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## lumini

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LumCAT:

Luminaire: downled sm r wide serie 2 e

LampCAT: modulo led 10.5W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 125.0000

Test No:

Current(A): 0.1060

Number of Lamps: 1

Power (W): 13.2500

Lamp flux(lm): 1485.0

PF: 0.0000

Length(mm): 75

Width(mm): 75

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 838.63, Efficiency(%): 56.47% , Luminous Efficacy(lm/W): 63.29

Central intensity(cd): 632.761, Maximum intensity(cd): 632.761

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

Beam angle of C0 plane : 63.90

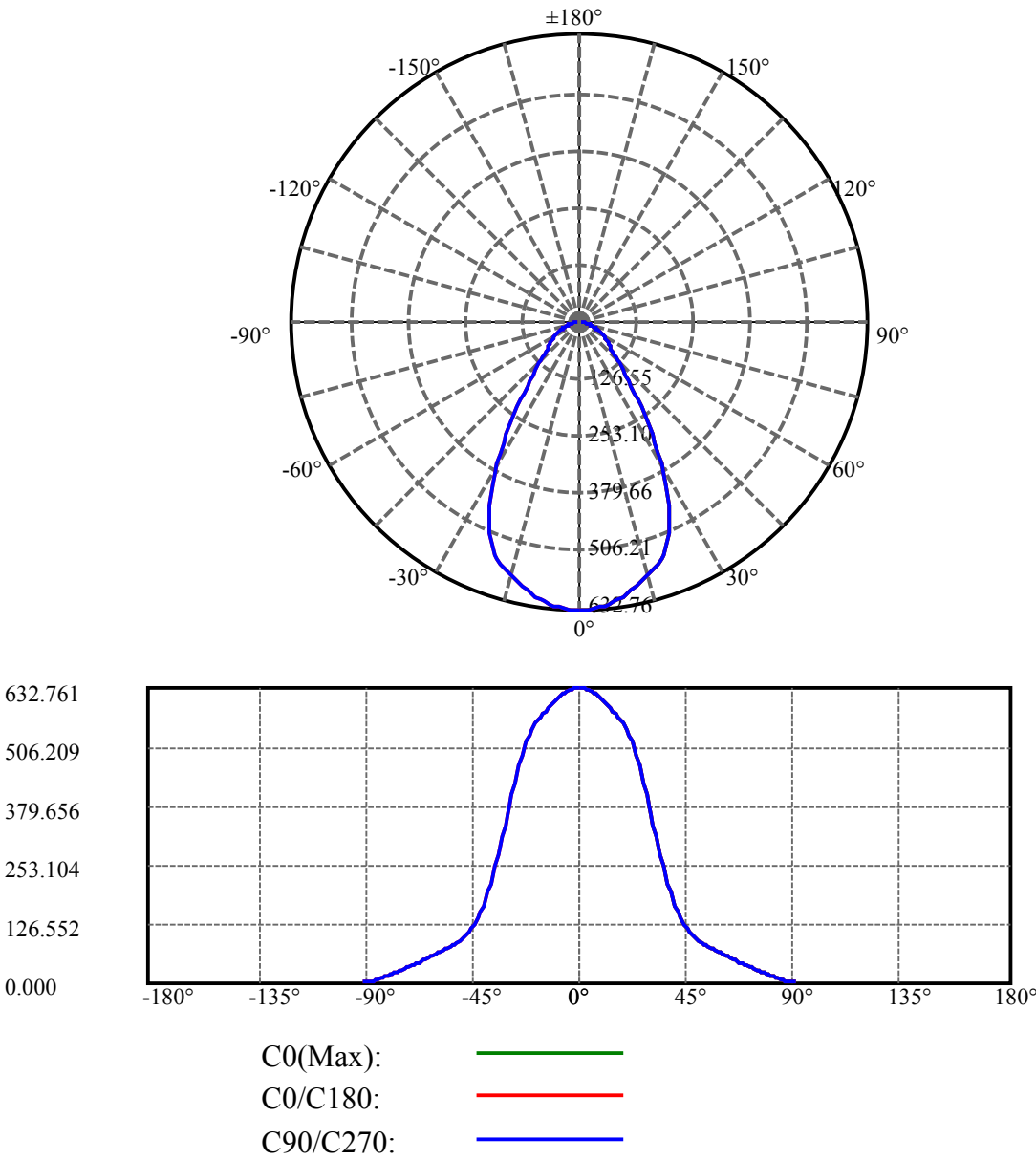
Aveage BeamAngle(IEC 61341):63.90

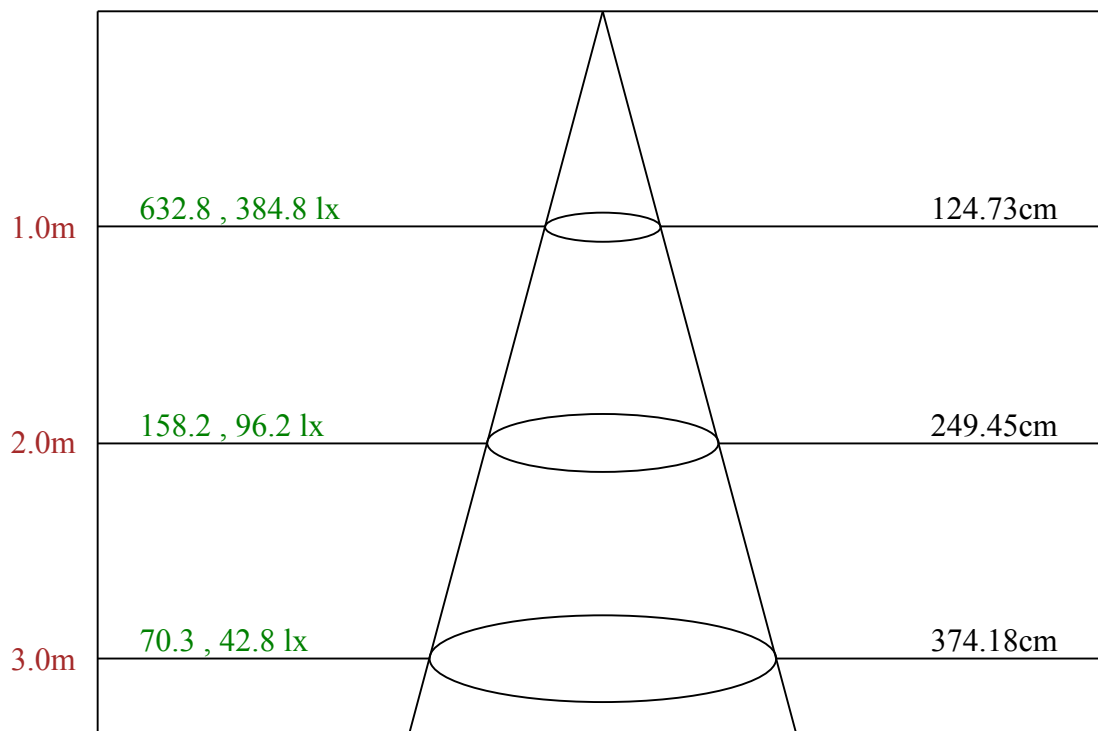
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Equipment: equipamento lumini  
Temperature(°C): 25.5

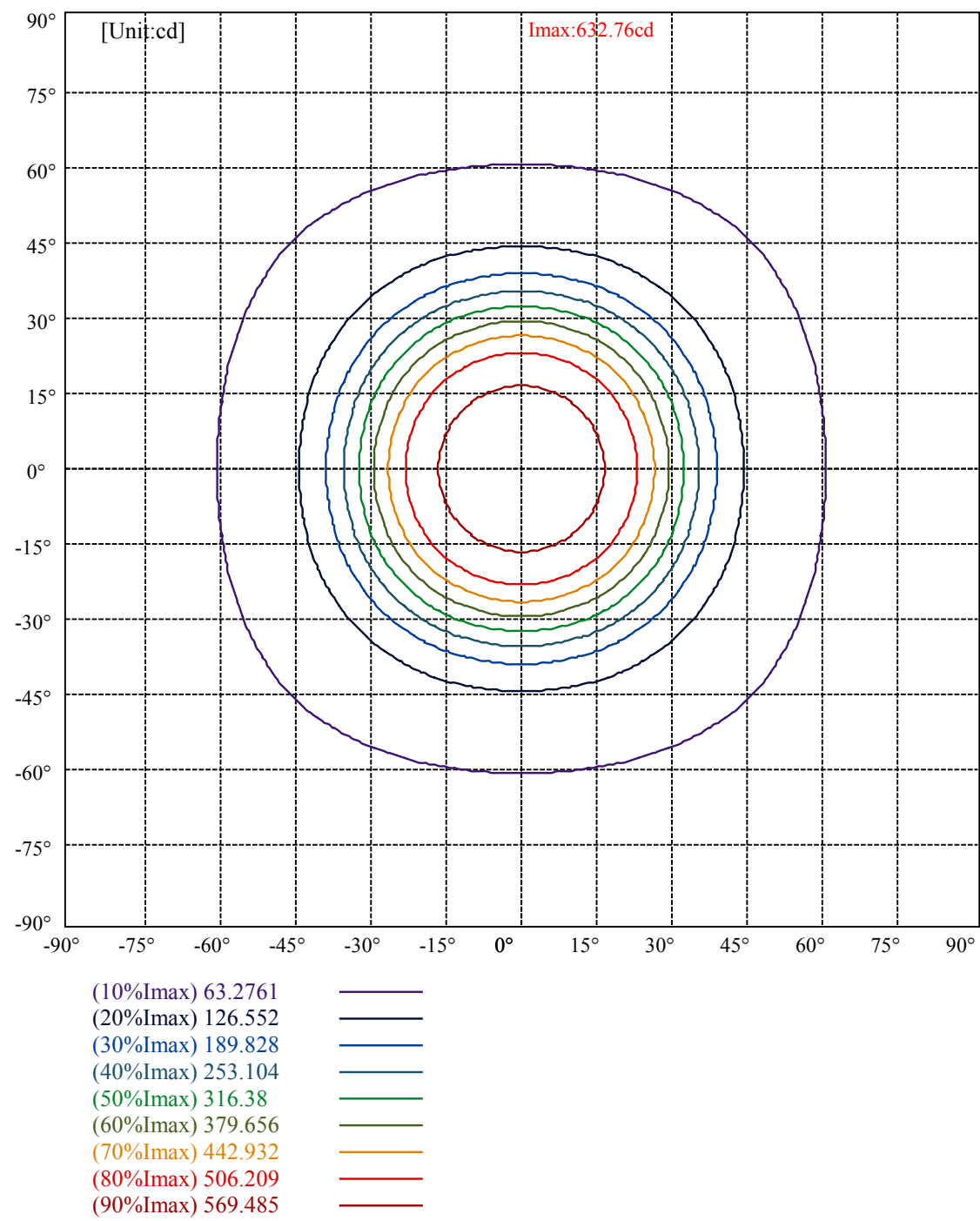
Date: 04/12/2024  
Humidity(%): 55.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 63.90



# lumini

## Luminance Limiting Curve(no luminous side)

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Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	29516	24671	23740	22419	21197	19872	18358	16554	14300
C45	29516	24671	23740	22419	21197	19872	18358	16554	14300
C90	29516	24671	23740	22419	21197	19872	18358	16554	14300

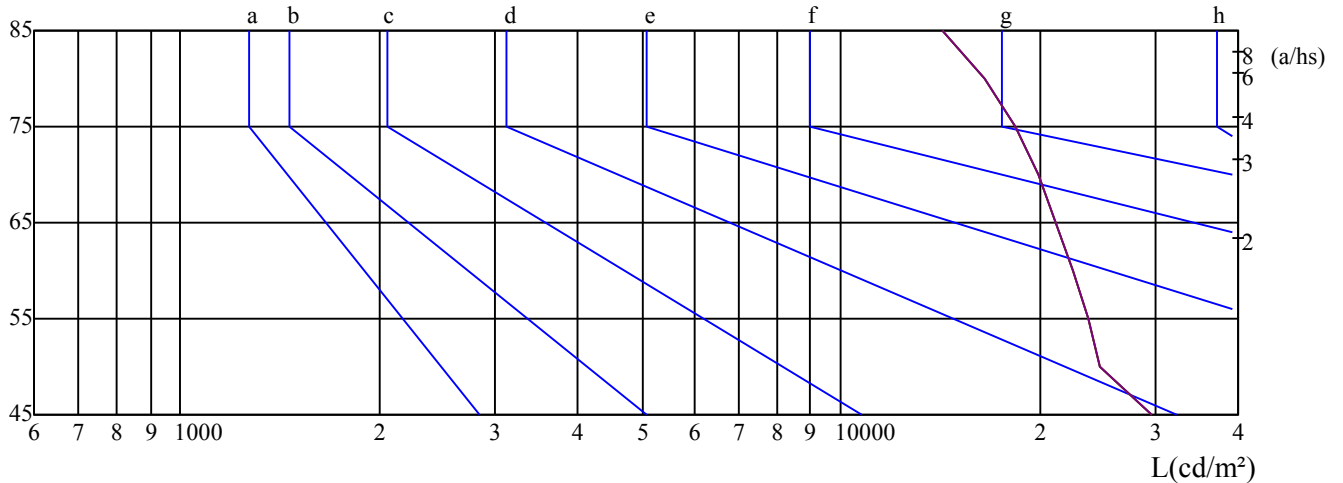
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
21197	21197	21197	18358	18358	18358	14300	14300	14300

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini  
Temperature( $^{\circ}\text{C}$ ): 25.5

Date: 04/12/2024  
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	22.40	23.71	22.76	24.02	24.34	22.41	23.72	22.77	24.03	24.34
	3H	23.61	24.79	23.99	25.12	25.47	23.62	24.80	24.00	25.13	25.48
	4H	24.08	25.18	24.48	25.53	25.90	24.09	25.19	24.48	25.54	25.90
	6H	24.45	25.47	24.86	25.84	26.23	24.47	25.48	24.88	25.85	26.25
	8H	24.55	25.52	24.96	25.90	26.31	24.57	25.54	24.98	25.92	26.32
	12H	24.59	25.52	25.01	25.91	26.33	24.61	25.54	25.03	25.93	26.34
4H	2H	22.88	23.98	23.28	24.33	24.70	22.88	23.98	23.28	24.34	24.70
	3H	24.28	25.20	24.70	25.59	26.01	24.28	25.21	24.70	25.60	26.01
	4H	24.92	25.73	25.36	26.15	26.60	24.92	25.74	25.36	26.16	26.60
	6H	25.37	26.09	25.83	26.53	26.98	25.38	26.10	25.85	26.55	27.00
	8H	25.53	26.21	26.01	26.66	27.12	25.55	26.22	26.03	26.67	27.14
	12H	25.64	26.26	26.12	26.71	27.22	25.66	26.28	26.14	26.73	27.24
8H	4H	25.13	25.80	25.61	26.25	26.72	25.13	25.81	25.61	26.26	26.72
	6H	25.71	26.26	26.20	26.74	27.24	25.72	26.28	26.22	26.75	27.26
	8H	26.00	26.48	26.52	26.99	27.48	26.01	26.49	26.54	27.01	27.50
	12H	26.16	26.56	26.69	27.07	27.58	26.18	26.58	26.71	27.09	27.60
12H	4H	25.14	25.77	25.63	26.21	26.72	25.15	25.77	25.63	26.21	26.72
	6H	25.80	26.28	26.32	26.80	27.29	25.82	26.30	26.34	26.81	27.30
	8H	26.09	26.48	26.62	27.00	27.51	26.11	26.50	26.64	27.01	27.53
Variation with the observer position at spacings:											
S = 1.0H		0.5/-0.6					0.5/-0.6				
S = 1.5H		1.1/-0.9					1.1/-0.9				
S = 2.0H		2.1/-1.0					2.1/-1.0				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.1					7.1				

依据CIE Publ. 117 计算 UGR, S/H = 0.25