

downled sm r pro super wide e

linha de luminárias embutidas circulares para iluminação geral. difusor de alta transmitância, dissipador em alumínio injetado, controle antiofuscamento através do próprio refletor e moldura em alumínio. fixação por meio de molas em aço inox.



informações técnicas

fonte de luz
LED integrado

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

vida útil
50.000h

potência (W), fecho, temperatura de cor (K),
fluxo nominal (lm nominal), fluxo útil (lm útil)

W		K	lm nominal	lm útil
12,5	c	2700		
12,5	m	2700		
12,5	a	2700		
12,5	c	3000	1550	965
12,5	m	3000	1550	925
12,5	a	3000	1150	900
12,5	c	4000		
12,5	m	4000		
12,5	a	4000		

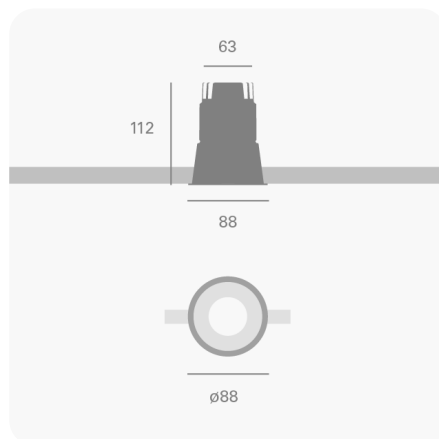
equipamentos
LED driver 350mA (incluso, ponto remoto)

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

instalação
forro de gesso
marcenaria

IP
54

dimensões



acabamentos e cores

cores



titânio



corten



cinza areia



grafite txt



cinza médio



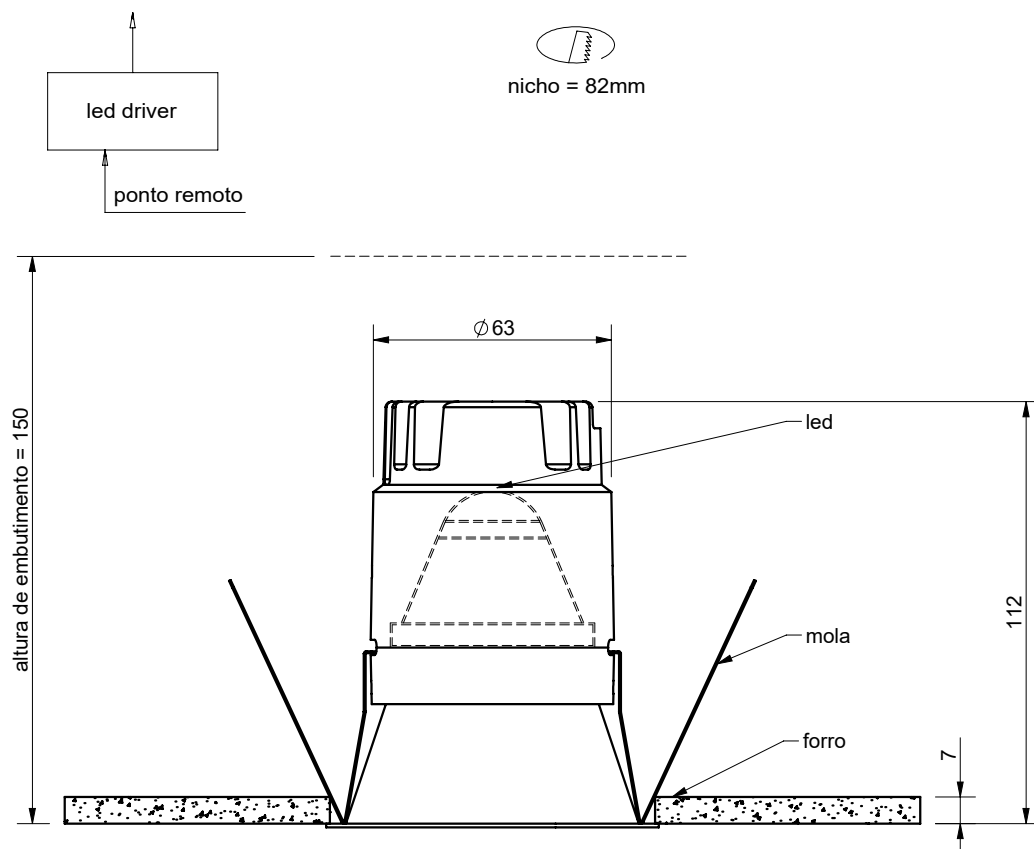
branco txt



preto txt

vista lateral

dimensões em milímetros



downled sm r
super wide

forma
1/1

escala
1:5

data
03/09/2024

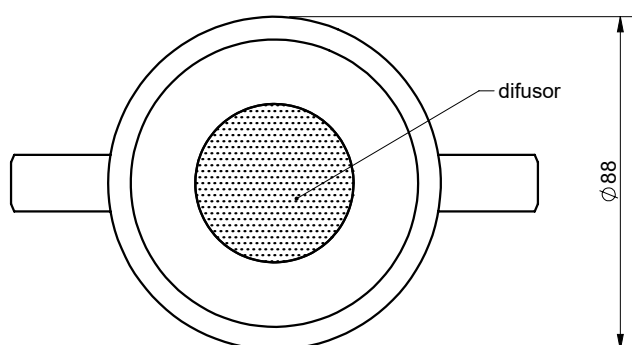
desenhista
joão v.

aprovação

revisões
03/09/2024

vista inferior

dimensões em milímetros



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



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LumCAT:

Luminaire: downled sm r pro s super wide serie 2 e fa

LampCAT: modulo led 12.5W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 124.0000

Test No:

Current(A): 0.1160

Number of Lamps: 1

Power (W): 14.3840

Lamp flux(lm): 1550.0

PF: 0.0000

Length(mm): 30

Width(mm): 30

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 900.82, Efficiency(%): 58.12% , Luminous Efficacy(lm/W): 62.63

Central intensity(cd): 2059.359, Maximum intensity(cd): 2059.359

Angle of maximum intensity: C=0.0 γ =0.0

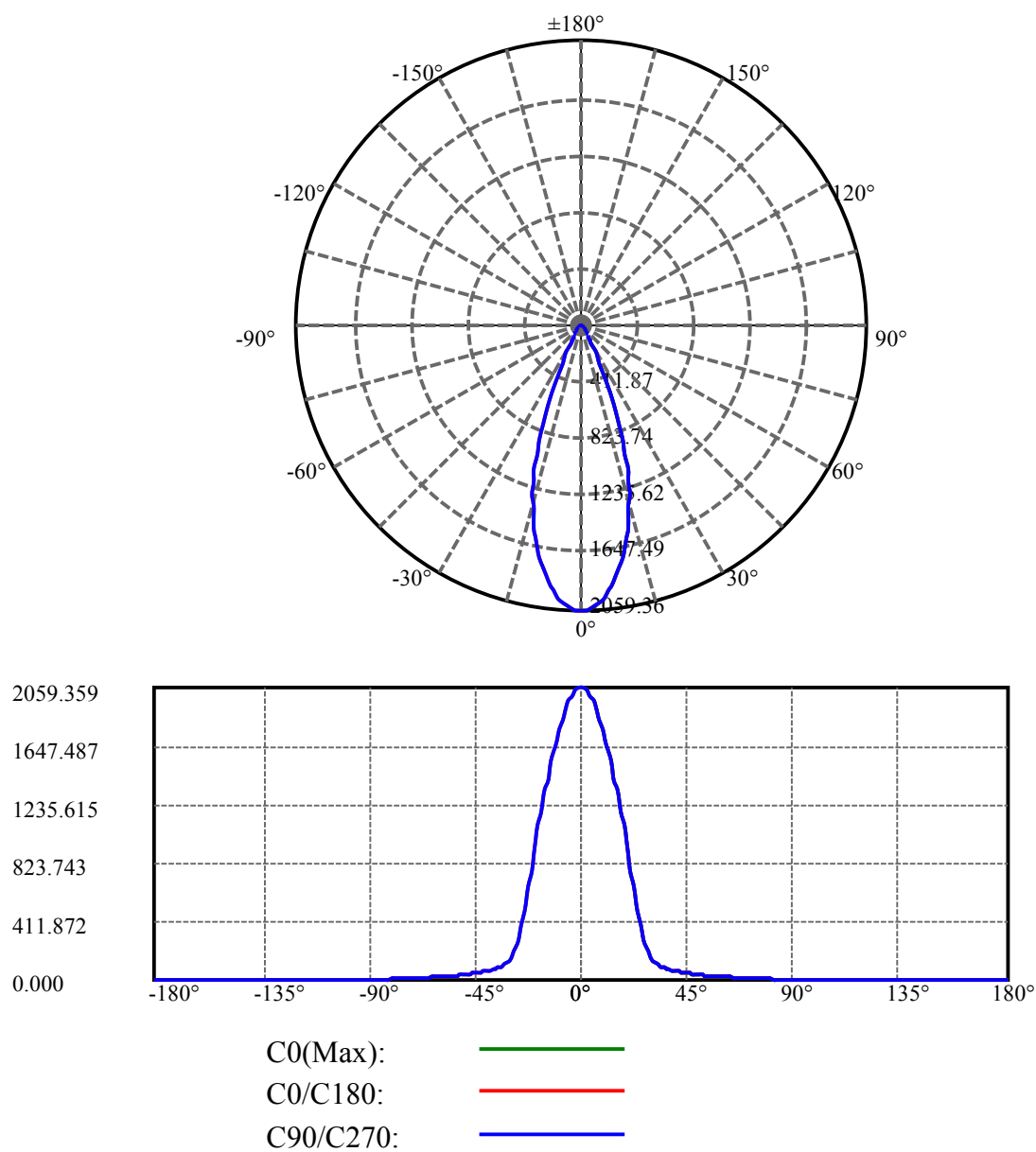
Beam angle of C0 plane : 37.16

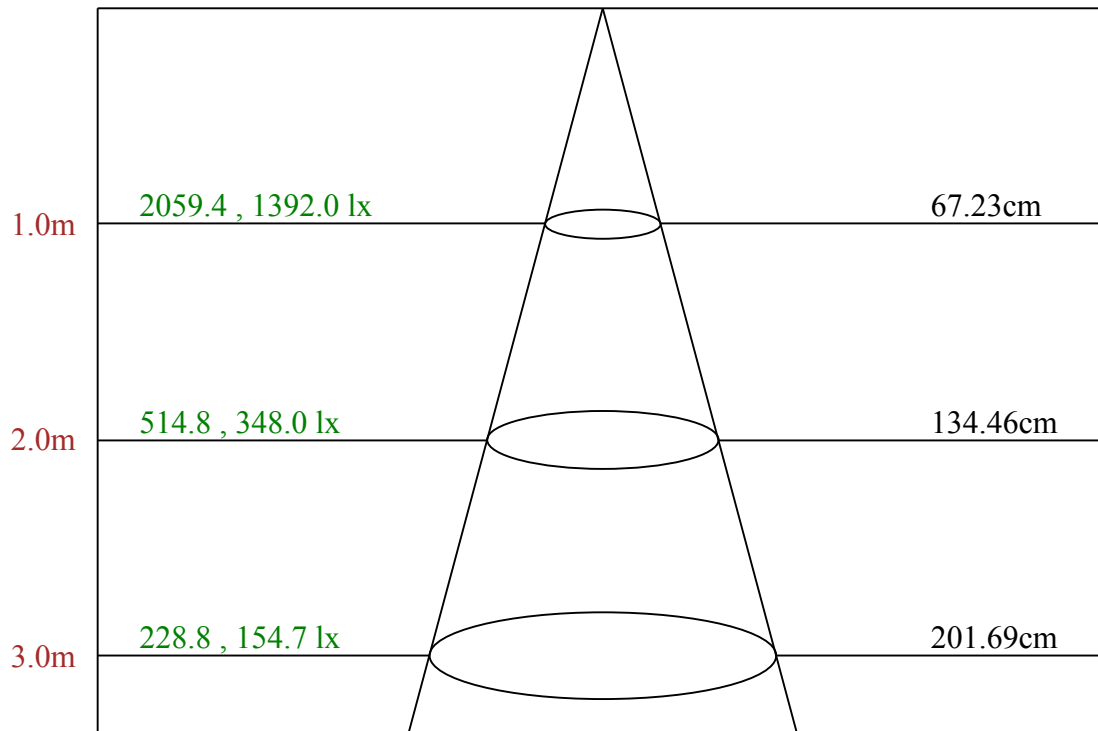
Aveage BeamAngle(IEC 61341):37.16

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 28/01/2025
Humidity(%): 62.0%

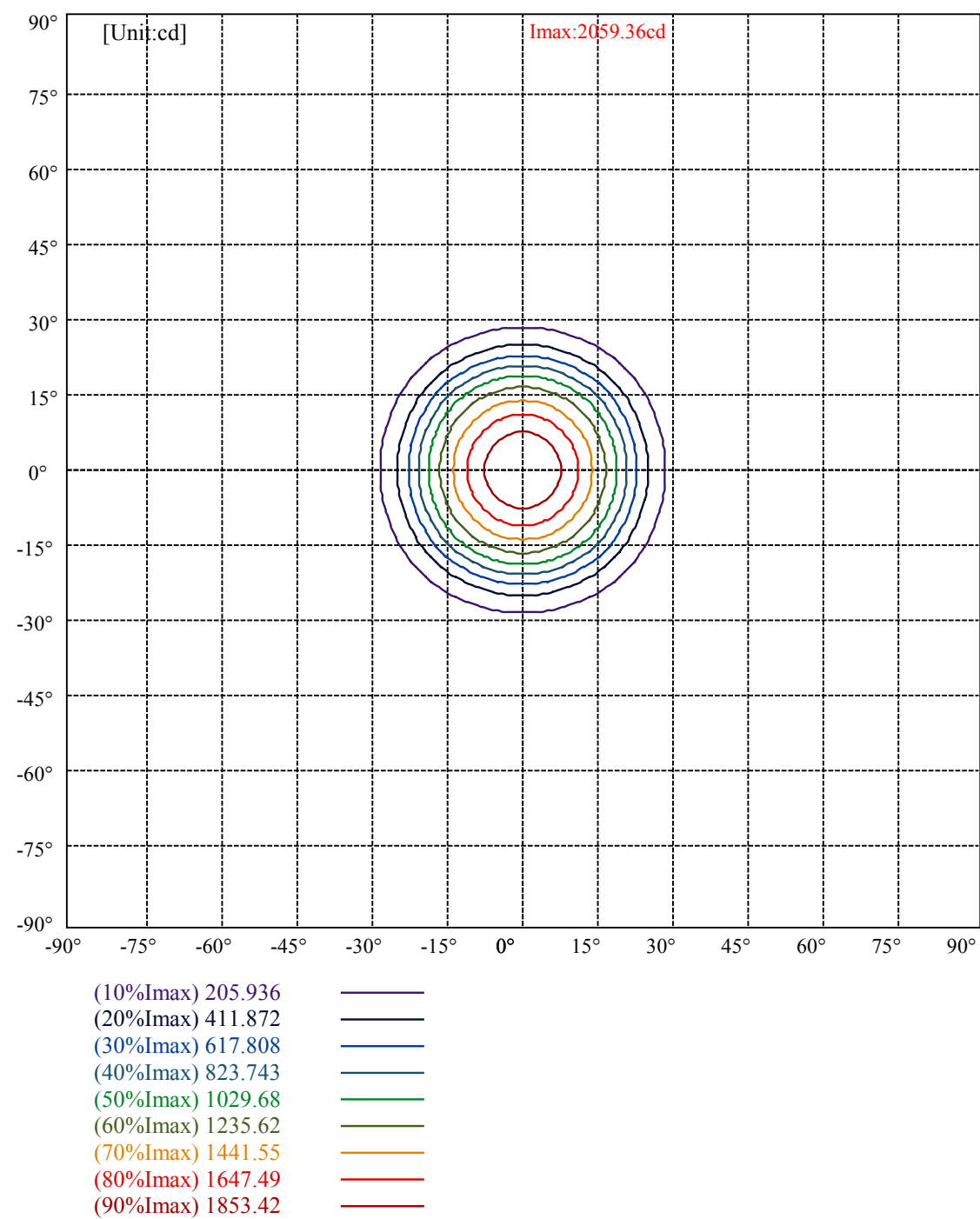
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 37.16



Luminance Table

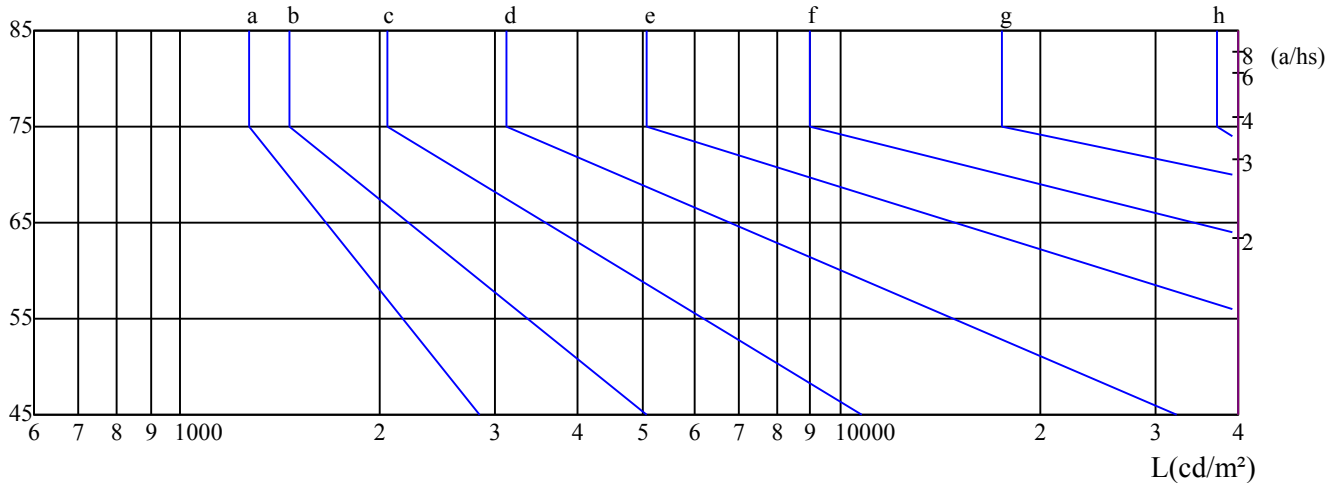
γ	45	50	55	60	65	70	75	80	85
C0	74756	61024	54034	49078	45688	43172	41849	42421	51971
C45	74756	61024	54034	49078	45688	43172	41849	42421	51971
C90	74756	61024	54034	49078	45688	43172	41849	42421	51971

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
45688	45688	45688	41849	41849	41849	51971	51971	51971

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	21.96	22.97	22.36	23.33	23.70	22.23	23.25	22.64	23.61	23.98
	3H	23.00	23.90	23.42	24.29	24.68	23.32	24.22	23.74	24.61	25.00
	4H	23.45	24.29	23.89	24.69	25.11	23.80	24.64	24.24	25.04	25.45
	6H	23.88	24.65	24.33	25.07	25.52	24.26	25.03	24.71	25.45	25.90
	8H	24.05	24.78	24.50	25.21	25.67	24.45	25.19	24.91	25.61	26.07
	12H	24.20	24.90	24.67	25.34	25.81	24.64	25.34	25.10	25.77	26.24
4H	2H	22.35	23.19	22.79	23.59	24.00	22.58	23.42	23.01	23.81	24.23
	3H	23.58	24.29	24.04	24.72	25.19	23.85	24.55	24.31	24.99	25.46
	4H	24.22	24.83	24.69	25.29	25.79	24.51	25.12	24.99	25.59	26.08
	6H	24.74	25.29	25.25	25.78	26.28	25.08	25.62	25.59	26.11	26.61
	8H	25.00	25.51	25.53	26.00	26.52	25.37	25.87	25.89	26.37	26.89
	12H	25.26	25.72	25.78	26.21	26.78	25.66	26.12	26.18	26.61	27.18
8H	4H	24.43	24.93	24.95	25.43	25.95	24.69	25.19	25.21	25.69	26.21
	6H	25.13	25.54	25.67	26.06	26.61	25.43	25.84	25.97	26.36	26.92
	8H	25.55	25.90	26.12	26.46	27.00	25.88	26.23	26.45	26.79	27.33
	12H	25.93	26.20	26.50	26.76	27.32	26.30	26.58	26.88	27.13	27.70
12H	4H	24.45	24.92	24.98	25.41	25.97	24.71	25.17	25.23	25.66	26.22
	6H	25.26	25.61	25.82	26.16	26.71	25.54	25.89	26.11	26.45	26.99
	8H	25.70	25.98	26.28	26.53	27.10	26.02	26.29	26.59	26.84	27.41
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.7					0.4/-0.7				
S = 1.5H		0.9/-1.0					0.9/-1.0				
S = 2.0H		1.8/-1.1					1.8/-1.1				
Standard tables:		BK4					BK4				
Uncorrected UGR		6.9					6.9				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: downled sm r pro s super wide serie 2 e fc

LampCAT: modulo led 12.5W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 124.0000

Test No:

Current(A): 0.1160

Number of Lamps: 1

Power (W): 14.3840

Lamp flux(lm): 1550.0

PF: 0.0000

Length(mm): 30

Width(mm): 30

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 965.45, Efficiency(%): 62.29% , Luminous Efficacy(lm/W): 67.12

Central intensity(cd): 3749.073, Maximum intensity(cd): 3749.073

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

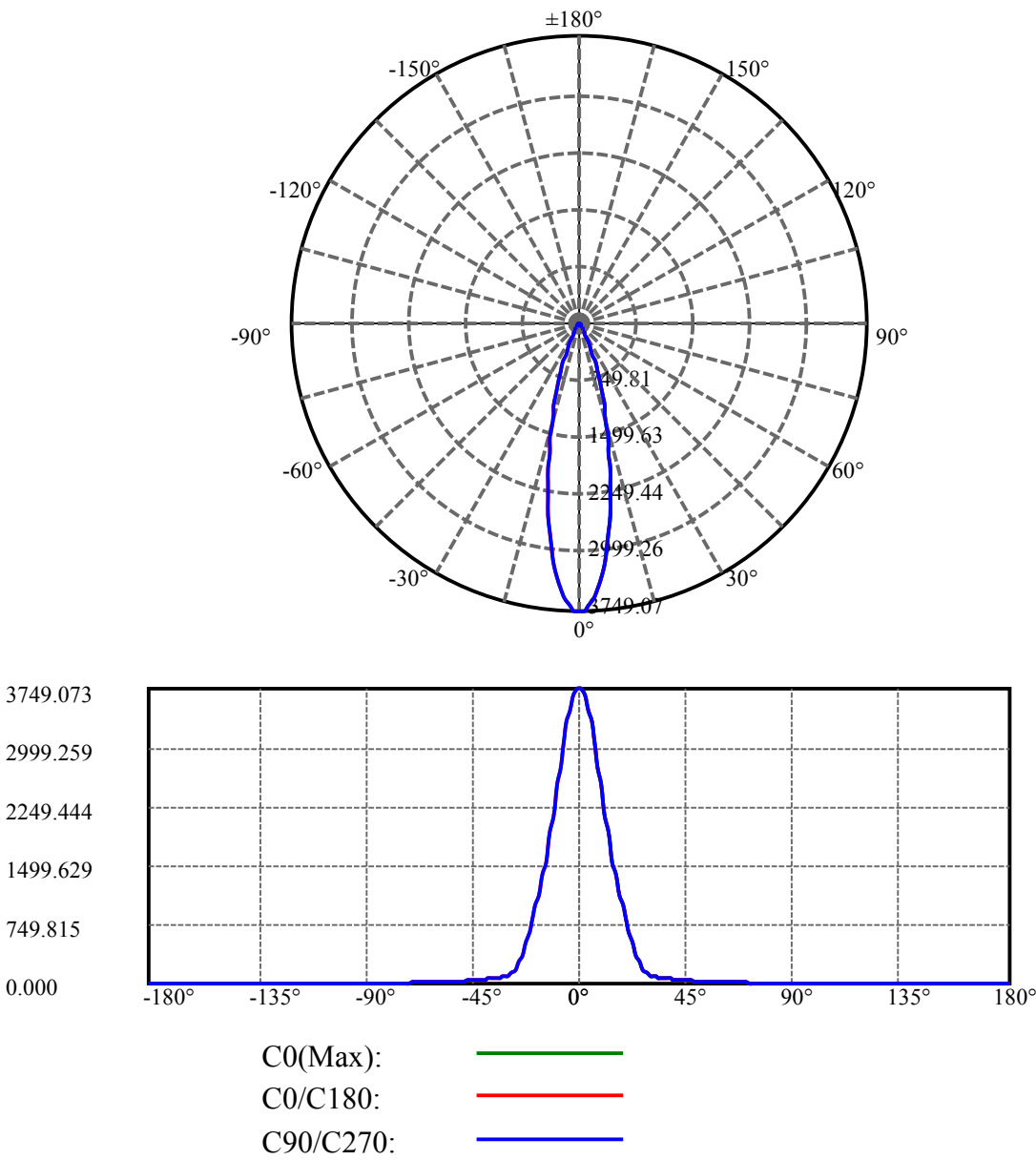
Beam angle of C0 plane : 24.55

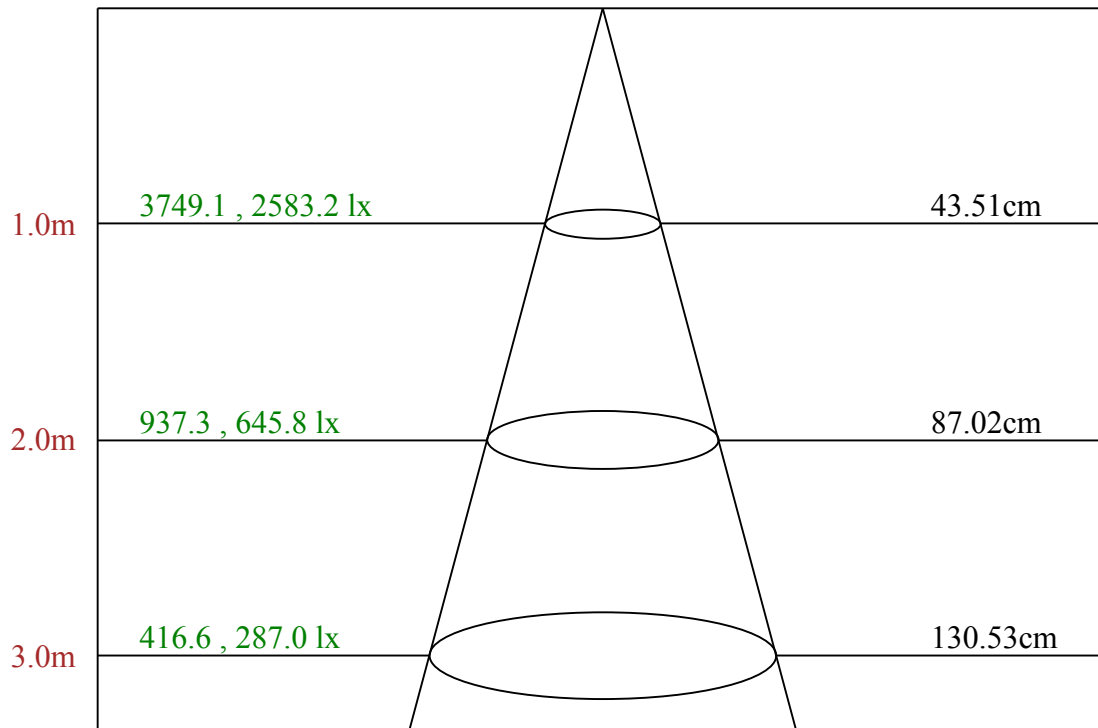
Average BeamAngle(IEC 61341): 24.55

Equipment: equipamento lumini
Temperature(°C): 25.5

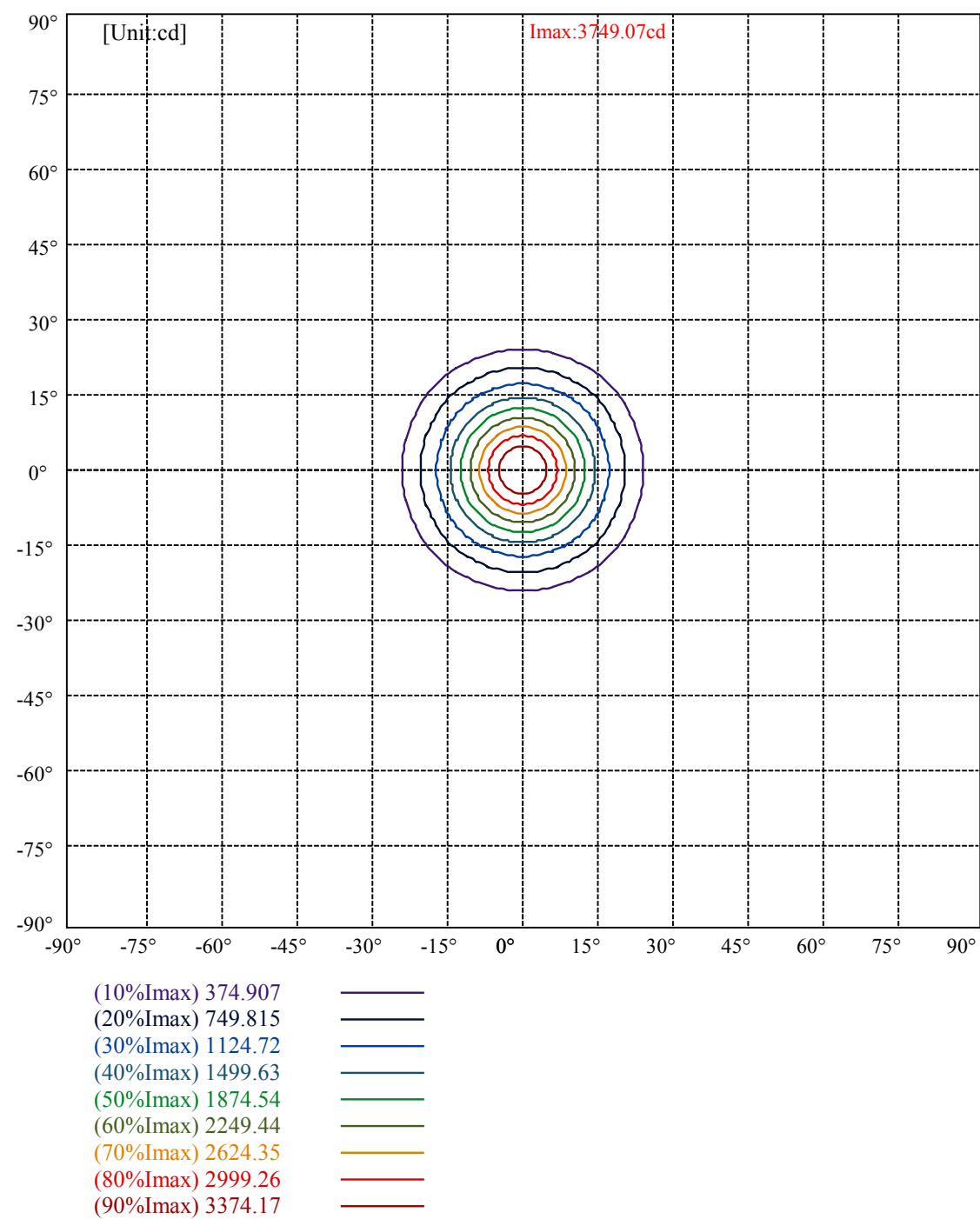
Date: 28/01/2025
Humidity(%): 62.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 24.55



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	66003	52917	47036	43061	39992	38397	38068	40060	52578
C45	66003	52917	47036	43061	39992	38397	38068	40060	52578
C90	66003	52917	47036	43061	39992	38397	38068	40060	52578

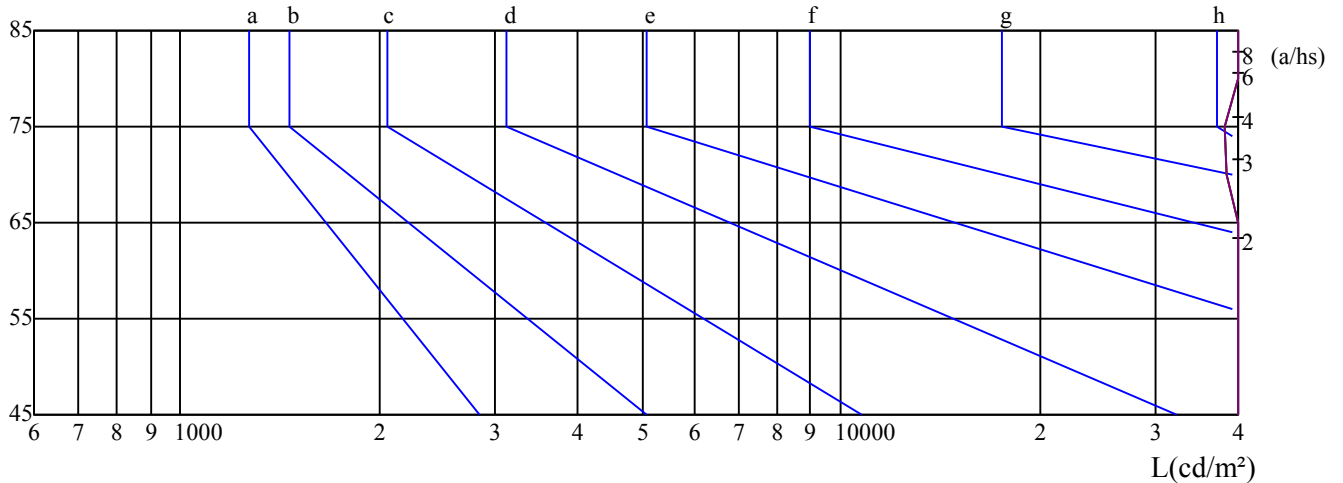
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
39992	39992	39992	38068	38068	38068	52578	52578	52578

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: 28/01/2025
Humidity(%): 62.0%

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	20.73	21.72	21.13	22.08	22.45	20.71	21.70	21.12	22.06	22.43
	3H	21.88	22.76	22.30	23.14	23.54	21.86	22.74	22.28	23.12	23.52
	4H	22.40	23.22	22.84	23.62	24.04	22.37	23.19	22.81	23.59	24.01
	6H	22.92	23.67	23.38	24.09	24.54	22.89	23.63	23.34	24.05	24.51
	8H	23.15	23.86	23.61	24.29	24.75	23.11	23.82	23.57	24.25	24.71
	12H	23.37	24.05	23.83	24.48	24.95	23.32	24.00	23.79	24.44	24.91
4H	2H	21.13	21.94	21.57	22.34	22.76	21.11	21.93	21.55	22.33	22.75
	3H	22.47	23.16	22.93	23.59	24.06	22.45	23.14	22.91	23.57	24.04
	4H	23.19	23.78	23.66	24.25	24.75	23.16	23.75	23.63	24.22	24.71
	6H	23.82	24.35	24.33	24.84	25.34	23.79	24.32	24.30	24.81	25.31
	8H	24.15	24.64	24.67	25.13	25.66	24.11	24.60	24.63	25.10	25.62
	12H	24.47	24.92	25.00	25.42	25.98	24.43	24.88	24.96	25.37	25.94
8H	4H	23.42	23.90	23.94	24.40	24.92	23.39	23.88	23.91	24.37	24.90
	6H	24.24	24.64	24.78	25.15	25.71	24.21	24.61	24.75	25.12	25.68
	8H	24.74	25.07	25.30	25.63	26.18	24.70	25.04	25.27	25.60	26.14
	12H	25.20	25.47	25.78	26.02	26.59	25.17	25.43	25.74	25.98	26.55
12H	4H	23.44	23.89	23.97	24.38	24.95	23.42	23.87	23.94	24.36	24.93
	6H	24.37	24.71	24.94	25.27	25.81	24.34	24.68	24.91	25.24	25.78
	8H	24.90	25.16	25.47	25.71	26.28	24.87	25.13	25.44	25.68	26.25
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.7					0.4/-0.7				
S = 1.5H		0.8/-0.9					0.8/-0.9				
S = 2.0H		1.4/-1.0					1.4/-1.0				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		8.6					8.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: downled sm r pro s super wide serie 2 e fm

LampCAT: modulo led 12.5W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 124.0000

Test No:

Current(A): 0.1160

Number of Lamps: 1

Power (W): 14.3840

Lamp flux(lm): 1550.0

PF: 0.0000

Length(mm): 30

Width(mm): 30

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 925.32, Efficiency(%): 59.70% , Luminous Efficacy(lm/W): 64.33

Central intensity(cd): 3056.562, Maximum intensity(cd): 3056.562

Angle of maximum intensity: C=0.0 γ =0.0

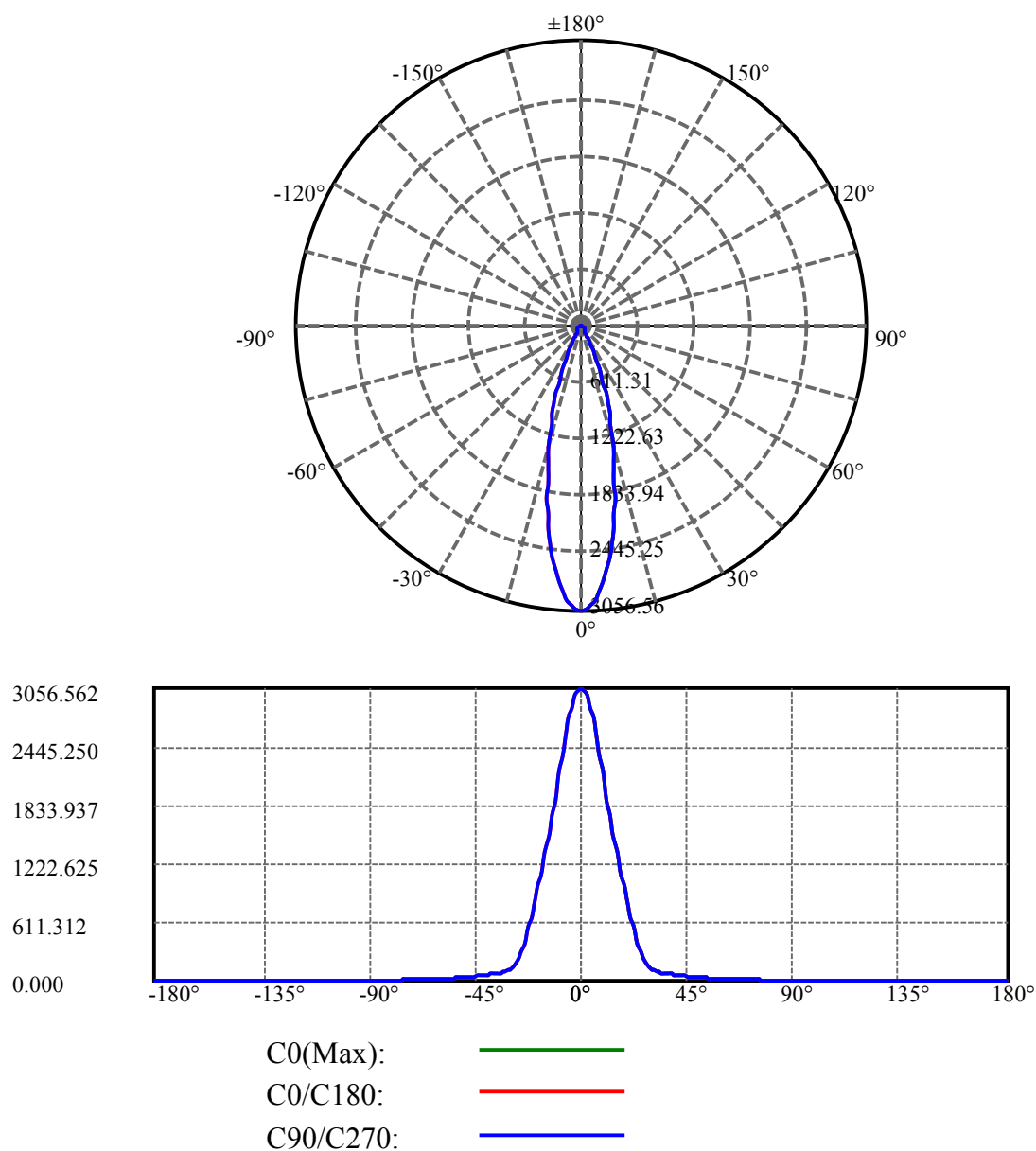
Beam angle of C0 plane : 26.93

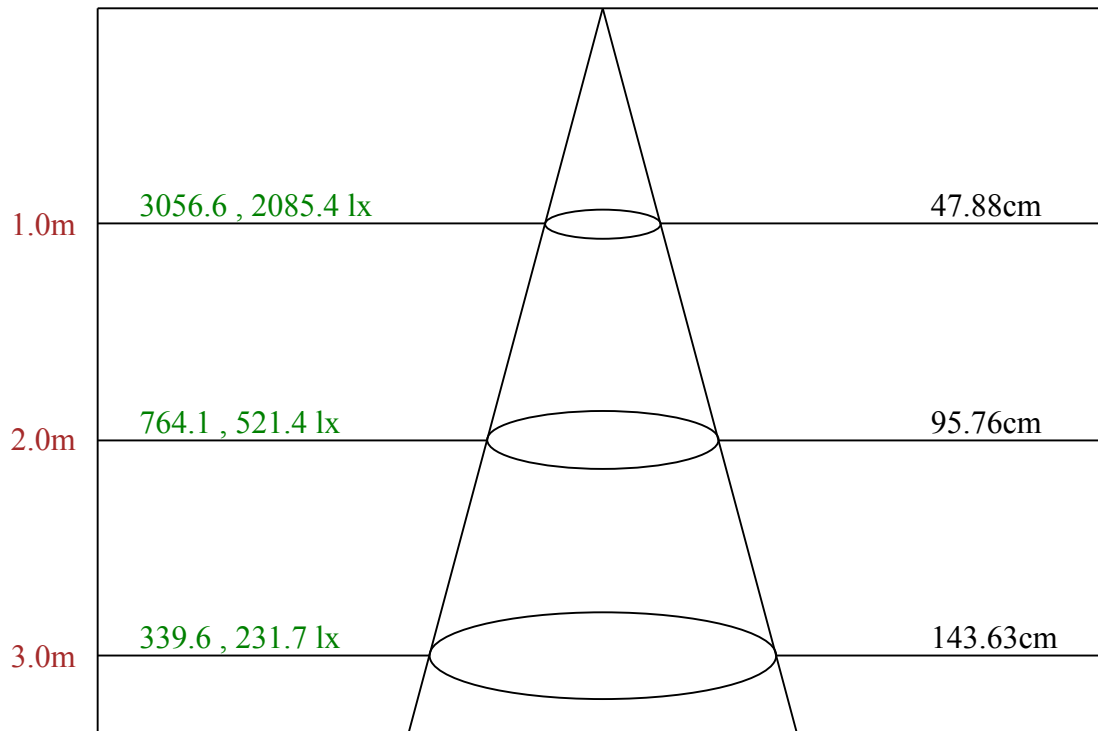
Aveage BeamAngle(IEC 61341):26.93

Equipment: equipamento lumini
Temperature(°C): 25.5

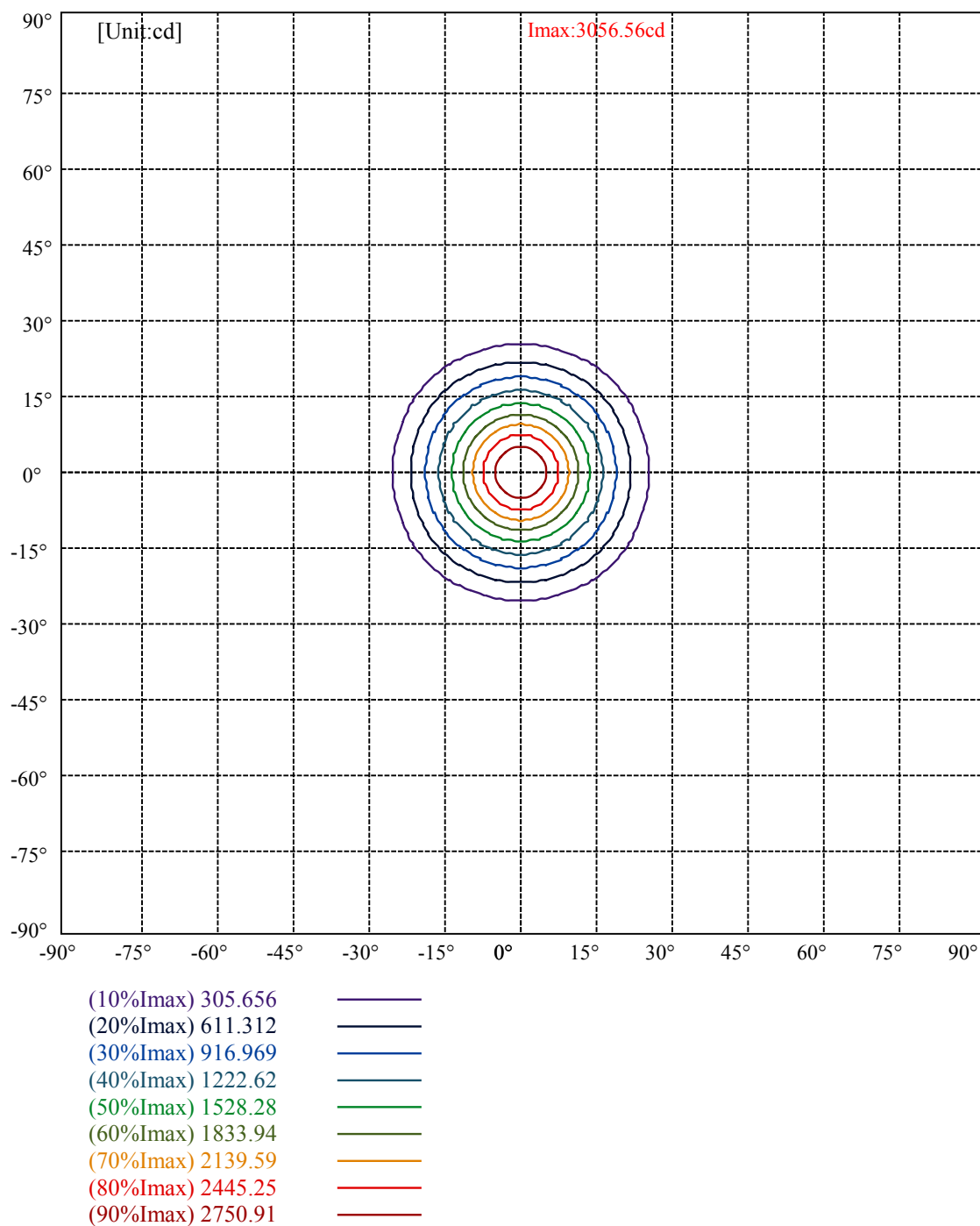
Date: 28/01/2025
Humidity(%): 62.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 26.93



Luminance Table

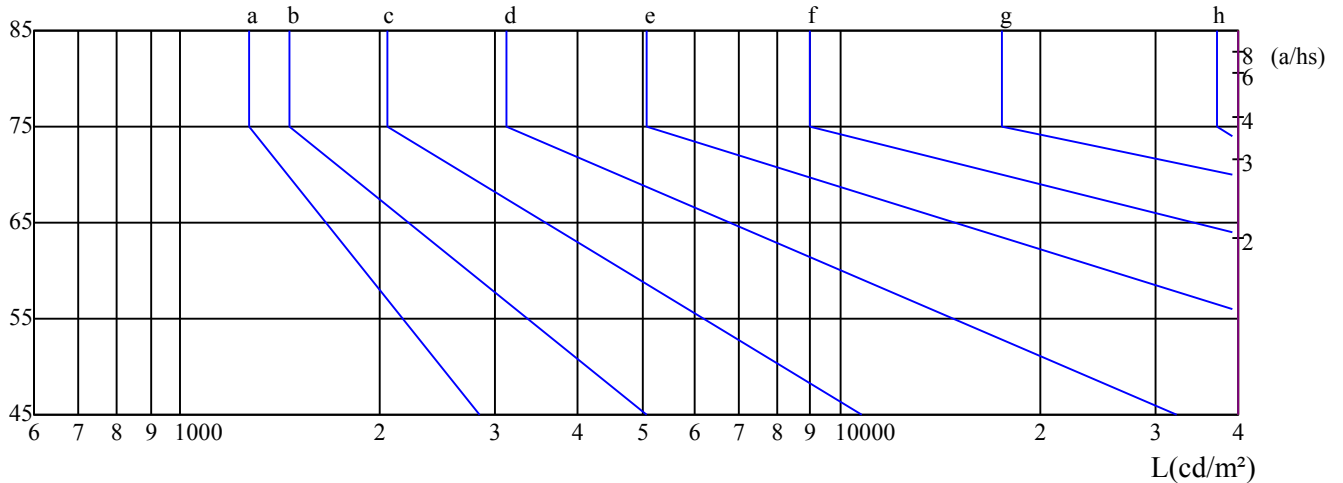
γ	45	50	55	60	65	70	75	80	85
C0	73783	58750	52178	47782	44295	41973	40776	42192	53412
C45	73783	58750	52178	47782	44295	41973	40776	42192	53412
C90	73783	58750	52178	47782	44295	41973	40776	42192	53412

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
44295	44295	44295	40776	40776	40776	53412	53412	53412

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 ———

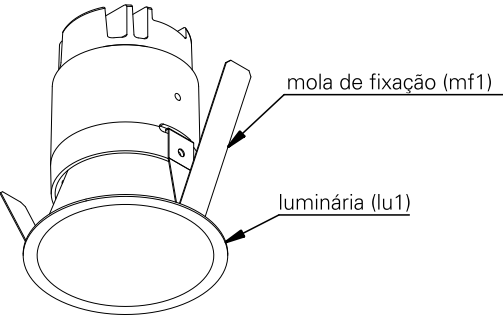
C90 ———

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	21.56	22.56	21.96	22.92	23.29	21.89	22.90	22.29	23.26	23.63
	3H	22.63	23.53	23.05	23.91	24.31	22.99	23.89	23.42	24.27	24.67
	4H	23.09	23.93	23.53	24.32	24.74	23.48	24.31	23.92	24.71	25.13
	6H	23.53	24.29	23.98	24.71	25.16	23.95	24.72	24.41	25.14	25.59
	8H	23.70	24.43	24.16	24.86	25.32	24.16	24.89	24.62	25.32	25.77
	12H	23.87	24.57	24.34	25.00	25.47	24.36	25.05	24.83	25.49	25.96
4H	2H	21.97	22.81	22.41	23.21	23.63	22.25	23.08	22.69	23.48	23.90
	3H	23.24	23.94	23.70	24.37	24.84	23.54	24.24	24.00	24.67	25.14
	4H	23.88	24.49	24.35	24.95	25.45	24.20	24.81	24.68	25.28	25.77
	6H	24.41	24.95	24.92	25.44	25.94	24.79	25.33	25.30	25.82	26.32
	8H	24.68	25.18	25.20	25.68	26.20	25.09	25.59	25.61	26.09	26.61
	12H	24.95	25.41	25.48	25.90	26.47	25.40	25.86	25.93	26.35	26.92
8H	4H	24.09	24.59	24.62	25.09	25.61	24.39	24.88	24.91	25.38	25.90
	6H	24.80	25.21	25.34	25.73	26.29	25.14	25.55	25.68	26.07	26.62
	8H	25.23	25.58	25.80	26.13	26.68	25.61	25.95	26.17	26.51	27.05
	12H	25.64	25.91	26.21	26.46	27.03	26.06	26.33	26.63	26.88	27.45
12H	4H	24.12	24.58	24.64	25.07	25.64	24.40	24.86	24.93	25.35	25.92
	6H	24.93	25.28	25.50	25.84	26.38	25.26	25.60	25.82	26.16	26.70
	8H	25.39	25.66	25.96	26.21	26.78	25.74	26.01	26.32	26.57	27.14
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.7					0.4/-0.7				
S = 1.5H		0.8/-1.0					0.8/-1.0				
S = 2.0H		1.5/-1.0					1.5/-1.0				
Standard tables:		BK4					BK4				
Uncorrected UGR		6.6					6.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25

downloaded

downloaded sm r pro super wide série 2 e



especificações técnicas

fonte de luz
módulo led integrado (incluso)

índice de proteção
IP54 - luminária para uso interno

peso
downloaded sm r pro super wide série 2 e - 0,36 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

ferramentas necessárias
serra
chave philips

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.

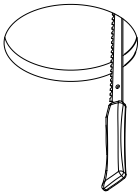
antes de iniciar a instalação, certifique-se que a energia elétrica esteja desligada.

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.

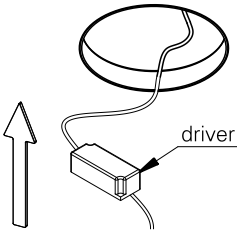
em caso de dúvidas, entre em contato com o fabricante.

instalação passo a passo

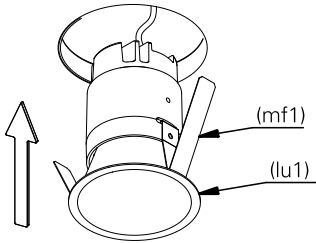
1. faça um nicho no forro conforme o modelo do produto. downloaded sm r pro super wide série 2 e - nicho = Ø 82mm



2. aloje o driver sobre o forro. faça a ligação elétrica. isole os fios separadamente com fita isolante. repita a operação envolvendo o conjunto dos fios, vedando completamente a emenda.



3. encaixe a luminária (lu1) no nicho utilizando a mola de fixação (mf1).



4. a luminária após instalada deverá ficar como ilustrado na imagem. ligue a rede elétrica e teste o seu funcionamento.

