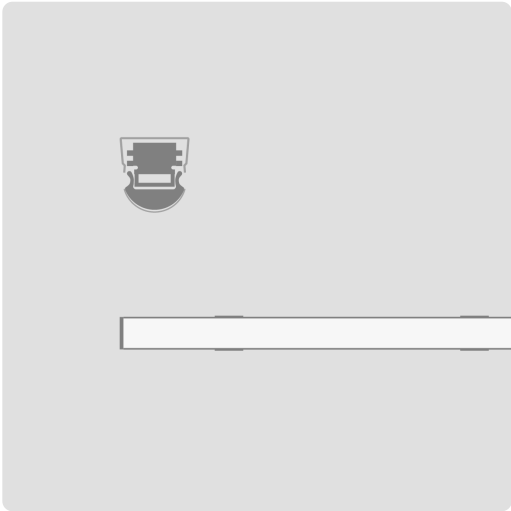




led line perfil 30° c

sistema de iluminação em led para prateleiras, sancas e detalhes de arquitetura e marcenaria.

informações técnicas

fonte de luz
LED integrado

IRC
alto índice de reprodução de cor (irc>90 | r9>60)

vida útil
30.000h/50.000h

facho

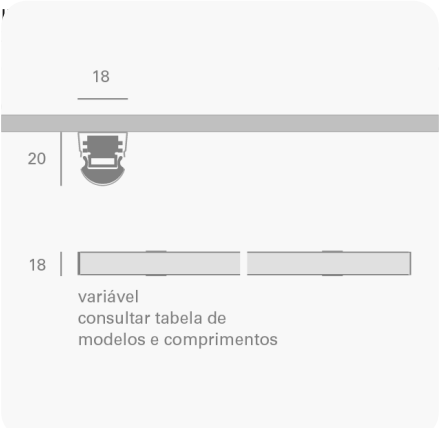
concentrado (10 a 20°)
médio (21 a 45°)
aberto (> 46°)
difuso

potência	facho	temperatura de...	fluxo luminoso...	fluxo luminoso útil	dimensões
5W/m	aberto	2500			
5W/m	aberto	2700			
5W/m	aberto	3000	558 lm/m	429 lm/m	
15W/m	aberto	2500			
15W/m	aberto	2700			
15W/m	aberto	3000	1414 lm/m	1069 lm/m	
9W/m	aberto	2700			
9W/m	aberto	3000	910 lm/m	623 lm/m	
24W/m	aberto	2700			
24W/m	aberto	3000	2156 lm/m	1674 lm/m	
25W/m	aberto	2500			
25W/m	aberto	2700			
25W/m	aberto	3000	3496 lm/m	2905 lm/m	
25W/m	aberto	4000			

equipamentos
LED driver 700mA (incluso, ponto remoto)
LED line driver 12V (incluso, ponto remoto)
LED line driver 24V (incluso, ponto remoto)

controle
on/off
dim fphase
dim dali
dim 1-10V

instalação
forro de gesso
marcenaria
laje



modelo	comprimento (mm)
led line perfil 30º 40 C	412
led line perfil 30º 50 C	512
led line perfil 30º 60 C	612
led line perfil 30º 70 C	712
led line perfil 30º 80 C	812
led line perfil 30º 90 C	912
led line perfil 30º 100 C	1012
led line perfil 30º 110 C	1112
led line perfil 30º 120 C	1212
led line perfil 30º 130 C	1312
led line perfil 30º 140 C	1412
led line perfil 30º 150 C	1512
led line perfil 30º 160 C	1612
led line perfil 30º 170 C	1712
led line perfil 30º 180 C	1812
led line perfil 30º 190 C	1912
led line perfil 30º 200 C	2012
led line perfil 30º 210 C	2112
led line perfil 30º 220 C	2212
led line perfil 30º 230 C	2312
led line perfil 30º 240 C	2412
led line perfil 30º 250 C	2512
led line perfil 30º 260 C	2612
led line perfil 30º 270 C	2712
led line perfil 30º 280 C	2812
led line perfil 30º 290 C	2912
led line perfil 30º 300 C	3012

acabamentos e cores

cores

- cinza areia
- branco txt
- titânio
- cinza médio
- corten
- grafite txt
- preto txt

vista lateral

dimensões em milímetros

led line perfil 30° c lp

folha
1/2

escala
1:1

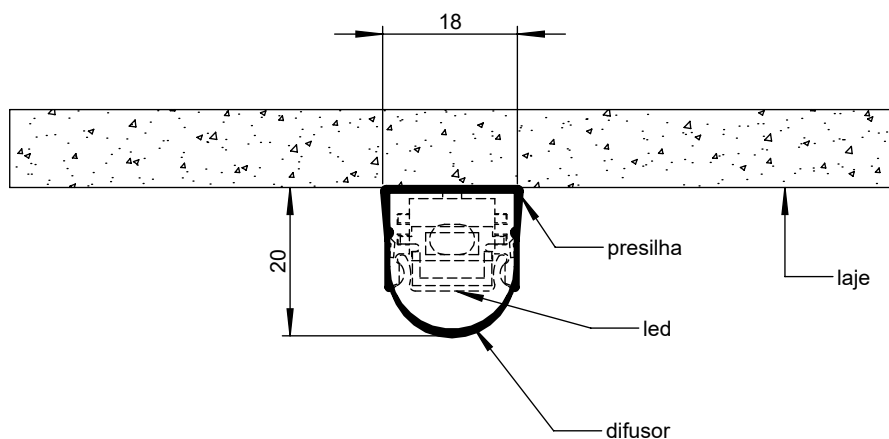
data
12/12/2024

desenhista
emilson

aprovação
severino

revisões

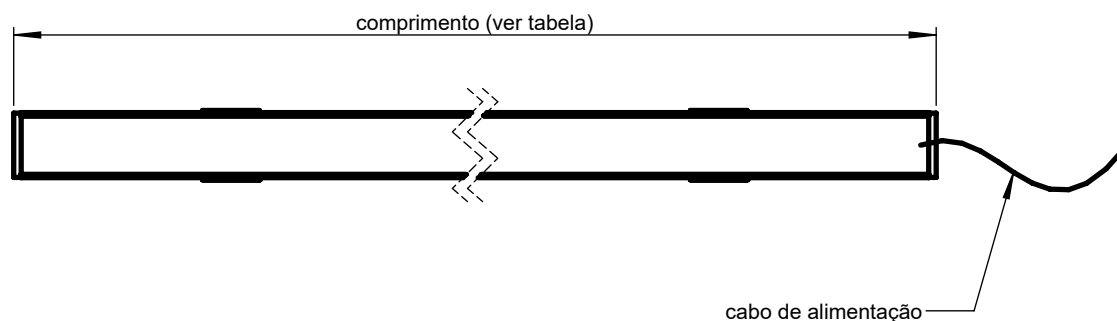
24/03/2025



vista inferior

dimensões em milímetros

para maiores informações,
consulte a área técnica
produto@lumini.com.br



led line perfil 30° c lp

folha
1/2

escala
1:1

data

desenhista
emilson

aprovação
severino

revisões

descrição	comprimento (mm)	5W/mt (12V)	9W/mt (24V)	15W/mt (12V)	24W/mt (24V)
led line perfil 30° 40 C	412	2,0W	4,0W	6,0W	10,0W
led line perfil 30° 50 C	512	2,5W	4,5W	7,5W	12,0W
led line perfil 30° 60 C	612	3,0W	5,4W	9,0W	14,0W
led line perfil 30° 70 C	712	3,5W	6,3W	10,5W	17,0W
led line perfil 30° 80 C	812	4,0W	7,0W	12,0W	19,0W
led line perfil 30° 90 C	912	4,5W	8,5W	13,5W	22,0W
led line perfil 30° 100 C	1012	5,0W	9,0W	15,0W	24,0W
led line perfil 30° 110 C	1112	5,5W	10,0W	16,5W	26,5W
led line perfil 30° 120 C	1212	6,0W	11,0W	18,0W	29,0W
led line perfil 30° 130 C	1312	6,5W	12,0W	19,5W	31,0W
led line perfil 30° 140 C	1412	7,0W	12,5W	21,0W	33,5W
led line perfil 30° 150 C	1512	7,5W	13,5W	22,5W	36,0W
led line perfil 30° 160 C	1612	8,0W	14,5W	24,0W	38,5W
led line perfil 30° 170 C	1712	8,5W	15,0W	25,5W	41,0W
led line perfil 30° 180 C	1812	9,0W	16,0W	27,0W	43,0W
led line perfil 30° 190 C	1912	9,5W	17,0W	28,5W	45,5W
led line perfil 30° 200 C	2012	10,0W	18,0W	30,0W	48,0W
led line perfil 30° 210 C	2112	10,5W	19,0W	31,5W	50,5W
led line perfil 30° 220 C	2212	11,0W	17,0W	33,0W	45,5W
led line perfil 30° 230 C	2312	11,5W	20,5W	34,5W	55,0W
led line perfil 30° 240 C	2412	12,0W	21,5W	36,0W	57,5W
led line perfil 30° 250 C	2512	12,5W	22,5W	37,5W	60,0W
led line perfil 30° 260 C	2612	13,0W	23,5W	39,0W	62,5W
led line perfil 30° 270 C	2712	13,5W	24,5W	40,5W	65,0W
led line perfil 30° 280 C	2812	14,0W	24,5W	42,0W	67,0W
led line perfil 30° 290 C	2912	14,5W	26,0W	43,5W	69,0W
led line perfil 30° 300 C	3012	15,0W	27,0W	45,0W	72,0W

para maiores informações,
consulte a área técnica
produto@lumini.com.br



lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email: laboratorio@lumini.com.br
Tel: +55 11 3437-5555 Fax: +55 11 3437-5555
Address: Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

lumini

LumCAT:

Luminaire: led line perfil 12V 30 c lp 2.5W

LampCAT: modulo led line 5W/m 12Vdc 30K irc 90

Ballast type: led line driver 12V

Report No:

Voltage(V): 125.5000

Test No:

Current(A): 0.4200

Number of Lamps: 1

Power (W): 5.2710

Lamp flux(lm): 279.0

PF: 0.0000

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 214.40, Efficiency(%): 76.85% , Luminous Efficacy(lm/W): 40.68

Central intensity(cd): 134.236, Maximum intensity(cd): 134.849

Angle of maximum intensity: C=0.0 γ =6.0

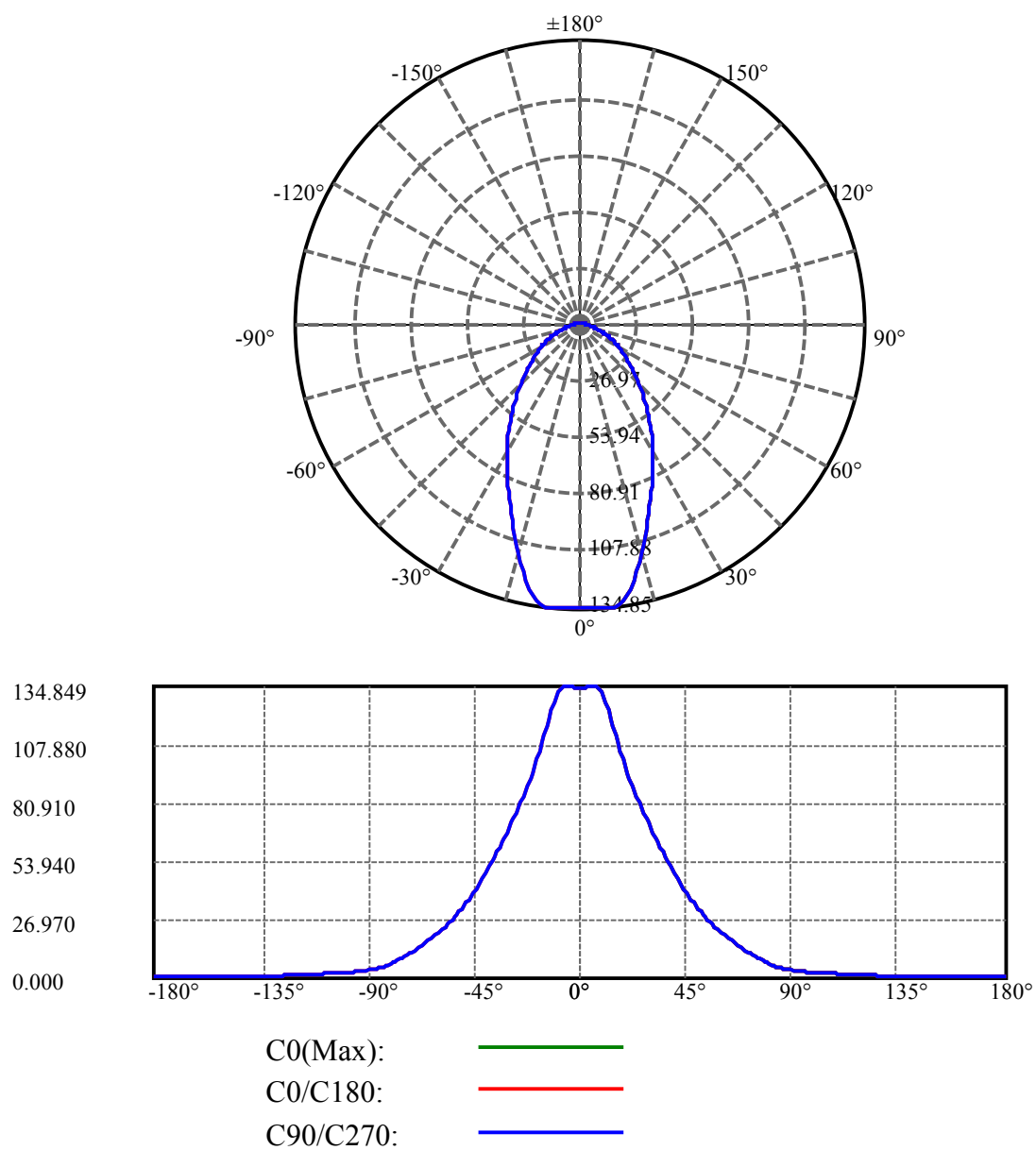
Beam angle of C0 plane : 62.01

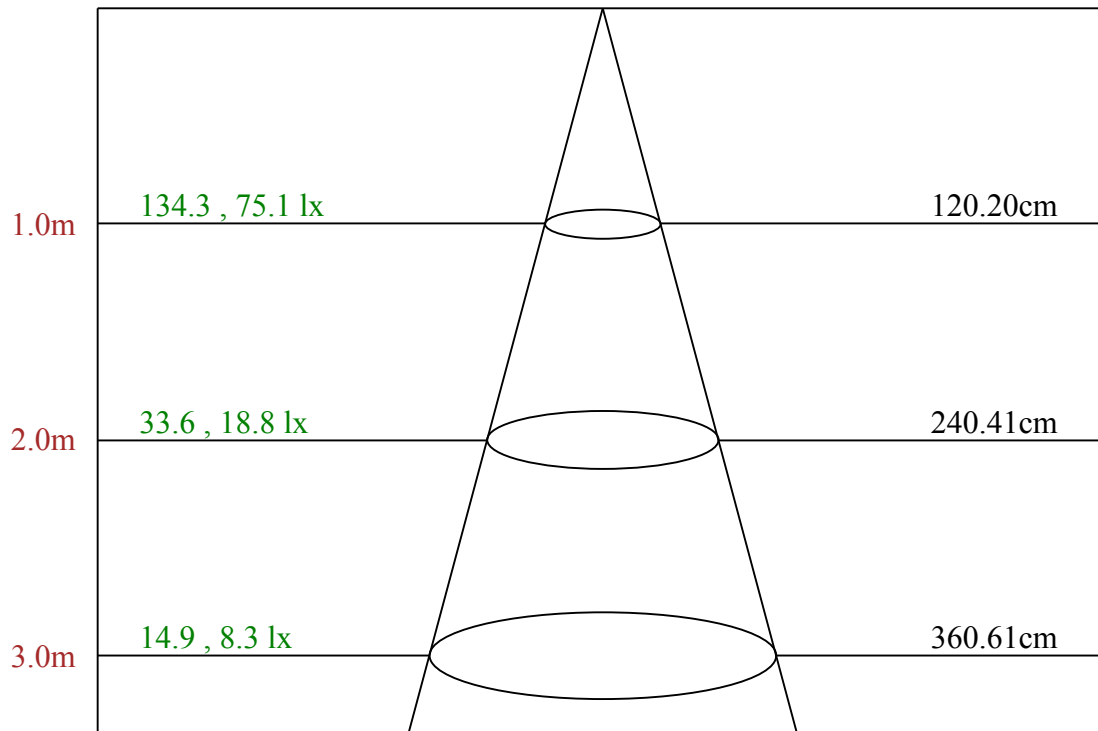
Average BeamAngle(IEC 61341): 62.01

Equipment: equipamento lumini
Temperature(°C): 25.9

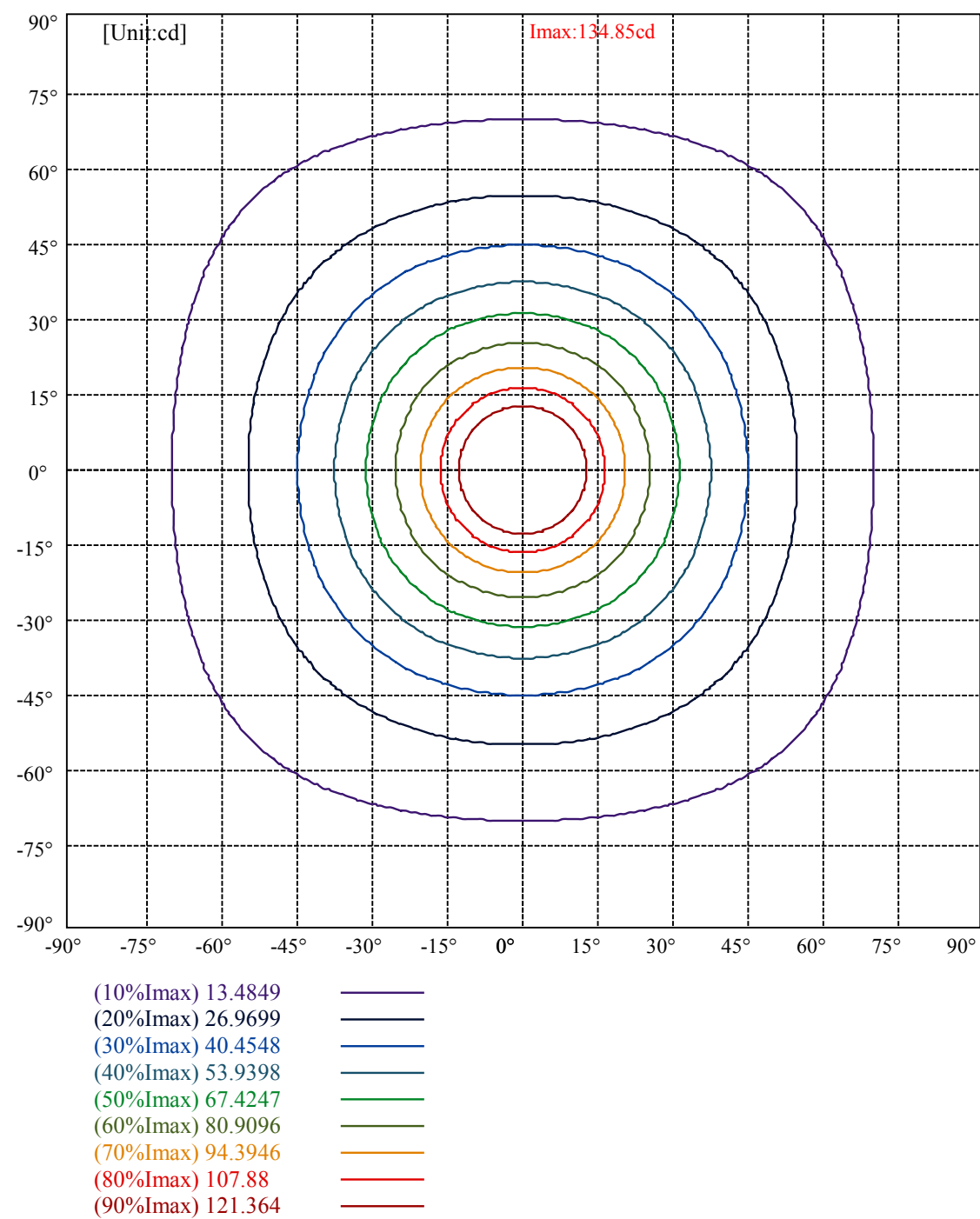
Date: 24/01/2025
Humidity(%): 64.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 62.01



lumini

Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	6973	6231	5663	5285	5031	4650	4576	4828	6709
C45	6973	6231	5663	5285	5031	4650	4576	4828	6709
C90	6973	6231	5663	5285	5031	4650	4576	4828	6709

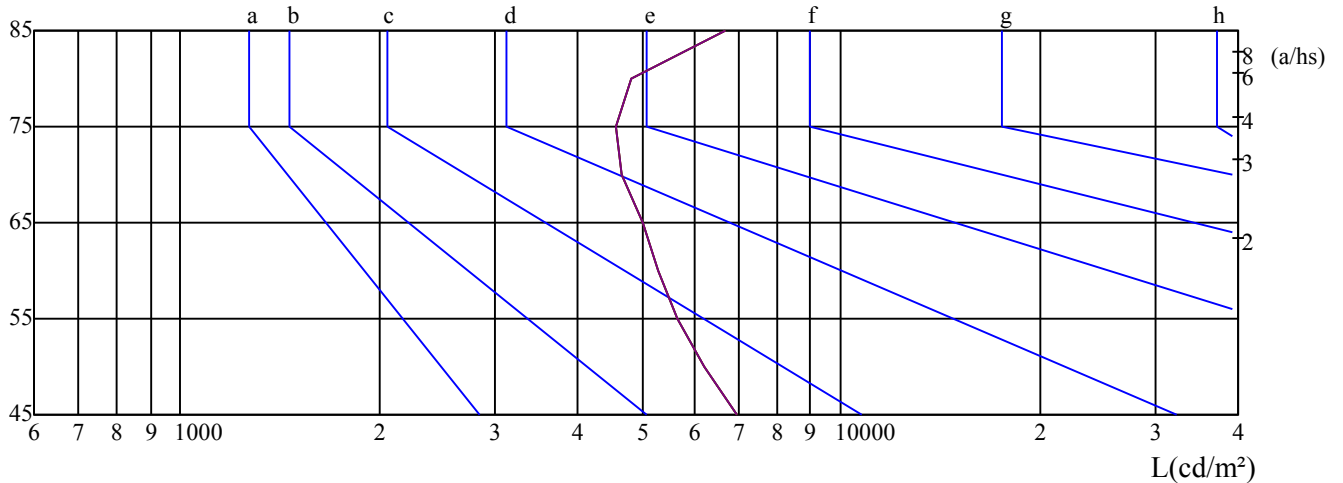
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
5031	5031	5031	4576	4576	4576	6709	6709	6709

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($^{\circ}\text{C}$): 25.9

Date: 24/01/2025
Humidity(%): 64.0%

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	16.16	17.54	16.60	17.96	18.40	19.71	21.08	20.15	21.50	21.94
	3H	17.97	19.21	18.43	19.65	20.11	20.90	22.15	21.37	22.59	23.05
	4H	18.63	19.80	19.10	20.25	20.73	21.33	22.50	21.80	22.95	23.43
	6H	19.37	20.45	19.86	20.92	21.43	21.66	22.74	22.14	23.21	23.72
	8H	19.76	20.80	20.25	21.27	21.79	21.72	22.76	22.21	23.24	23.76
	12H	20.20	21.20	20.70	21.69	22.21	21.75	22.75	22.24	23.23	23.76
4H	2H	17.02	18.18	17.49	18.64	19.12	19.89	21.05	20.36	21.51	21.99
	3H	18.93	19.92	19.42	20.40	20.93	21.28	22.28	21.78	22.76	23.29
	4H	19.81	20.69	20.32	21.20	21.75	21.92	22.80	22.43	23.31	23.86
	6H	20.70	21.49	21.24	22.02	22.57	22.38	23.16	22.92	23.69	24.25
	8H	21.19	21.93	21.75	22.46	23.04	22.53	23.26	23.08	23.80	24.37
	12H	21.76	22.44	22.32	22.97	23.59	22.64	23.32	23.19	23.85	24.46
8H	4H	20.30	21.03	20.85	21.57	22.15	22.12	22.86	22.68	23.40	23.97
	6H	21.43	22.05	22.00	22.60	23.21	22.76	23.38	23.33	23.93	24.55
	8H	22.12	22.65	22.71	23.25	23.85	23.07	23.61	23.66	24.20	24.80
	12H	22.85	23.31	23.45	23.90	24.52	23.27	23.73	23.87	24.32	24.94
12H	4H	20.38	21.06	20.94	21.59	22.21	22.16	22.85	22.72	23.37	23.99
	6H	21.64	22.18	22.23	22.77	23.37	22.91	23.45	23.50	24.04	24.65
	8H	22.38	22.83	22.97	23.42	24.04	23.24	23.70	23.84	24.29	24.91
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.5					0.2/-0.5				
S = 1.5H		0.7/-0.8					0.7/-0.8				
S = 2.0H		0.8/-0.9					0.8/-0.9				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		6.7					6.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email: laboratorio@lumini.com.br
Tel: +55 11 3437-5555 Fax: +55 11 3437-5555
Address: Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

lumini

LumCAT:

Luminaire: led line perfil 12V 30 c lp 7.5W

LampCAT: modulo led line 15W/m 12Vdc 30K irc 90

Ballast type: led line driver 12V

Report No:

Voltage(V): 124.0000

Test No:

Current(A): 0.1040

Number of Lamps: 1

Power (W): 12.8960

Lamp flux(lm): 707.0

PF: 0.0000

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 534.72, Efficiency(%): 75.63% , Luminous Efficacy(lm/W): 41.46

Central intensity(cd): 329.771, Maximum intensity(cd): 330.979

Angle of maximum intensity: C=0.0 γ =7.0

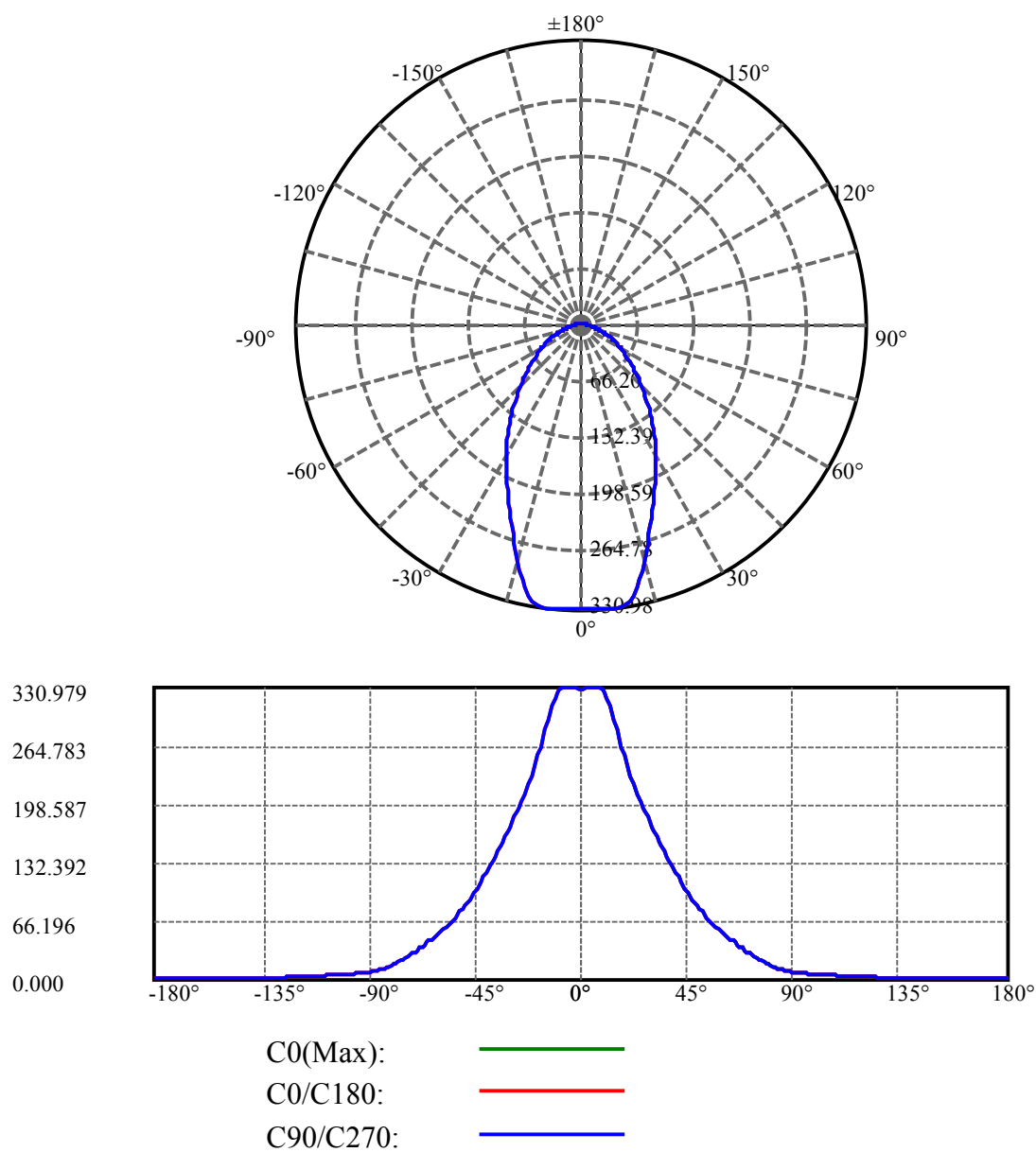
Beam angle of C0 plane : 63.23

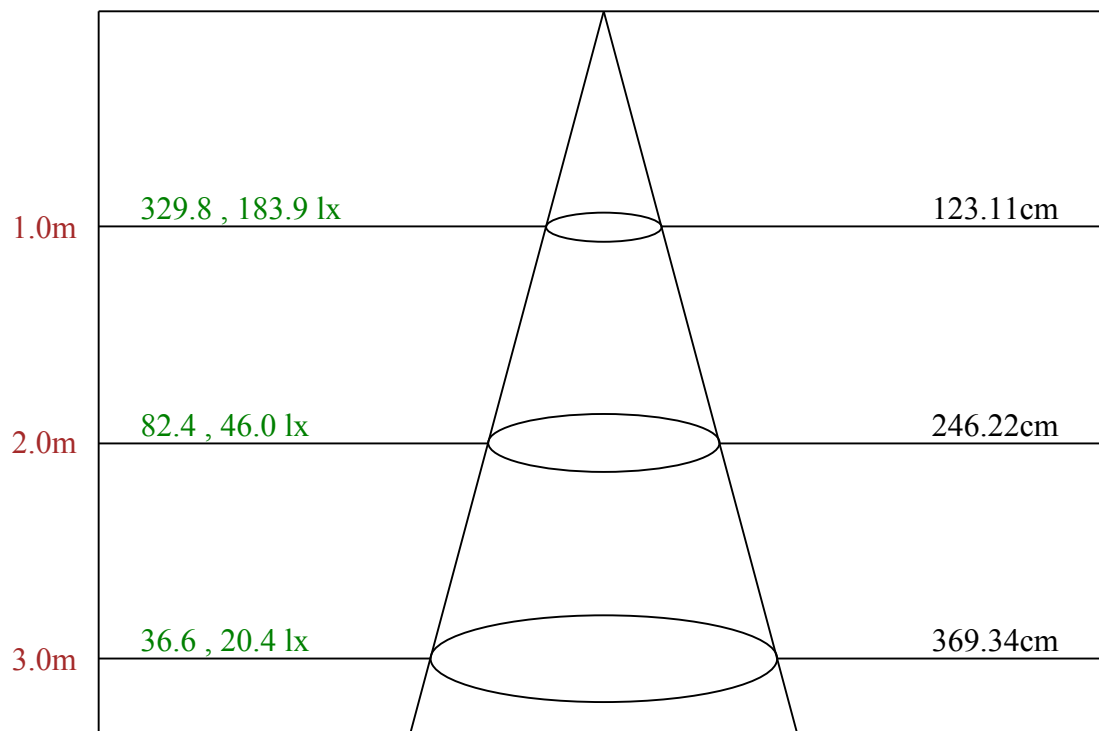
Average BeamAngle(IEC 61341): 63.23

Equipment: equipamento lumini
Temperature(°C): 25.9

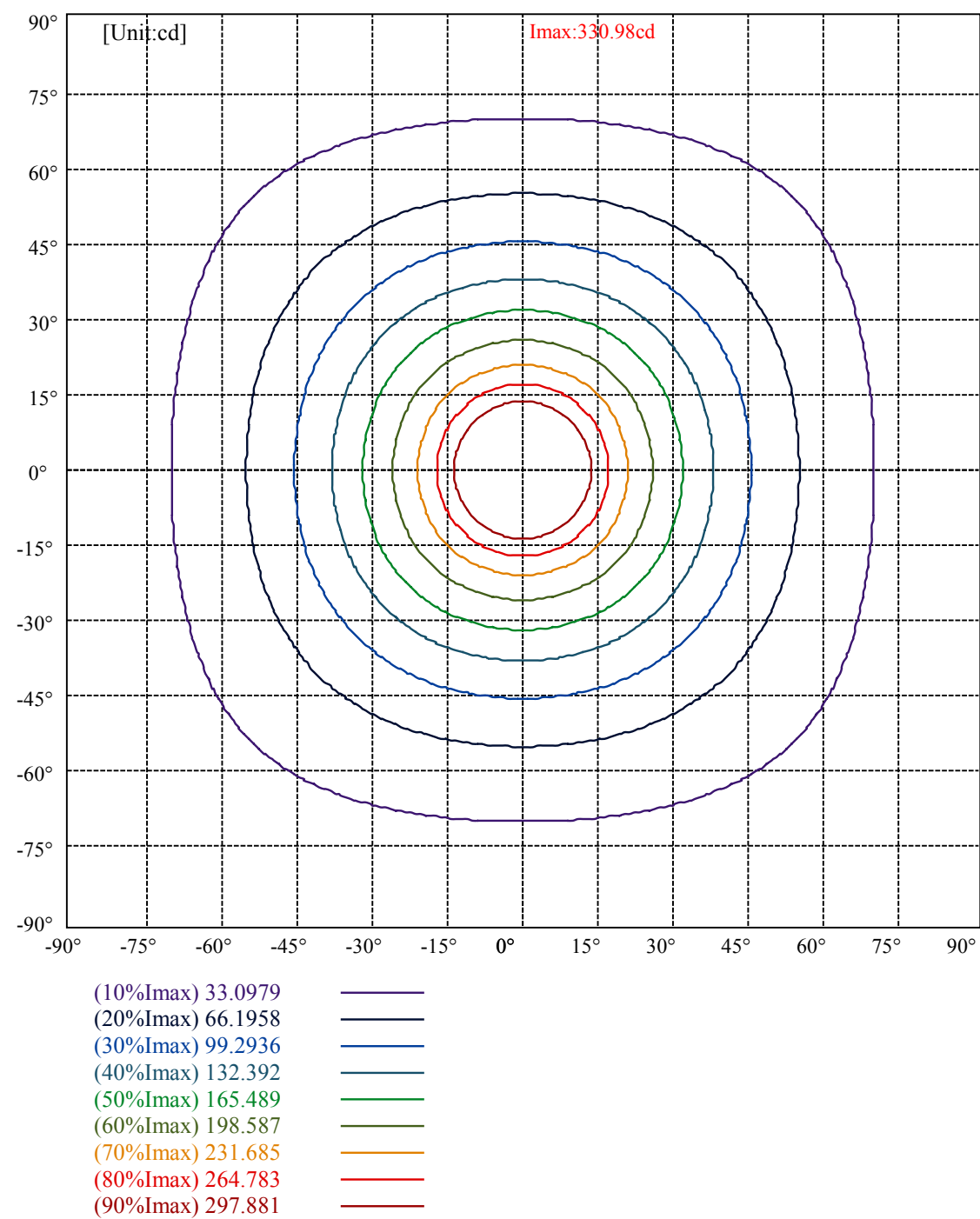
Date: 24/01/2025
Humidity(%): 64.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 63.23



Luminance Table

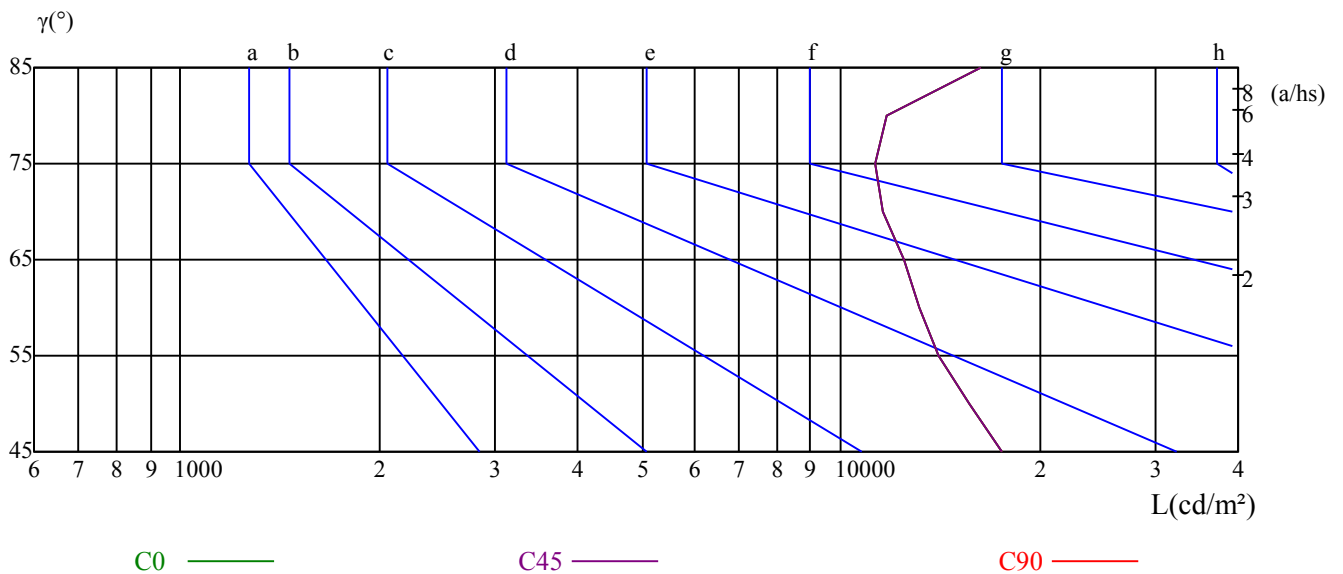
γ	45	50	55	60	65	70	75	80	85
C0	17559	15630	14079	13117	12485	11582	11278	11708	16328
C45	17559	15630	14079	13117	12485	11582	11278	11708	16328
C90	17559	15630	14079	13117	12485	11582	11278	11708	16328

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
12485	12485	12485	11278	11278	11278	16328	16328	16328

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	19.19	20.57	19.63	20.99	21.42	22.65	24.03	23.09	24.44	24.88
	3H	21.02	22.27	21.48	22.70	23.16	23.79	25.04	24.25	25.47	25.93
	4H	21.69	22.86	22.16	23.30	23.78	24.19	25.36	24.66	25.80	26.28
	6H	22.42	23.51	22.91	23.97	24.48	24.47	25.56	24.96	26.02	26.53
	8H	22.80	23.84	23.29	24.31	24.83	24.52	25.56	25.01	26.03	26.55
	12H	23.24	24.25	23.74	24.73	25.25	24.53	25.53	25.02	26.01	26.53
4H	2H	20.01	21.18	20.48	21.63	22.11	22.82	23.99	23.30	24.44	24.92
	3H	21.94	22.93	22.43	23.41	23.93	24.16	25.16	24.66	25.63	26.16
	4H	22.82	23.70	23.33	24.20	24.76	24.76	25.64	25.27	26.14	26.70
	6H	23.69	24.48	24.23	25.01	25.56	25.16	25.94	25.70	26.47	27.03
	8H	24.18	24.91	24.73	25.45	26.02	25.29	26.02	25.84	26.55	27.13
	12H	24.75	25.44	25.31	25.96	26.58	25.37	26.05	25.92	26.58	27.19
8H	4H	23.26	24.00	23.81	24.53	25.10	24.95	25.69	25.50	26.22	26.79
	6H	24.35	24.97	24.92	25.52	26.13	25.52	26.13	26.08	26.68	27.29
	8H	25.03	25.57	25.62	26.16	26.76	25.79	26.33	26.38	26.92	27.51
	12H	25.79	26.24	26.38	26.83	27.44	25.96	26.41	26.56	27.00	27.62
12H	4H	23.32	24.01	23.88	24.53	25.15	24.99	25.67	25.54	26.20	26.81
	6H	24.55	25.08	25.14	25.67	26.27	25.66	26.20	26.25	26.79	27.38
	8H	25.27	25.72	25.87	26.32	26.93	25.96	26.41	26.55	27.00	27.62
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.5					0.2/-0.5				
S = 1.5H		0.7/-0.8					0.7/-0.8				
S = 2.0H		0.8/-0.9					0.8/-0.9				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		9.8					9.8				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email:laboratorio@lumini.com.br
Tel:+55 11 3437-5555 Fax:+55 11 3437-5555
Address:Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

lumini

LumCAT:

Luminaire: led line perfil 24V 30 c lp 4.5W

LampCAT: modulo led line 9W/m 24Vdc 27K irc 90

Ballast type: led line driver 24V

Report No:

Voltage(V): 126.8000

Test No:

Current(A): 0.1070

Number of Lamps: 1

Power (W): 13.5680

Lamp flux(lm): 382.0

PF: 0.0000

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 293.39, Efficiency(%): 76.80% , Luminous Efficacy(lm/W): 21.62

Central intensity(cd): 182.049, Maximum intensity(cd): 182.102

Angle of maximum intensity: C=0.0 γ =1.0

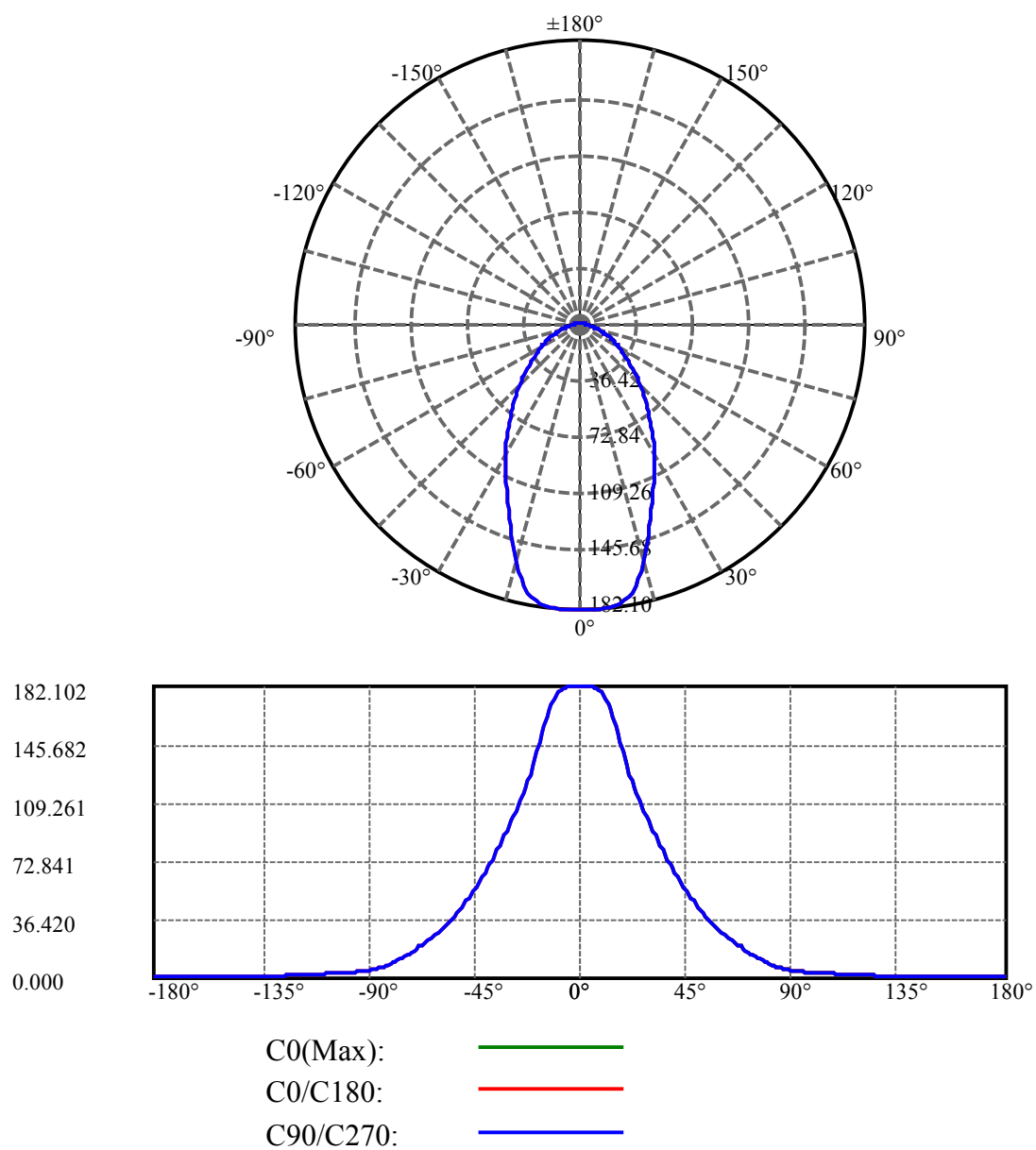
Beam angle of C0 plane : 62.69

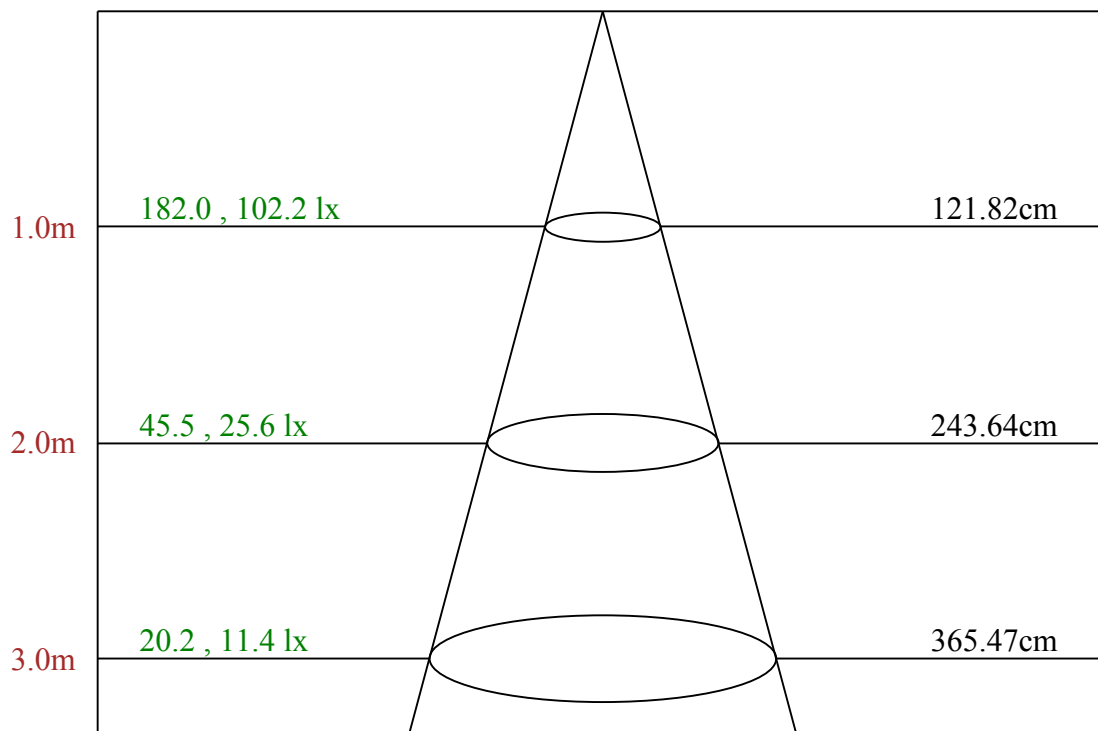
Aveage BeamAngle(IEC 61341):62.69

Equipment: equipamento lumini
Temperature(°C): 25.9

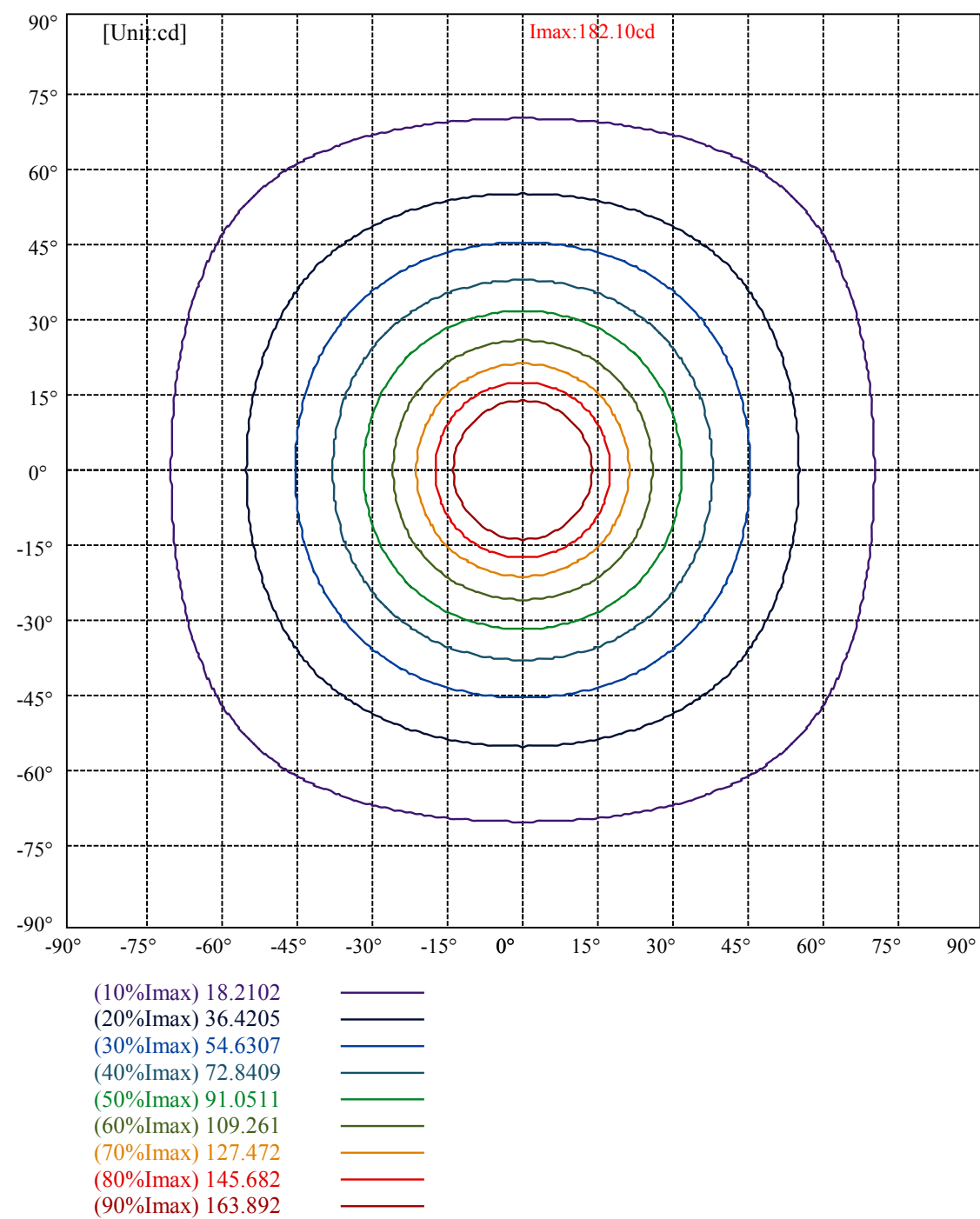
Date: 24/01/2025
Humidity(%): 64.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 62.69



lumini

Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	9593	8529	7761	7136	6766	6360	6128	6477	8971
C45	9593	8529	7761	7136	6766	6360	6128	6477	8971
C90	9593	8529	7761	7136	6766	6360	6128	6477	8971

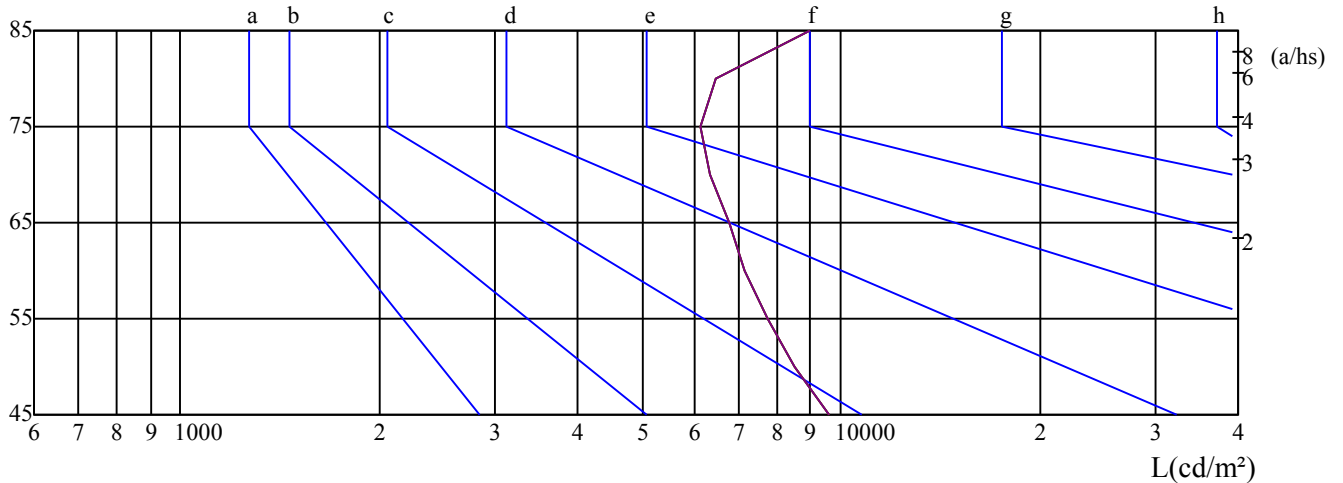
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
6766	6766	6766	6128	6128	6128	8971	8971	8971

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($^{\circ}\text{C}$): 25.9

Date: 24/01/2025
Humidity(%): 64.0%

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	17.31	18.69	17.75	19.11	19.54	20.85	22.23	21.29	22.64	23.08
	3H	19.29	20.54	19.76	20.97	21.43	21.95	23.20	22.42	23.63	24.09
	4H	19.96	21.13	20.43	21.57	22.05	22.32	23.49	22.80	23.94	24.42
	6H	20.69	21.77	21.17	22.23	22.74	22.59	23.67	23.08	24.14	24.64
	8H	21.06	22.10	21.55	22.57	23.09	22.63	23.68	23.12	24.15	24.66
	12H	21.50	22.50	22.00	22.98	23.50	22.64	23.64	23.13	24.12	24.64
4H	2H	18.15	19.32	18.62	19.77	20.25	21.02	22.19	21.50	22.64	23.12
	3H	20.21	21.20	20.70	21.68	22.20	22.32	23.31	22.82	23.79	24.32
	4H	21.08	21.96	21.59	22.47	23.02	22.89	23.77	23.40	24.27	24.82
	6H	21.95	22.74	22.49	23.27	23.82	23.27	24.06	23.81	24.59	25.14
	8H	22.44	23.17	22.99	23.71	24.28	23.40	24.13	23.95	24.67	25.24
	12H	23.01	23.69	23.56	24.21	24.83	23.47	24.16	24.03	24.68	25.30
8H	4H	21.51	22.25	22.06	22.78	23.35	23.09	23.82	23.64	24.36	24.93
	6H	22.62	23.23	23.19	23.79	24.39	23.65	24.26	24.22	24.82	25.42
	8H	23.30	23.83	23.89	24.42	25.02	23.92	24.46	24.51	25.05	25.65
	12H	24.04	24.49	24.64	25.08	25.70	24.09	24.54	24.69	25.13	25.75
12H	4H	21.58	22.26	22.13	22.79	23.40	23.13	23.81	23.68	24.34	24.95
	6H	22.81	23.35	23.40	23.94	24.54	23.80	24.34	24.39	24.93	25.53
	8H	23.54	23.99	24.13	24.58	25.20	24.10	24.55	24.70	25.14	25.76
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.5					0.2/-0.5				
S = 1.5H		0.7/-0.8					0.7/-0.8				
S = 2.0H		0.8/-0.9					0.8/-0.9				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		7.7					7.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email:laboratorio@lumini.com.br
Tel:+55 11 3437-5555 Fax:+55 11 3437-5555
Address:Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

lumini

LumCAT:

Luminaire: led line perfil 24V 30 c lp 12W

LampCAT: modulo led line 24W/m 24Vdc 30K irc 90

Ballast type: led line driver 24V

Report No:

Voltage(V): 126.0000

Test No:

Current(A): 0.1380

Number of Lamps: 1

Power (W): 17.3880

Lamp flux(lm): 1078.0

PF: 0.0000

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 837.16, Efficiency(%): 77.66% , Luminous Efficacy(lm/W): 48.15

Central intensity(cd): 515.224, Maximum intensity(cd): 516.259

Angle of maximum intensity: C=0.0 γ =7.0

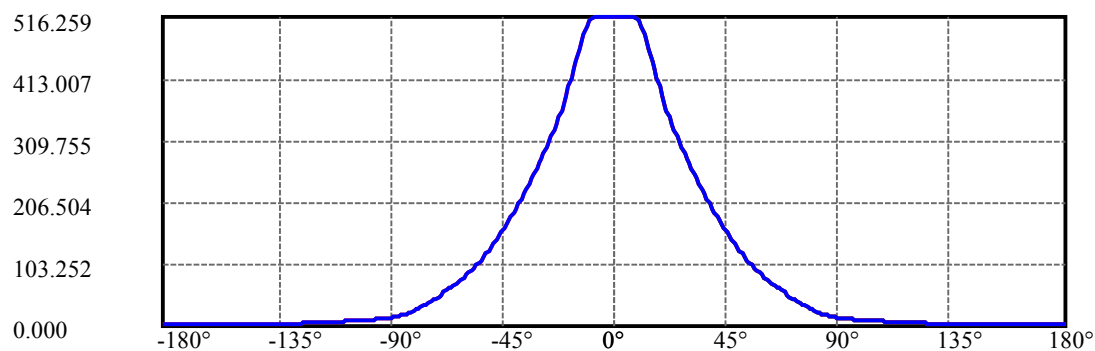
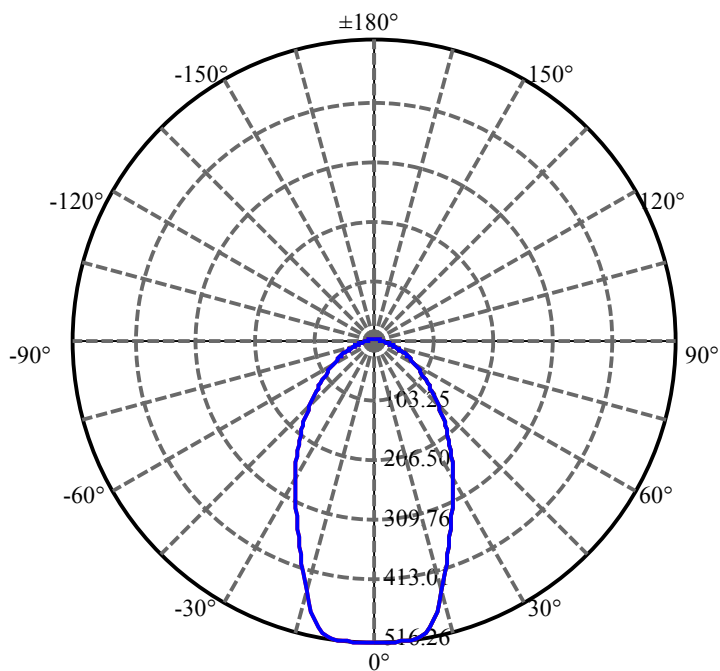
Beam angle of C0 plane : 63.25

Aveage BeamAngle(IEC 61341):63.25

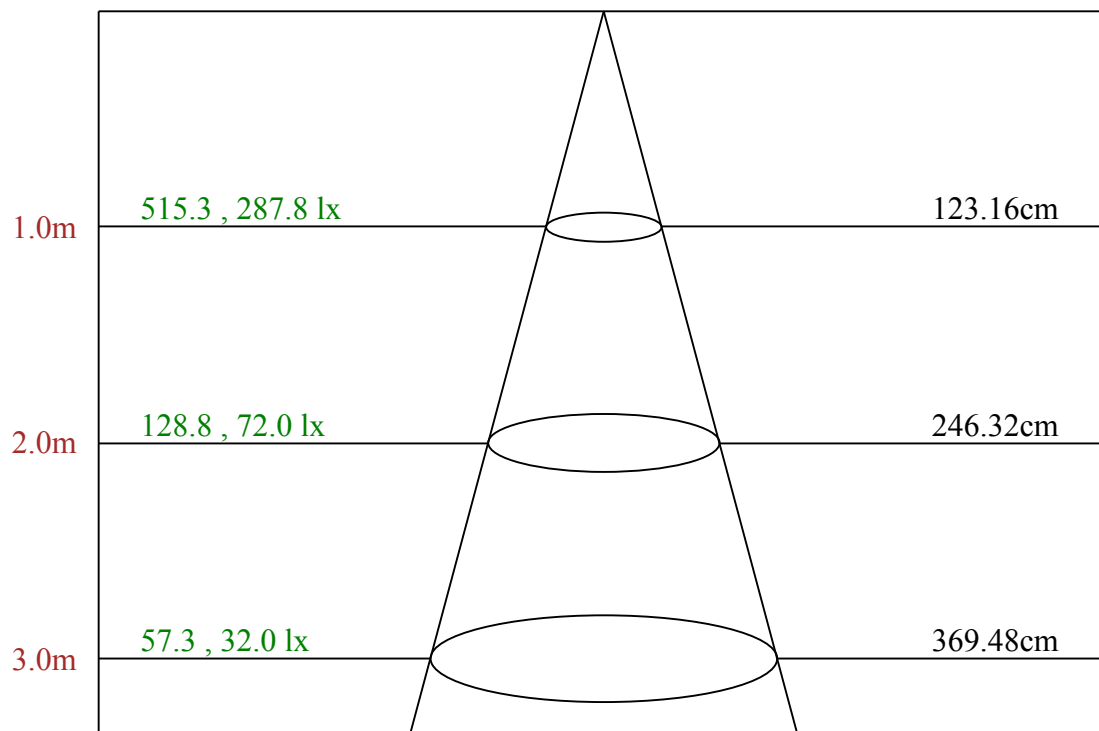
Equipment: equipamento lumini
Temperature(°C): 25.9

Date: 24/01/2025
Humidity(%): 64.0%

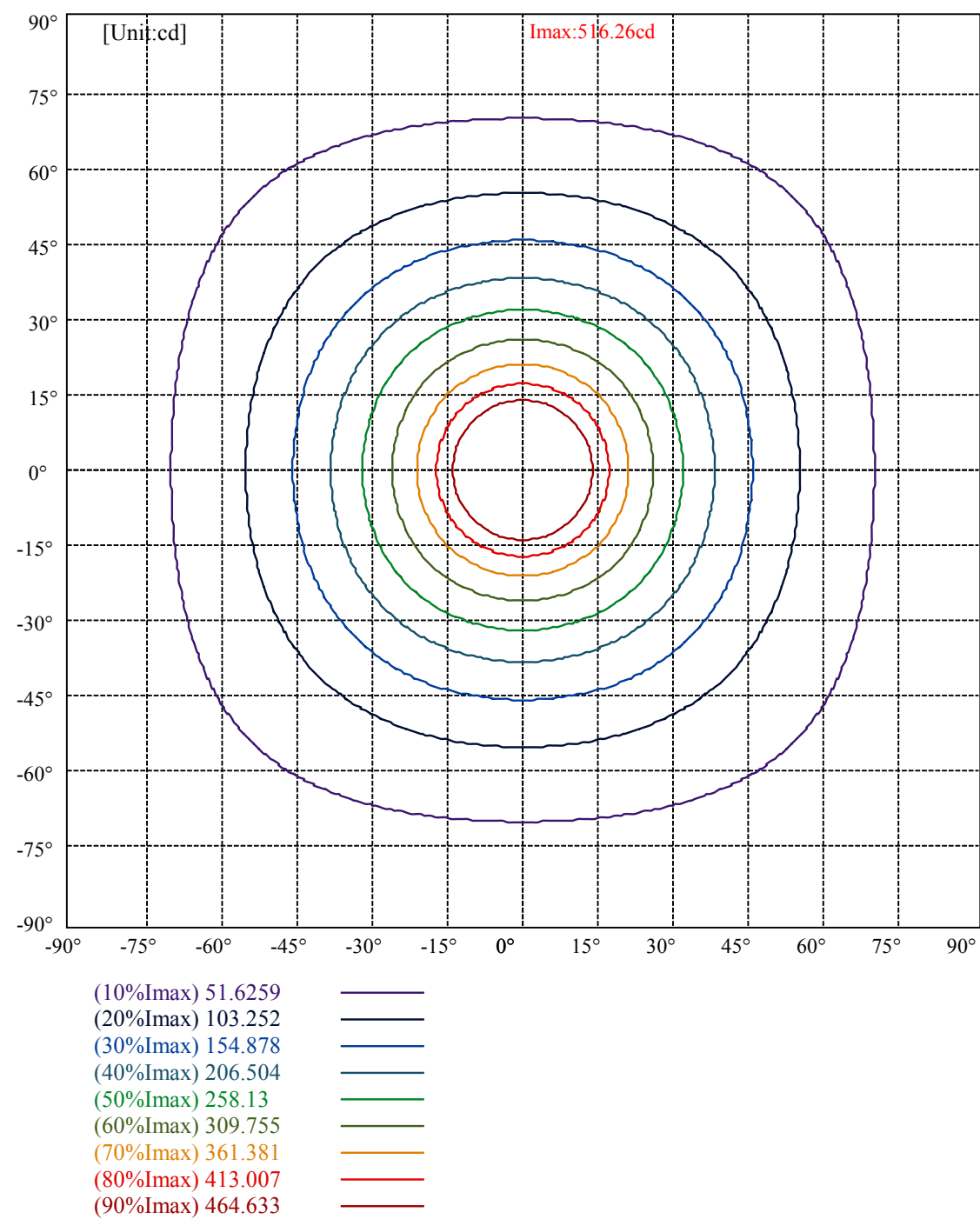
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 63.25



Luminance Table

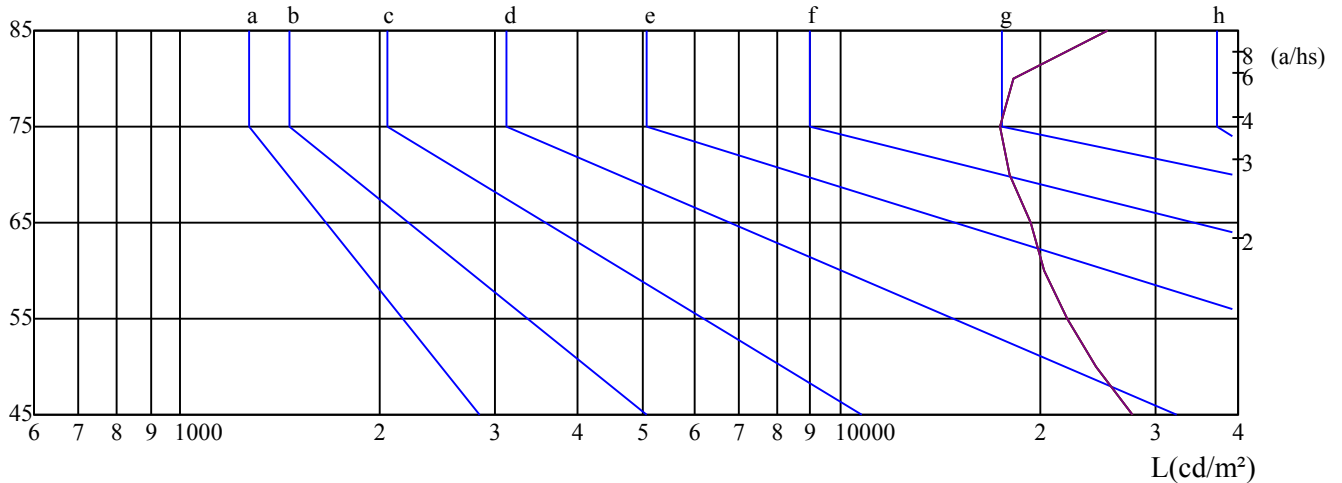
γ	45	50	55	60	65	70	75	80	85
C0	27718	24434	22063	20386	19364	18083	17478	18293	25359
C45	27718	24434	22063	20386	19364	18083	17478	18293	25359
C90	27718	24434	22063	20386	19364	18083	17478	18293	25359

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
19364	19364	19364	17478	17478	17478	25359	25359	25359

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 ———

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	20.82	22.20	21.26	22.61	23.05	24.11	25.48	24.54	25.90	26.33
	3H	22.78	24.02	23.24	24.46	24.92	25.20	26.44	25.66	26.88	27.34
	4H	23.45	24.62	23.92	25.07	25.54	25.57	26.73	26.04	27.18	27.66
	6H	24.19	25.27	24.67	25.73	26.24	25.82	26.91	26.31	27.37	27.88
	8H	24.56	25.61	25.05	26.08	26.59	25.86	26.90	26.35	27.37	27.89
	12H	25.01	26.01	25.50	26.49	27.01	25.86	26.86	26.35	27.34	27.86
4H	2H	21.61	22.78	22.08	23.23	23.71	24.28	25.45	24.76	25.90	26.38
	3H	23.65	24.65	24.15	25.13	25.65	25.58	26.57	26.07	27.05	27.57
	4H	24.54	25.42	25.05	25.92	26.47	26.14	27.02	26.65	27.53	28.08
	6H	25.42	26.20	25.96	26.73	27.29	26.51	27.30	27.05	27.82	28.38
	8H	25.91	26.64	26.46	27.17	27.75	26.63	27.36	27.18	27.90	28.47
	12H	26.48	27.16	27.03	27.69	28.30	26.70	27.38	27.25	27.91	28.52
8H	4H	24.95	25.68	25.50	26.22	26.79	26.35	27.08	26.90	27.62	28.19
	6H	26.05	26.67	26.62	27.22	27.83	26.89	27.50	27.45	28.05	28.66
	8H	26.73	27.27	27.32	27.86	28.46	27.15	27.69	27.74	28.28	28.88
	12H	27.49	27.94	28.08	28.53	29.15	27.31	27.77	27.91	28.36	28.97
12H	4H	25.01	25.69	25.56	26.21	26.83	26.39	27.07	26.94	27.60	28.21
	6H	26.23	26.77	26.82	27.36	27.96	27.04	27.58	27.63	28.17	28.76
	8H	26.96	27.41	27.56	28.00	28.62	27.33	27.78	27.93	28.37	28.99
Variation with the observer position at spacings:											
S = 1.0H		0.2/-0.5					0.2/-0.5				
S = 1.5H		0.7/-0.8					0.7/-0.8				
S = 2.0H		0.8/-0.9					0.8/-0.9				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		11.3					11.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



lumini Solucoes em Iluminacao LTDA
www.lumini.com.br
Email: laboratorio@lumini.com.br
Tel: +55 11 3437-5555 Fax: +55 11 3437-5555
Address: Rua Ferreira Viana, 716 - Socorro - São Paulo/SP

lumini

LumCAT:

Luminaire: led line perfil 30 c mp 12.5W

LampCAT: modulo led line 25W/m 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.7000

Test No:

Current(A): 0.1520

Number of Lamps: 1

Power (W): 17.0950

Lamp flux(lm): 1748.0

PF: 0.8830

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1452.48, Efficiency(%): 83.09% , Luminous Efficacy(lm/W): 84.97

Central intensity(cd): 819.106, Maximum intensity(cd): 819.106

Angle of maximum intensity: C=0.0 γ =0.0

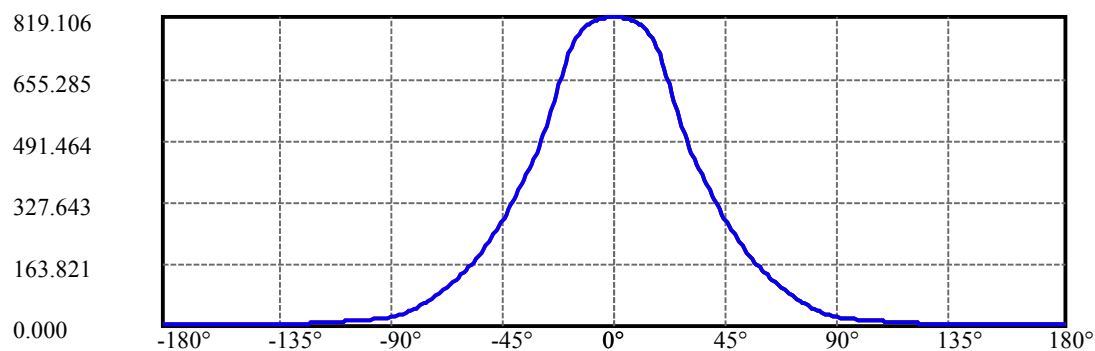
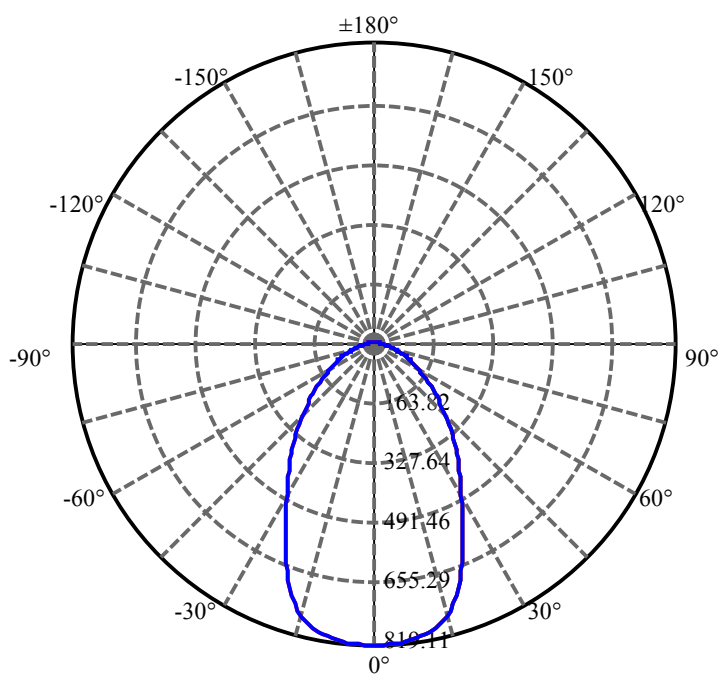
Beam angle of C0 plane : 68.83

Average BeamAngle(IEC 61341): 68.83

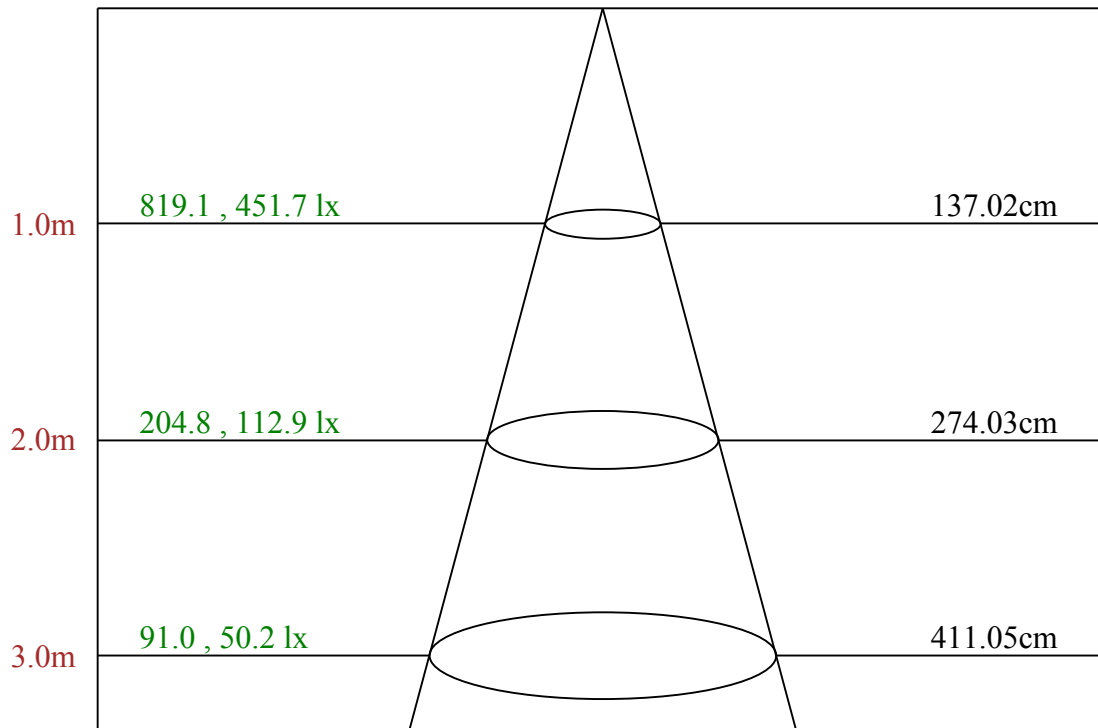
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 28/04/2025
Humidity(%): 64.0%

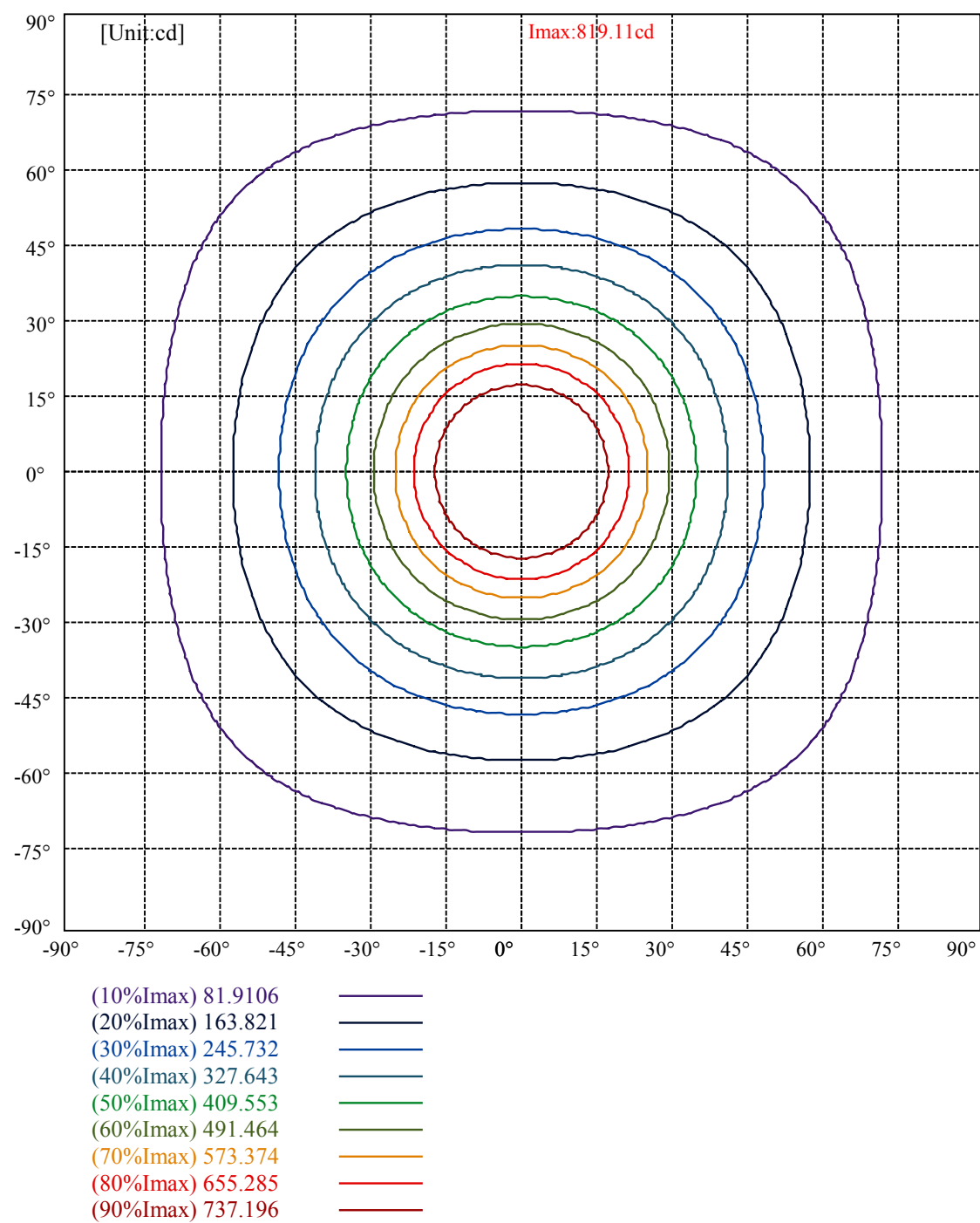
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 68.83



Luminance Table

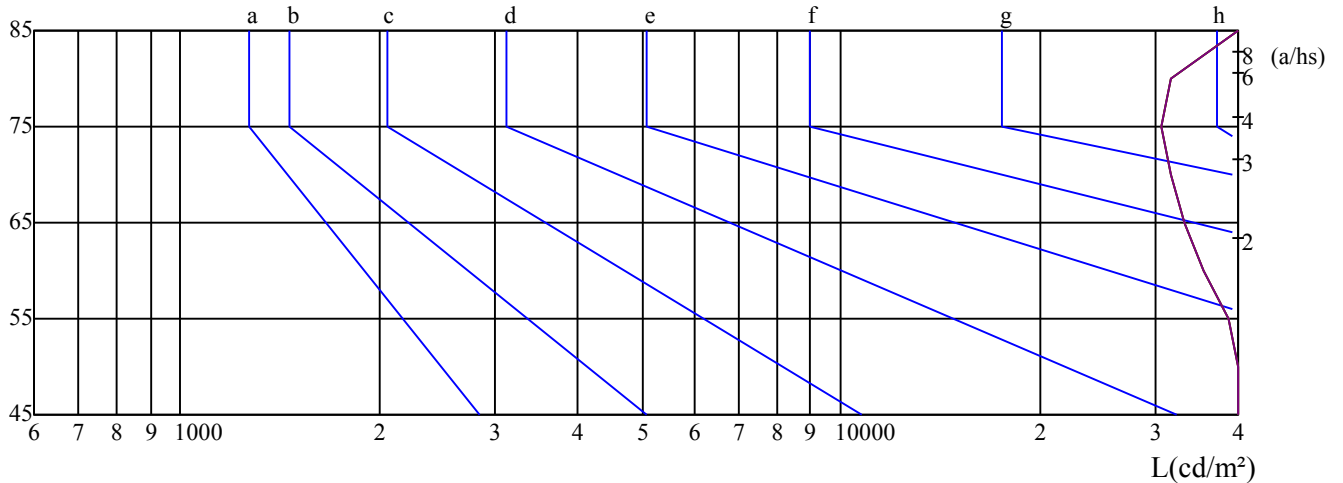
γ	45	50	55	60	65	70	75	80	85
C0	48730	43150	38783	35425	33121	31671	30559	31663	43317
C45	48730	43150	38783	35425	33121	31671	30559	31663	43317
C90	48730	43150	38783	35425	33121	31671	30559	31663	43317

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
33121	33121	33121	30559	30559	30559	43317	43317	43317

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

 $\gamma(^{\circ})$ 

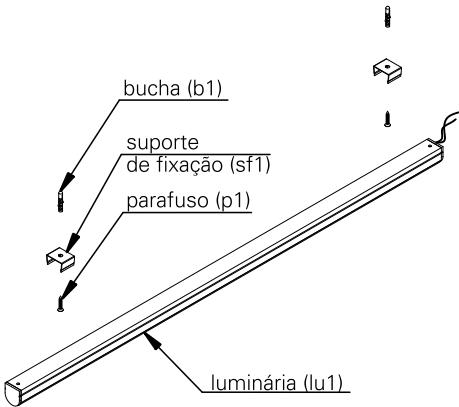
C0 ———

C45 ———

C90 ———

led line

led line perfil 30° c



especificações técnicas

fonte de luz
módulo led integrado (incluso)

índice de proteção
IP20 - luminária para uso interno

peso
led line perfil 30° c - 0,35 kg

cuidados com o produto
o produto deve ser manuseado com cuidado para evitar riscos e deformações.

para limpeza, utilize detergente neutro e um pano de algodão macio. finalize com um pano de algodão seco.

instalação

conteúdo da embalagem
1 luminária
2 buchas
2 parafusos
2 suportes de fixação

ferramentas necessárias
chave philips
furadeira
broca

informações importantes
para a instalação, lave as mãos e seque as mãos, use luvas descartáveis.

antes de iniciar a instalação, certifique-se que a energia elétrica esteja desligada.

retire a luminária da embalagem com cuidado e apoie-o em uma superfície limpa e seca.

atenção

leia atentamente todas as instruções relacionadas ao seu produto antes de utilizá-lo.

antes de iniciar a instalação, certifique-se que a energia elétrica esteja desligada.

não são permitidas modificações no produto, esse deve atender à finalidade para a qual foi projetado e ser utilizado de acordo com as especificações técnicas.

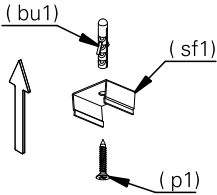
para evitar riscos e deformações à luminária, evite o processo de calafetagem.

em caso de dúvidas, entre em contato com o fabricante.

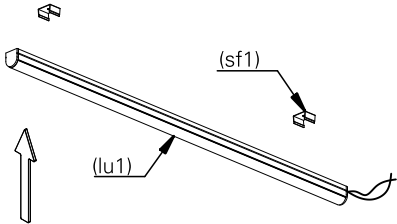
instalação passo a passo



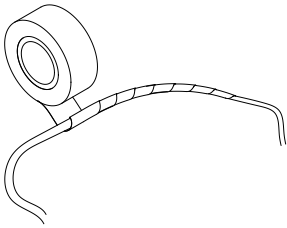
1. faça um furo no teto e encaixe a bucha (b1).
utilize o parafuso (p1) para fixar o suporte de fixação (sf1) no teto.
repita a operação para a outra ponta da luminária mantendo o alinhamento desejado.



2. encaixe a luminária (lu1) nos suportes de fixação (sf1).



3. faça a ligação elétrica. isole os fios separadamente com fita isolante.
repita a operação envolvendo o conjunto dos fios, vedando completamente a emenda.



4. ao término da instalação a luminária deverá ficar como a figura abaixo.
ligue a rede elétrica e teste o seu funcionamento.

