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LumCAT:

Luminaire: super track diffuse 60

LampCAT: modulo led 17W 3000K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1670

Number of Lamps: 1

Power (W): 20.7000

Lamp flux(lm): 2360.0

PF: 0.9700

Length(mm): 600

Width(mm): 50

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1511.32, Efficiency(%): 64.04% , Luminous Efficacy(lm/W): 73.01

Central intensity(cd): 538.493, Maximum intensity(cd): 538.493

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

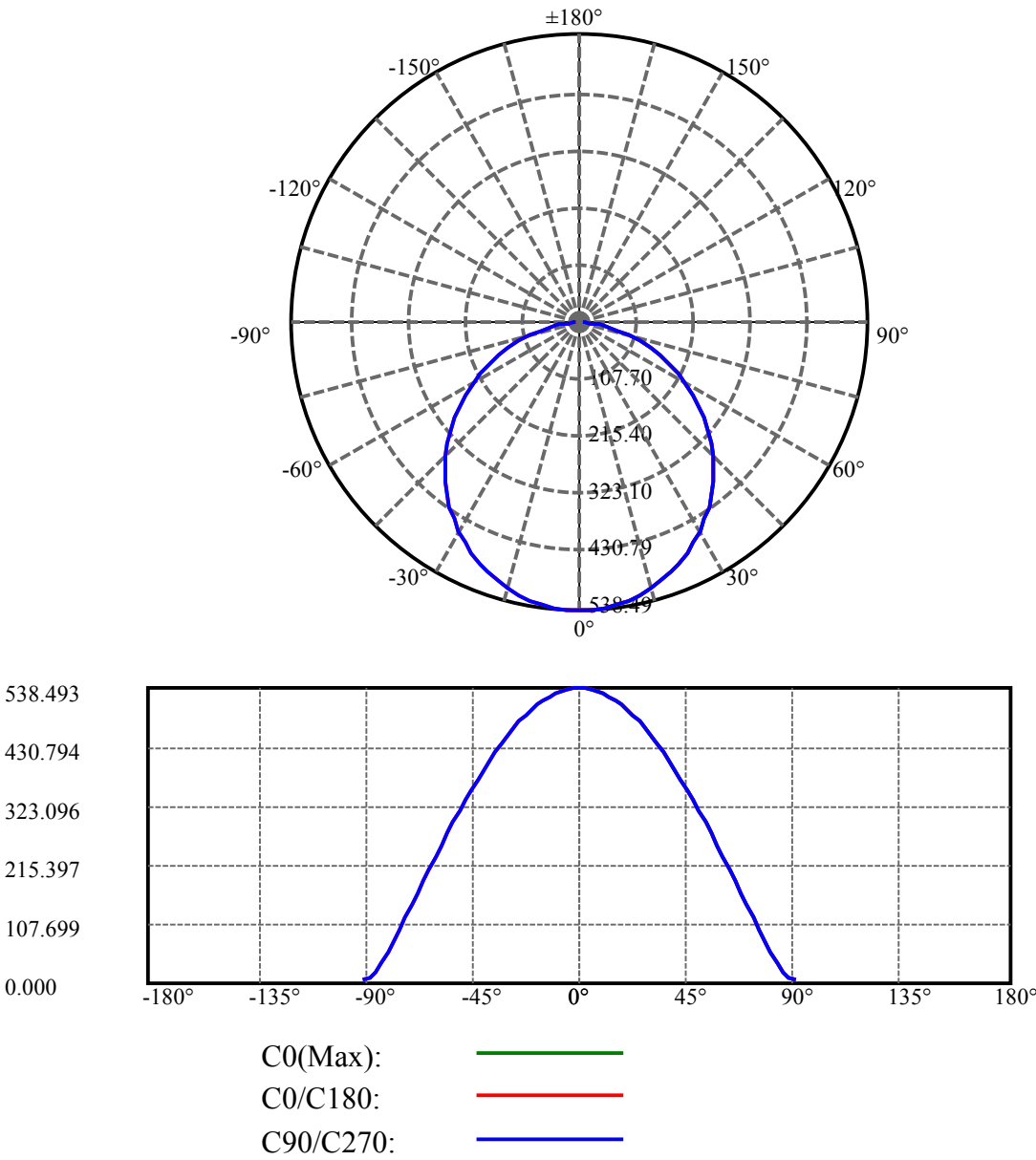
Beam angle of C0 plane : 111.19

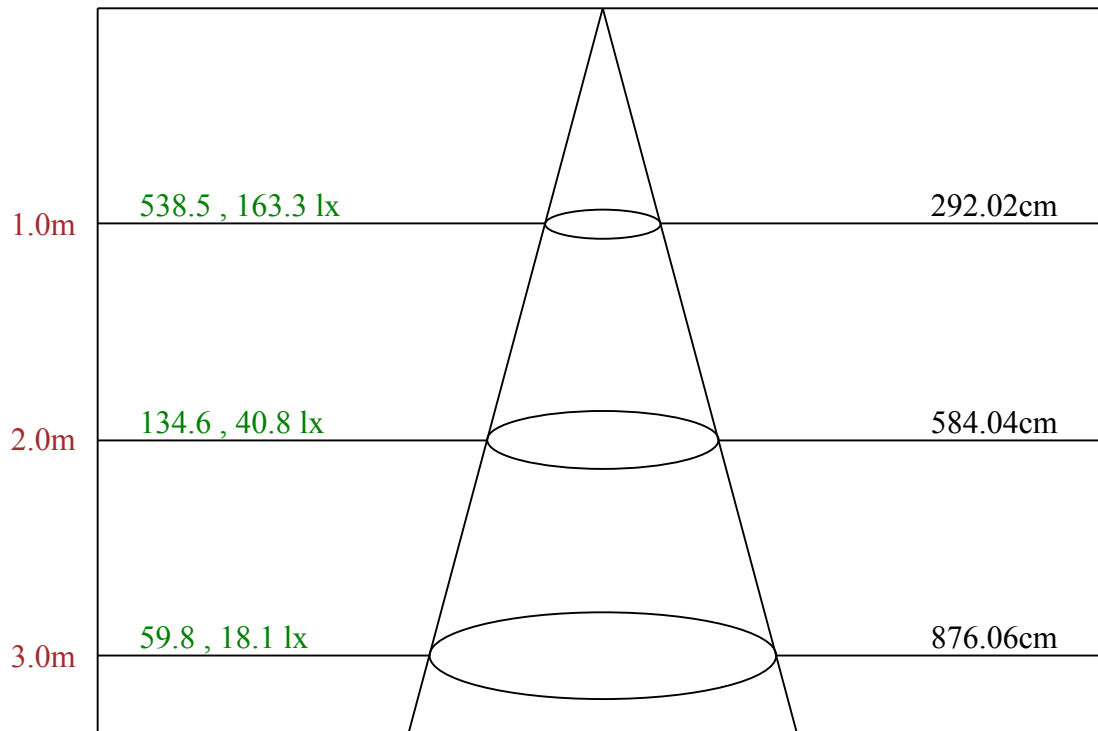
Average BeamAngle(IEC 61341): 111.19

Equipment: equipamento lumini
Temperature(°C): 25.5

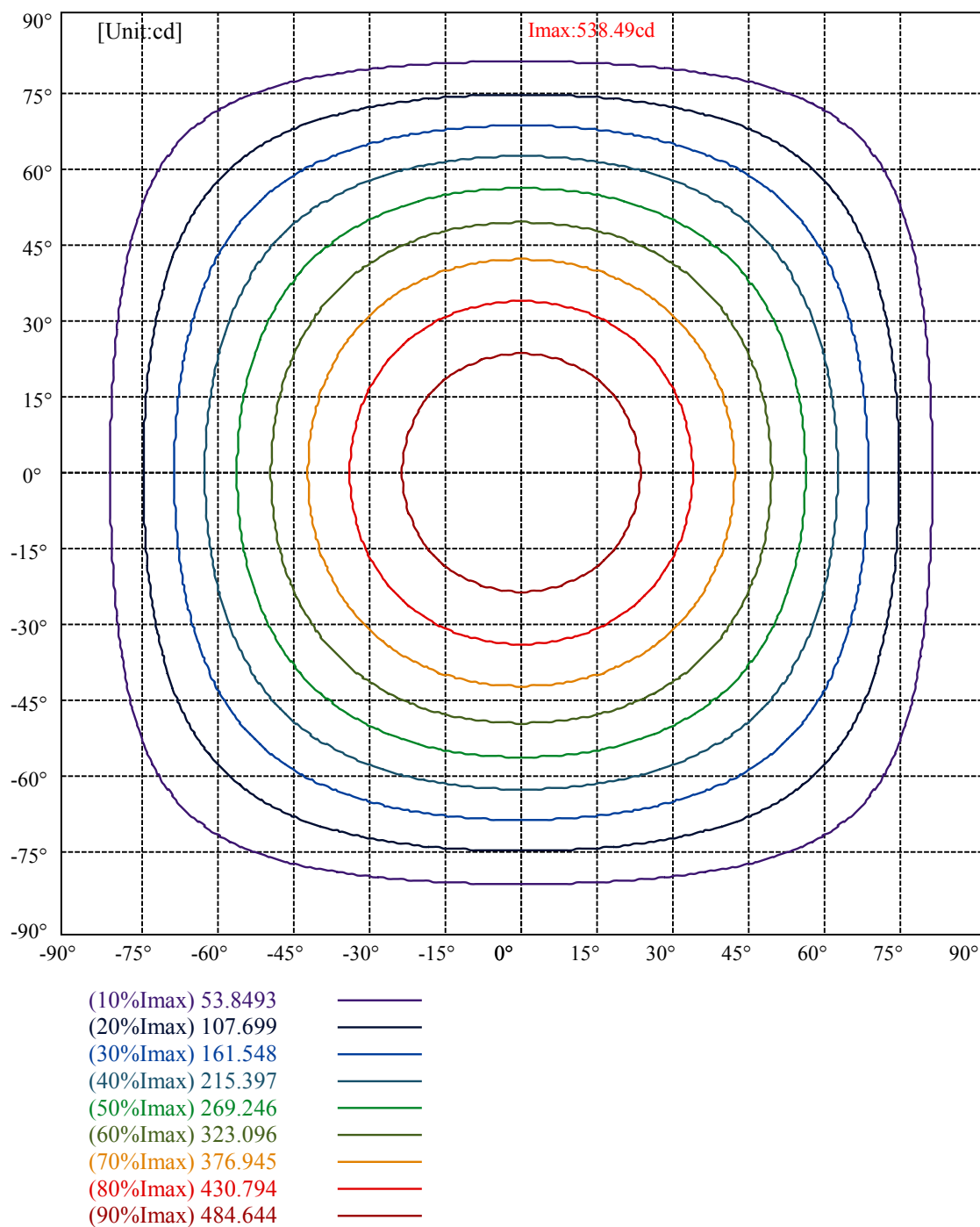
Date: 6/13/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 111.19



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Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	16620	16301	15916	15422	14680	13876	12557	10755	8055
C45	16620	16301	15916	15422	14680	13876	12557	10755	8055
C90	16620	16301	15916	15422	14680	13876	12557	10755	8055

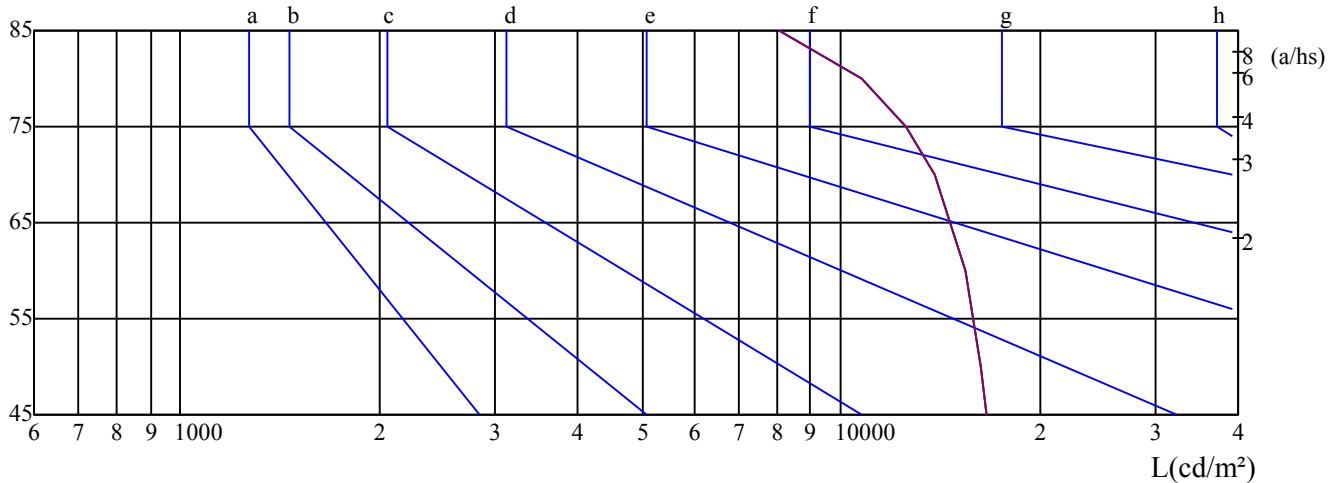
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
14680	14680	14680	12557	12557	12557	8055	8055	8055

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 ———

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

Date: 6/13/2024
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	22.60	24.23	22.95	24.55	24.86	22.60	24.23	22.96	24.55	24.86
	3H	24.33	25.82	24.72	26.16	26.50	24.38	25.87	24.76	26.20	26.54
	4H	24.99	26.39	25.38	26.74	27.10	25.08	26.48	25.48	26.83	27.19
	6H	25.48	26.78	25.88	27.14	27.53	25.66	26.96	26.06	27.32	27.71
	8H	25.60	26.86	26.01	27.23	27.63	25.83	27.09	26.24	27.46	27.86
	12H	25.67	26.87	26.08	27.25	27.66	25.95	27.15	26.36	27.54	27.94
4H	2H	23.39	24.79	23.78	25.14	25.50	23.39	24.79	23.78	25.14	25.50
	3H	25.29	26.48	25.71	26.87	27.27	25.33	26.53	25.75	26.91	27.32
	4H	26.12	27.18	26.55	27.59	28.03	26.21	27.27	26.65	27.69	28.12
	6H	26.70	27.64	27.15	28.08	28.52	26.87	27.82	27.33	28.26	28.70
	8H	26.89	27.78	27.36	28.22	28.68	27.13	28.01	27.60	28.46	28.92
	12H	27.02	27.84	27.50	28.28	28.78	27.32	28.14	27.79	28.58	29.08
8H	4H	26.47	27.35	26.94	27.79	28.25	26.55	27.44	27.02	27.88	28.34
	6H	27.19	27.93	27.68	28.40	28.89	27.37	28.10	27.85	28.57	29.06
	8H	27.53	28.17	28.04	28.68	29.16	27.76	28.41	28.27	28.91	29.40
	12H	27.72	28.27	28.24	28.78	29.28	28.03	28.58	28.55	29.08	29.59
12H	4H	26.51	27.34	26.99	27.77	28.27	26.59	27.41	27.07	27.85	28.35
	6H	27.34	27.98	27.84	28.49	28.97	27.50	28.14	28.01	28.65	29.14
	8H	27.67	28.22	28.19	28.73	29.23	27.90	28.44	28.42	28.95	29.46
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.6					0.6/-0.6				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		7.7					7.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25