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LumCAT:

Luminaire: piccolo 140 s

LampCAT: modulo led 8W 27K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.9000

Test No:

Current(A): 0.0650

Number of Lamps: 1

Power (W): 6.5680

Lamp flux(lm): 802.0

PF: 0.7900

Length(mm): 140

Width(mm): 140

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 239.77, Efficiency(%): 29.90% , Luminous Efficacy(lm/W): 36.51

Central intensity(cd): 149.543, Maximum intensity(cd): 149.543

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

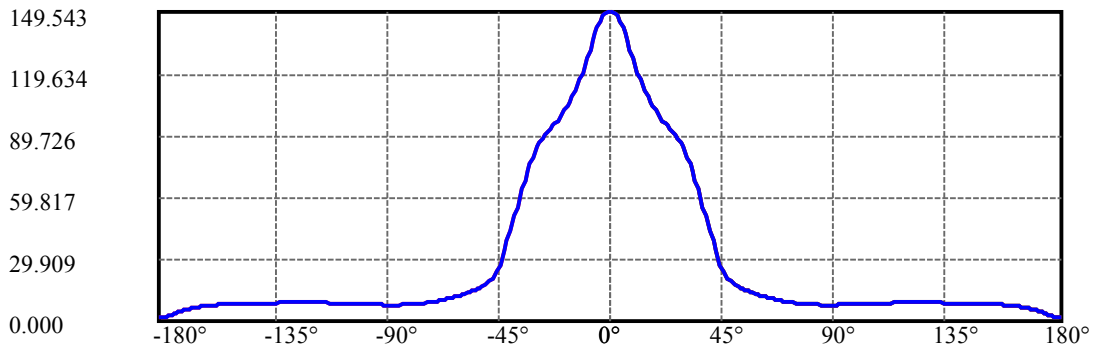
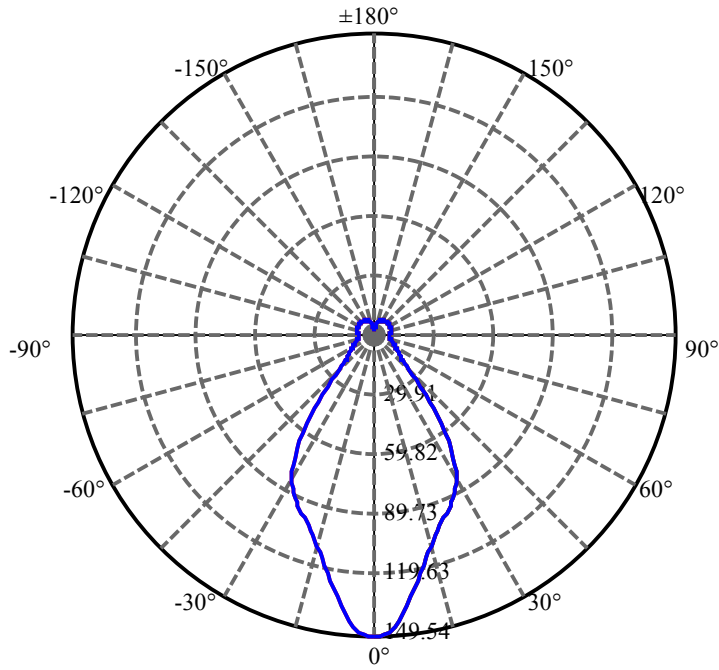
Beam angle of C0 plane : 64.81

Aveage BeamAngle(IEC 61341):64.81

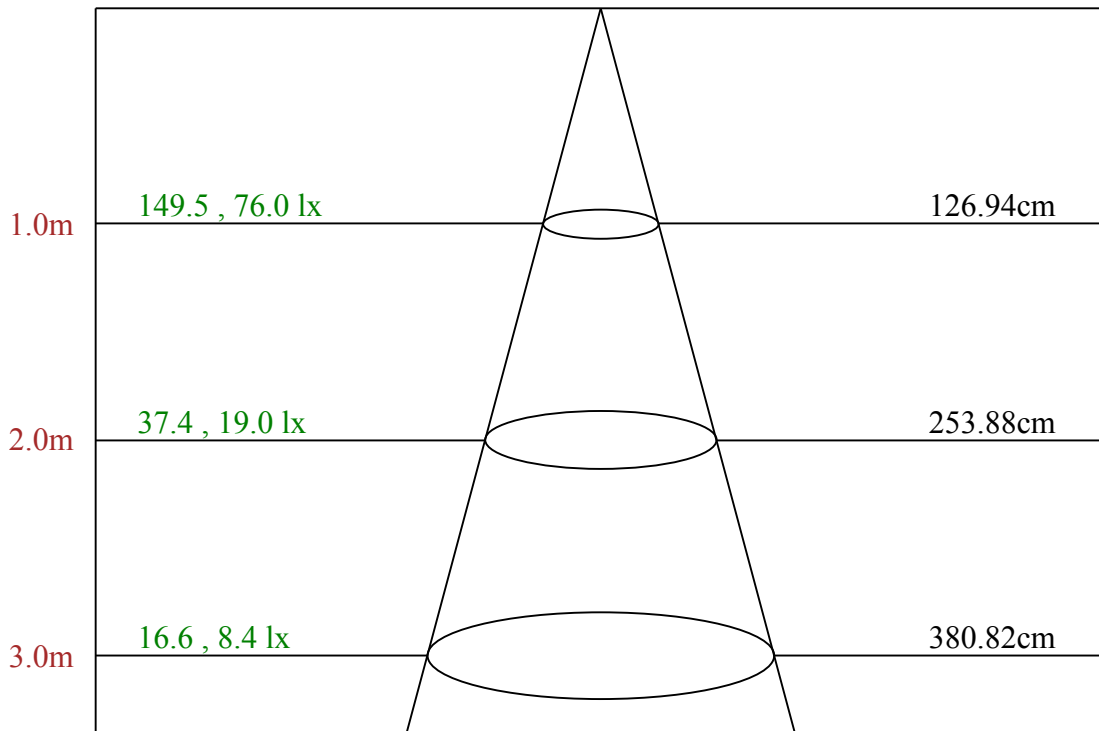
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 16/12/2025
Humidity(%): 64.0%

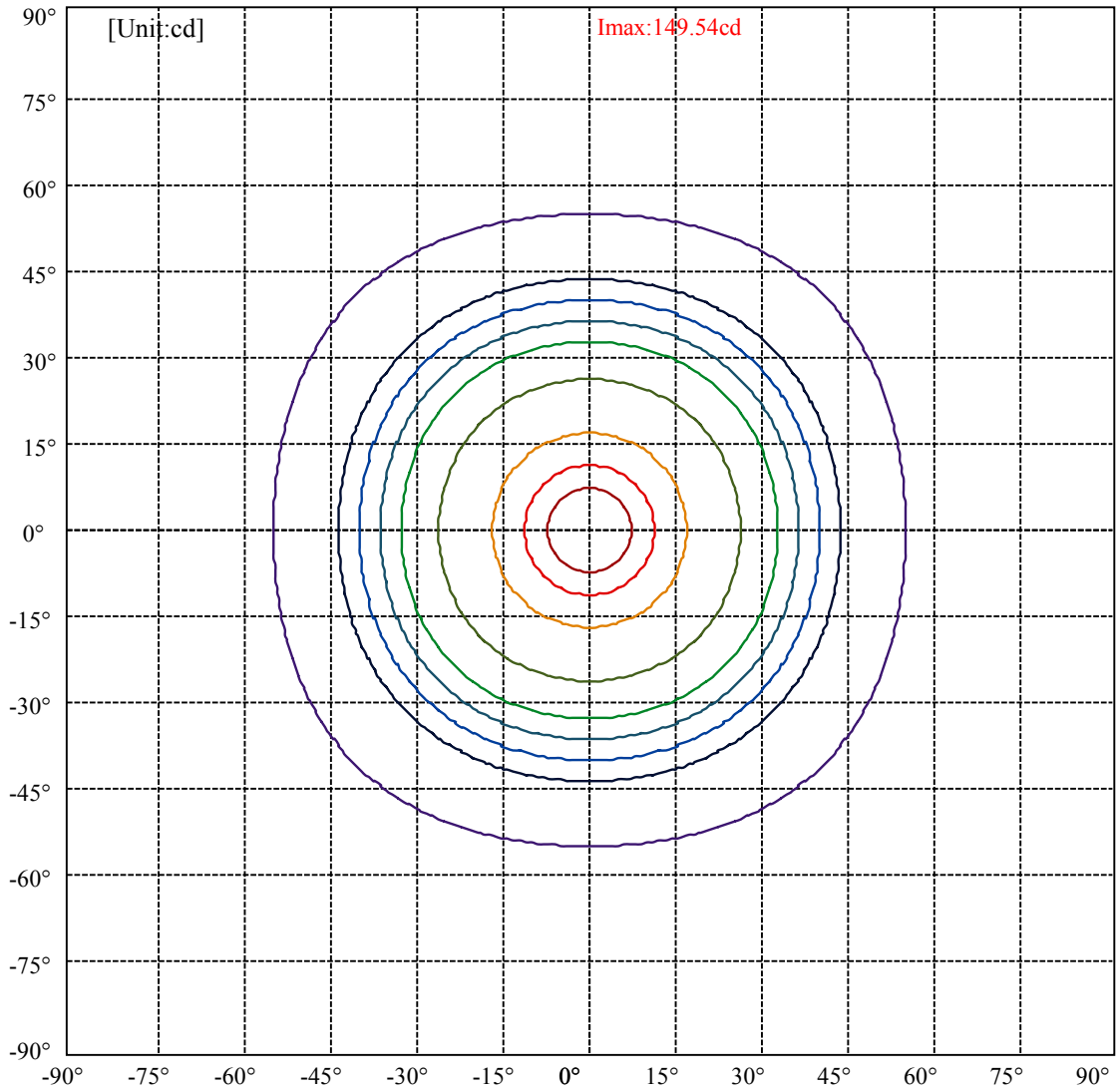
Operator: 01
Distance(m): 6.90



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 64.81



(10%Imax) 14.9543	—
(20%Imax) 29.9086	—
(30%Imax) 44.8629	—
(40%Imax) 59.8172	—
(50%Imax) 74.7715	—
(60%Imax) 89.7258	—
(70%Imax) 104.68	—
(80%Imax) 119.634	—
(90%Imax) 134.589	—

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Luminance Limiting Curve(no luminous side)

Luminance Table

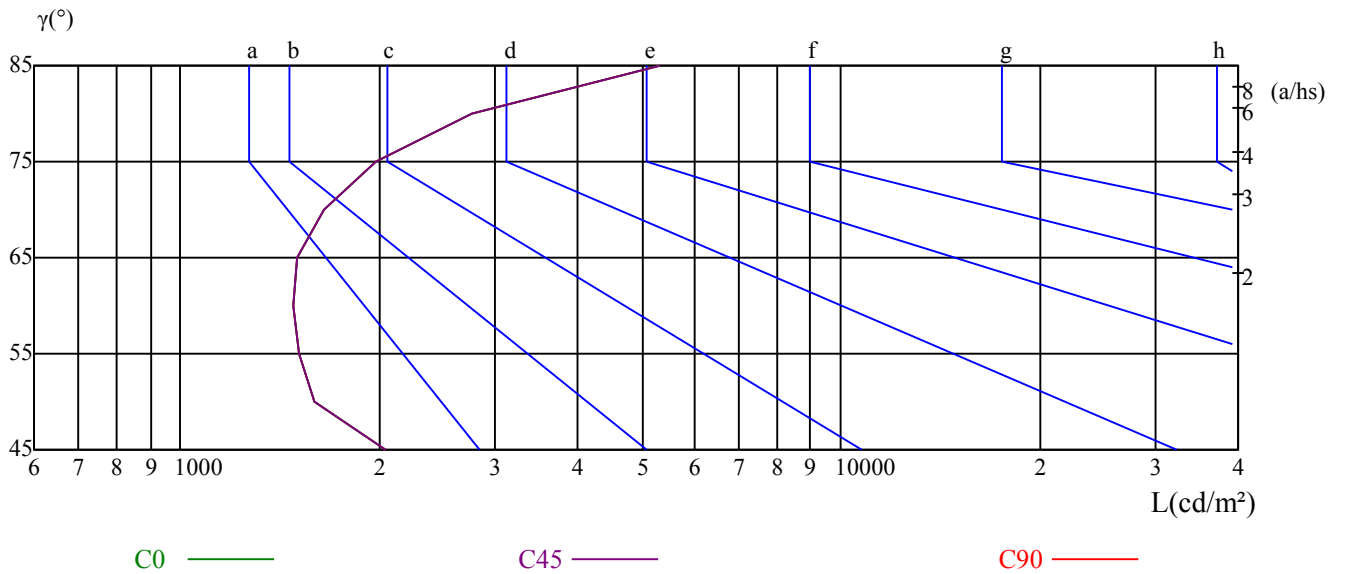
γ	45	50	55	60	65	70	75	80	85
C0	2040	1598	1510	1480	1507	1648	1978	2762	5313
C45	2040	1598	1510	1480	1507	1648	1978	2762	5313
C90	2040	1598	1510	1480	1507	1648	1978	2762	5313

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1507	1507	1507	1978	1978	1978	5313	5313	5313

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



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	12.10	13.13	12.79	13.83	14.64	12.17	13.20	12.86	13.90	14.71
	3H	13.35	14.29	14.06	15.00	15.83	13.41	14.35	14.12	15.06	15.89
	4H	14.16	15.04	14.88	15.76	16.61	14.21	15.09	14.93	15.81	16.66
	6H	15.24	16.06	15.97	16.79	17.66	15.31	16.13	16.04	16.86	17.73
	8H	15.90	16.69	16.64	17.43	18.30	15.99	16.78	16.72	17.51	18.39
	12H	16.74	17.50	17.48	18.24	19.12	16.83	17.59	17.57	18.33	19.21
4H	2H	12.45	13.33	13.17	14.05	14.90	12.51	13.39	13.23	14.11	14.96
	3H	14.00	14.76	14.73	15.50	16.38	14.04	14.80	14.78	15.54	16.42
	4H	15.09	15.76	15.83	16.52	17.42	15.13	15.81	15.88	16.56	17.47
	6H	16.39	17.00	17.16	17.78	18.68	16.45	17.06	17.22	17.84	18.74
	8H	17.23	17.80	18.01	18.57	19.49	17.30	17.87	18.08	18.65	19.57
	12H	18.26	18.79	19.04	19.56	20.51	18.35	18.87	19.13	19.64	20.60
8H	4H	15.52	16.09	16.30	16.87	17.79	15.56	16.13	16.34	16.91	17.82
	6H	17.12	17.60	17.92	18.39	19.34	17.17	17.65	17.97	18.44	19.39
	8H	18.21	18.63	19.02	19.45	20.39	18.28	18.70	19.09	19.52	20.46
	12H	19.48	19.83	20.29	20.65	21.60	19.55	19.91	20.37	20.73	21.68
12H	4H	15.65	16.18	16.43	16.95	17.90	15.68	16.21	16.47	16.98	17.94
	6H	17.41	17.83	18.22	18.64	19.59	17.46	17.87	18.27	18.69	19.63
	8H	18.56	18.91	19.37	19.74	20.69	18.62	18.98	19.44	19.80	20.75
Variation with the observer position at spacings:											
S = 1.0H	0.6/-1.0					0.6/-1.0					
S = 1.5H	0.8/-1.1					0.8/-1.1					
S = 2.0H	0.8/-1.0					0.8/-1.0					
Standard tables:	BKBF					BKBF					
Uncorrected UGR	2.2					2.2					

依据CIE Publ. 117 计算 UGR, S/H = 0.25