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Address:Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

LumCAT:

Luminaire: downled sm r difusa serie 2 e

LampCAT: modulo led 10.5W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1040

Number of Lamps: 1

Power (W): 12.9000

Lamp flux(lm): 1485.0

PF: 0.9700

Length(mm): 75

Width(mm): 75

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 956.07, Efficiency(%): 64.38% , Luminous Efficacy(lm/W): 74.11

Central intensity(cd): 538.796, Maximum intensity(cd): 538.796

Angle of maximum intensity: C=0.0 γ =0.0

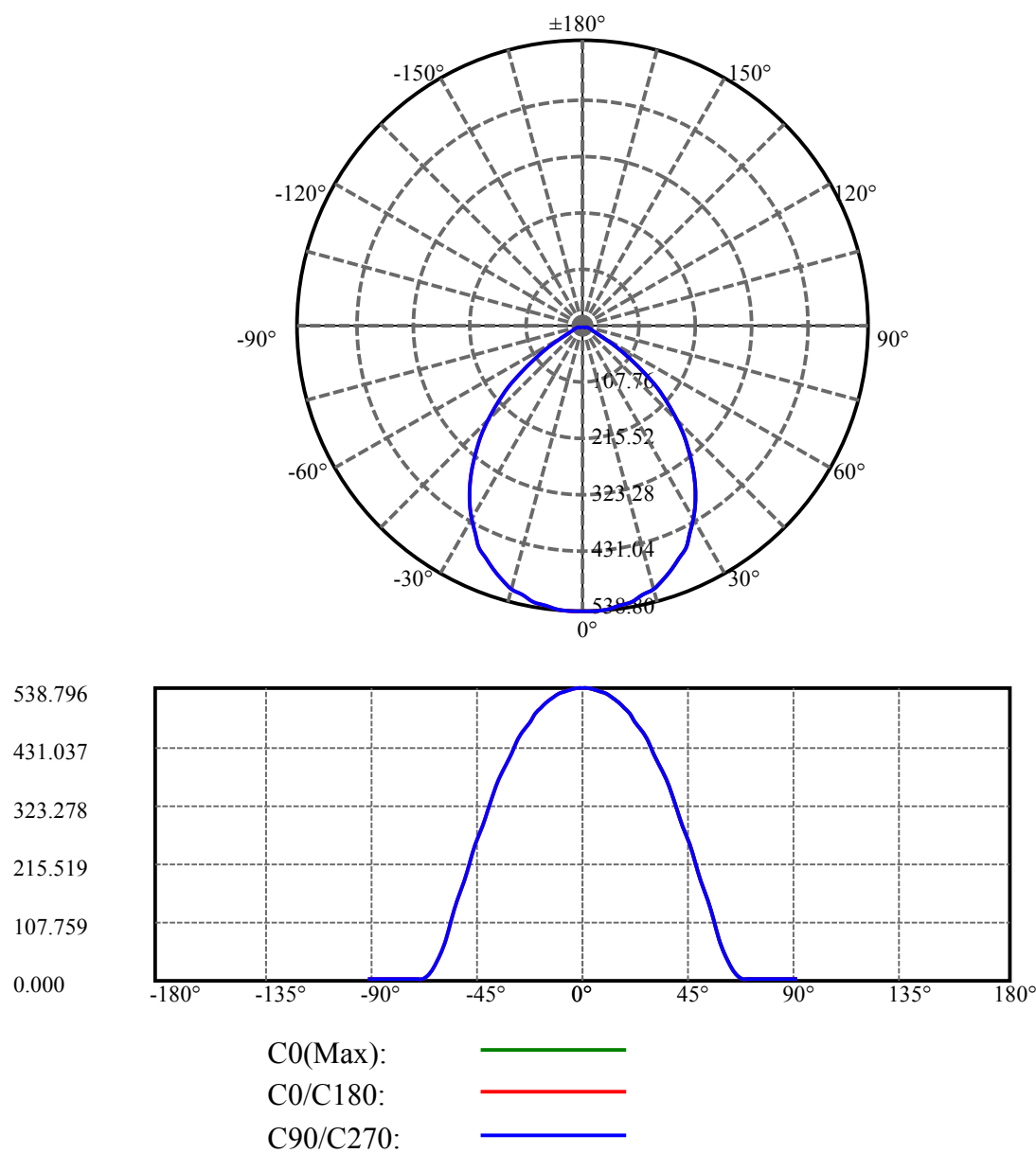
Beam angle of C0 plane : 87.04

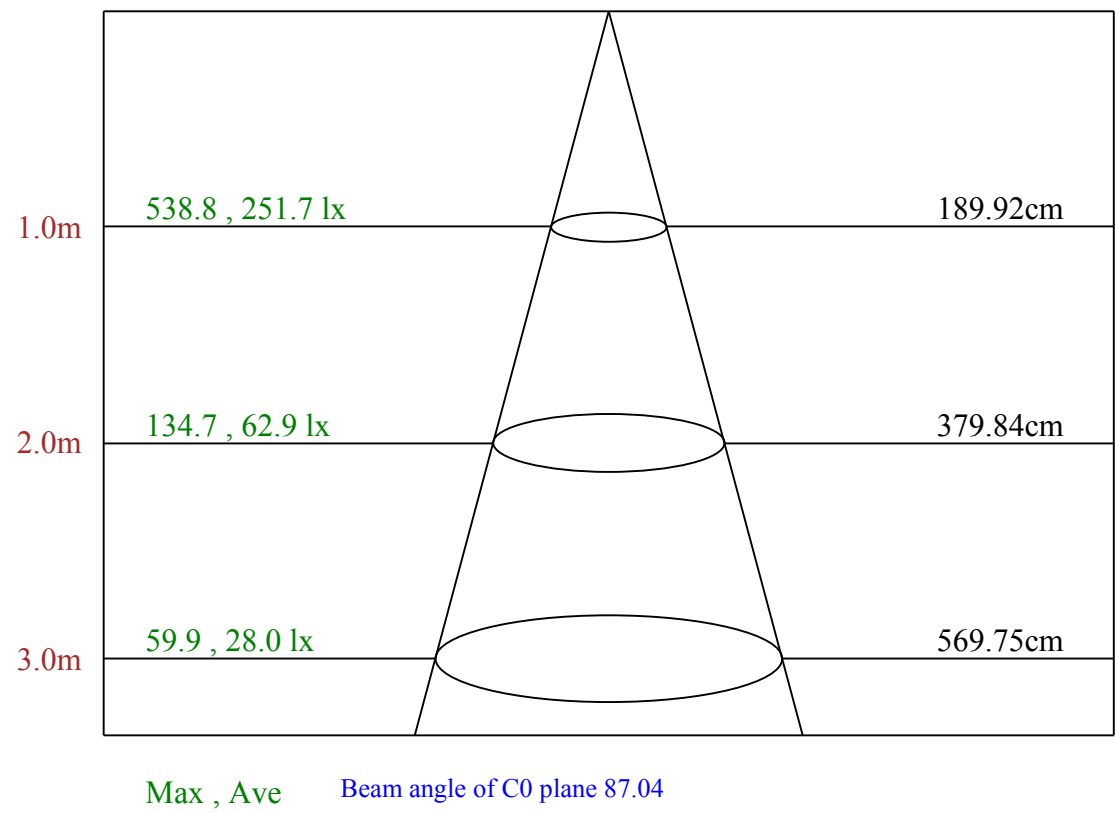
Aveage BeamAngle(IEC 61341):87.04

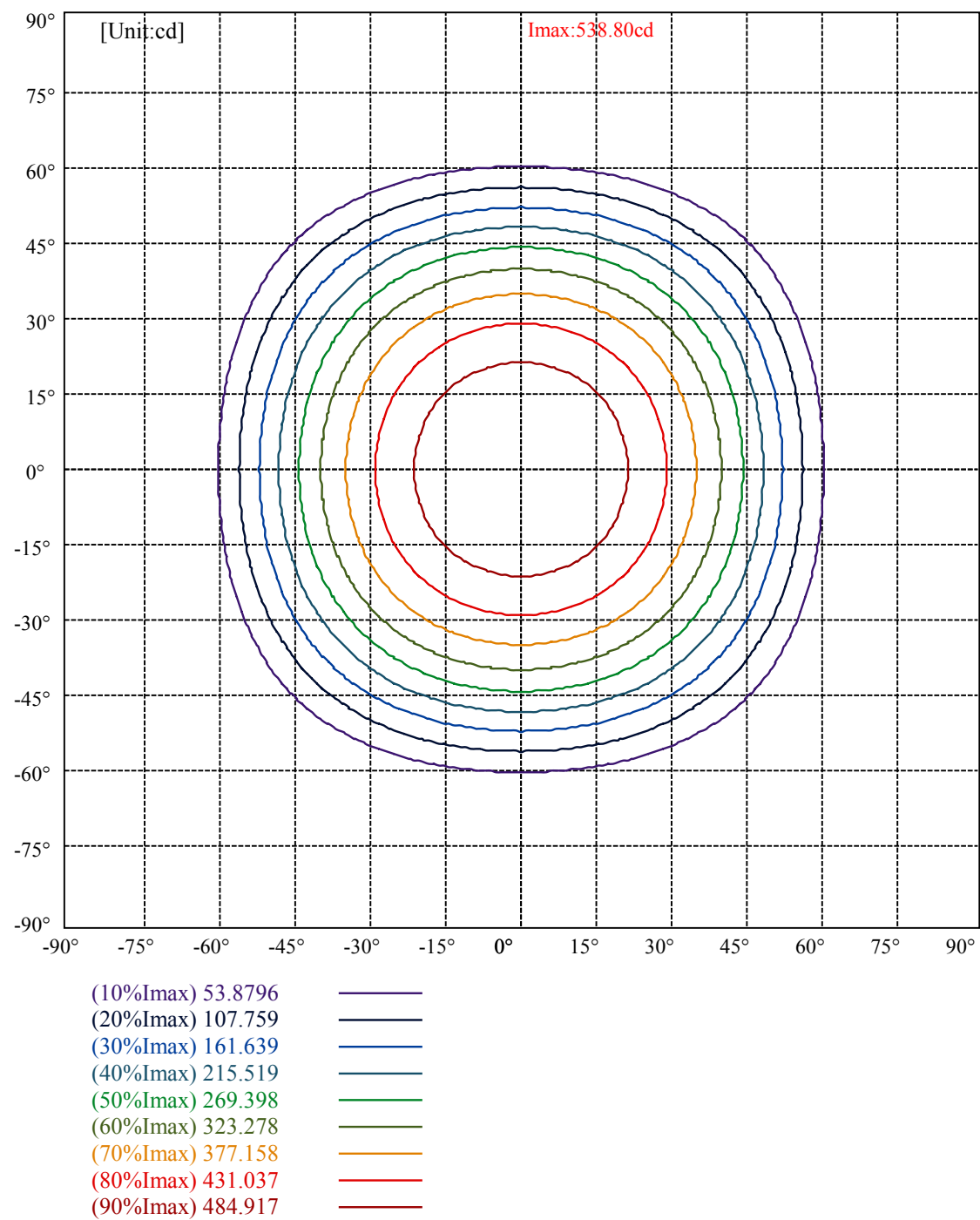
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 5/22/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90







Luminance Limiting Curve(no luminous side)

Luminance Table

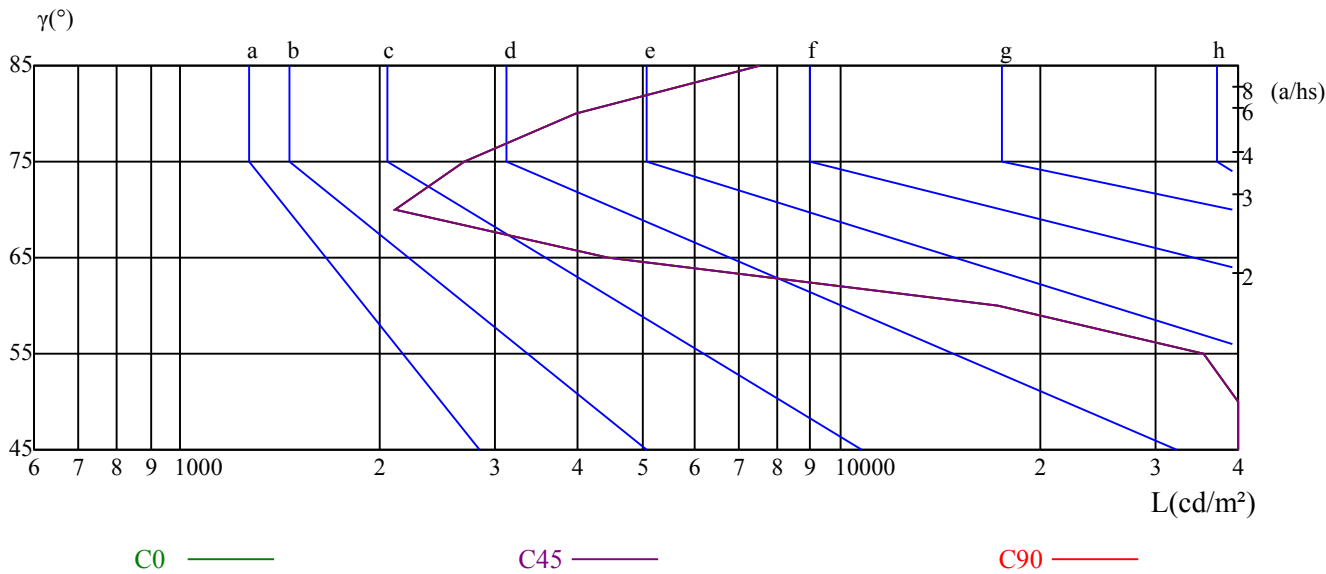
γ	45	50	55	60	65	70	75	80	85
C0	63168	50460	35403	17353	4439	2113	2690	3972	7538
C45	63168	50460	35403	17353	4439	2113	2690	3972	7538
C90	63168	50460	35403	17353	4439	2113	2690	3972	7538

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4439	4439	4439	2690	2690	2690	7538	7538	7538

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	25.59	26.92	25.95	27.23	27.55	25.75	27.07	26.11	27.38	27.70
	3H	25.47	26.64	25.85	26.97	27.32	25.62	26.79	26.01	27.13	27.47
	4H	25.39	26.48	25.79	26.83	27.20	25.55	26.64	25.95	26.99	27.36
	6H	25.34	26.34	25.75	26.71	27.10	25.51	26.51	25.92	26.88	27.27
	8H	25.28	26.24	25.70	26.62	27.02	25.46	26.42	25.88	26.80	27.20
	12H	25.23	26.15	25.66	26.54	26.95	25.43	26.34	25.85	26.73	27.14
4H	2H	25.63	26.72	26.03	27.07	27.43	25.77	26.85	26.17	27.21	27.57
	3H	25.48	26.37	25.90	26.76	27.18	25.63	26.52	26.05	26.91	27.32
	4H	25.44	26.22	25.88	26.64	27.08	25.59	26.37	26.03	26.79	27.23
	6H	25.35	26.03	25.81	26.48	26.93	25.51	26.19	25.97	26.64	27.09
	8H	25.31	25.95	25.79	26.40	26.87	25.49	26.12	25.96	26.58	27.04
	12H	25.29	25.89	25.78	26.33	26.84	25.50	26.09	25.98	26.54	27.05
8H	4H	25.29	25.92	25.76	26.38	26.84	25.43	26.07	25.91	26.52	26.99
	6H	25.18	25.71	25.68	26.18	26.69	25.34	25.87	25.84	26.35	26.85
	8H	25.20	25.66	25.72	26.18	26.67	25.38	25.84	25.90	26.36	26.85
	12H	25.19	25.58	25.72	26.09	26.60	25.42	25.81	25.95	26.32	26.83
12H	4H	25.24	25.84	25.73	26.28	26.80	25.39	25.98	25.88	26.43	26.94
	6H	25.18	25.64	25.70	26.16	26.65	25.34	25.80	25.86	26.32	26.81
	8H	25.16	25.55	25.69	26.06	26.58	25.34	25.73	25.87	26.24	26.76
Variation with the observer position at spacings:											
S = 1.0H		0.9/-1.9					0.9/-1.9				
S = 1.5H		2.2/-9.1					2.2/-9.1				
S = 2.0H		4.8/-11.6					4.8/-11.6				
Standard tables:		BK0					BK0				
Uncorrected UGR		5.9					5.9				

依据CIE Publ. 117 计算 UGR, S/H = 0.25