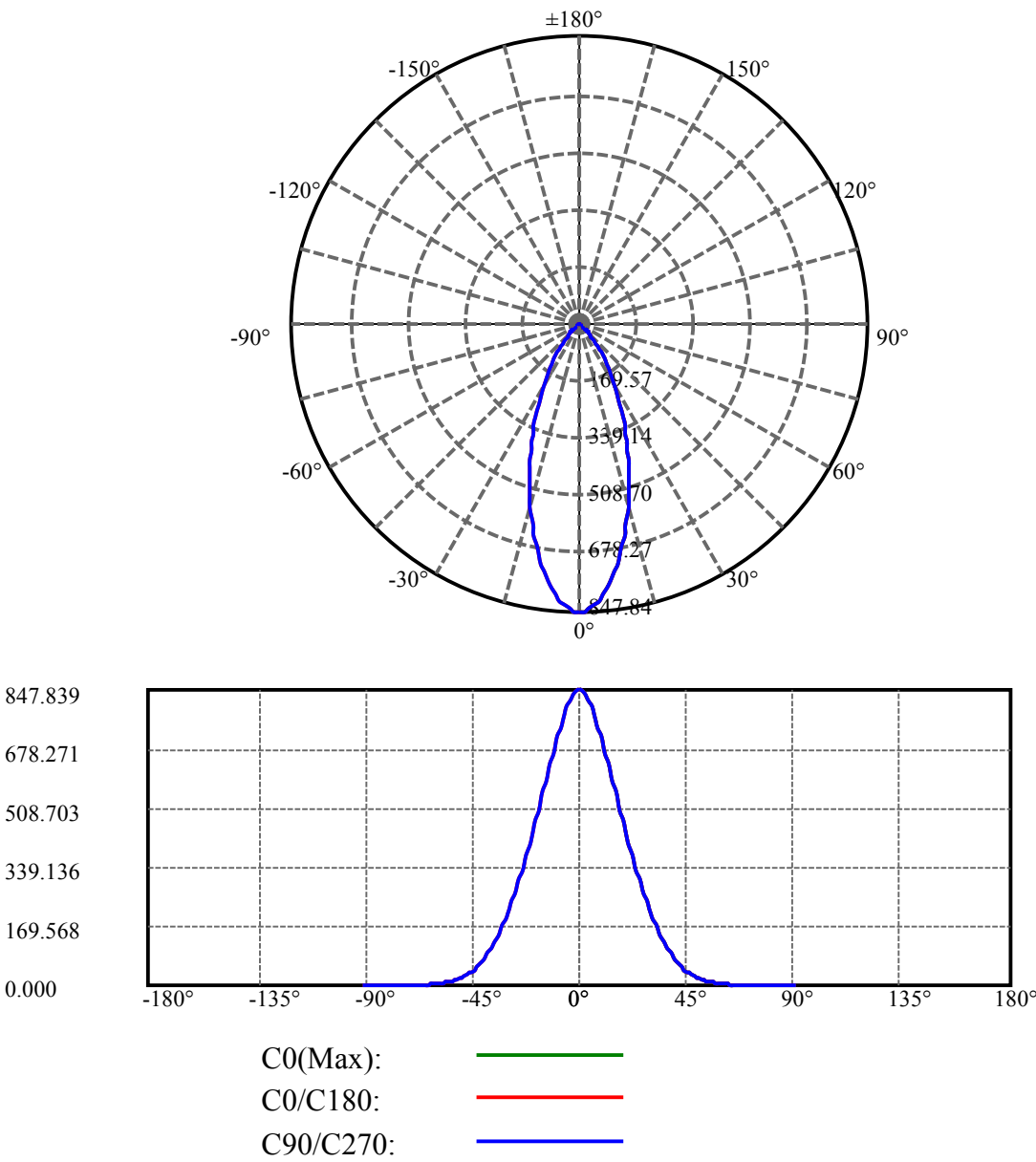
Beam angle of C0 plane : 39.92

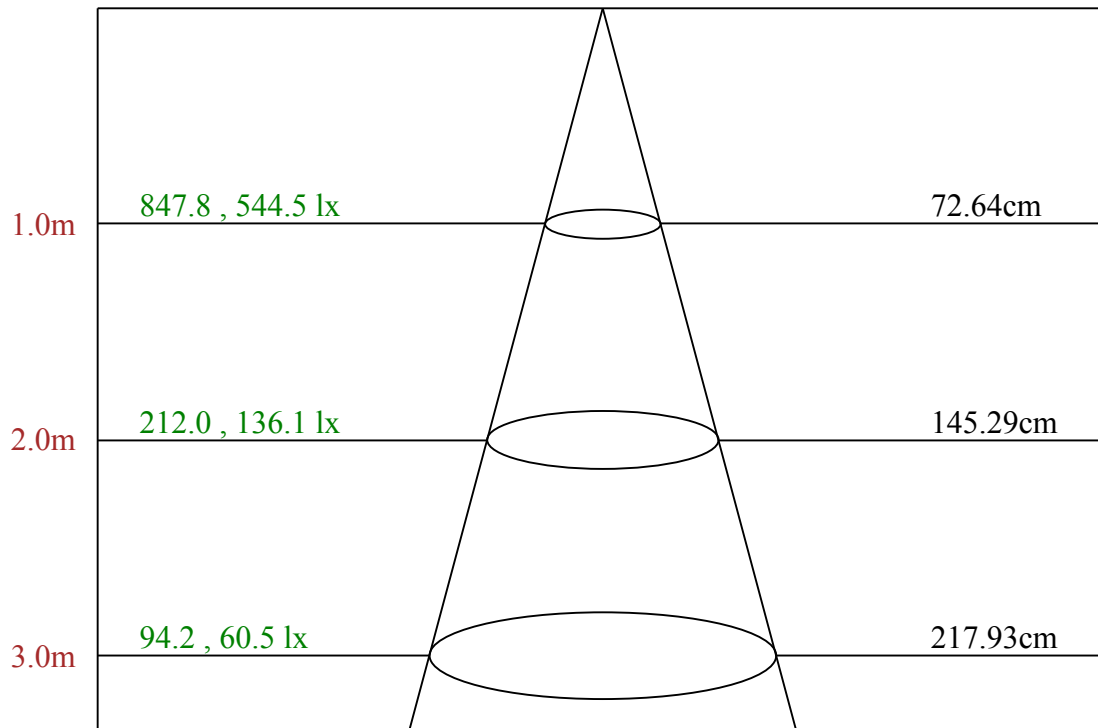
Aveage BeamAngle(IEC 61341):39.92

Equipment: equipamento lumini
Temperature(°C): 25.5

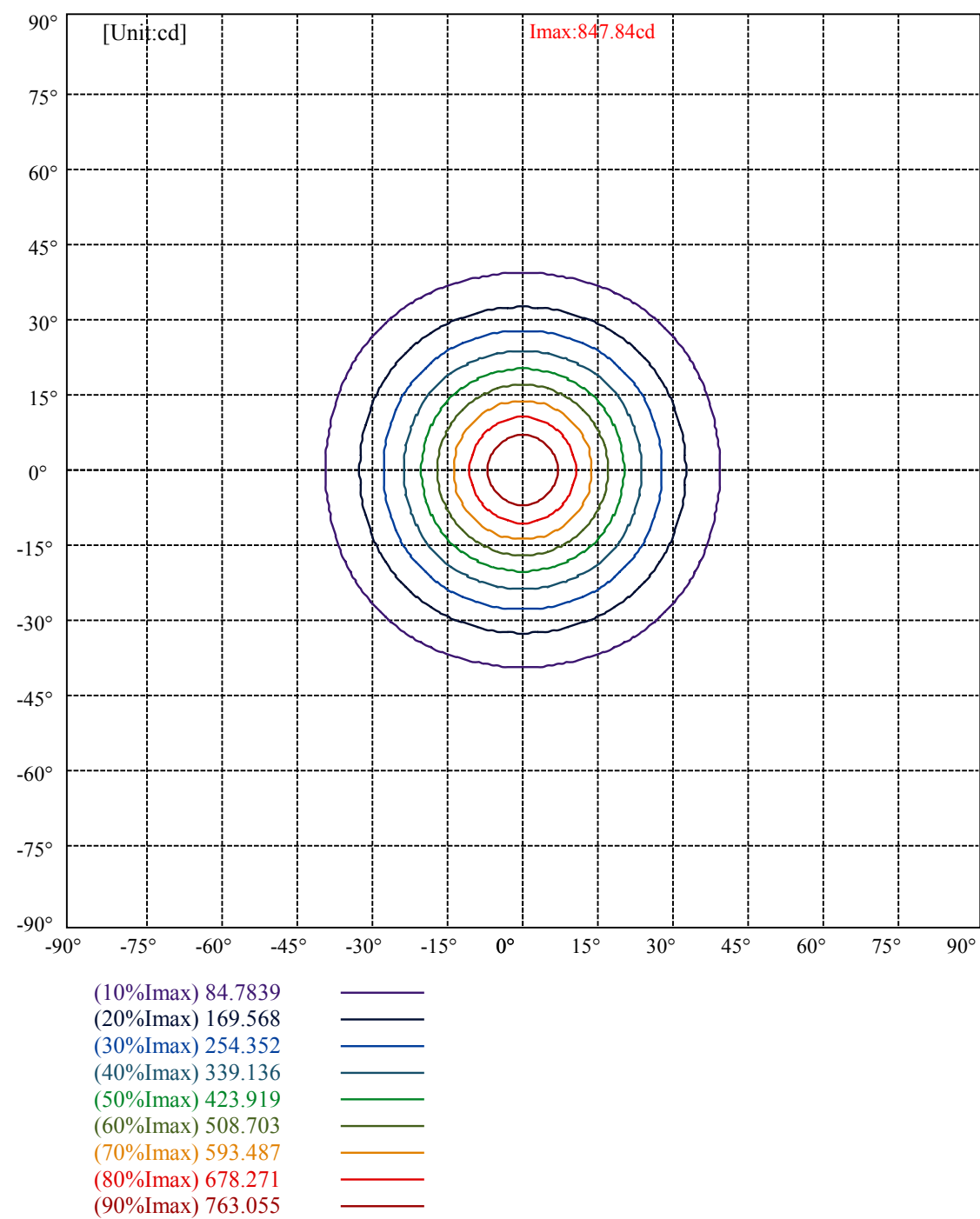
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 39.92



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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	27867	15527	8435	4118	2211	1810	2253	3359	6623
C45	27867	15527	8435	4118	2211	1810	2253	3359	6623
C90	27867	15527	8435	4118	2211	1810	2253	3359	6623

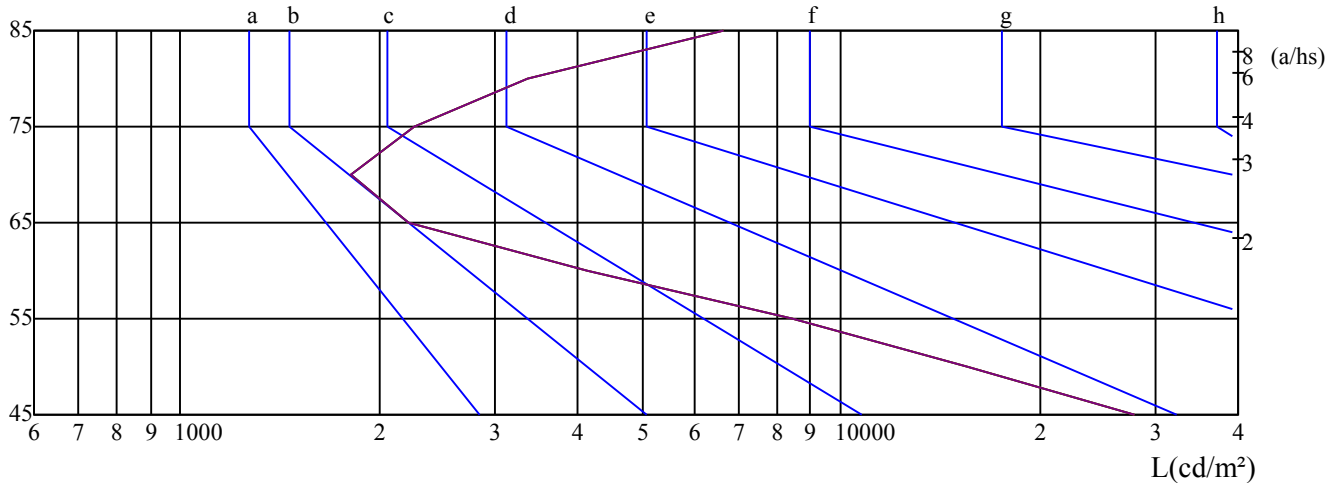
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2211	2211	2211	2253	2253	2253	6623	6623	6623

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($^{\circ}$ C): 25.5

Date: 7/24/2024
Humidity(%): 55.0%

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	18.64	19.64	19.00	19.96	20.27	19.57	20.58	19.93	20.89	21.20
	3H	18.46	19.35	18.84	19.69	20.03	19.39	20.28	19.77	20.62	20.96
	4H	18.38	19.20	18.78	19.56	19.92	19.30	20.13	19.70	20.48	20.85
	6H	18.33	19.08	18.75	19.46	19.86	19.25	20.01	19.67	20.38	20.78
	8H	18.29	19.01	18.71	19.40	19.80	19.21	19.93	19.63	20.32	20.72
	12H	18.28	18.96	18.70	19.35	19.77	19.19	19.88	19.62	20.27	20.69
4H	2H	18.40	19.23	18.80	19.58	19.95	19.31	20.14	19.71	20.49	20.86
	3H	18.20	18.88	18.62	19.28	19.70	19.10	19.79	19.53	20.18	20.60
	4H	18.16	18.75	18.60	19.17	19.62	19.06	19.65	19.50	20.07	20.52
	6H	18.09	18.61	18.56	19.06	19.52	18.98	19.50	19.45	19.96	20.41
	8H	18.10	18.58	18.58	19.04	19.51	18.98	19.47	19.47	19.92	20.40
	12H	18.15	18.60	18.64	19.05	19.57	19.03	19.48	19.52	19.93	20.45
8H	4H	17.98	18.47	18.47	18.92	19.40	18.88	19.36	19.36	19.82	20.29
	6H	17.94	18.34	18.45	18.82	19.33	18.82	19.21	19.32	19.69	20.21
	8H	18.03	18.37	18.57	18.89	19.39	18.90	19.23	19.43	19.76	20.25
	12H	18.16	18.42	18.70	18.94	19.46	19.01	19.28	19.56	19.79	20.32
12H	4H	17.94	18.39	18.43	18.84	19.36	18.83	19.28	19.32	19.73	20.25
	6H	17.95	18.29	18.48	18.81	19.30	18.82	19.16	19.35	19.68	20.17
	8H	18.03	18.29	18.57	18.81	19.33	18.88	19.15	19.43	19.66	20.19
Variation with the observer position at spacings:											
S = 1.0H		3.8/-6.9					3.8/-6.9				
S = 1.5H		6.3/-9.5					6.3/-9.5				
S = 2.0H		8.3/-8.9					8.3/-8.9				
Standard tables:		BK0					BK0				
Uncorrected UGR		0.4					0.4				

依据CIE Publ. 117 计算 UGR, S/H = 0.25