



no frame darklight 8 e

linha de luminárias embutidas ou aplicadas, em perfil de alumínio extrudado, para tecnologia led. permite instalação em forro de gesso, alvenaria, laje, marcenaria ou trilho, com opções de fechos fixos e orientáveis. sua principal característica é o excelente controle antiofuscamento, eficiência luminosa e tamanhos reduzidos.

informações técnicas

fonte de luz
LED integrado

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

vida útil
50.000h

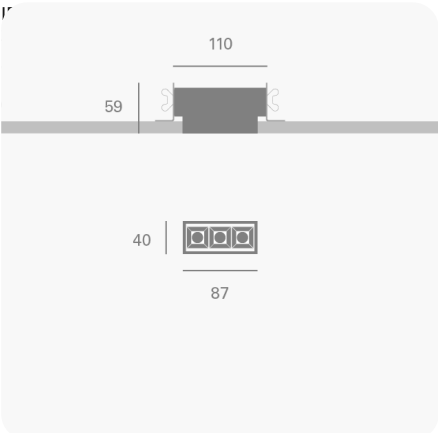
potência (W), fecho, temperatura de cor (K),
fluxo nominal (lm nominal), fluxo útil (lm útil)

W		K	lm nominal	lm útil
3	concentrado	2700		
3	médio	2700		
3	aberto	2700		
3	concentrado	3000	395	312
3	médio	3000	395	333
3	aberto	3000	395	281
3	concentrado	4000		
3	médio	4000		
3	aberto	4000		
6	concentrado	2700		
6	médio	2700		
6	aberto	2700		
6	concentrado	3000	700	547
6	médio	3000	700	583
6	aberto	3000	700	492
6	concentrado	4000		
6	médio	4000		
6	aberto	4000		

equipamentos
LED driver 700mA (incluso, ponto remoto)

controle
on/off
dim fphase

instalação
forro de gesso



acabamentos e cores

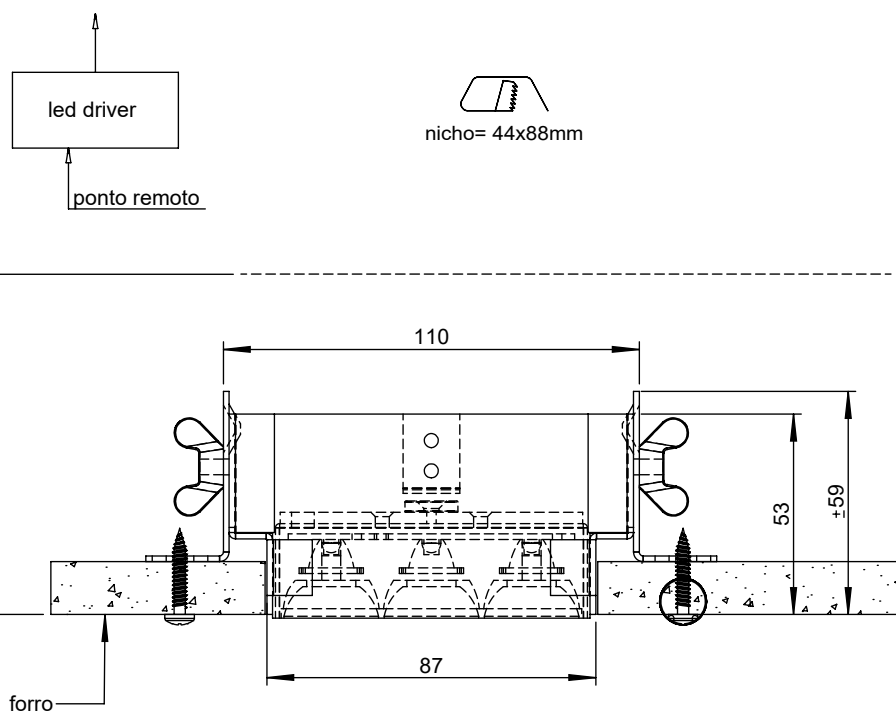
cores



preto txt

vista lateral

dimensões em milímetros



no frame darklight 8 serie 2

folha
1/1

escala
1:2

data
10/04/2025

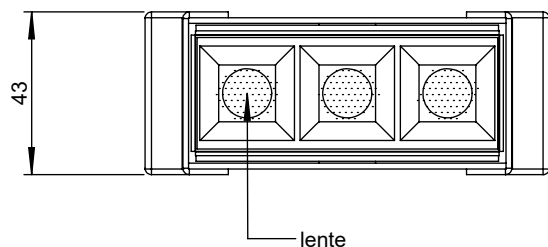
desenhista
emilson

aprovação
edmilson

revisões
10/04/2025

vista inferior

dimensões em milímetros



para maiores informações,
consulte a área técnica
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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fc

LampCAT: modulo led 3W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0330

Number of Lamps: 1

Power (W): 4.0500

Lamp flux(lm): 395.0

PF: 0.9900

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 312.44, Efficiency(%): 79.10% , Luminous Efficacy(lm/W): 77.15

Central intensity(cd): 1663.398, Maximum intensity(cd): 1663.398

Angle of maximum intensity: C=0.0 γ =0.0

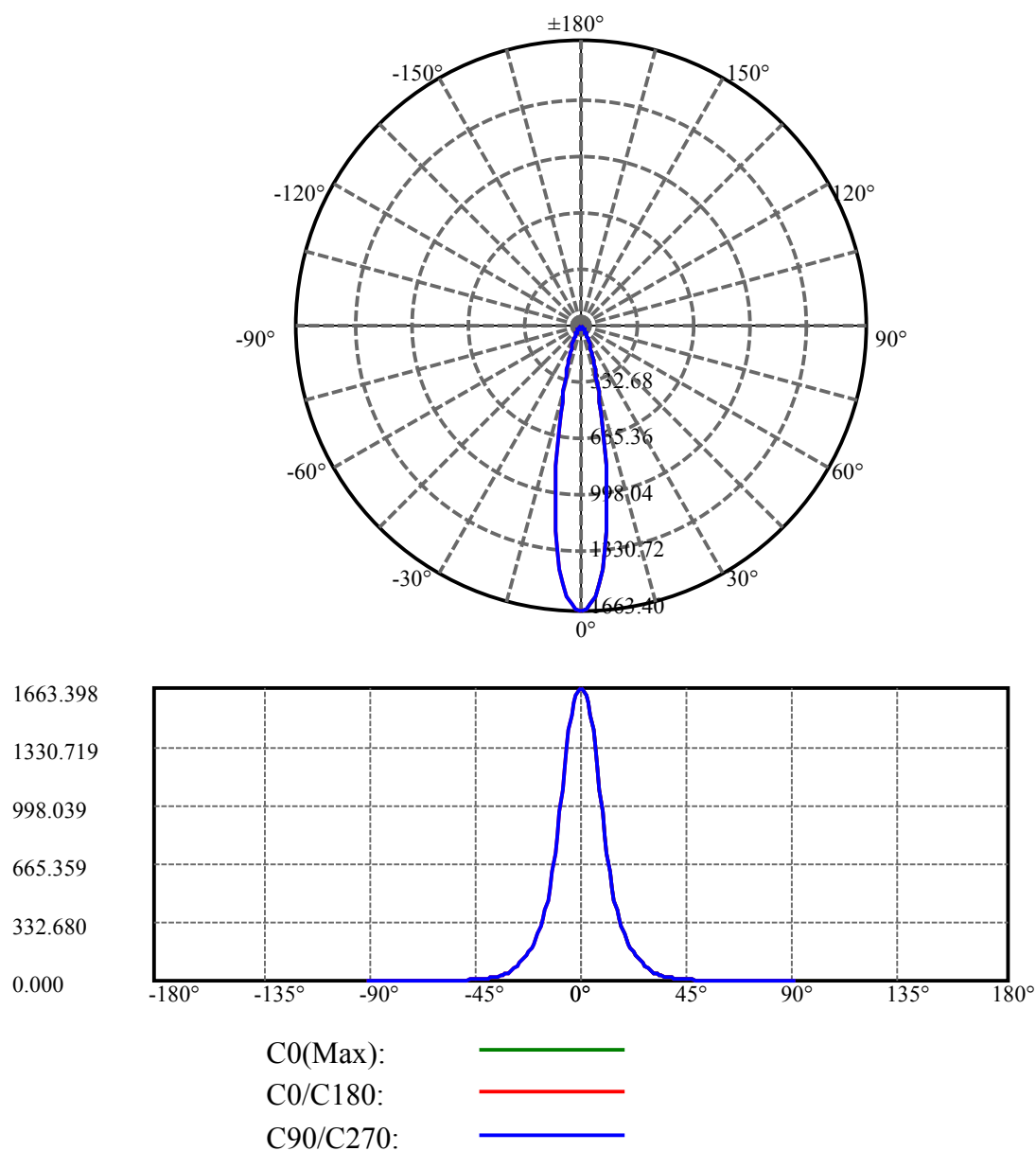
Beam angle of C0 plane : 19.92

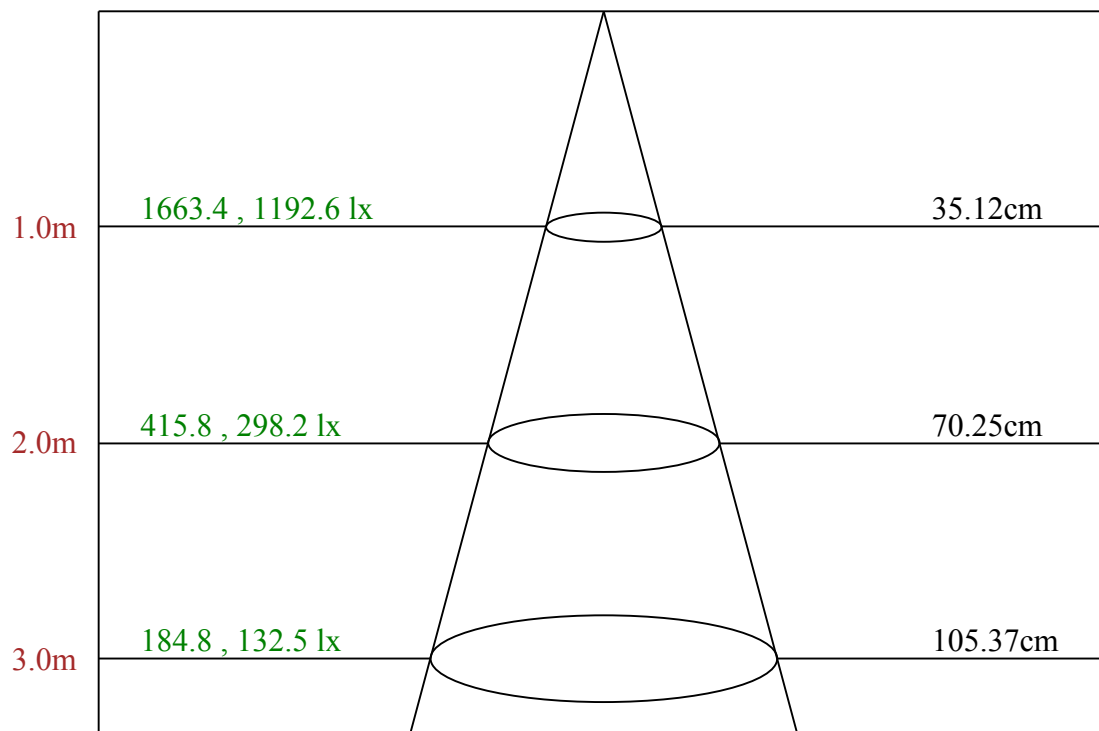
Aveage BeamAngle(IEC 61341):19.92

Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 7/24/2024
Humidity(%): 55.0%

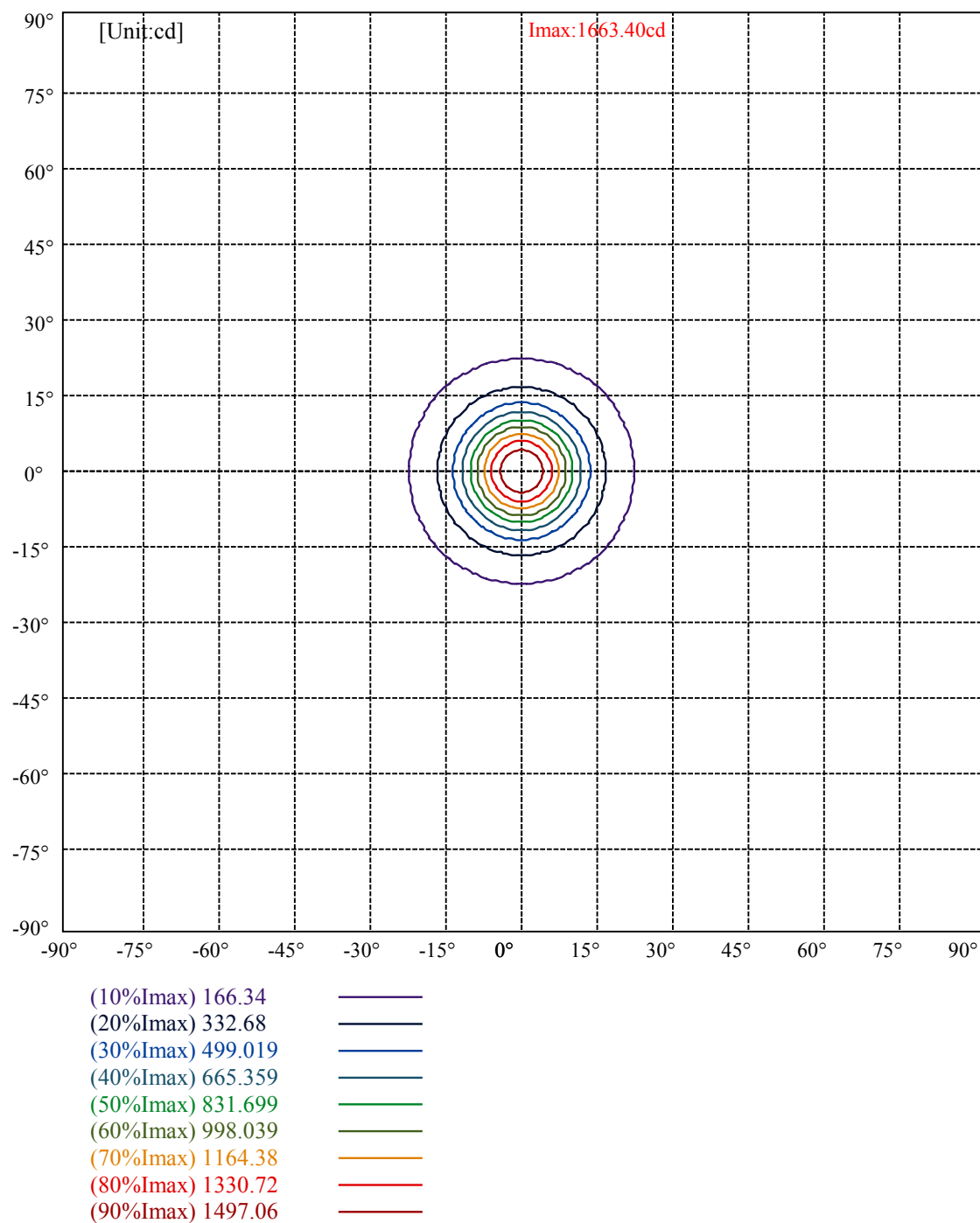
Operator: 01
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 19.92



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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	4873	3157	1982	1476	1394	1479	1748	2570	4916
C45	4873	3157	1982	1476	1394	1479	1748	2570	4916
C90	4873	3157	1982	1476	1394	1479	1748	2570	4916

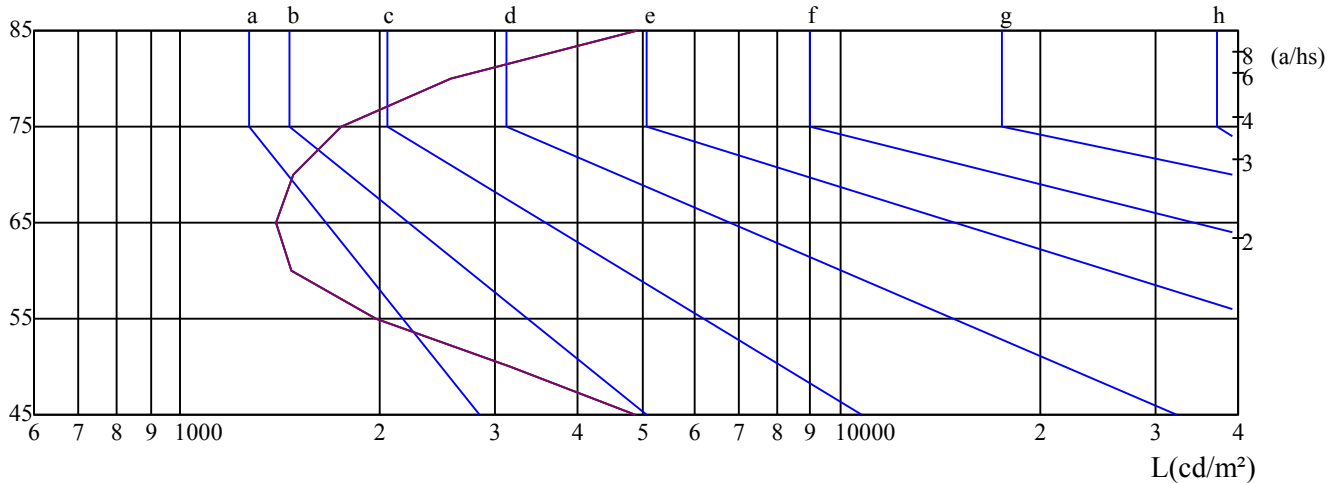
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1394	1394	1394	1748	1748	1748	4916	4916	4916

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($^{\circ}$ C): 25.5

Date: 7/24/2024
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	9.82	10.75	10.19	11.06	11.38	9.27	10.20	9.64	10.51	10.83
	3H	10.14	10.96	10.53	11.30	11.65	9.34	10.17	9.73	10.50	10.85
	4H	10.33	11.09	10.73	11.45	11.82	9.53	10.29	9.93	10.65	11.01
	6H	10.66	11.36	11.08	11.74	12.14	9.98	10.68	10.40	11.05	11.45
	8H	10.90	11.56	11.32	11.95	12.36	10.34	11.00	10.76	11.39	11.80
	12H	11.31	11.94	11.74	12.34	12.76	10.85	11.48	11.28	11.88	12.30
4H	2H	9.63	10.39	10.03	10.74	11.11	9.10	9.86	9.50	10.22	10.58
	3H	10.05	10.69	10.48	11.09	11.51	9.28	9.92	9.70	10.31	10.73
	4H	10.42	10.97	10.86	11.40	11.85	9.66	10.21	10.10	10.64	11.09
	6H	10.93	11.42	11.41	11.87	12.33	10.35	10.83	10.82	11.29	11.74
	8H	11.35	11.80	11.84	12.26	12.74	10.92	11.37	11.41	11.83	12.31
	12H	12.02	12.43	12.51	12.89	13.41	11.70	12.11	12.19	12.57	13.09
8H	4H	10.45	10.90	10.94	11.36	11.84	9.76	10.21	10.25	10.67	11.15
	6H	11.21	11.57	11.71	12.05	12.57	10.72	11.09	11.23	11.57	12.08
	8H	11.87	12.18	12.41	12.70	13.20	11.57	11.87	12.10	12.40	12.89
	12H	12.82	13.06	13.37	13.58	14.10	12.62	12.85	13.17	13.37	13.90
12H	4H	10.48	10.90	10.97	11.35	11.87	9.80	10.22	10.30	10.67	11.19
	6H	11.37	11.68	11.91	12.20	12.70	10.91	11.22	11.45	11.74	12.24
	8H	12.12	12.35	12.66	12.87	13.39	11.84	12.07	12.38	12.59	13.11
Variation with the observer position at spacings:											
S = 1.0H		3.7/-3.4					3.7/-3.4				
S = 1.5H		5.2/-2.9					5.2/-2.9				
S = 2.0H		6.3/-2.4					6.3/-2.4				
Standard tables:		BK4					BK4				
Uncorrected UGR		-6.1					-6.1				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fm

LampCAT: modulo led 3W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0330

Number of Lamps: 1

Power (W): 4.1000

Lamp flux(lm): 395.0

PF: 0.9600

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 333.03, Efficiency(%): 84.31% , Luminous Efficacy(lm/W): 81.23

Central intensity(cd): 1089.983, Maximum intensity(cd): 1089.983

Angle of maximum intensity: C=0.0 γ =0.0

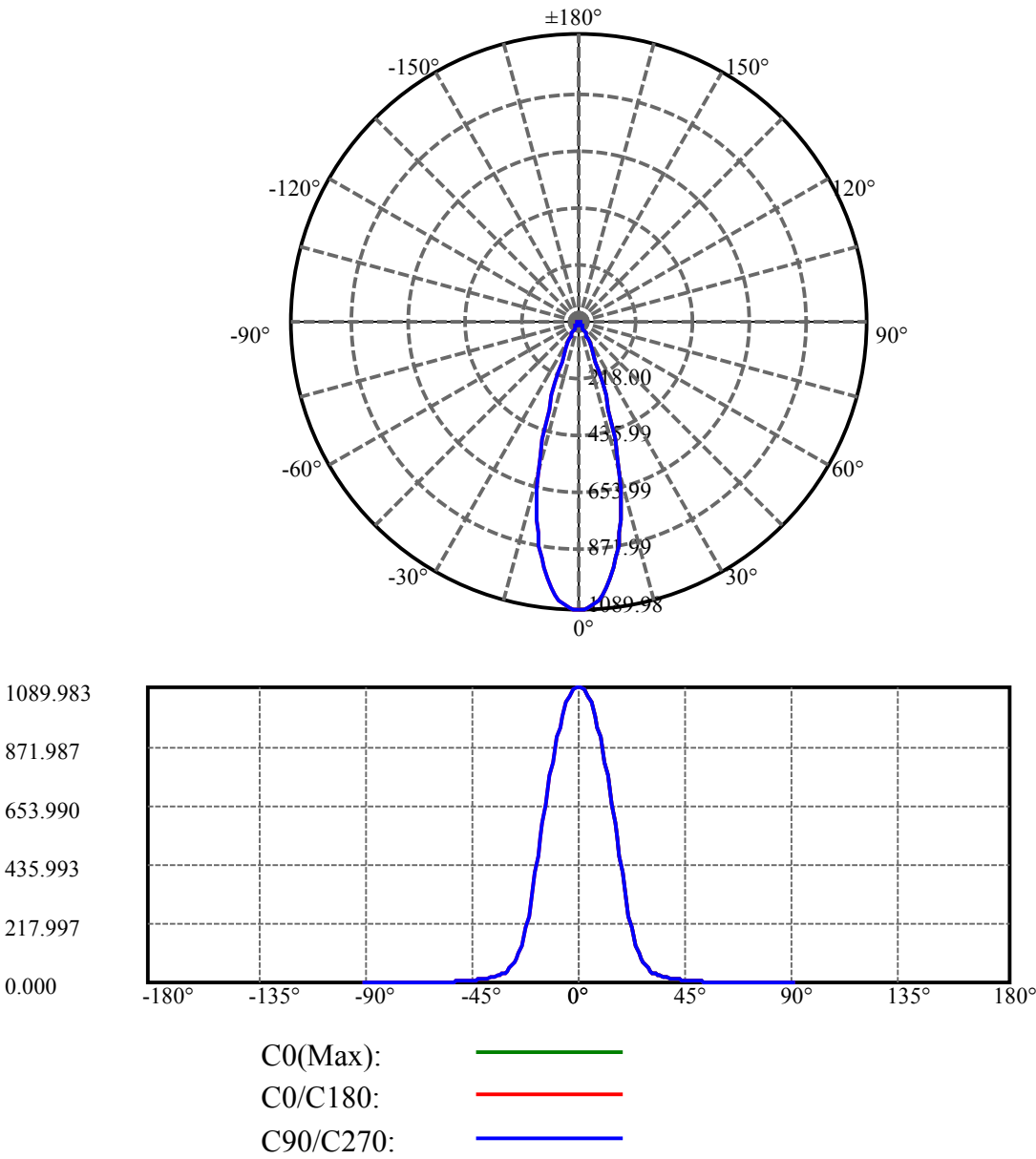
Beam angle of C0 plane : 31.56

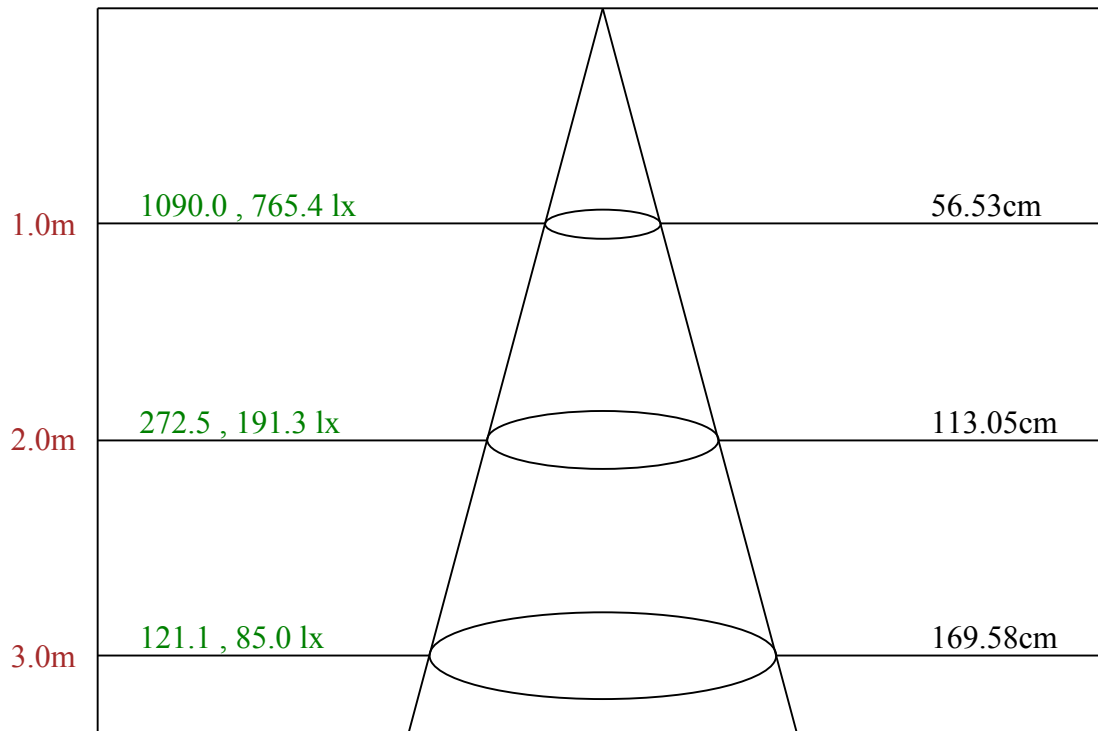
Aveage BeamAngle(IEC 61341):31.56

Equipment: equipamento lumini
Temperature(°C): 25.5

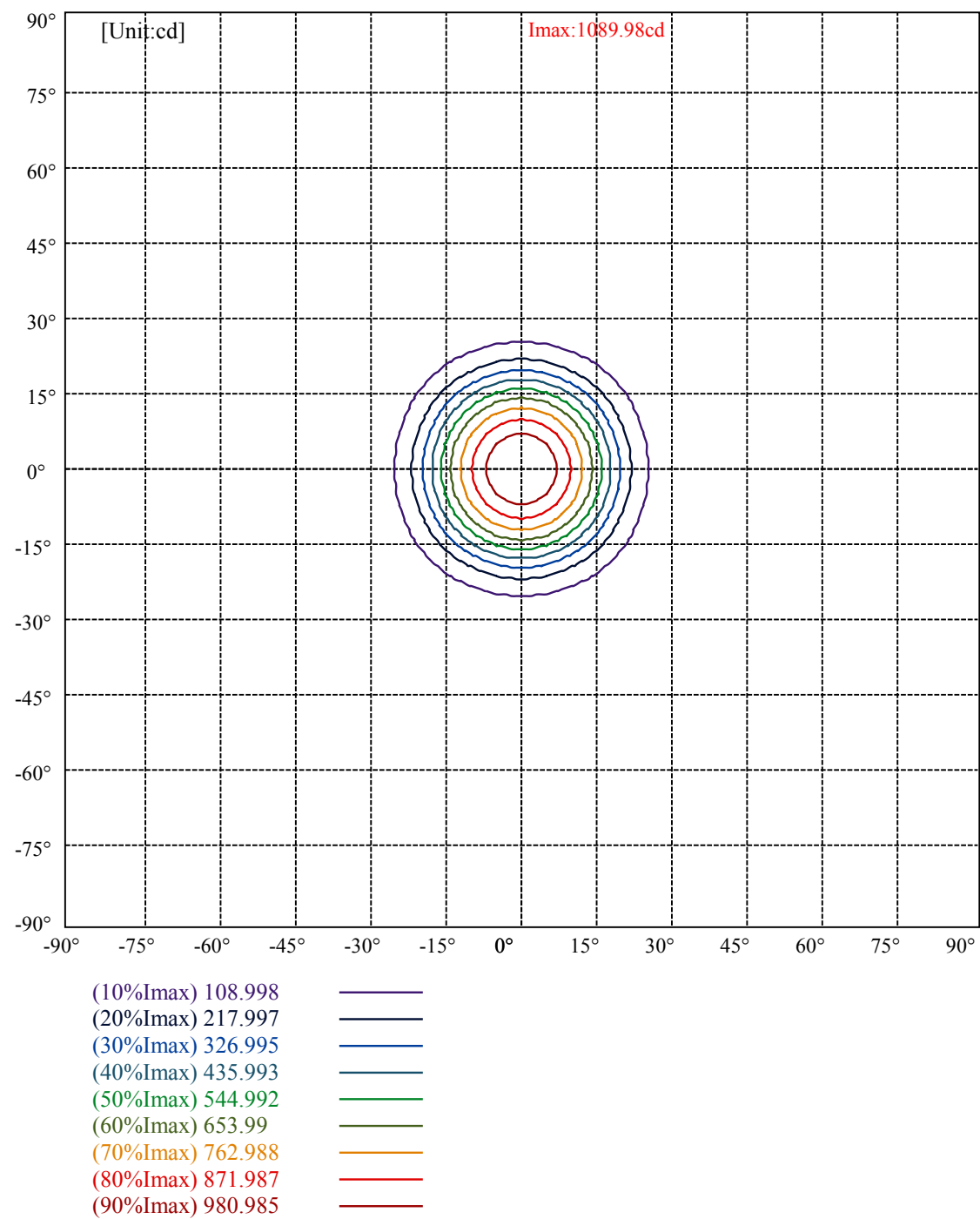
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 31.56



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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	5252	3296	1992	1476	1465	1601	1931	2879	5736
C45	5252	3296	1992	1476	1465	1601	1931	2879	5736
C90	5252	3296	1992	1476	1465	1601	1931	2879	5736

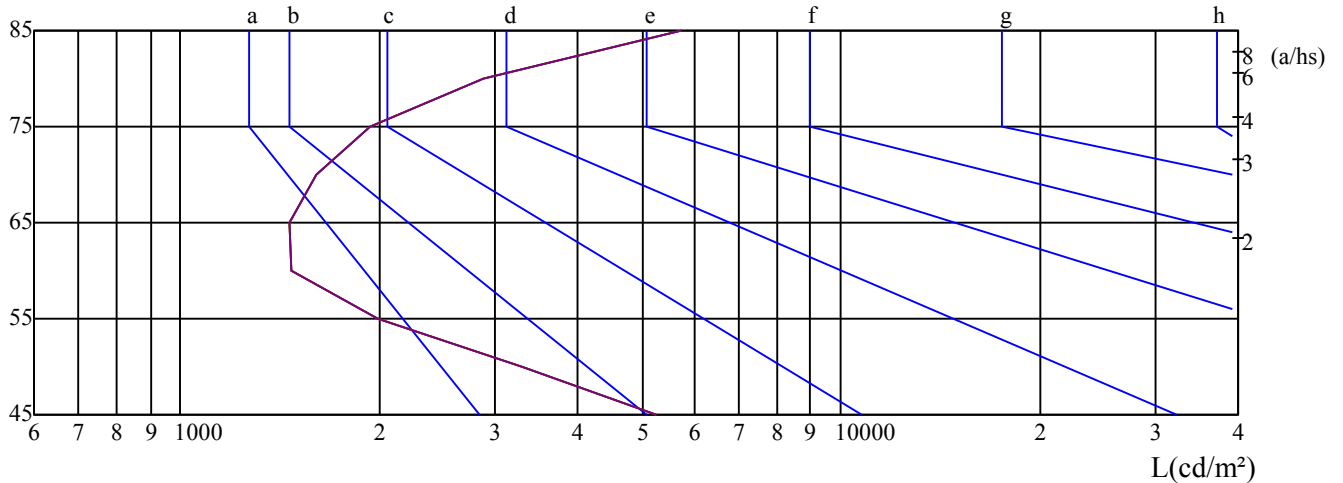
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1465	1465	1465	1931	1931	1931	5736	5736	5736

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($^{\circ}$ C): 25.5

Date: 7/24/2024
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	9.04	9.97	9.40	10.28	10.59	9.04	9.97	9.40	10.28	10.59
	3H	9.25	10.08	9.64	10.41	10.76	9.25	10.08	9.64	10.41	10.76
	4H	9.51	10.28	9.92	10.63	11.00	9.51	10.28	9.92	10.63	11.00
	6H	10.04	10.74	10.46	11.12	11.52	10.04	10.74	10.46	11.12	11.52
	8H	10.45	11.11	10.87	11.50	11.91	10.45	11.11	10.87	11.50	11.91
	12H	11.05	11.68	11.48	12.07	12.49	11.05	11.68	11.48	12.07	12.49
4H	2H	8.89	9.66	9.30	10.01	10.38	8.89	9.66	9.30	10.01	10.38
	3H	9.25	9.89	9.68	10.29	10.71	9.25	9.89	9.68	10.29	10.71
	4H	9.73	10.29	10.17	10.71	11.16	9.73	10.29	10.17	10.71	11.16
	6H	10.51	11.00	10.98	11.45	11.90	10.51	11.00	10.98	11.45	11.90
	8H	11.14	11.59	11.63	12.05	12.52	11.14	11.59	11.63	12.05	12.52
	12H	12.00	12.42	12.49	12.87	13.39	12.00	12.42	12.49	12.87	13.39
8H	4H	9.87	10.32	10.35	10.78	11.25	9.87	10.32	10.35	10.78	11.25
	6H	10.93	11.30	11.44	11.78	12.29	10.93	11.30	11.44	11.78	12.29
	8H	11.84	12.14	12.37	12.67	13.17	11.84	12.14	12.37	12.67	13.17
	12H	12.99	13.22	13.54	13.74	14.27	12.99	13.22	13.54	13.74	14.27
12H	4H	9.92	10.34	10.41	10.79	11.31	9.92	10.34	10.41	10.79	11.31
	6H	11.15	11.45	11.68	11.98	12.47	11.15	11.45	11.68	11.98	12.47
	8H	12.13	12.36	12.67	12.88	13.41	12.13	12.36	12.67	12.88	13.41
Variation with the observer position at spacings:											
S = 1.0H		2.9/-2.9					2.9/-2.9				
S = 1.5H		4.1/-2.4					4.1/-2.4				
S = 2.0H		4.9/-2.0					4.9/-2.0				
Standard tables:		BK4					BK4				
Uncorrected UGR		-6.3					-6.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fa

LampCAT: modulo led 3W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0330

Number of Lamps: 1

Power (W): 4.1000

Lamp flux(lm): 395.0

PF: 0.9700

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 281.82, Efficiency(%): 71.35% , Luminous Efficacy(lm/W): 68.74

Central intensity(cd): 484.575, Maximum intensity(cd): 484.575

Angle of maximum intensity: C=0.0 γ =0.0

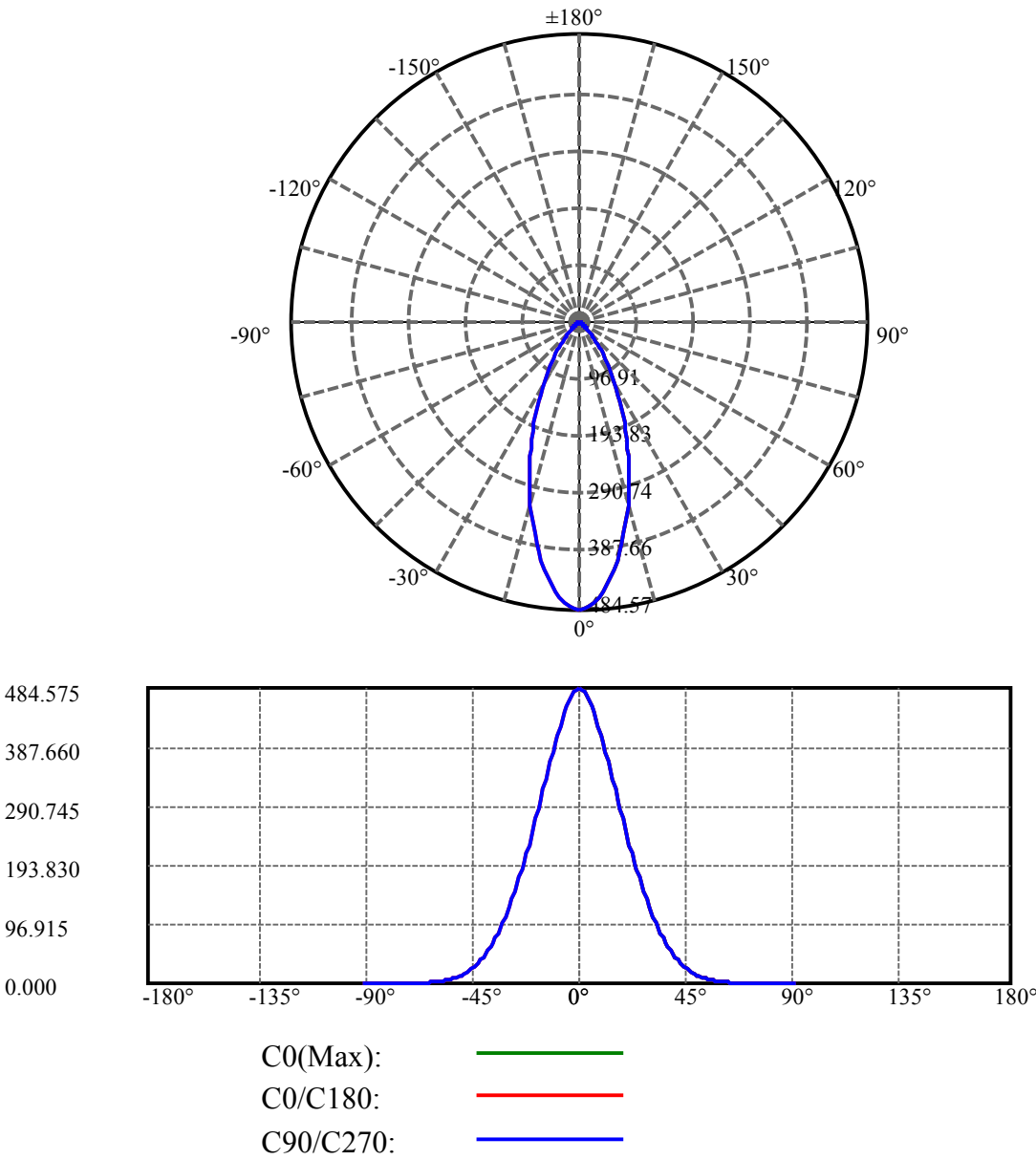
Beam angle of C0 plane : 39.79

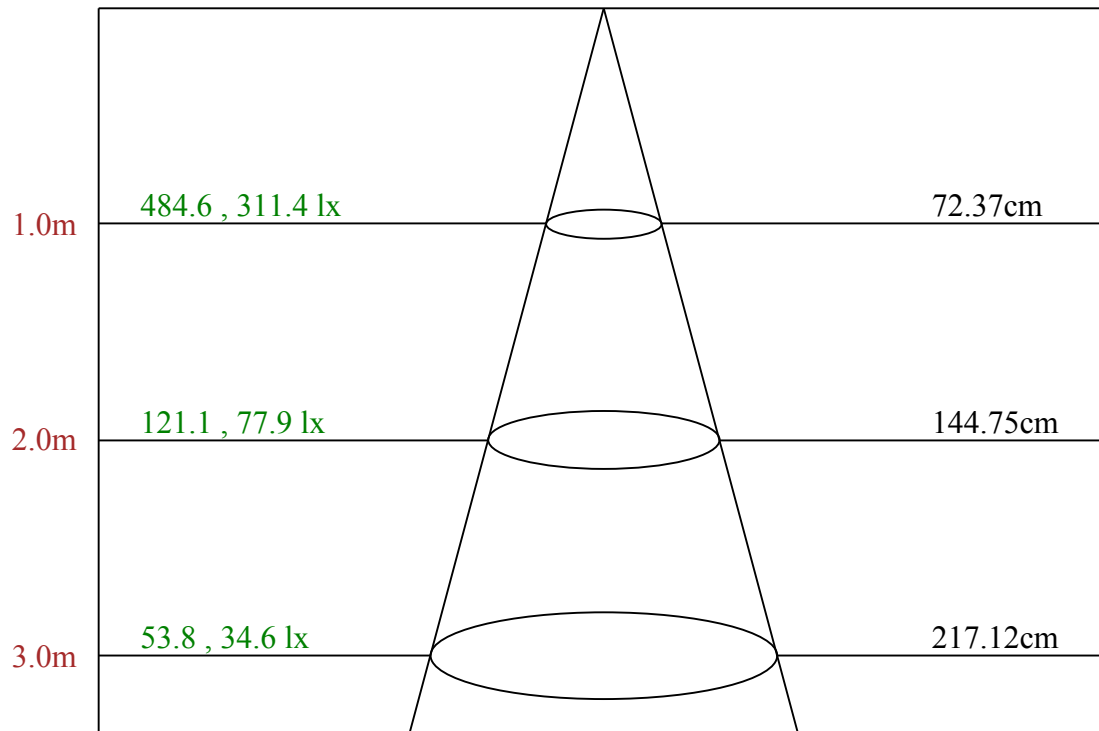
Aveage BeamAngle(IEC 61341):39.79

Equipment: equipamento lumini
Temperature(°C): 25.5

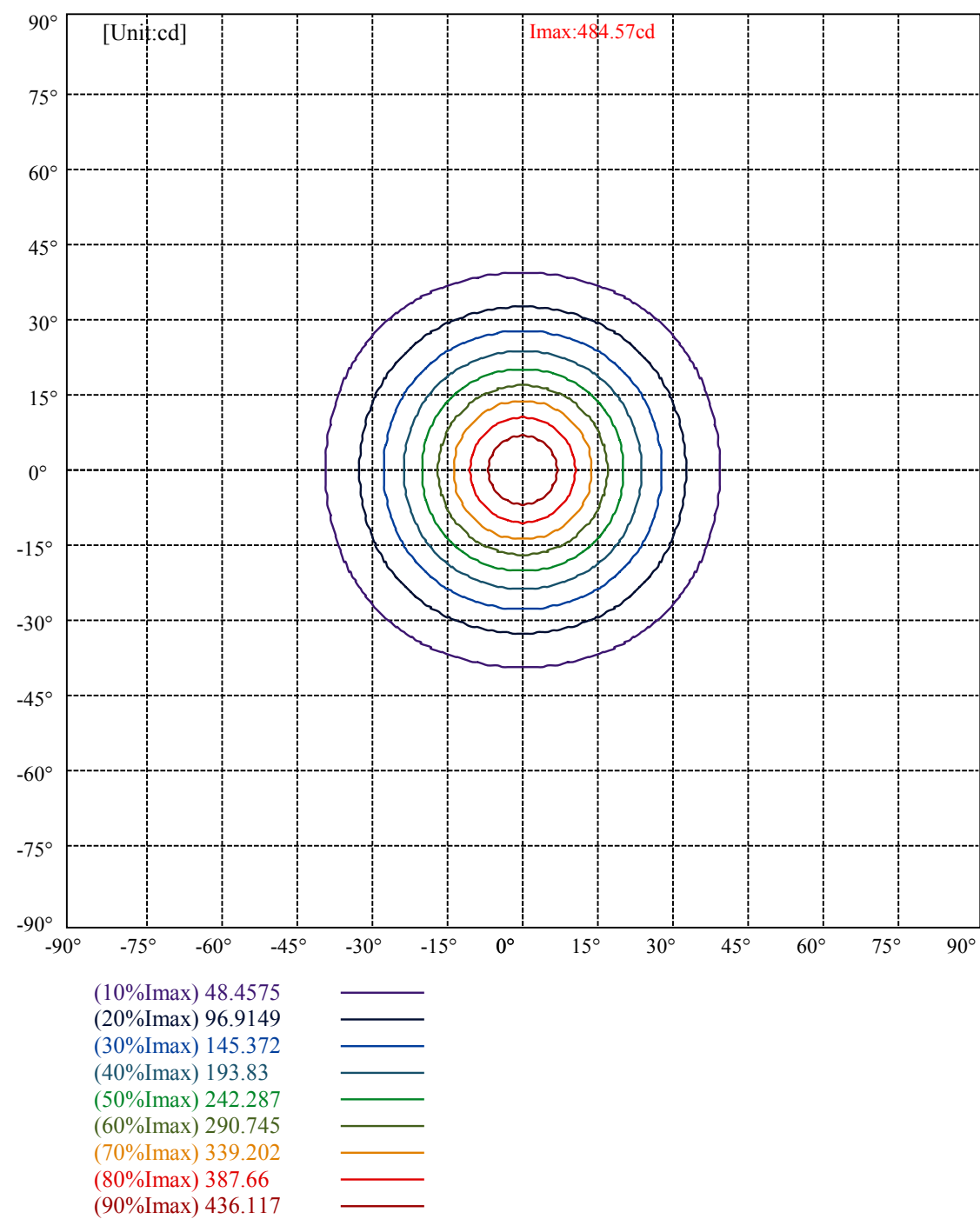
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 39.79



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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	16193	8962	4980	2523	1296	1044	1288	1919	3824
C45	16193	8962	4980	2523	1296	1044	1288	1919	3824
C90	16193	8962	4980	2523	1296	1044	1288	1919	3824

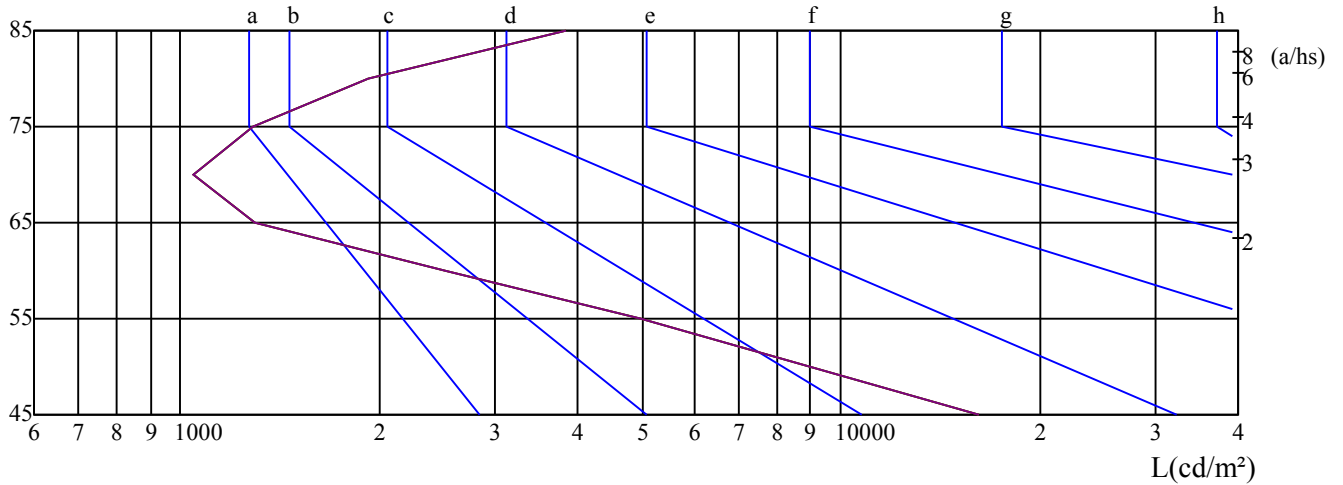
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1296	1296	1296	1288	1288	1288	3824	3824	3824

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: 7/24/2024
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	17.29	18.30	17.65	18.61	18.92	17.29	18.30	17.65	18.61	18.92
	3H	17.11	18.00	17.50	18.34	18.69	17.11	18.00	17.50	18.34	18.69
	4H	17.03	17.85	17.43	18.21	18.57	17.03	17.85	17.43	18.21	18.57
	6H	16.98	17.73	17.40	18.11	18.51	16.98	17.73	17.40	18.11	18.51
	8H	16.94	17.66	17.36	18.04	18.45	16.94	17.66	17.36	18.04	18.45
	12H	16.93	17.61	17.35	18.00	18.42	16.93	17.61	17.35	18.00	18.42
4H	2H	17.02	17.85	17.42	18.20	18.57	17.02	17.85	17.42	18.20	18.57
	3H	16.82	17.51	17.24	17.90	18.32	16.82	17.51	17.24	17.90	18.32
	4H	16.78	17.37	17.21	17.79	18.24	16.78	17.37	17.21	17.79	18.24
	6H	16.70	17.23	17.18	17.68	18.13	16.70	17.23	17.18	17.68	18.13
	8H	16.71	17.19	17.19	17.65	18.13	16.71	17.19	17.19	17.65	18.13
	12H	16.76	17.21	17.25	17.66	18.18	16.76	17.21	17.25	17.66	18.18
8H	4H	16.60	17.08	17.08	17.54	18.01	16.60	17.08	17.08	17.54	18.01
	6H	16.54	16.94	17.05	17.42	17.93	16.54	16.94	17.05	17.42	17.93
	8H	16.63	16.97	17.17	17.49	17.99	16.63	16.97	17.17	17.49	17.99
	12H	16.76	17.02	17.30	17.54	18.06	16.76	17.02	17.30	17.54	18.06
12H	4H	16.55	17.00	17.04	17.45	17.97	16.55	17.00	17.04	17.45	17.97
	6H	16.55	16.89	17.08	17.41	17.91	16.55	16.89	17.08	17.41	17.91
	8H	16.62	16.89	17.17	17.40	17.93	16.62	16.89	17.17	17.40	17.93
Variation with the observer position at spacings:											
S = 1.0H		3.7/-6.7					3.7/-6.7				
S = 1.5H		6.3/-9.4					6.3/-9.4				
S = 2.0H		8.2/-8.8					8.2/-8.8				
Standard tables:		BK0					BK0				
Uncorrected UGR		-1.5					-1.5				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fc

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0620

Number of Lamps: 1

Power (W): 7.8000

Lamp flux(lm): 700.0

PF: 0.9900

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 547.19, Efficiency(%): 78.17% , Luminous Efficacy(lm/W): 70.15

Central intensity(cd): 2940.775, Maximum intensity(cd): 2940.775

Angle of maximum intensity: C=0.0 γ =0.0

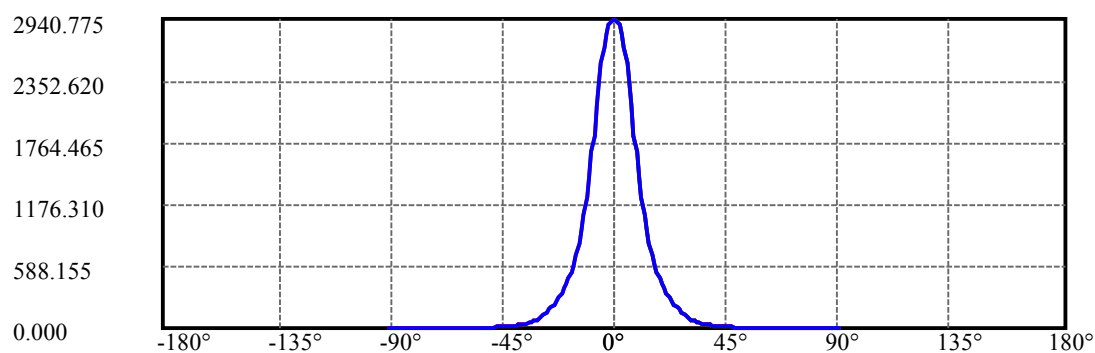
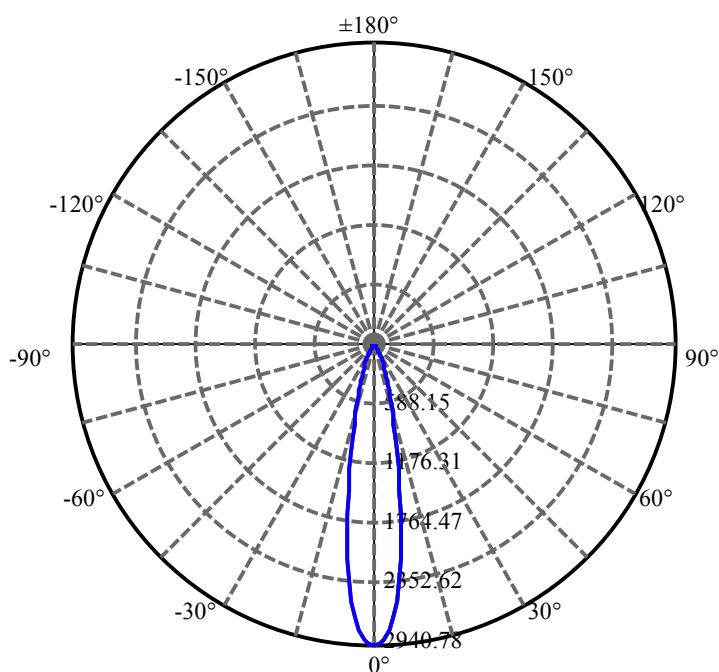
Beam angle of C0 plane : 19.78

Aveage BeamAngle(IEC 61341):19.78

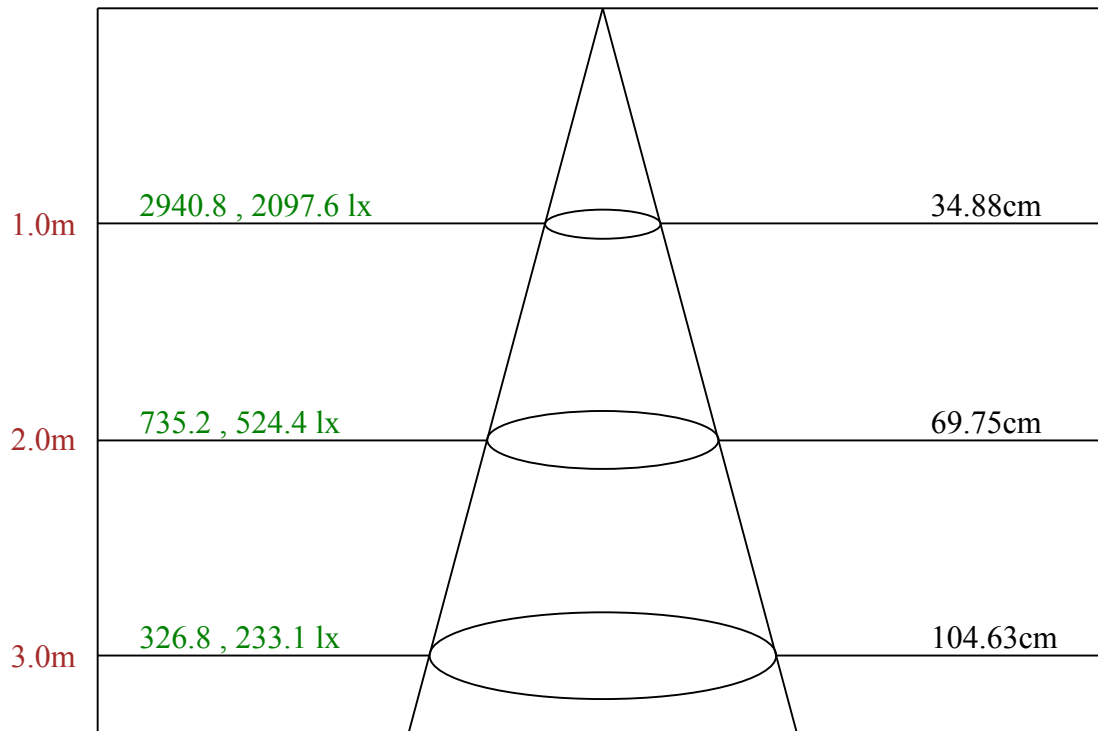
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 7/24/2024
Humidity(%): 55.0%

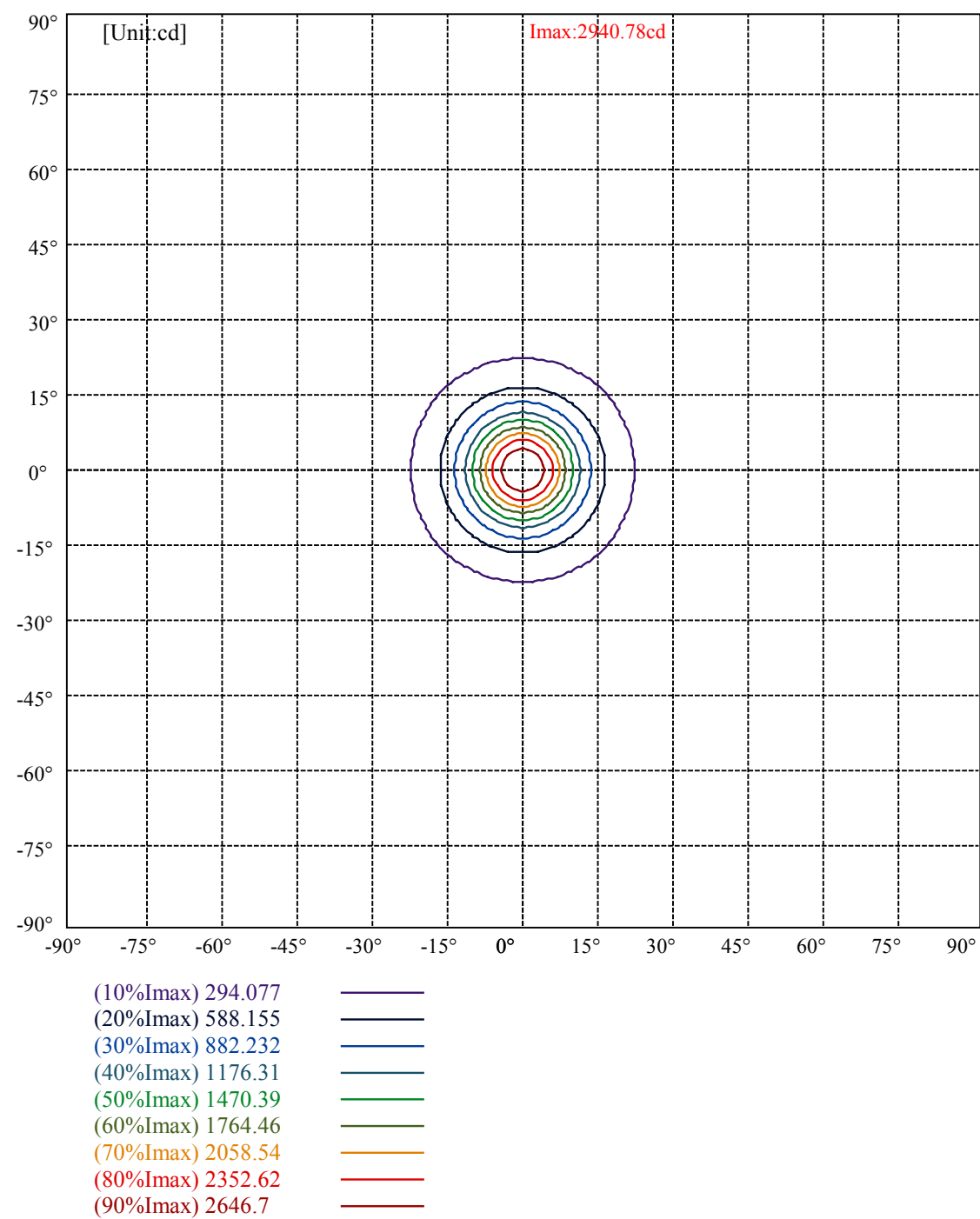
Operator: 01
Distance(m): 6.90



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



Max , Ave Beam angle of C0 plane 19.78



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:5

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	8492	5305	3445	2607	2380	2627	3127	4558	9013
C45	8492	5305	3445	2607	2380	2627	3127	4558	9013
C90	8492	5305	3445	2607	2380	2627	3127	4558	9013

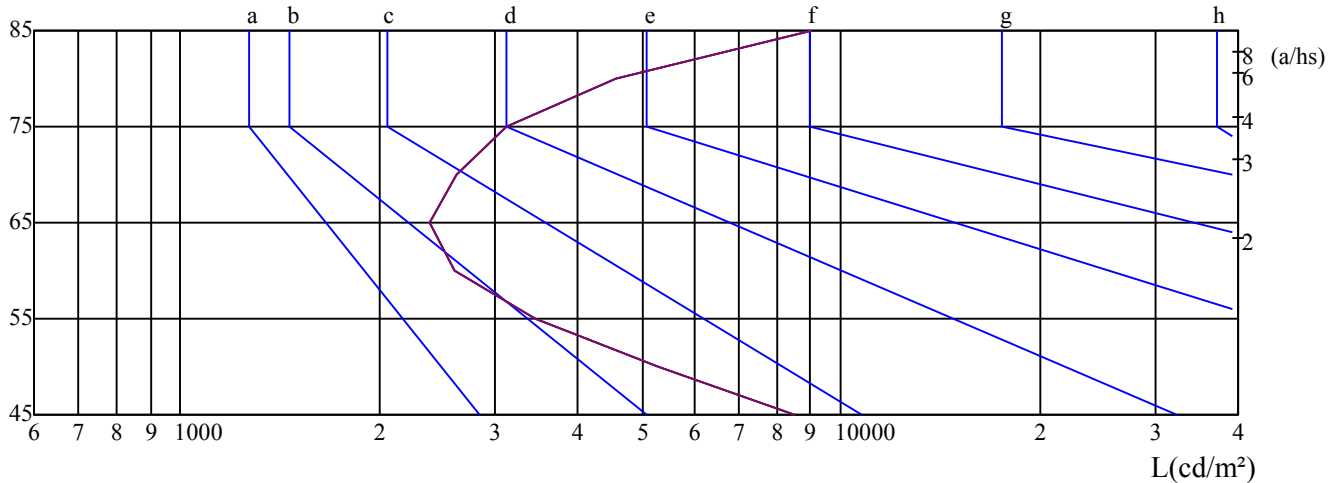
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2380	2380	2380	3127	3127	3127	9013	9013	9013

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($^{\circ}$ C): 25.5

Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90



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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fm

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0620

Number of Lamps: 1

Power (W): 7.8400

Lamp flux(lm): 700.0

PF: 0.9500

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 583.00, Efficiency(%): 83.29% , Luminous Efficacy(lm/W): 74.36

Central intensity(cd): 1921.968, Maximum intensity(cd): 1921.968

Angle of maximum intensity: C=0.0 γ =0.0

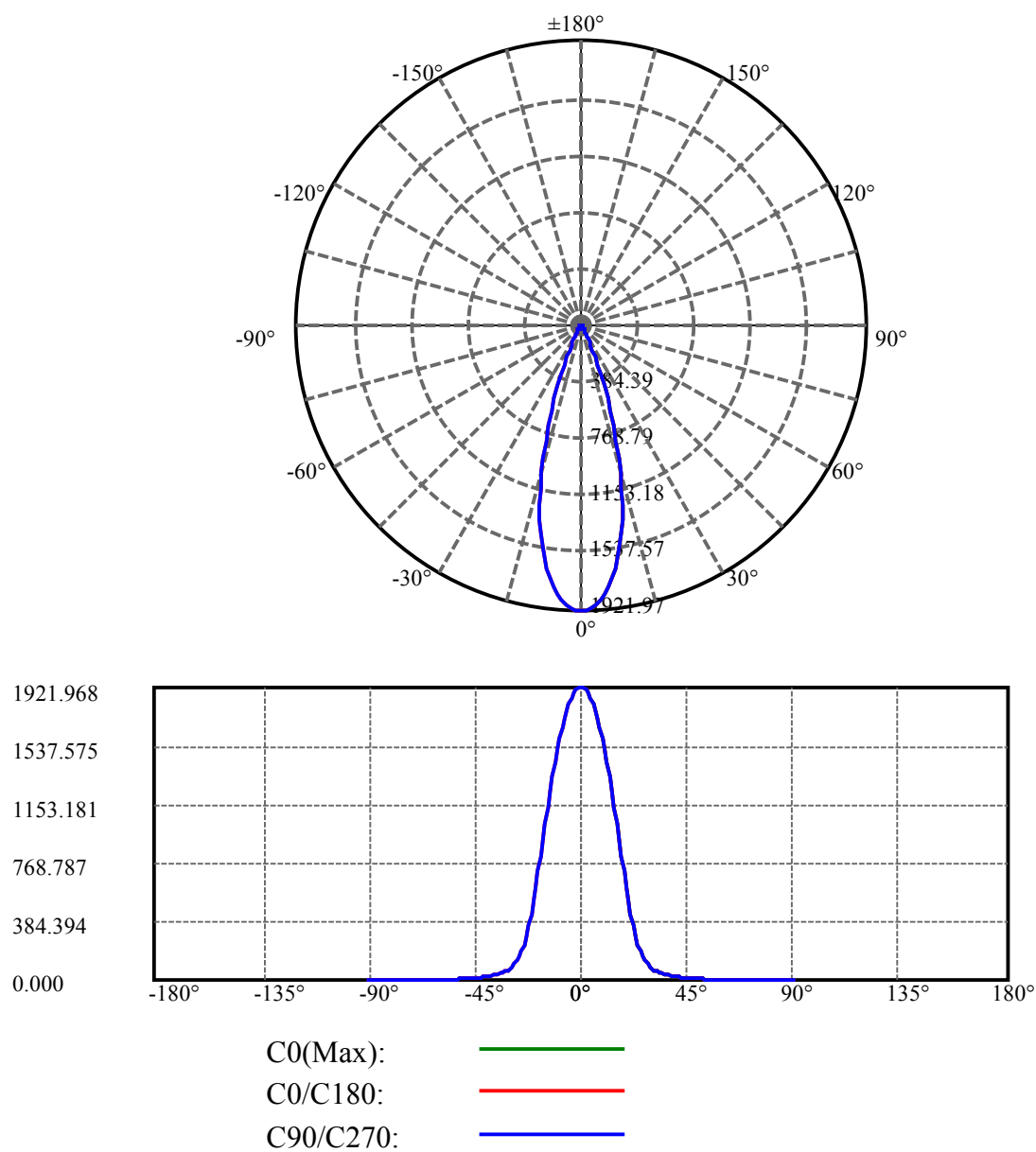
Beam angle of C0 plane : 31.31

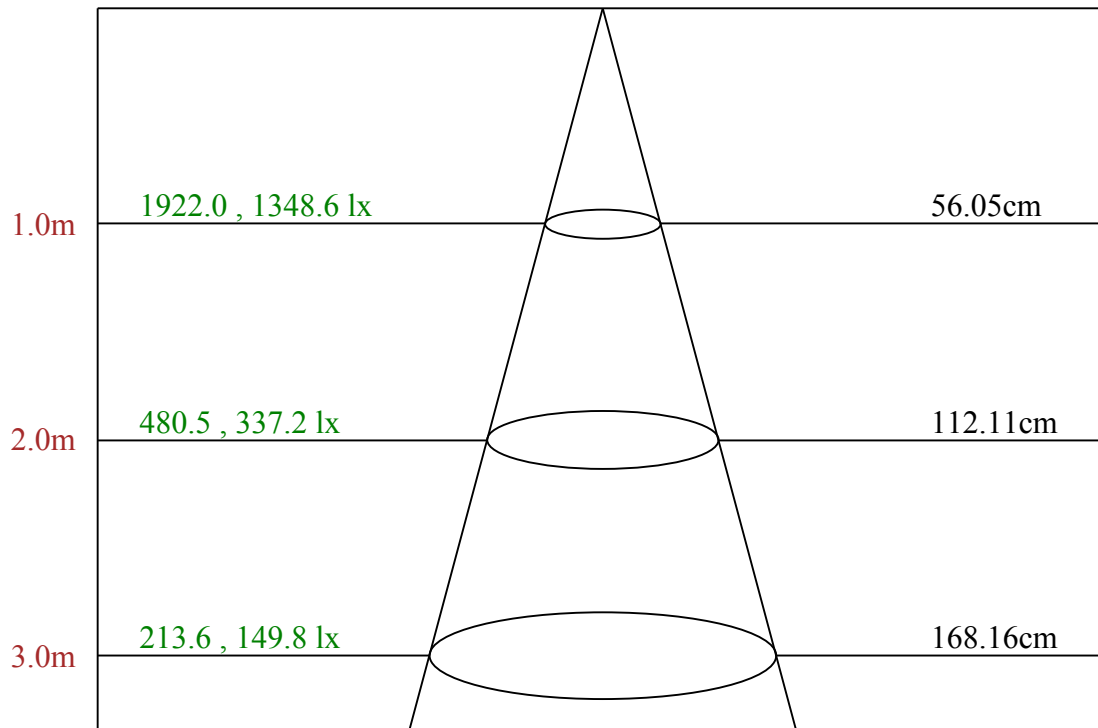
Aveage BeamAngle(IEC 61341):31.31

Equipment: equipamento lumini
Temperature(°C): 25.5

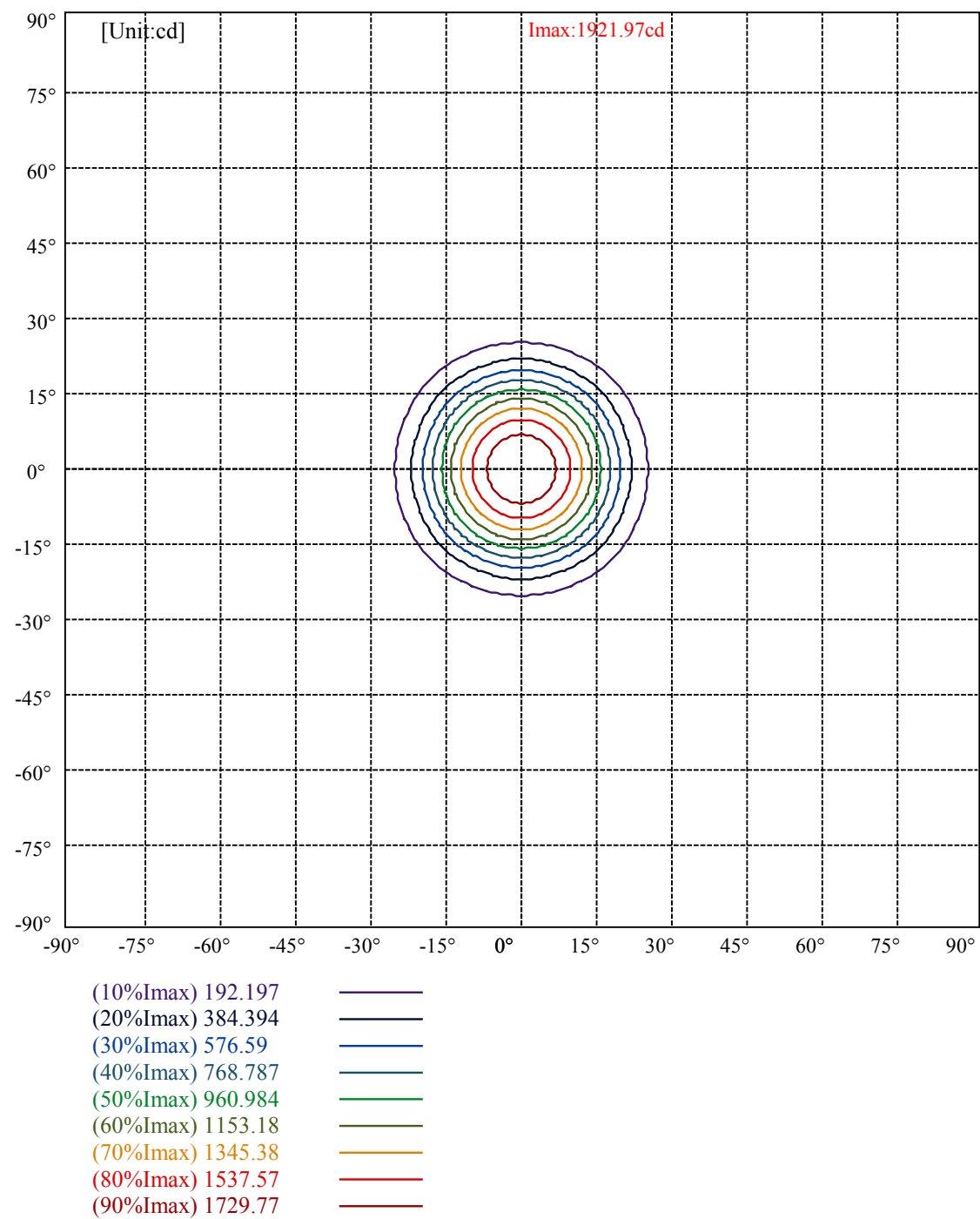
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 31.31



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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:5

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	9275	5694	3393	2535	2464	2645	3334	4867	9491
C45	9275	5694	3393	2535	2464	2645	3334	4867	9491
C90	9275	5694	3393	2535	2464	2645	3334	4867	9491

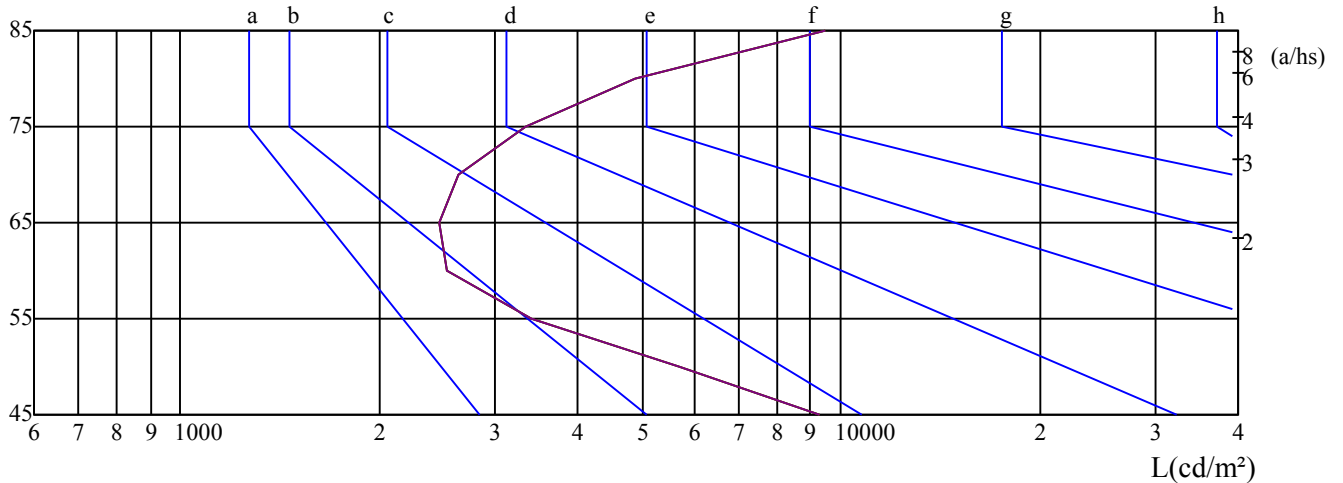
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2464	2464	2464	3334	3334	3334	9491	9491	9491

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: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90



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LumCAT:

Luminaire: no frame led darklight 8 serie 2 e fa

LampCAT: modulo led 6W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 128.5000

Test No:

Current(A): 0.0980

Number of Lamps: 1

Power (W): 12.6000

Lamp flux(lm): 700.0

PF: 0.9990

Length(mm): 80

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 492.75, Efficiency(%): 70.39% , Luminous Efficacy(lm/W): 39.11

Central intensity(cd): 847.839, Maximum intensity(cd): 847.839

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

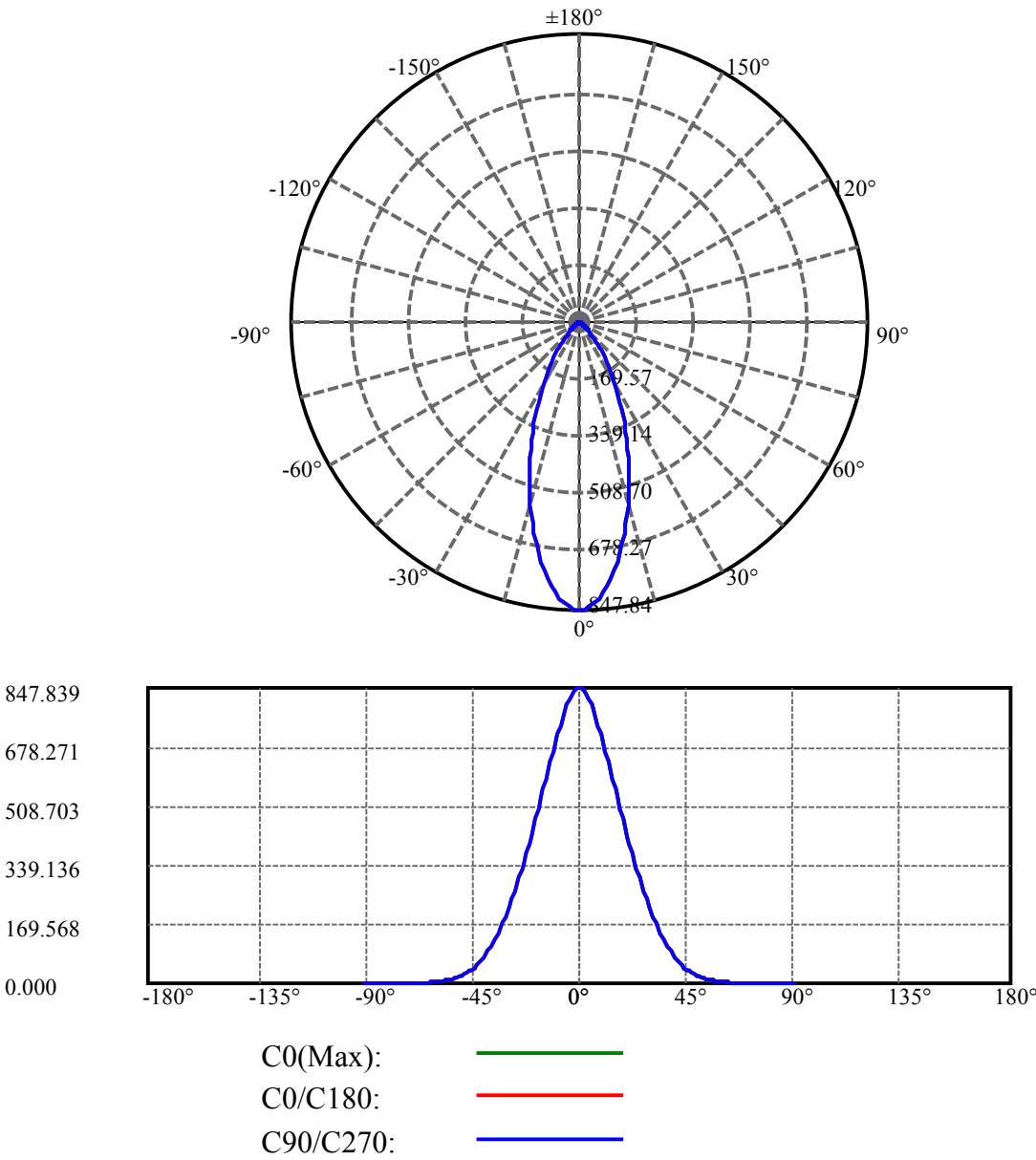
Beam angle of C0 plane : 39.92

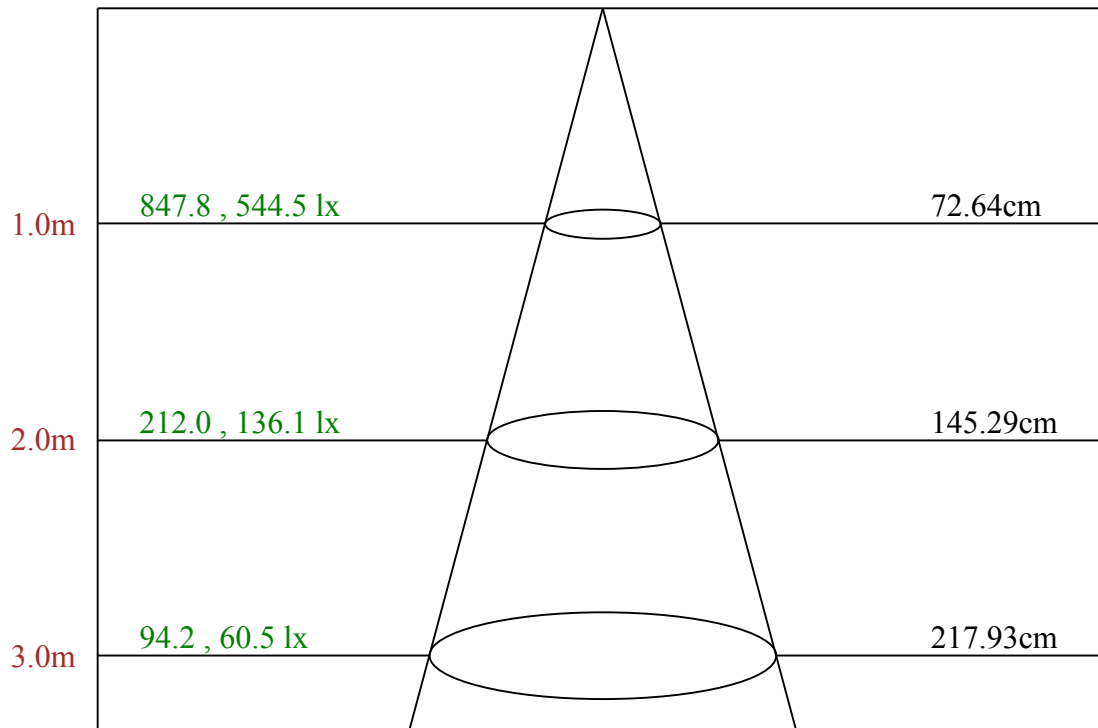
Aveage BeamAngle(IEC 61341):39.92

Equipment: equipamento lumini
Temperature(°C): 25.5

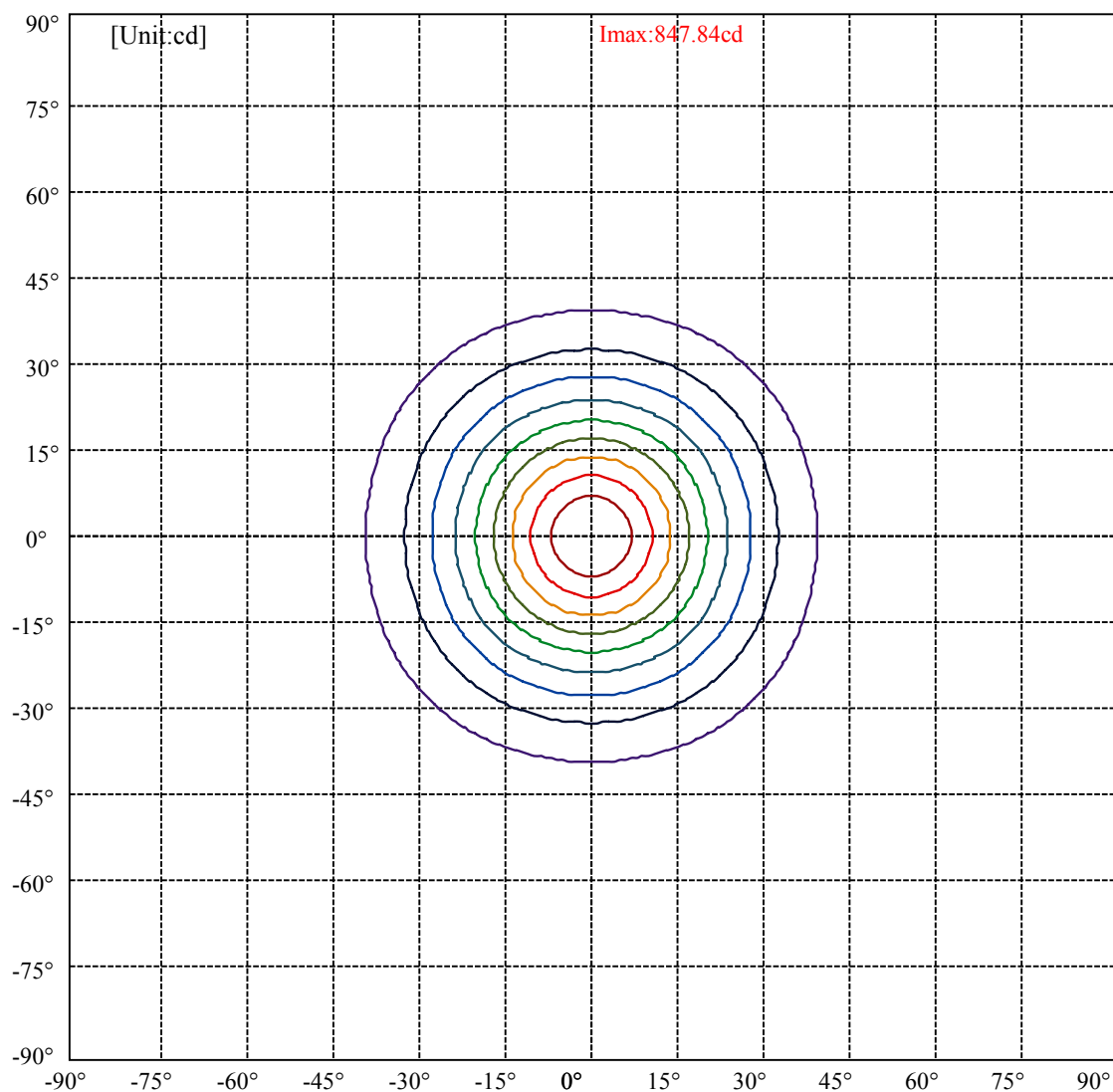
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 39.92



(10%Imax) 84.7839	—
(20%Imax) 169.568	—
(30%Imax) 254.352	—
(40%Imax) 339.136	—
(50%Imax) 423.919	—
(60%Imax) 508.703	—
(70%Imax) 593.487	—
(80%Imax) 678.271	—
(90%Imax) 763.055	—

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Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:5

Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	27867	15527	8435	4118	2211	1810	2253	3359	6623
C45	27867	15527	8435	4118	2211	1810	2253	3359	6623
C90	27867	15527	8435	4118	2211	1810	2253	3359	6623

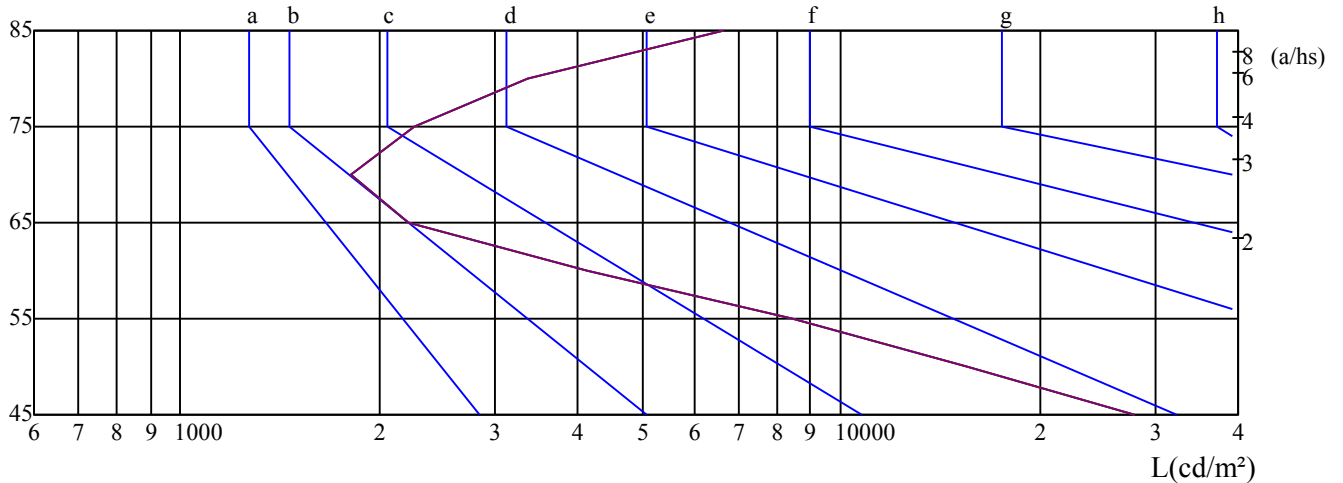
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2211	2211	2211	2253	2253	2253	6623	6623	6623

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 ———

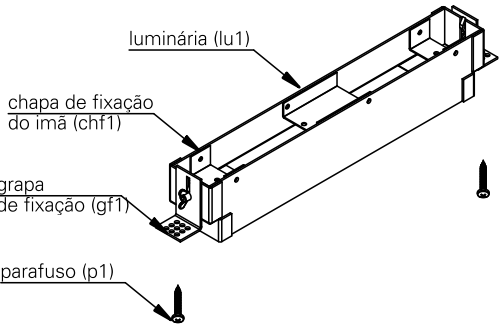
Equipment: equipamento lumini
Temperature($^{\circ}$ C): 25.5

Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

no frame

no frame darklight 8 série 2
no frame darklight 17 série 3



especificações técnicas

fonte de luz
módulo led integrado (incluso)

índice de proteção
IP20 - luminária para uso interno

peso
no frame darklight 8 série 2 - xx kg
no frame darklight 17 série 3 - xx 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
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

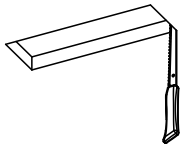
leia atentamente todas as instruções relacionadas ao seu produto antes de utilizá-lo.

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

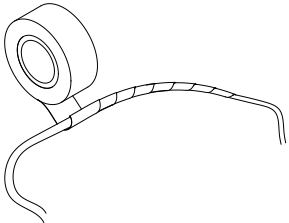
não são permitidas modificações no produto, esse deve atender à finalidade para a qual foi projetado e ser utilizado de acordo com as especificações técnicas.

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

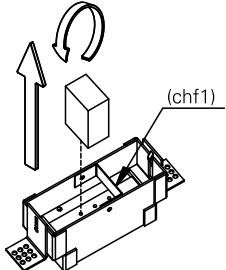
1. faça um nicho no forro conforme a tabela abaixo:
no frame darklight 8 série 2 = 88x44
no frame darklight 17 série 3 = 171x44



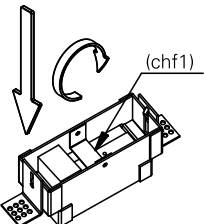
2. faça a ligação elétrica. isole os fios separadamente com fita isolante. repita a operação envolvendo o conjunto dos fios, vedando completamente a emenda.



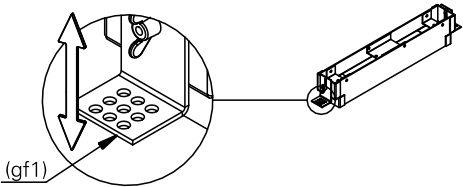
3. vire a chapa de fixação do ímã para passagem do driver. obs: esse caso será necessário somente para darklight 8.



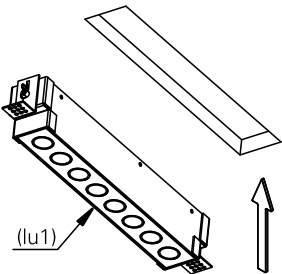
4. vire novamente a chapa de fixação do ímã e deixe na posição inicial. obs: esse caso será necessário somente para darklight / concentre 8.



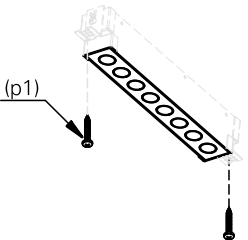
5. ajuste a grapa de fixação (gf1) conforme a espessura do forro.



6. encline a luminária (lu1) para entrar no nicho e posicione na posição adequada.



7. utilize os parafusos (p1) para fixar o corpo (co1) e de o acabamento no forro com gesso, não deixando o parafuso aparente. espere a secagem do gesso para prosseguir a próxima etapa.



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

