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lumini

LumCAT:

Luminaire: micro track diffuse performa 30

LampCAT: modulo led 10W 27K irc 90

Ballast type:

Report No:

Voltage(V): 126.0000

Test No:

Current(A): 0.1120

Number of Lamps: 1

Power (W): 14.1120

Lamp flux(lm): -1.0

PF: 0.0000

Length(mm): 300

Width(mm): 20

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 349.37, Efficiency(%): 0.00% , Luminous Efficacy(lm/W): 24.76

Central intensity(cd): 130.094, Maximum intensity(cd): 130.094

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

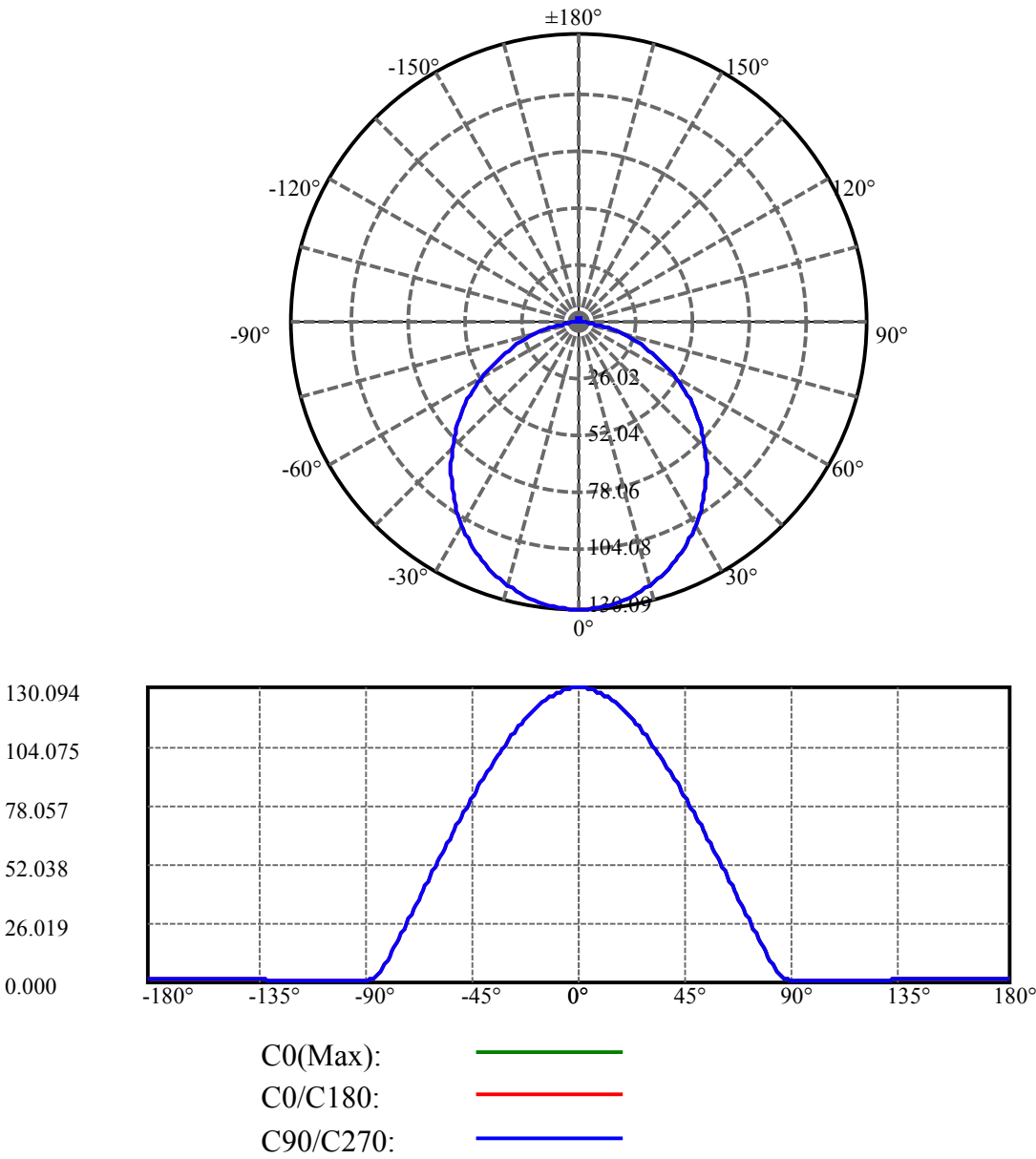
Beam angle of C0 plane : 106.33

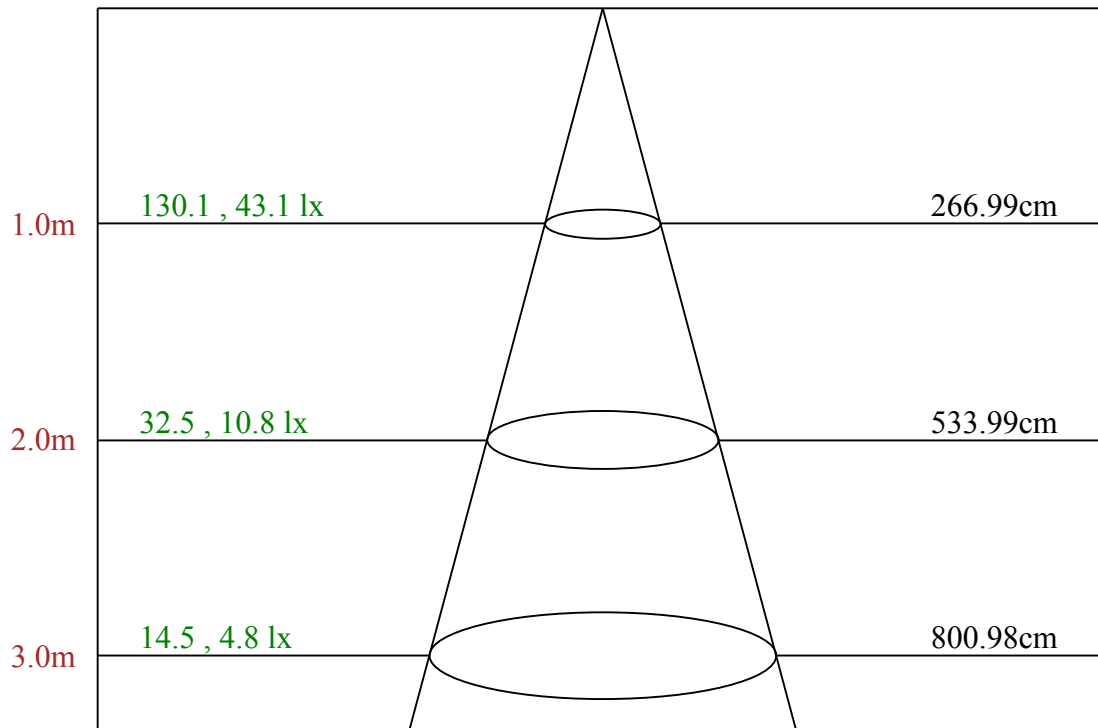
Average BeamAngle(IEC 61341): 106.33

Equipment: equipamento lumini
Temperature(°C): 25.4

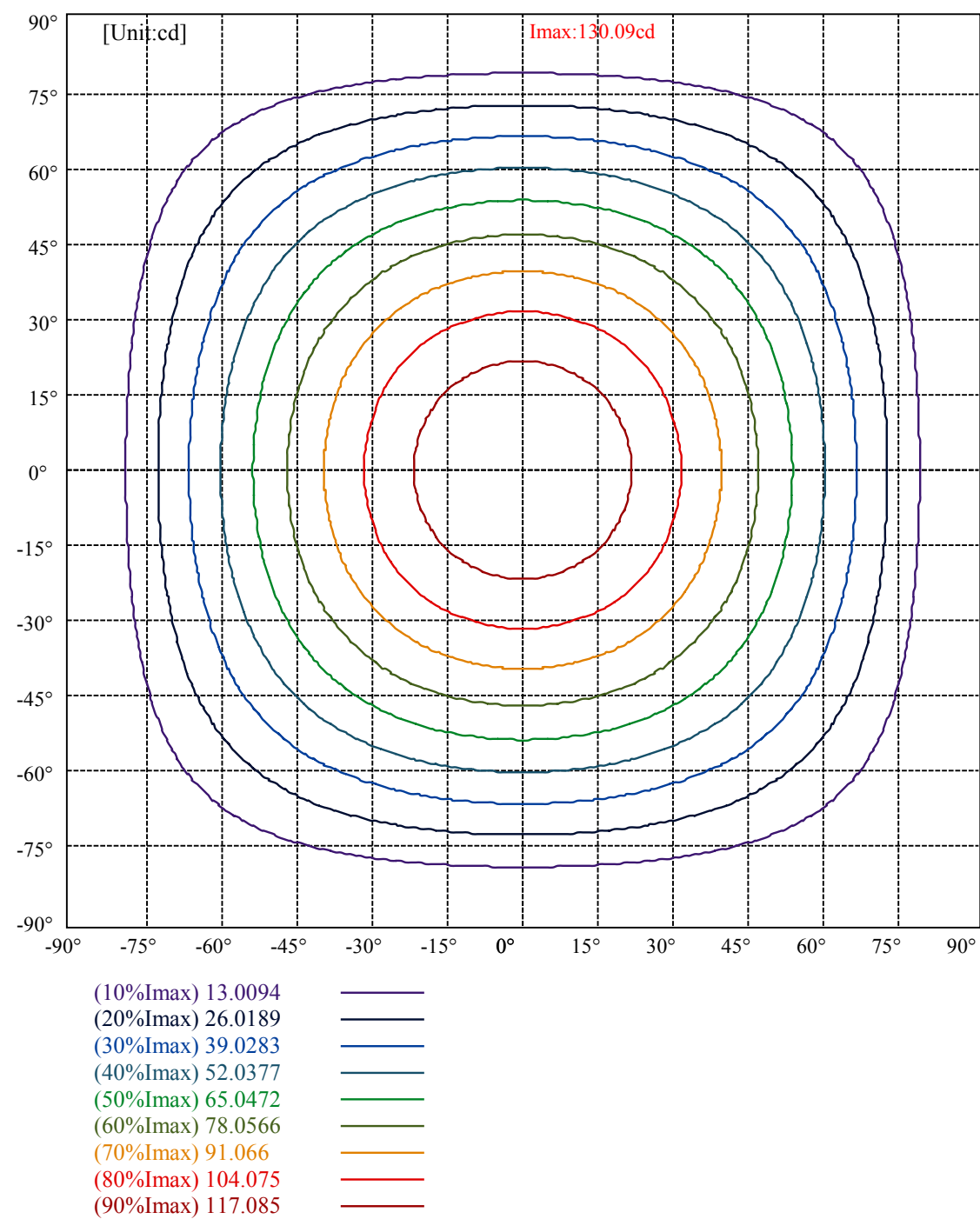
Date: 25/11/2024
Humidity(%): 69.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 106.33



Luminance Table

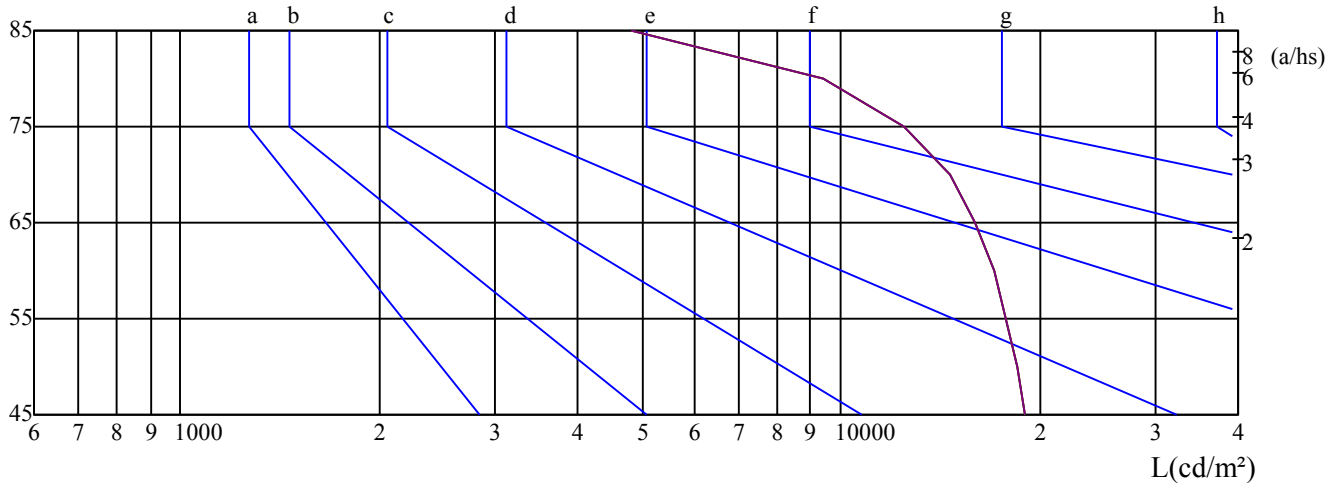
γ	45	50	55	60	65	70	75	80	85
C0	19007	18466	17838	17058	16028	14610	12478	9442	4803
C45	19007	18466	17838	17058	16028	14610	12478	9442	4803
C90	19007	18466	17838	17058	16028	14610	12478	9442	4803

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
16028	16028	16028	12478	12478	12478	4803	4803	4803

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 ———

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	21.78	23.35	22.18	23.70	24.07	22.23	23.79	22.62	24.15	24.51
	3H	23.10	24.51	23.51	24.89	25.28	23.74	25.15	24.16	25.54	25.93
	4H	23.44	24.77	23.87	25.16	25.57	24.23	25.55	24.65	25.94	26.36
	6H	23.57	24.81	24.01	25.21	25.66	24.51	25.74	24.95	26.15	26.59
	8H	23.53	24.72	23.98	25.14	25.59	24.54	25.72	24.98	26.14	26.59
	12H	23.48	24.62	23.93	25.05	25.51	24.52	25.66	24.97	26.08	26.54
4H	2H	22.48	23.81	22.91	24.20	24.61	22.83	24.16	23.26	24.55	24.96
	3H	23.92	25.04	24.37	25.47	25.93	24.47	25.59	24.92	26.02	26.48
	4H	24.40	25.39	24.86	25.85	26.33	25.09	26.09	25.56	26.54	27.03
	6H	24.54	25.43	25.04	25.91	26.40	25.41	26.30	25.90	26.78	27.27
	8H	24.54	25.36	25.04	25.85	26.36	25.48	26.31	25.98	26.79	27.30
	12H	24.52	25.29	25.03	25.76	26.31	25.50	26.27	26.01	26.74	27.29
8H	4H	24.59	25.42	25.10	25.90	26.41	25.23	26.06	25.73	26.54	27.05
	6H	24.79	25.48	25.31	25.98	26.52	25.60	26.29	26.13	26.80	27.34
	8H	24.84	25.44	25.38	25.98	26.52	25.75	26.35	26.29	26.89	27.43
	12H	24.82	25.33	25.37	25.87	26.42	25.77	26.28	26.33	26.83	27.38
12H	4H	24.59	25.36	25.10	25.84	26.39	25.22	25.99	25.73	26.46	27.01
	6H	24.84	25.44	25.38	25.98	26.52	25.64	26.25	26.19	26.79	27.32
	8H	24.86	25.36	25.41	25.91	26.46	25.75	26.26	26.30	26.80	27.35
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.5					0.3/-0.5				
S = 1.5H		0.7/-0.7					0.7/-0.7				
S = 2.0H		1.0/-0.9					1.0/-0.9				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.7					7.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25