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## lumini

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LumCAT:

Luminaire: nord 500 s

LampCAT: modulo led tr 24W 27K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.2120

Number of Lamps: 1

Power (W): 24.9900

Lamp flux(lm): 2400.0

PF: 0.9200

Length(mm): 500

Width(mm): 500

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1032.77, Efficiency(%): 43.03% , Luminous Efficacy(lm/W): 41.33

Central intensity(cd): 374.643, Maximum intensity(cd): 374.643

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

Beam angle of C0 plane : 87.95

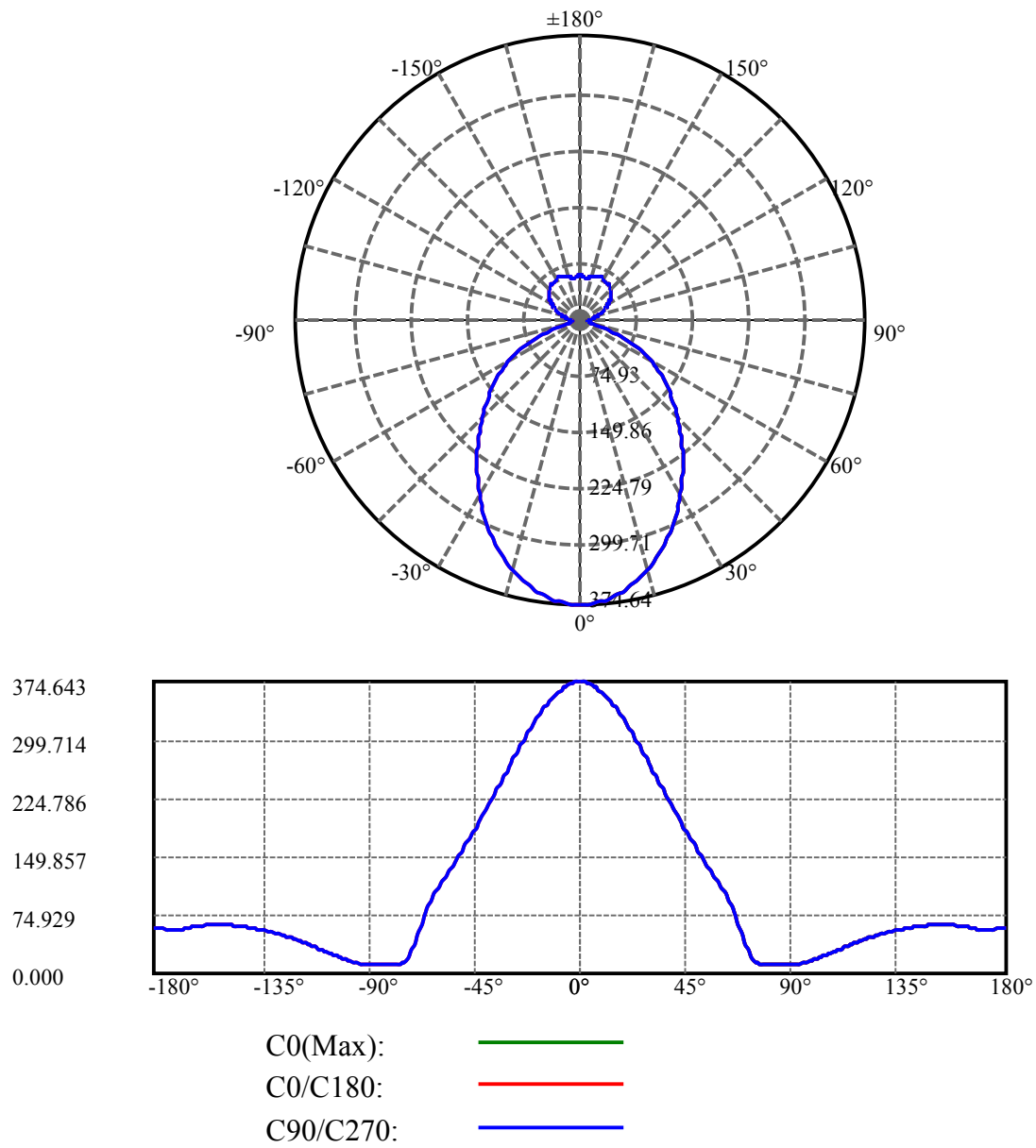
Average BeamAngle(IEC 61341): 87.95

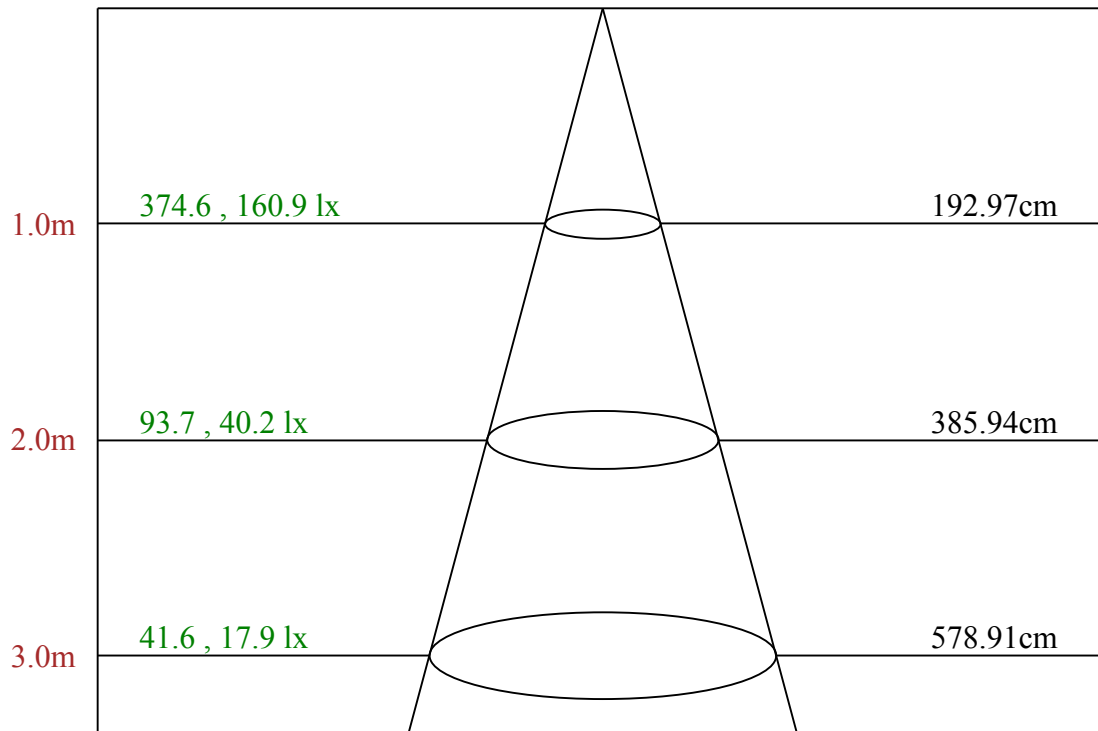
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Equipment:  
Temperature(°C): 25.5

Date: 04/09/2024  
Humidity(%): 55.0%

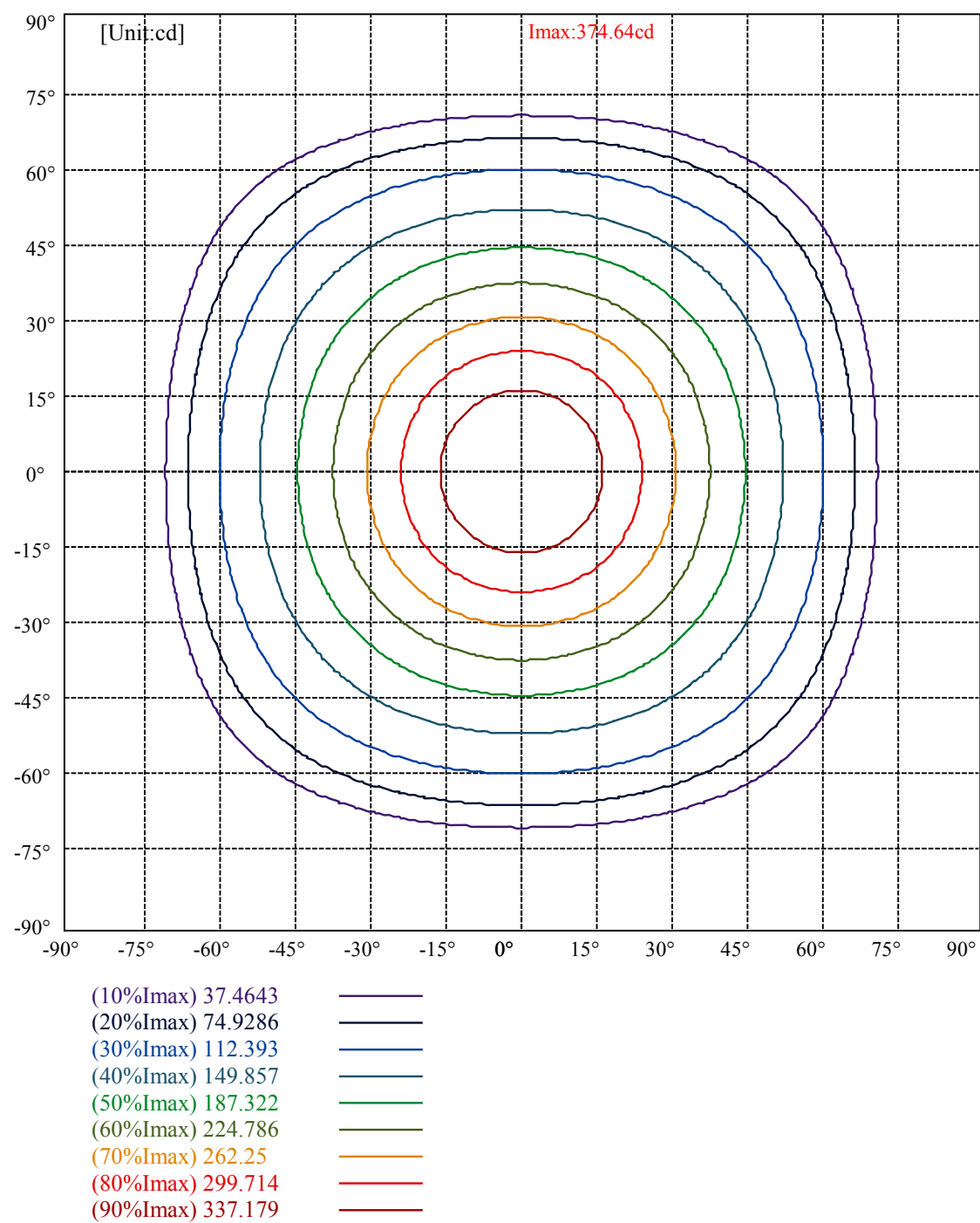
Operator:  
Distance(m): 1.00





Max , Ave

Beam angle of C0 plane 87.95



Luminance Table

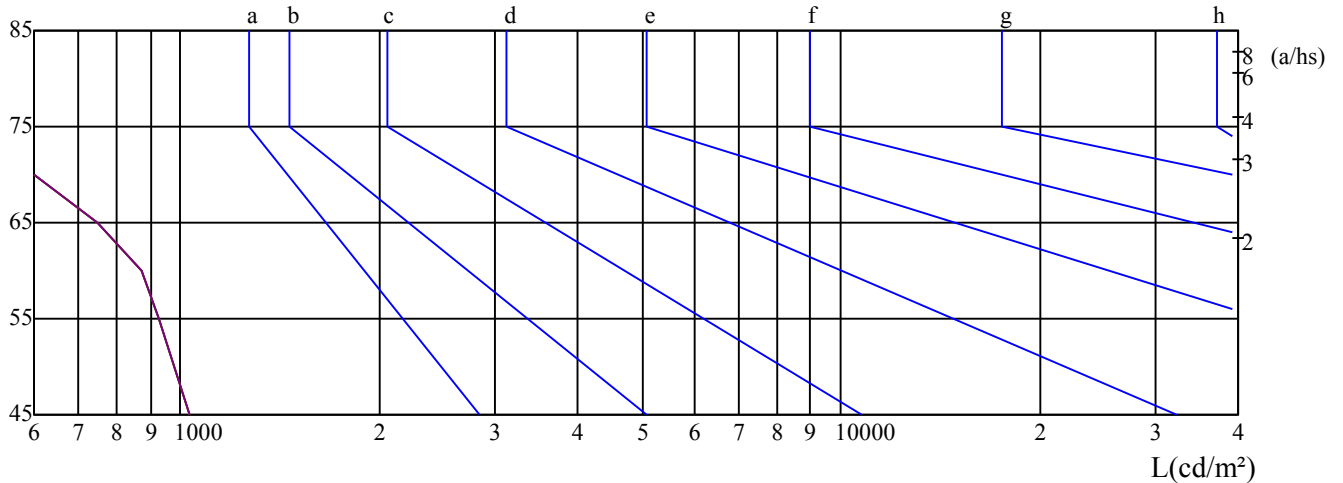
$\gamma$	45	50	55	60	65	70	75	80	85
C0	1030	976	927	875	750	432	198	241	481
C45	1030	976	927	875	750	432	198	241	481
C90	1030	976	927	875	750	432	198	241	481

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
750	750	750	198	198	198	481	481	481

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 ———

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	10.36	11.46	11.07	12.18	13.04	10.36	11.46	11.07	12.18	13.04
	3H	11.18	12.16	11.91	12.90	13.78	11.18	12.16	11.91	12.90	13.78
	4H	11.18	12.10	11.92	12.85	13.74	11.18	12.10	11.92	12.85	13.74
	6H	11.19	12.04	11.94	12.80	13.72	11.19	12.04	11.94	12.80	13.72
	8H	11.19	12.01	11.94	12.77	13.69	11.19	12.01	11.94	12.77	13.69
	12H	11.23	12.02	11.99	12.79	13.72	11.23	12.02	11.99	12.79	13.72
4H	2H	10.85	11.77	11.59	12.52	13.42	10.85	11.77	11.59	12.52	13.42
	3H	11.65	12.43	12.41	13.19	14.13	11.65	12.43	12.41	13.19	14.13
	4H	11.71	12.40	12.49	13.18	14.13	11.71	12.40	12.49	13.18	14.13
	6H	11.71	12.32	12.51	13.13	14.07	11.71	12.32	12.51	13.13	14.07
	8H	11.77	12.33	12.58	13.14	14.11	11.77	12.33	12.58	13.14	14.11
	12H	11.90	12.42	12.71	13.22	14.22	11.90	12.42	12.71	13.22	14.22
8H	4H	11.64	12.20	12.44	13.01	13.97	11.64	12.20	12.44	13.01	13.97
	6H	11.68	12.15	12.50	12.96	13.96	11.68	12.15	12.50	12.96	13.96
	8H	11.84	12.24	12.68	13.09	14.08	11.84	12.24	12.68	13.09	14.08
	12H	12.05	12.39	12.89	13.24	14.24	12.05	12.39	12.89	13.24	14.24
12H	4H	11.61	12.13	12.42	12.93	13.93	11.61	12.13	12.42	12.93	13.93
	6H	11.71	12.12	12.55	12.96	13.95	11.71	12.12	12.55	12.96	13.95
	8H	11.85	12.19	12.69	13.04	14.04	11.85	12.19	12.69	13.04	14.04
Variation with the observer position at spacings:											
S = 1.0H		0.6/-0.5					0.6/-0.5				
S = 1.5H		1.0/-1.0					1.0/-1.0				
S = 2.0H		1.9/-2.1					1.9/-2.1				
Standard tables:		BK2					BK2				
Uncorrected UGR		-5.1					-5.1				

依据CIE Publ. 117 计算 UGR, S/H = 0.25