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lumini

LumCAT:

Luminaire: ginga t

LampCAT: modulo led tr 12W 27K irc 90

Ballast type:

Report No:

Voltage(V): 127.7800

Test No:

Current(A): 0.1050

Number of Lamps: 1

Power (W): 12.4870

Lamp flux(lm): 1345.0

PF: 0.9320

Length(mm): 138

Width(mm): 138

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 840.19, Efficiency(%): 62.47% , Luminous Efficacy(lm/W): 67.28

Central intensity(cd): 304.621, Maximum intensity(cd): 304.651

Angle of maximum intensity: C=0.0 γ =1.0

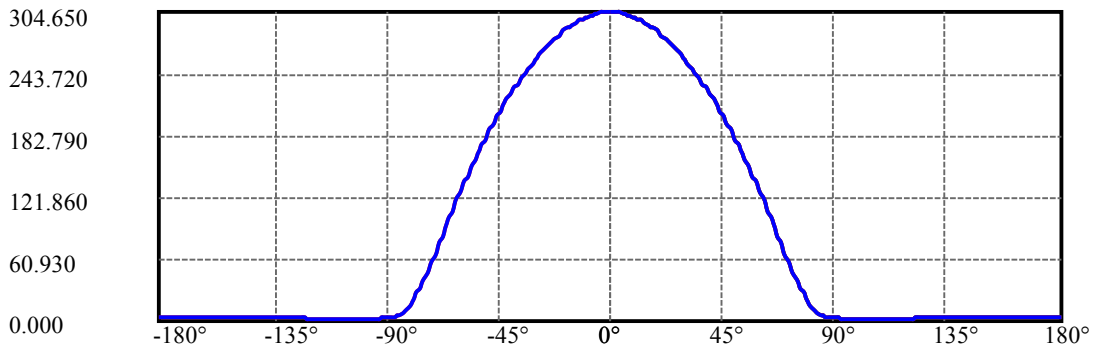
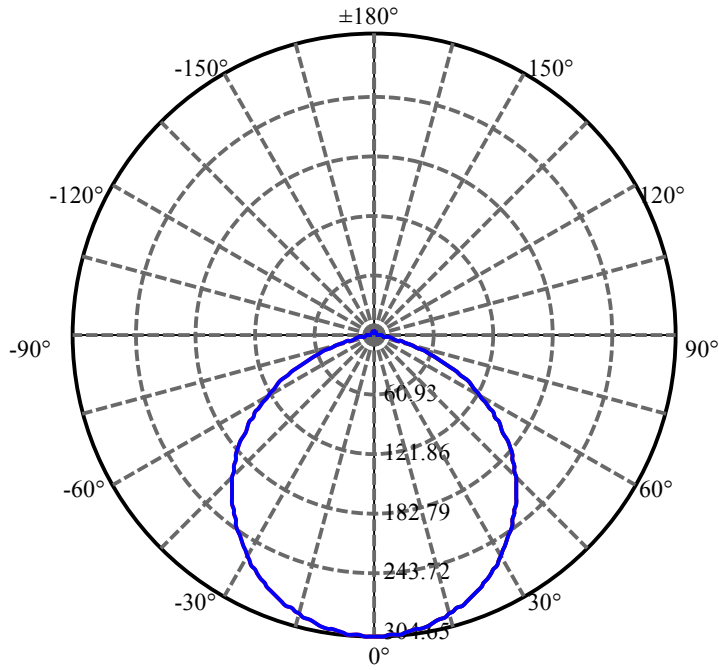
Beam angle of C0 plane : 110.45

Aveage BeamAngle(IEC 61341):110.45

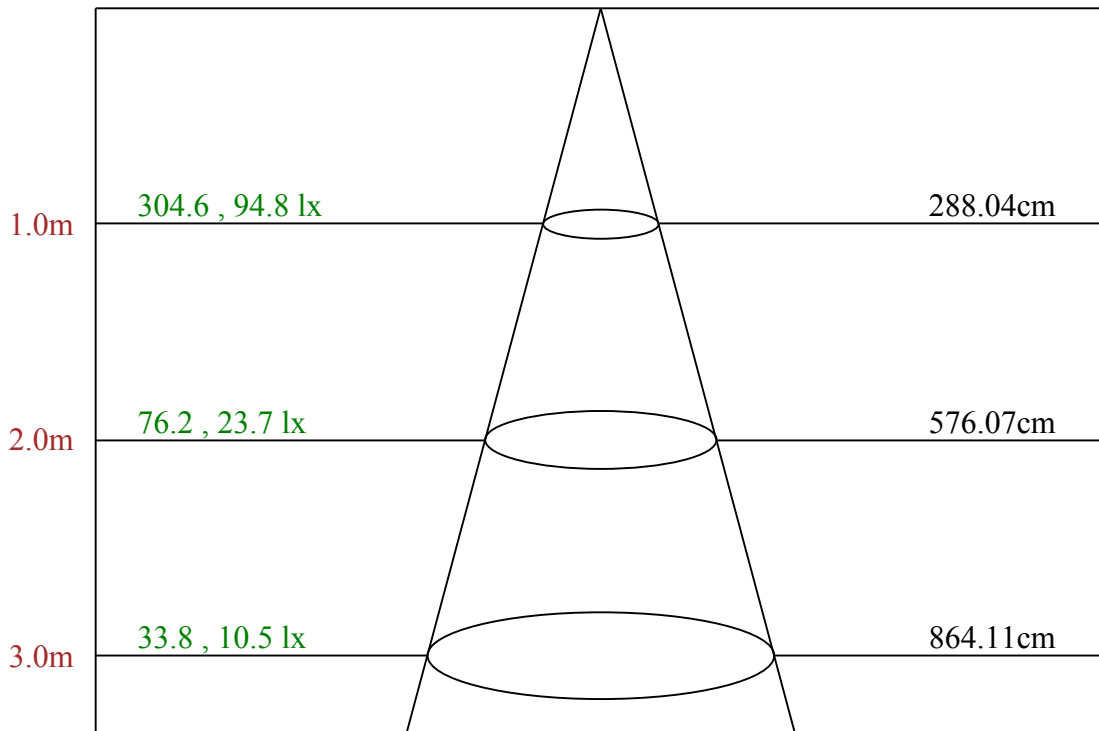
Equipment: equipamento lumini
Temperature(°C): 25.0

Date: 02/12/2025
Humidity(%): 58.0%

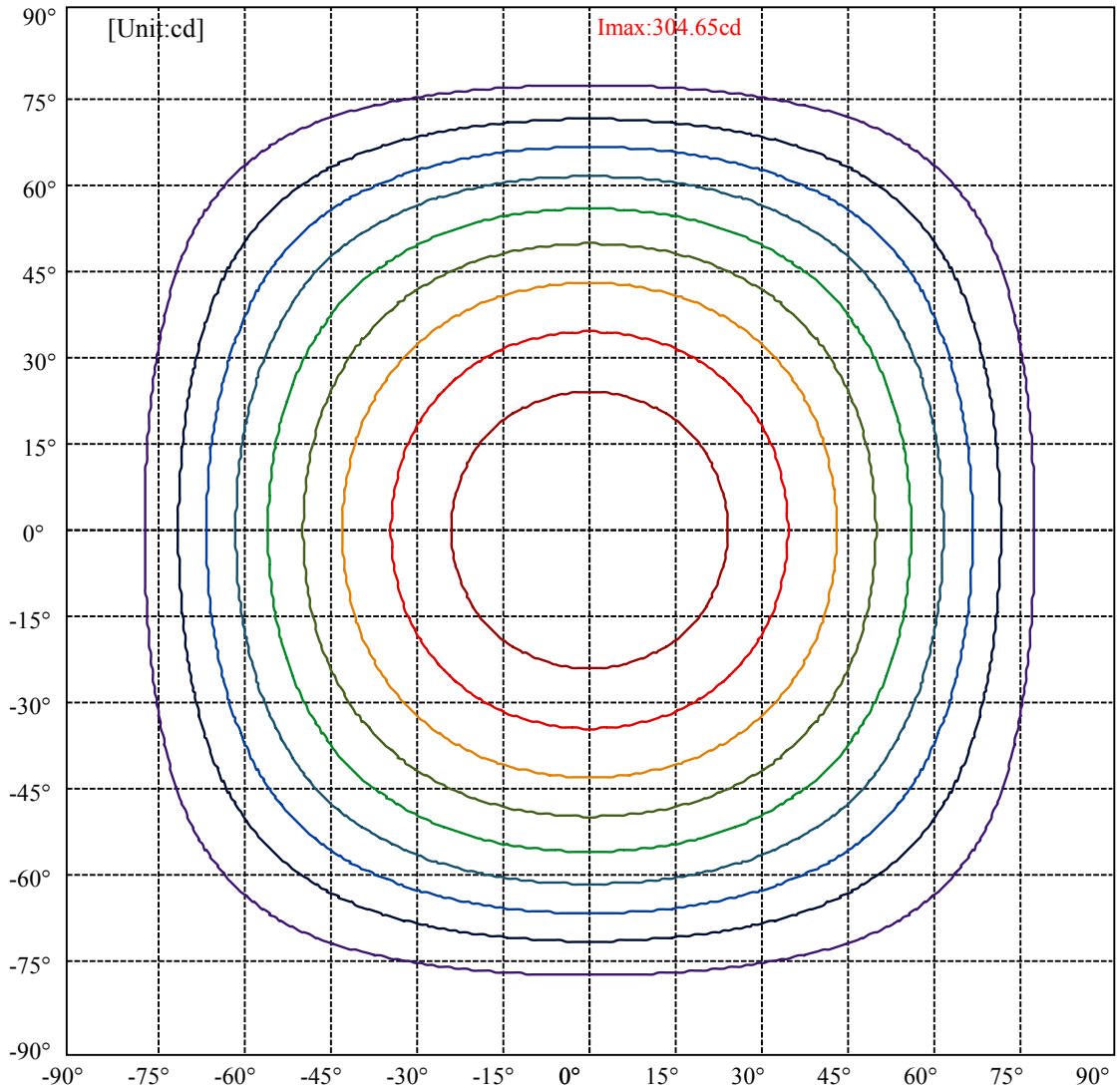
Operator: 01
Distance(m): 6.90



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 110.45



(10%Imax) 30.465	—
(20%Imax) 60.9301	—
(30%Imax) 91.3951	—
(40%Imax) 121.86	—
(50%Imax) 152.325	—
(60%Imax) 182.79	—
(70%Imax) 213.255	—
(80%Imax) 243.72	—
(90%Imax) 274.185	—

Luminance Table

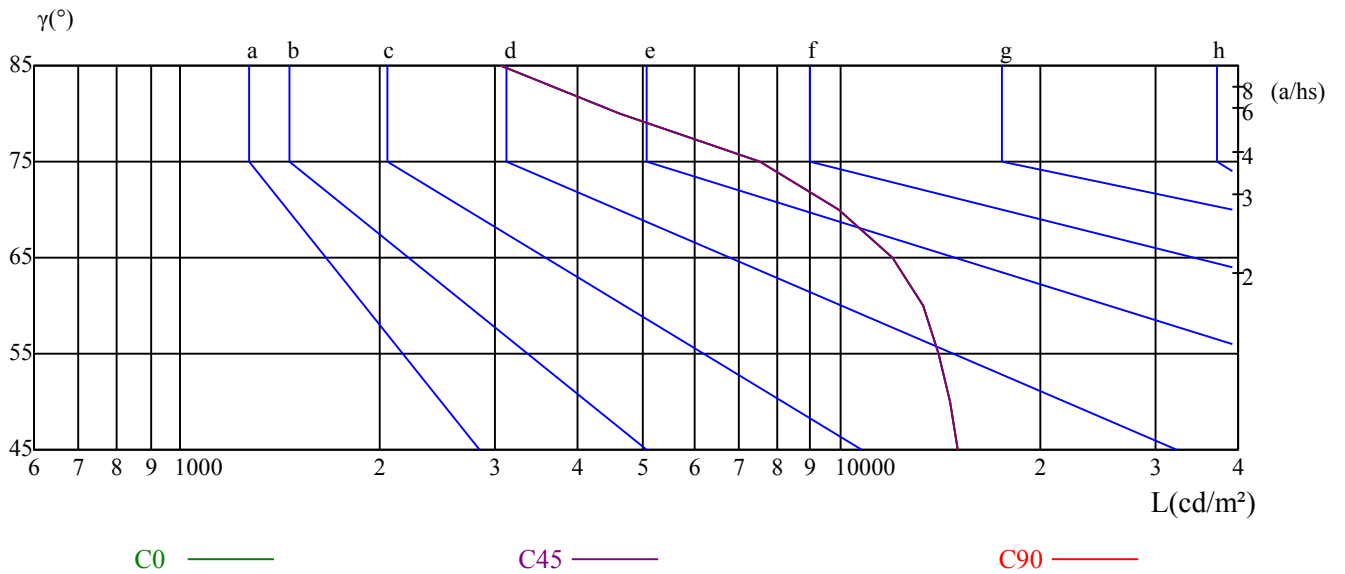
γ	45	50	55	60	65	70	75	80	85
C0	15016	14604	14055	13291	11960	9960	7544	4643	3055
C45	15016	14604	14055	13291	11960	9960	7544	4643	3055
C90	15016	14604	14055	13291	11960	9960	7544	4643	3055

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
11960	11960	11960	7544	7544	7544	3055	3055	3055

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	23.27	24.82	23.67	25.18	25.55	22.99	24.54	23.38	24.90	25.27
	3H	25.14	26.54	25.56	26.93	27.32	24.77	26.17	25.19	26.55	26.95
	4H	25.72	27.03	26.15	27.43	27.85	25.36	26.67	25.79	27.07	27.49
	6H	25.94	27.16	26.38	27.57	28.02	25.63	26.85	26.07	27.26	27.71
	8H	25.91	27.08	26.36	27.50	27.96	25.62	26.79	26.06	27.21	27.66
	12H	25.87	26.99	26.32	27.42	27.88	25.59	26.71	26.04	27.14	27.60
4H	2H	24.09	25.40	24.52	25.80	26.22	23.88	25.19	24.31	25.59	26.01
	3H	26.10	27.21	26.56	27.64	28.10	25.81	26.92	26.26	27.35	27.81
	4H	26.84	27.81	27.30	28.27	28.76	26.56	27.53	27.02	27.99	28.48
	6H	27.08	27.95	27.58	28.43	28.92	26.85	27.72	27.35	28.20	28.70
	8H	27.08	27.89	27.59	28.38	28.89	26.87	27.69	27.38	28.17	28.68
	12H	27.07	27.82	27.59	28.30	28.86	26.88	27.63	27.39	28.11	28.66
8H	4H	27.11	27.92	27.62	28.41	28.92	26.87	27.68	27.37	28.16	28.68
	6H	27.42	28.09	27.94	28.60	29.15	27.23	27.91	27.76	28.41	28.96
	8H	27.49	28.08	28.04	28.62	29.16	27.33	27.91	27.87	28.46	29.00
	12H	27.48	27.98	28.04	28.52	29.08	27.34	27.83	27.89	28.38	28.93
12H	4H	27.12	27.87	27.63	28.35	28.90	26.87	27.62	27.38	28.10	28.66
	6H	27.48	28.07	28.03	28.61	29.15	27.29	27.88	27.84	28.43	28.97
	8H	27.52	28.01	28.07	28.56	29.11	27.35	27.85	27.91	28.39	28.95
Variation with the observer position at spacings:											
S = 1.0H	0.4/-0.4					0.4/-0.4					
S = 1.5H	0.7/-0.8					0.7/-0.8					
S = 2.0H	1.3/-1.2					1.3/-1.2					
Standard tables:	BK3					BK3					
Uncorrected UGR	6.6					6.6					

依据CIE Publ. 117 计算 UGR, S/H = 0.25