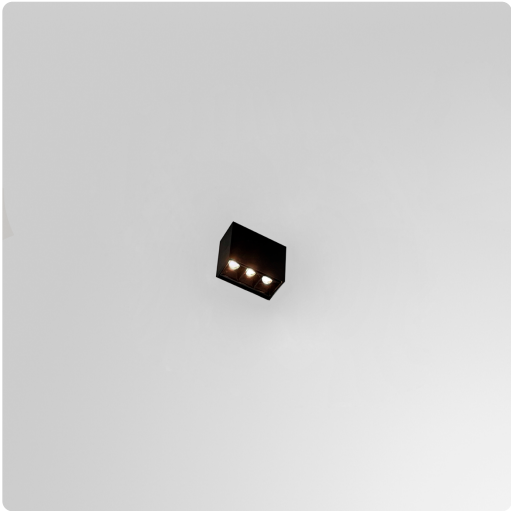




darklight 8 c

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

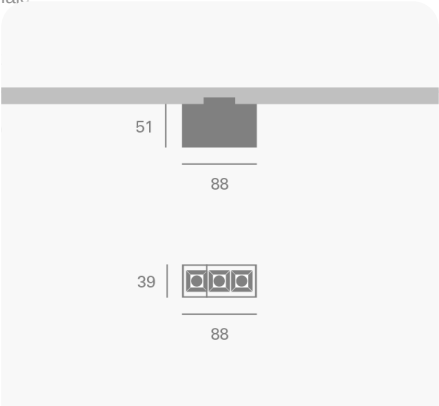
potência (W), fecho, temperatura de cor (K),
fluxo nominal (lm nominal), fluxo útil (lm útil)

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	493
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
marcenaria
laje



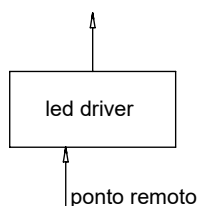
acabamentos e cores

cores



vista frontal

dimensões em milímetros



darklight 8 c serie 2

folha
1/1

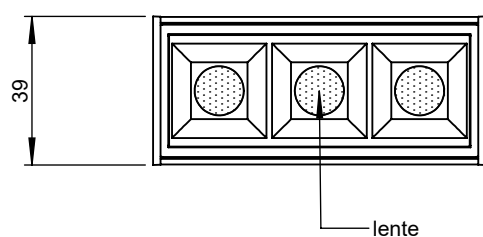
escala
1:2

data
04/04/2025

desenhista
emilson

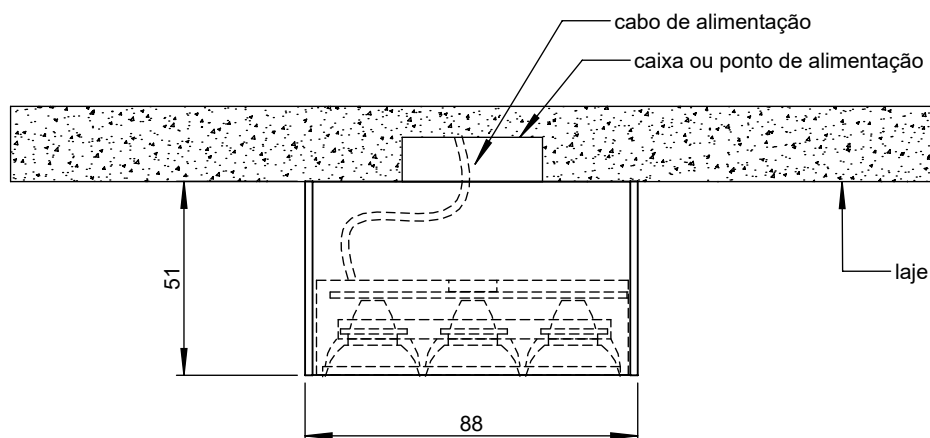
aprovação
edmilson

revisões
04/04/2025

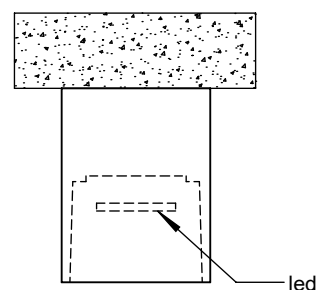


vista inferior

dimensões em milímetros



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





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LumCAT:

Luminaire: darklight 8 c serie 2 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: $C=0.0$ $\gamma=0.0$

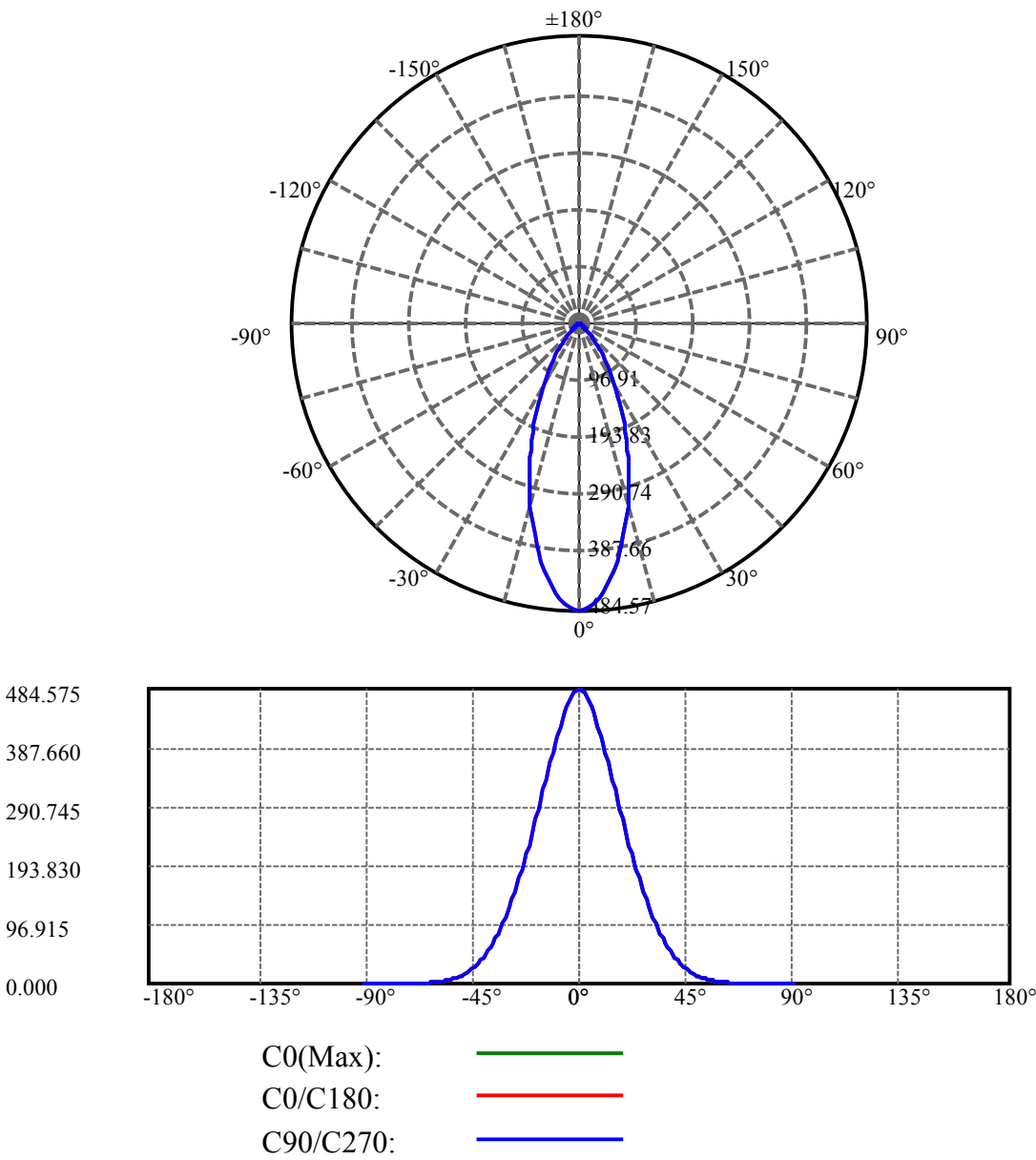
Beam angle of C0 plane : 39.79

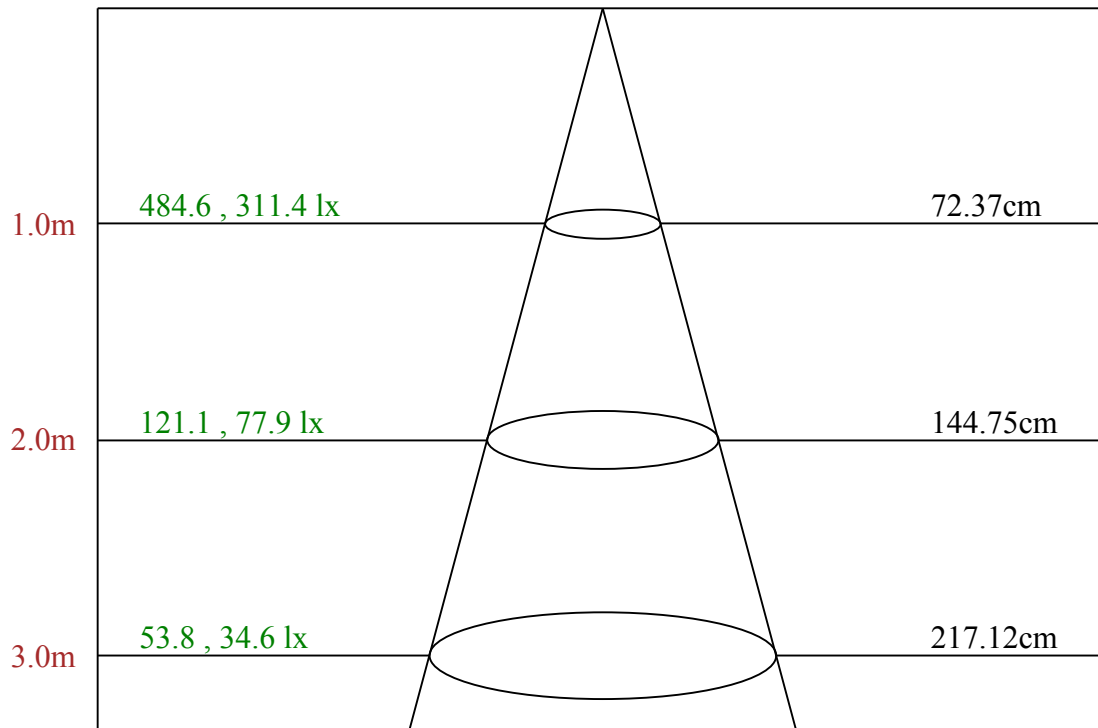
Average BeamAngle(IEC 61341): 39.79

Equipment: equipamento lumini
Temperature(°C): 25.5

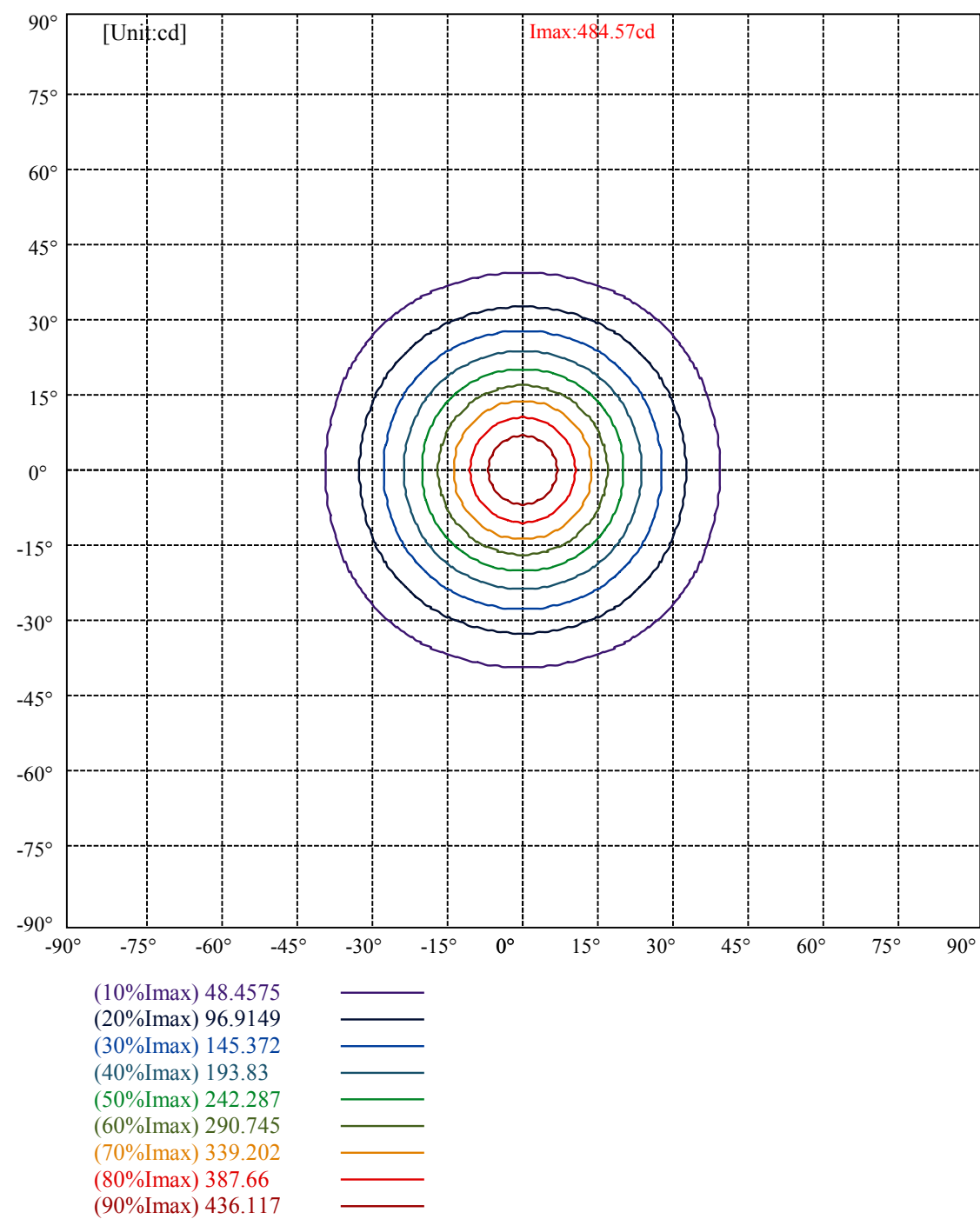
Date: 7/24/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 39.79



Luminance Table

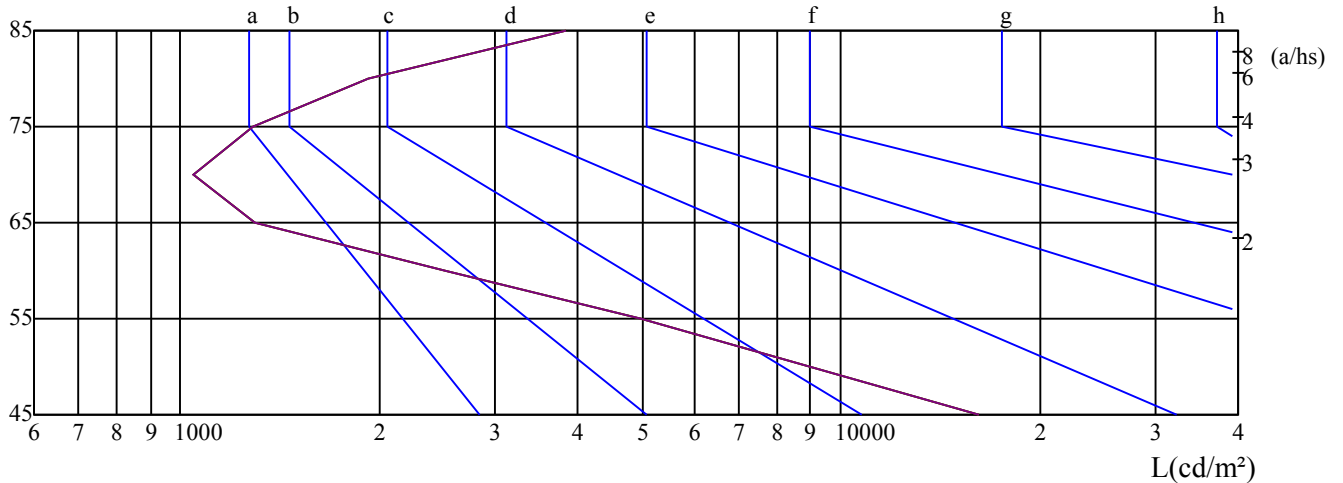
γ	45	50	55	60	65	70	75	80	85
C0	16193	8962	4980	2523	1296	1044	1288	1919	3824
C45	16193	8962	4980	2523	1296	1044	1288	1919	3824
C90	16193	8962	4980	2523	1296	1044	1288	1919	3824

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 —

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: darklight 8 c serie 2 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

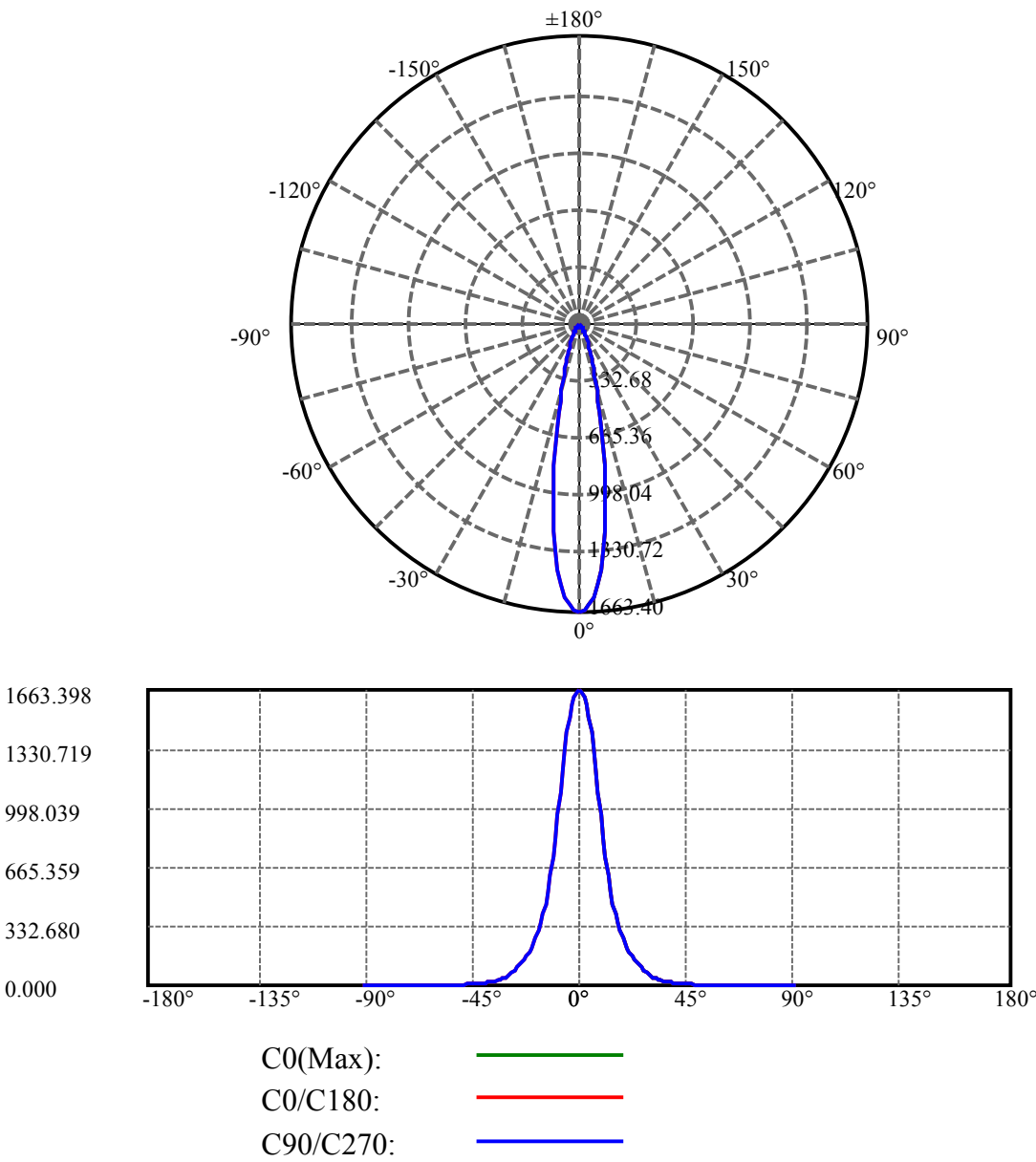
Beam angle of C0 plane : 19.92

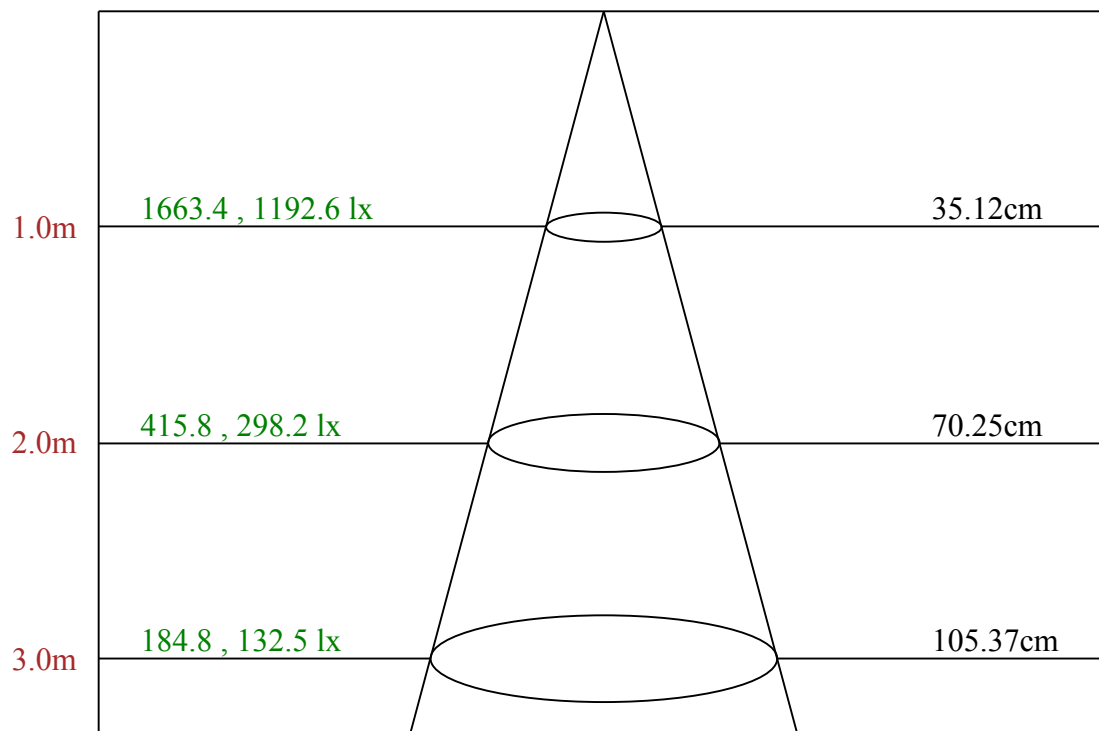
Aveage BeamAngle(IEC 61341):19.92

Equipment: equipamento lumini
Temperature(°C): 25.5

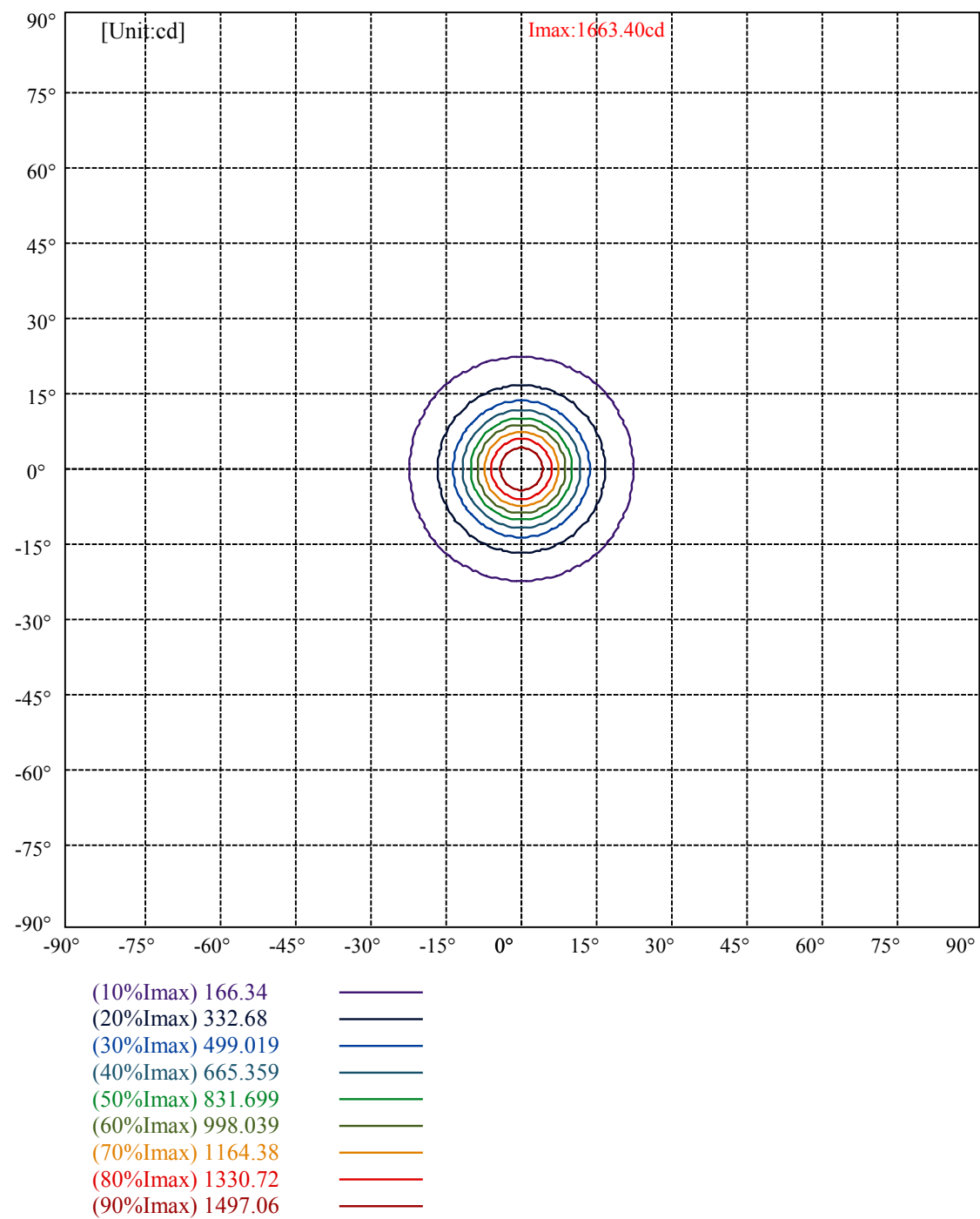
Date: 7/24/2024
Humidity(%): 55.0%

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

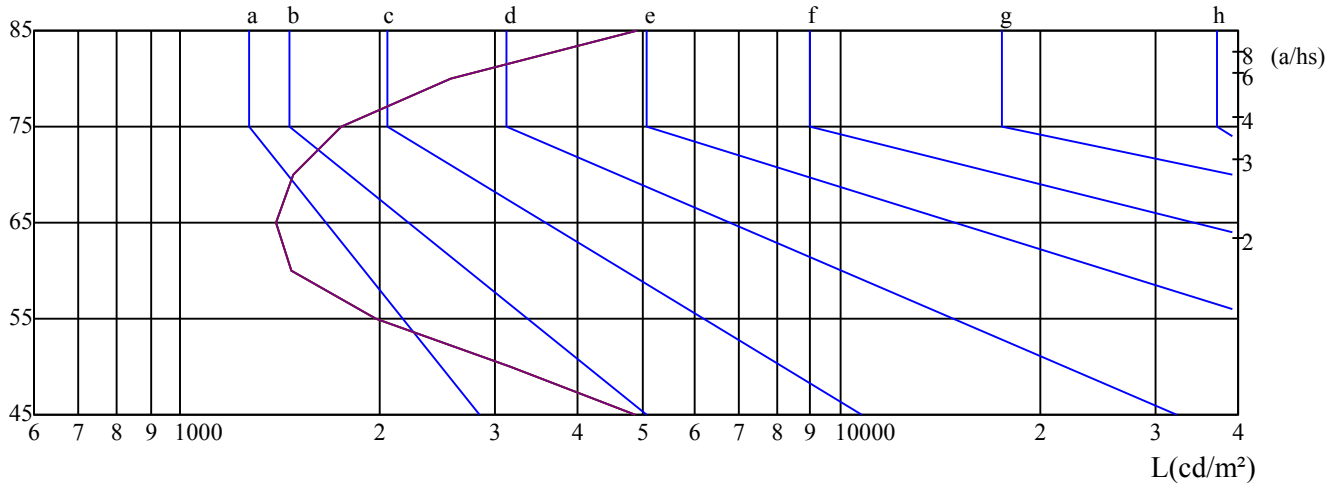
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1394	1394	1394	1748	1748	1748	4916	4916	4916

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: darklight 8 c serie 2 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

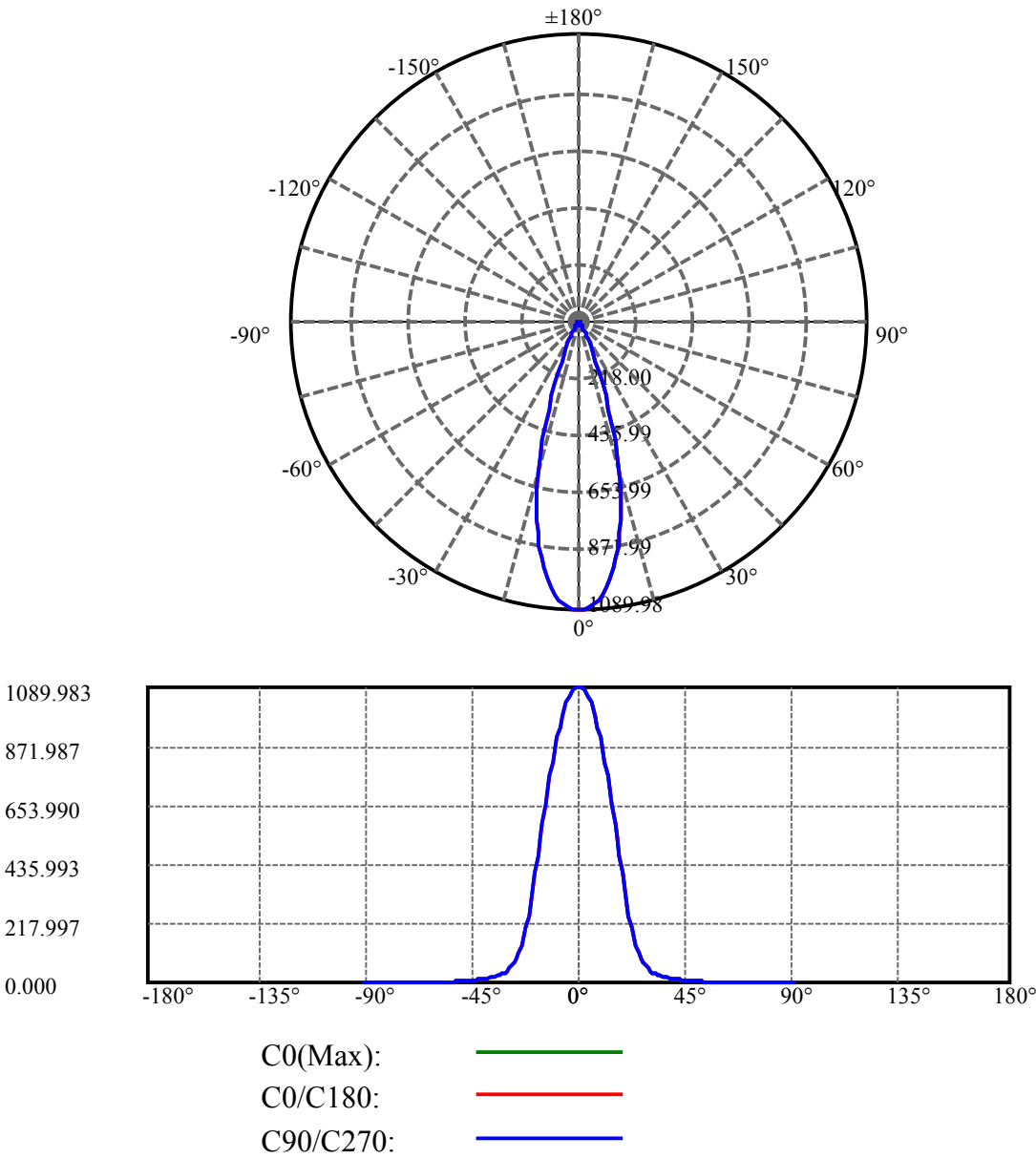
Beam angle of C0 plane : 31.56

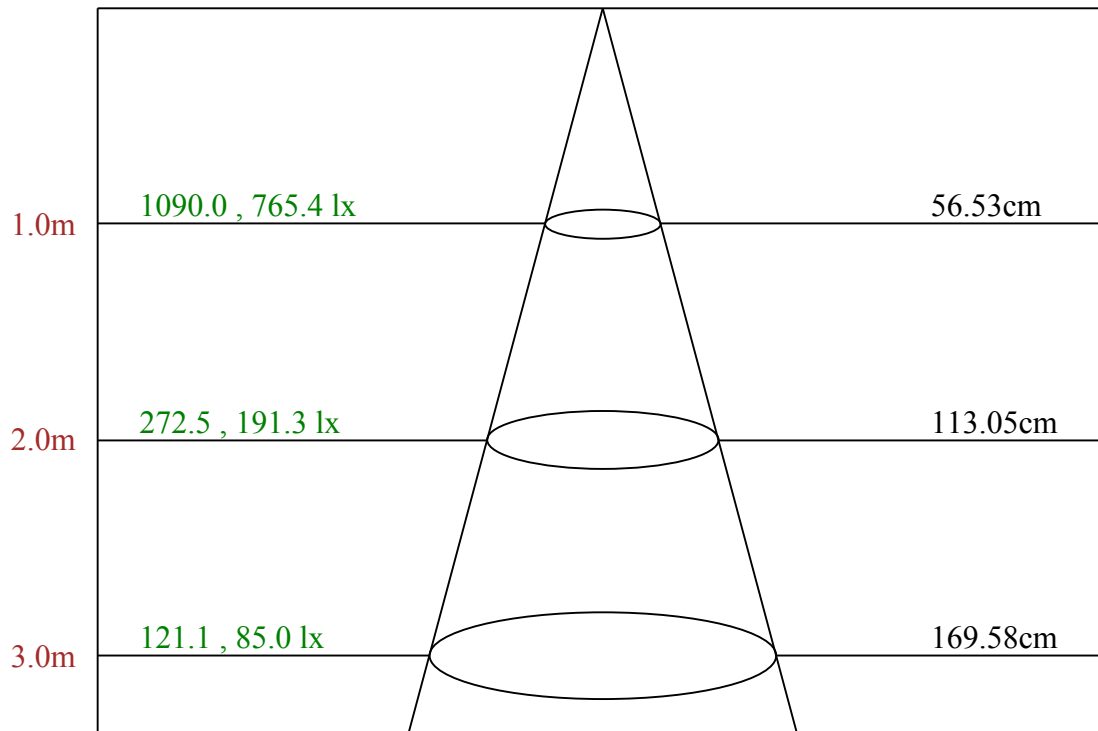
Aveage BeamAngle(IEC 61341):31.56

Equipment: equipamento lumini
Temperature(°C): 25.5

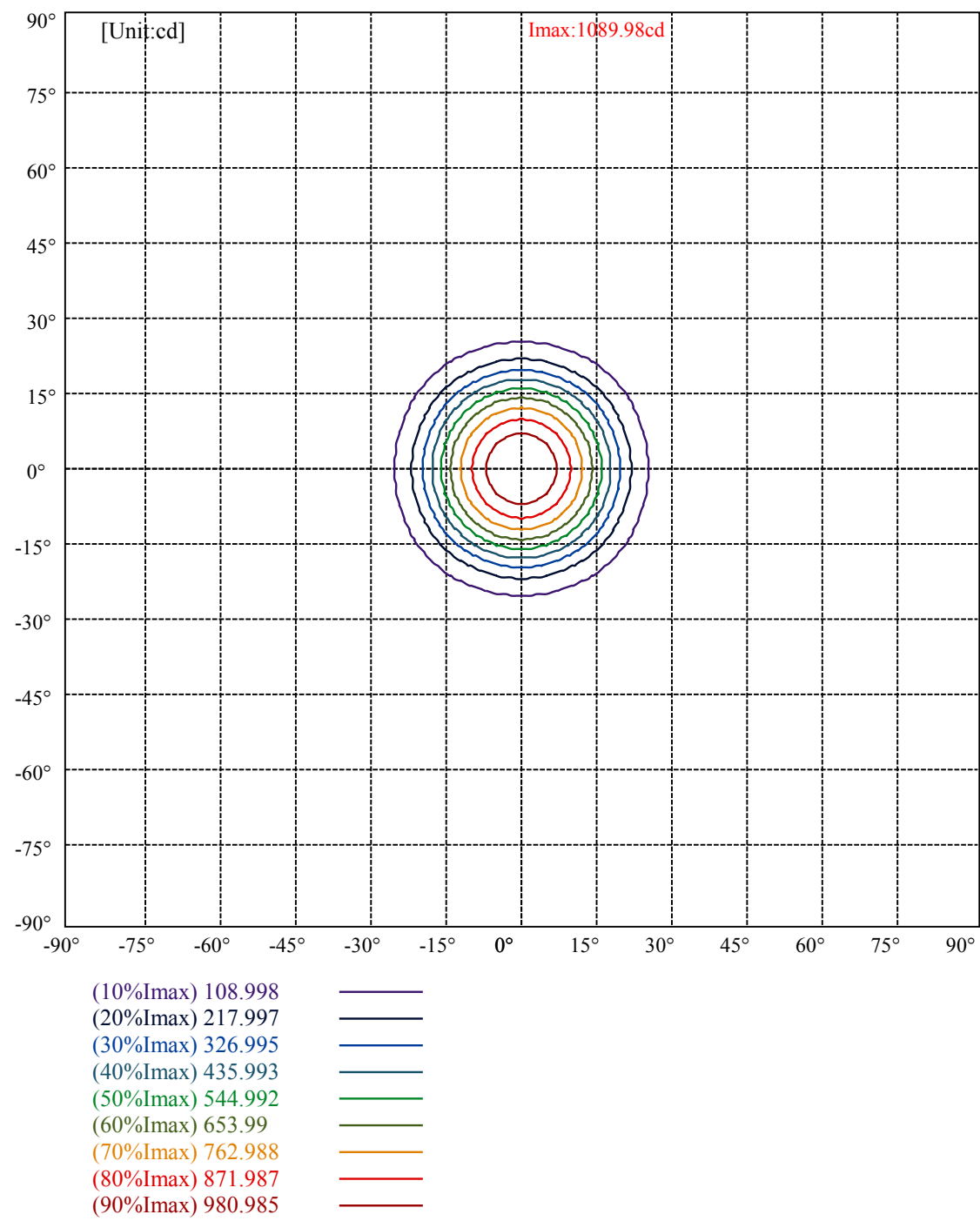
Date: 7/24/2024
Humidity(%): 55.0%

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

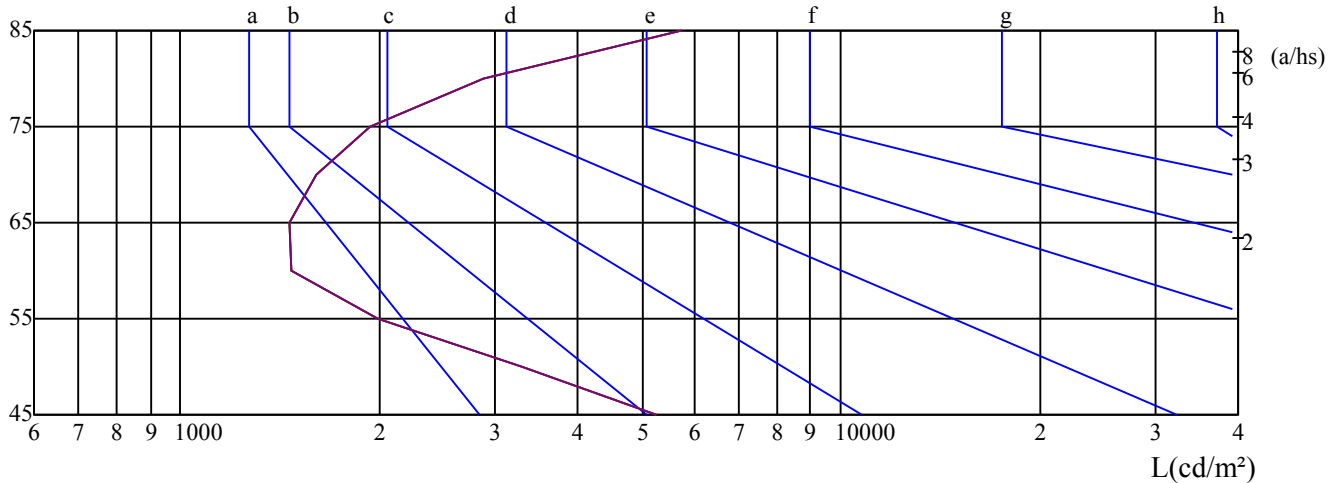
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1465	1465	1465	1931	1931	1931	5736	5736	5736

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($^{\circ}\text{C}$): 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	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: darklight 8 c serie 2 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

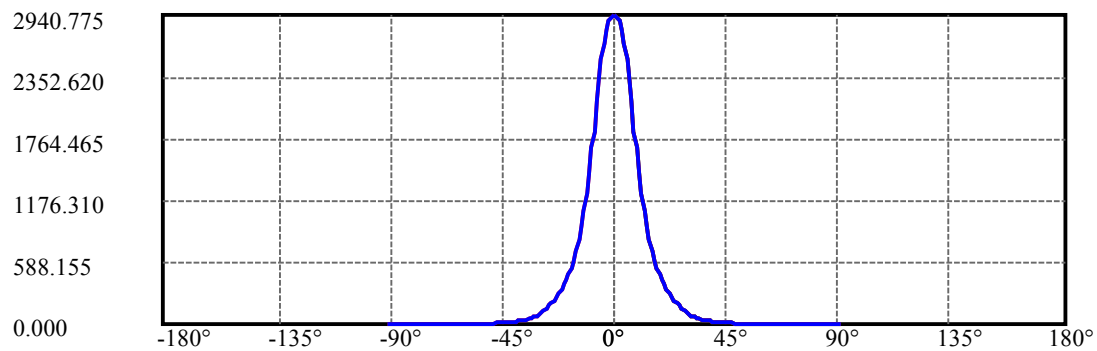
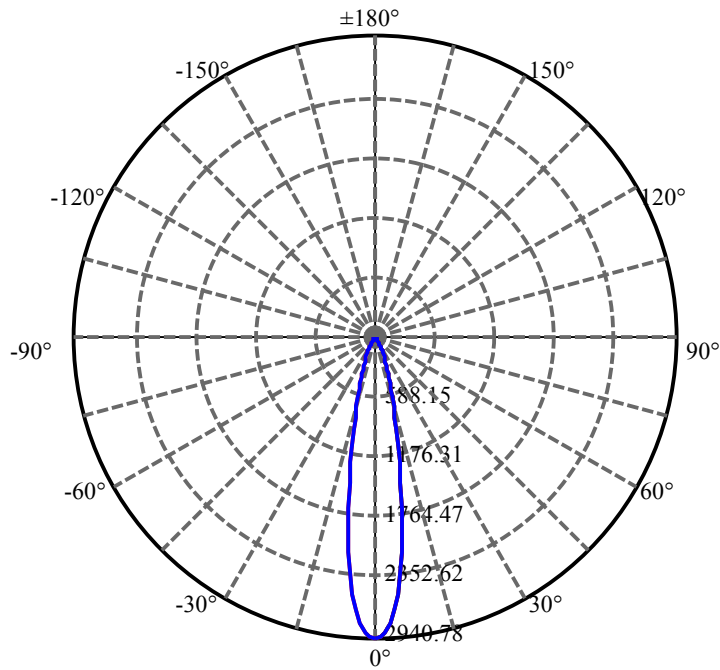
Beam angle of C0 plane : 19.78

Aveage BeamAngle(IEC 61341):19.78

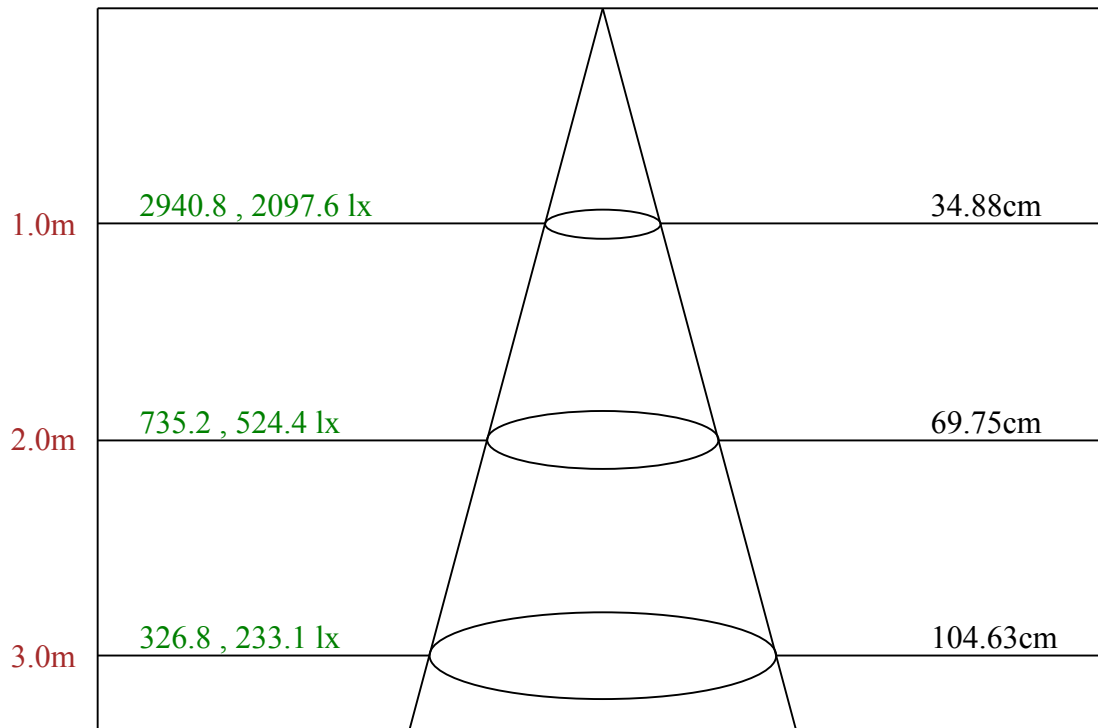
Equipment: equipamento lumini
Temperature(°C): 25.5

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

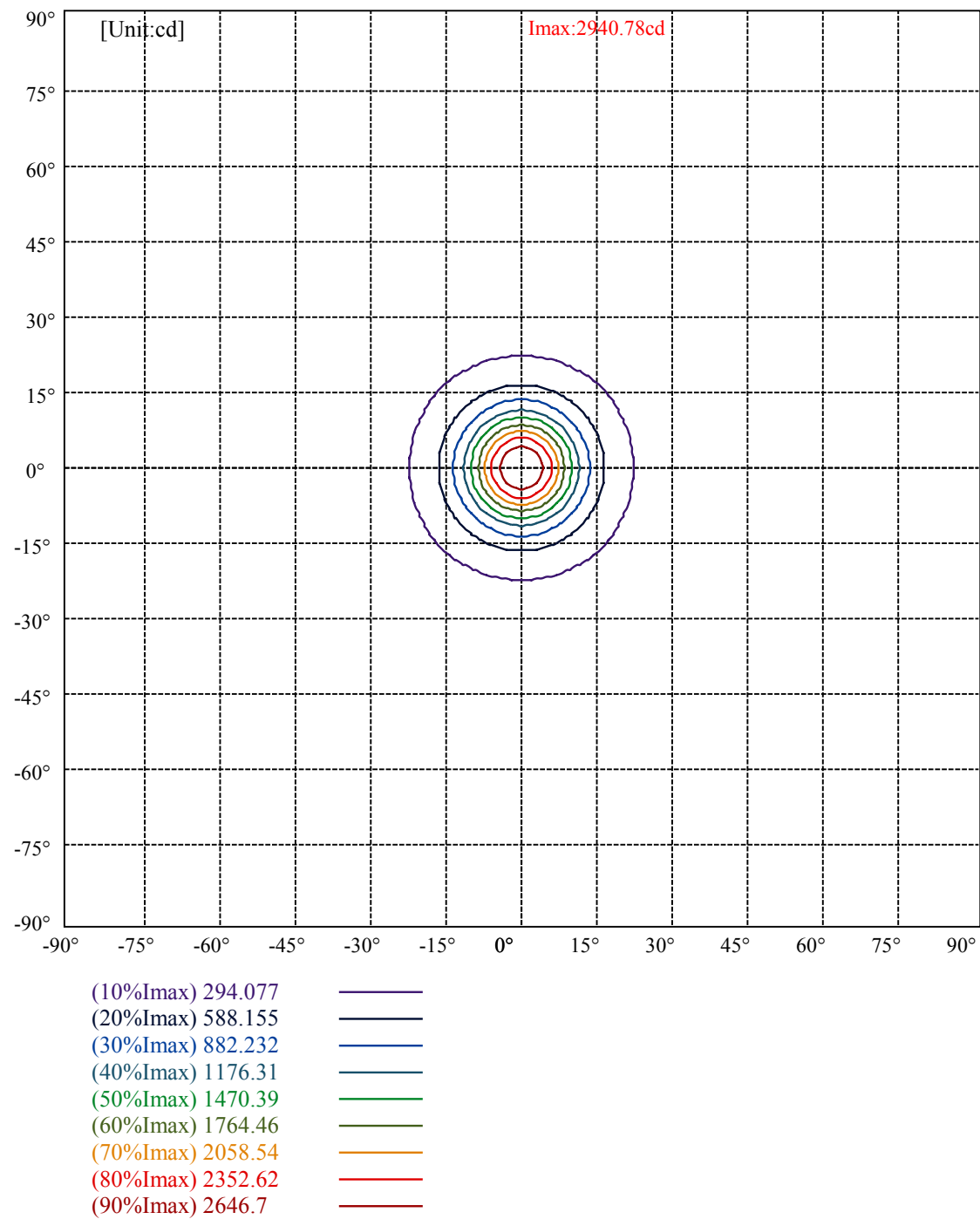
Operator: 01
Distance(m): 6.90



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

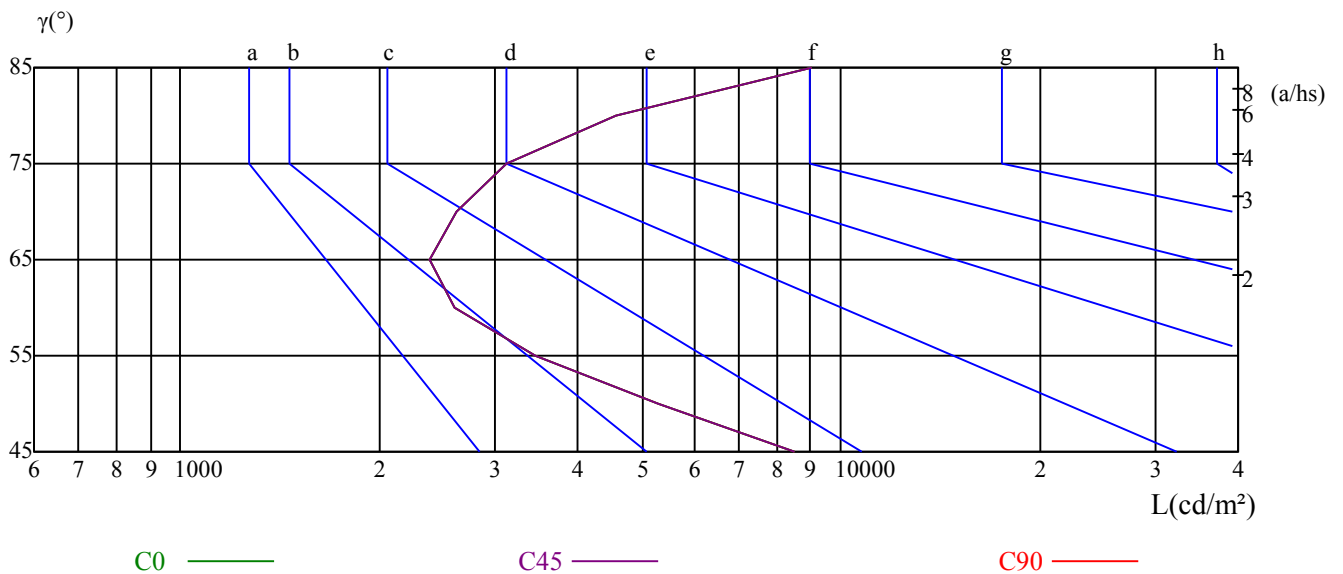
γ	45	50	55	60	65	70	75	80	85
C0	8492	5305	3445	2607	2380	2627	3127	4558	9013
C45	8492	5305	3445	2607	2380	2627	3127	4558	9013
C90	8492	5305	3445	2607	2380	2627	3127	4558	9013

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



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: darklight 8 c serie 2 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

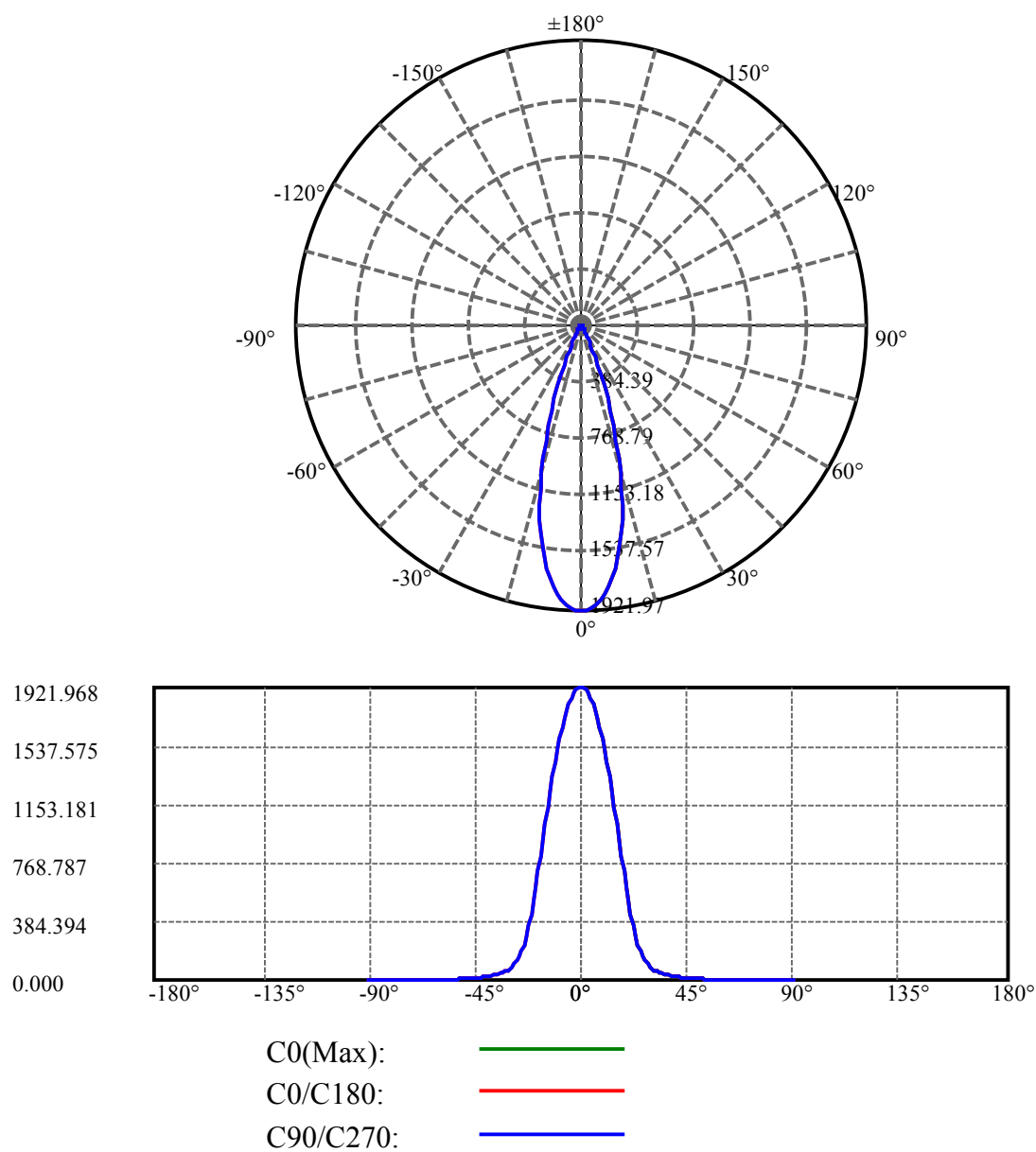
Beam angle of C0 plane : 31.31

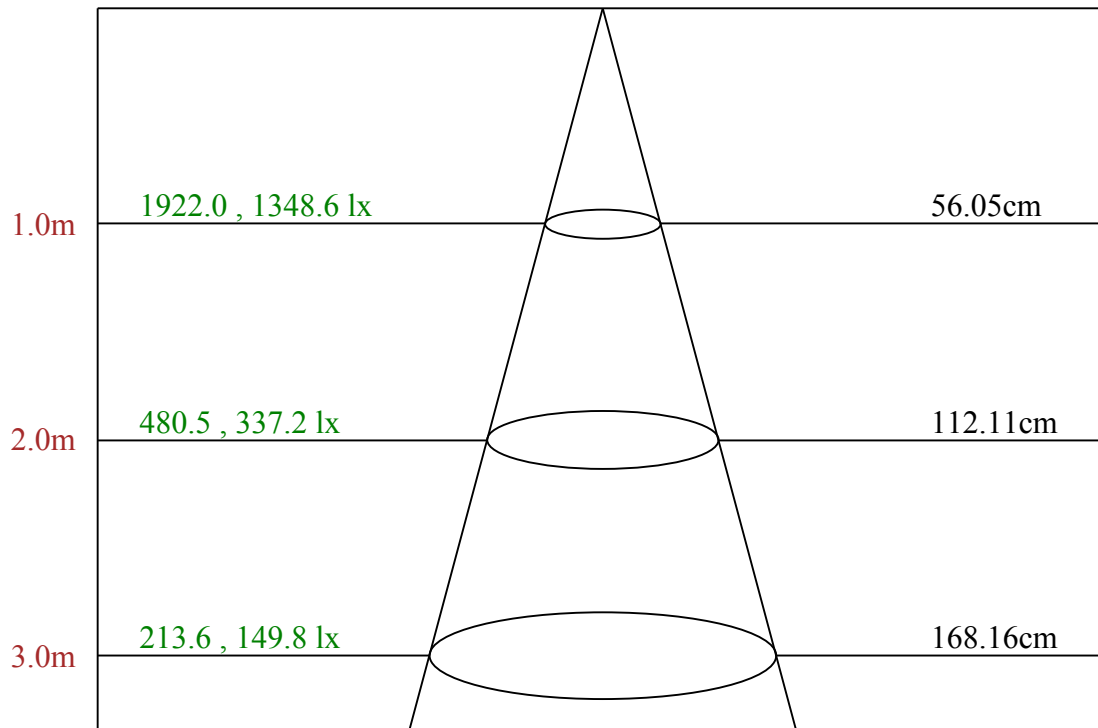
Aveage BeamAngle(IEC 61341):31.31

Equipment: equipamento lumini
Temperature(°C): 25.5

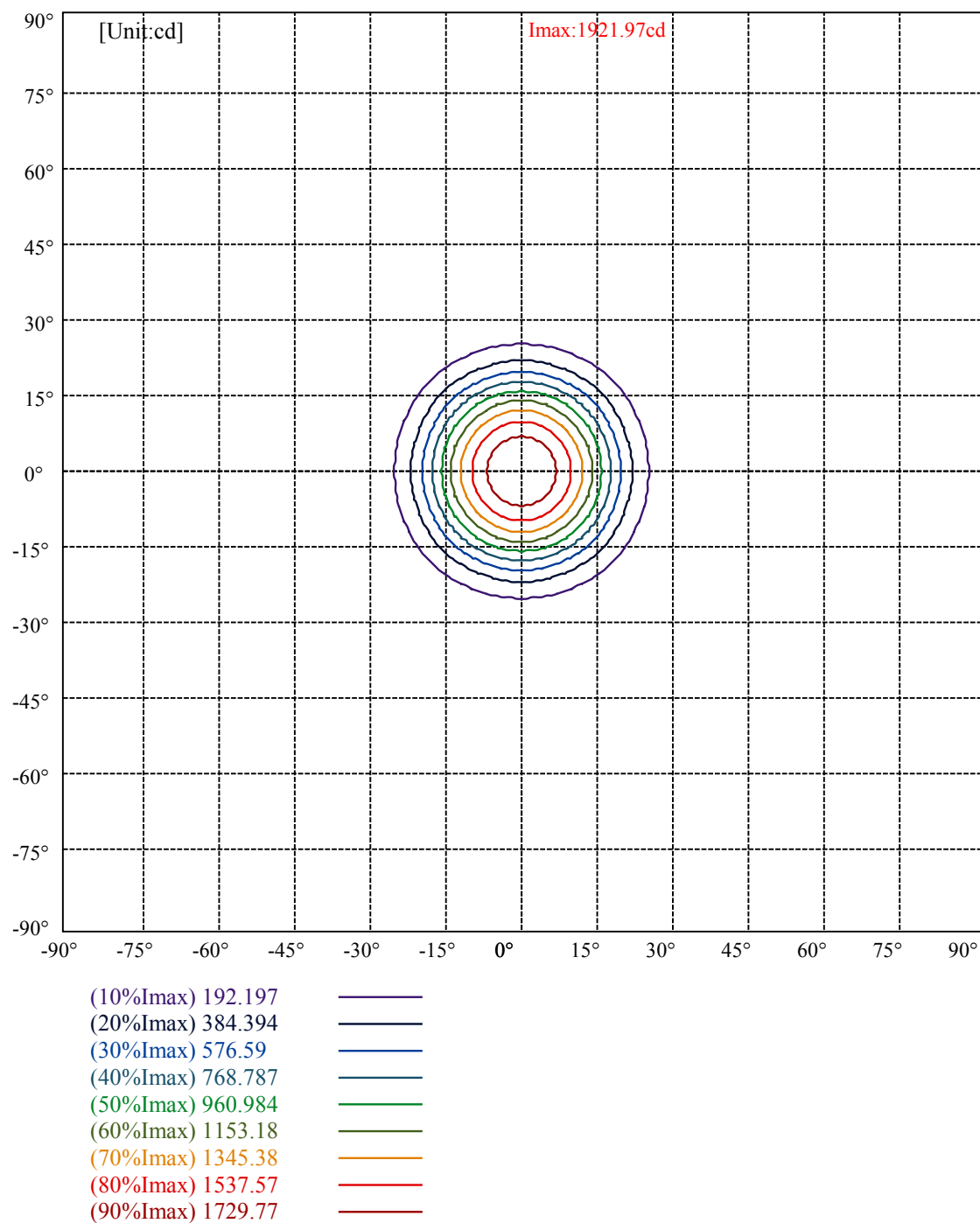
Date: 7/24/2024
Humidity(%): 55.0%

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

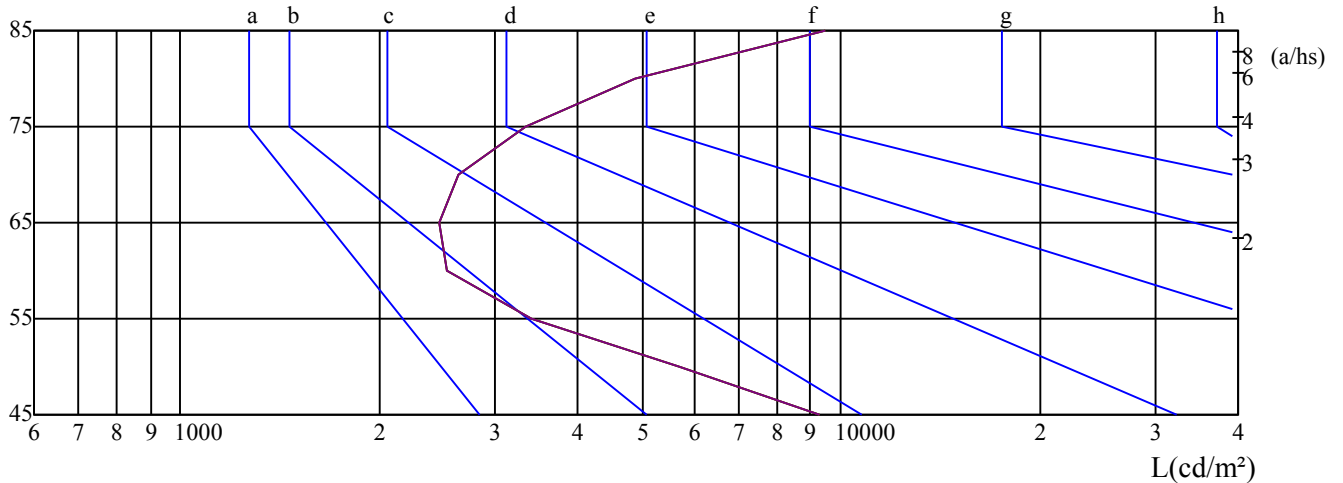
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2464	2464	2464	3334	3334	3334	9491	9491	9491

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

$\gamma(^{\circ})$



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: darklight 8 c serie 2 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 γ =0.0

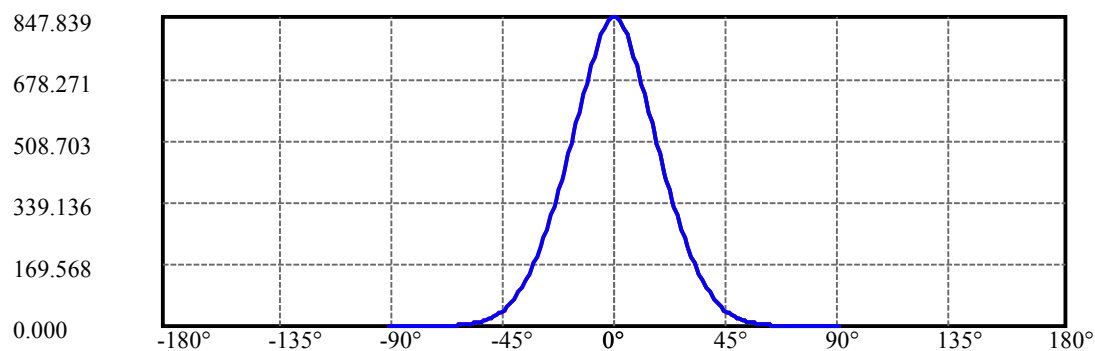
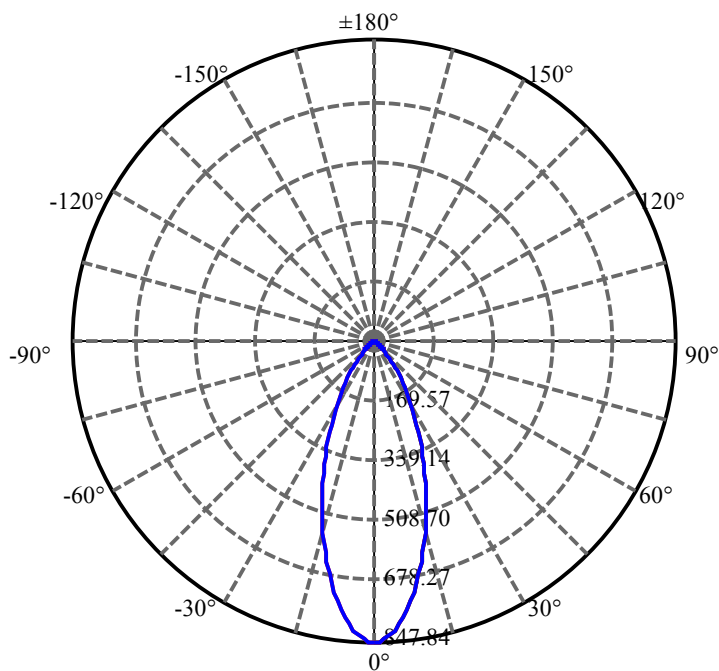
Beam angle of C0 plane : 39.92

Aveage BeamAngle(IEC 61341):39.92

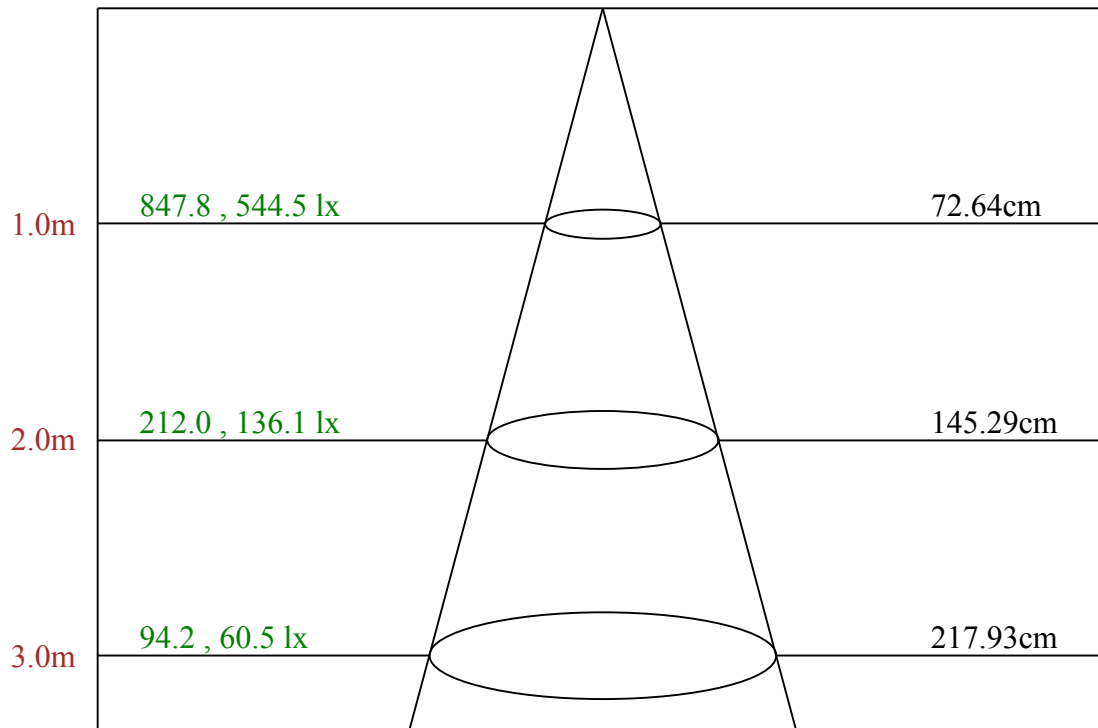
Equipment: equipamento lumini
Temperature(°C): 25.5

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

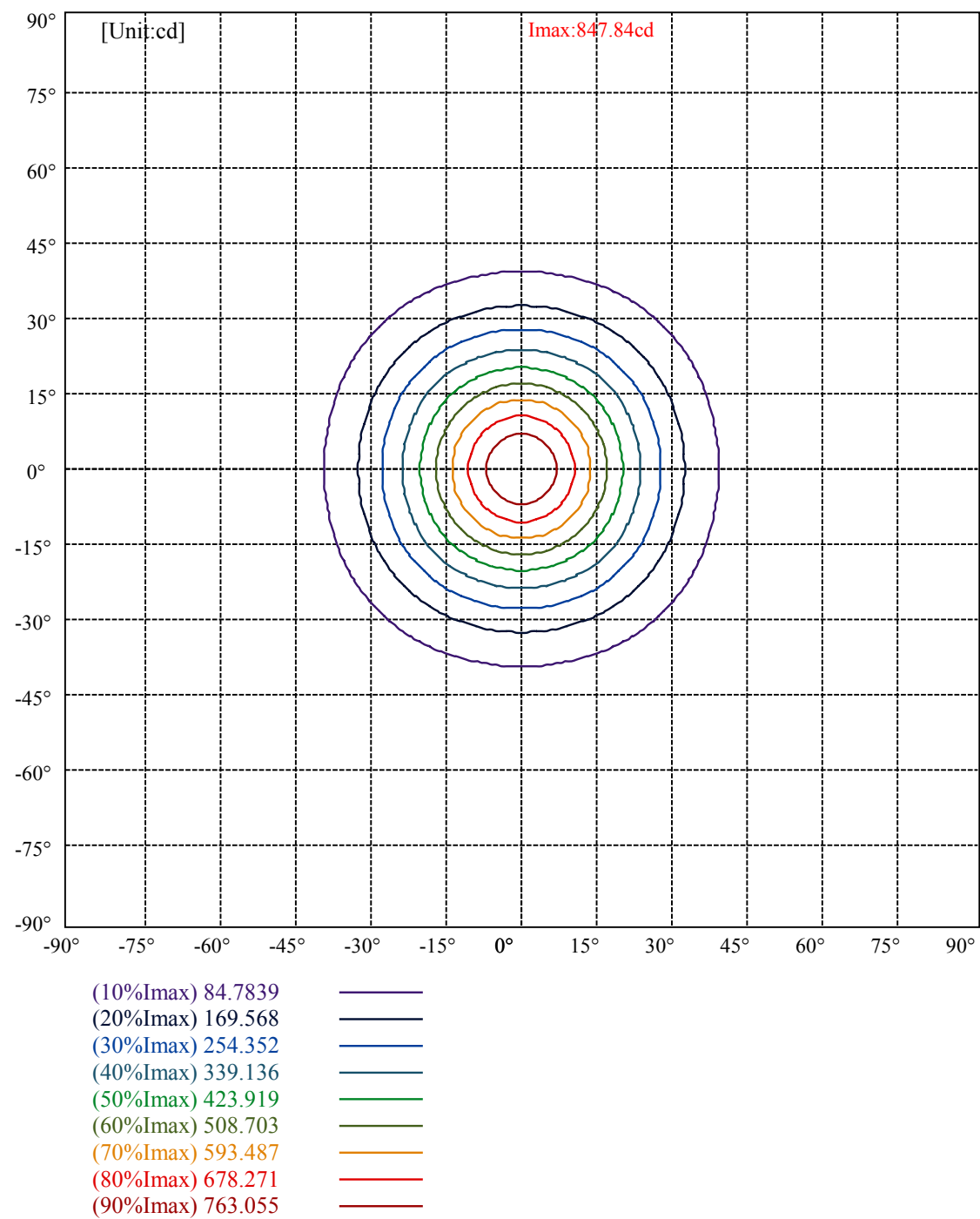
Operator: 01
Distance(m): 6.90



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



Max , Ave Beam angle of C0 plane 39.92



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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

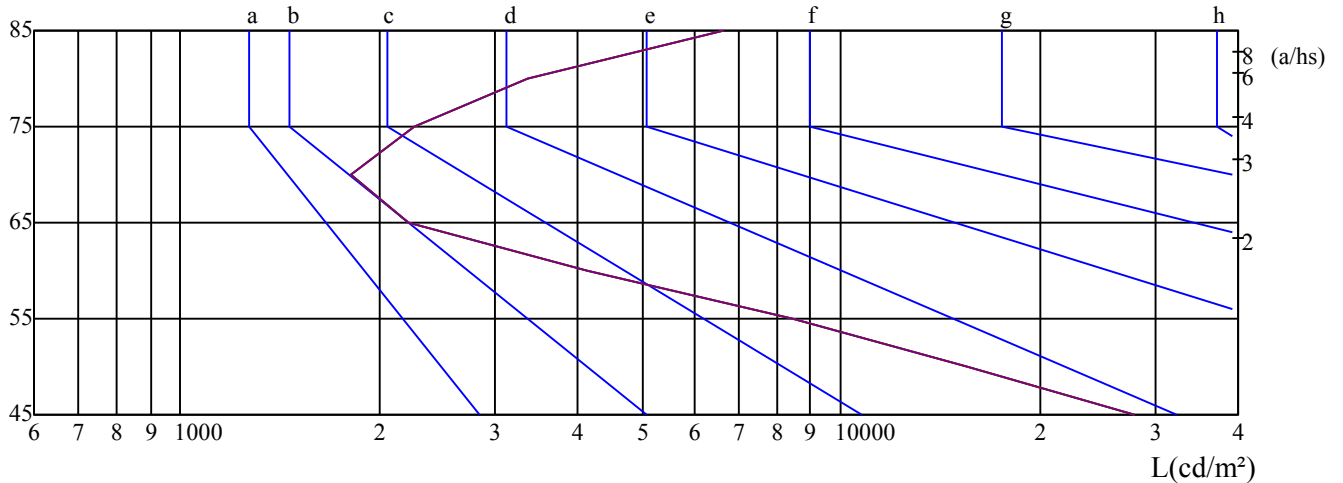
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2211	2211	2211	2253	2253	2253	6623	6623	6623

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 ———

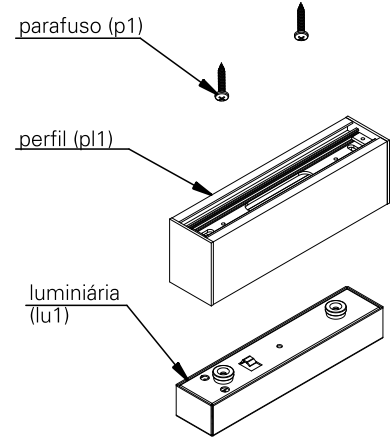
Equipment: equipamento lumini
Temperature($^{\circ}$ C): 25.5

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

Operator: 01
Distance(m): 6.90

concentra

- concentra 8 c
- concentra 17 c
- concentra 34 c
- concentra 50 c
- darklight 8 c
- darklight 17 c
- darklight 34 c
- darklight 50 c



especificações técnicas

fonte de luz
módulo led integrado (incluso)

índice de proteção
IP20 - luminária para uso interno

peso
concentra 8 c - 0,3 kg
concentra 17 c - 0,5 kg
concentra 34 c - 0,8 kg
concentra 50 c - 1,2 kg
darklight 8 c - 0,3 kg
darklight 17 c - 0,5 kg
darklight 34 c - 0,8 kg
darklight 50 c - 1,2 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 perfil
2 parafusos atarrachantes
2 buchas

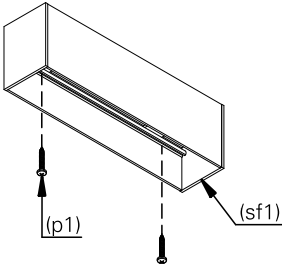
ferramentas necessárias
chave philips

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

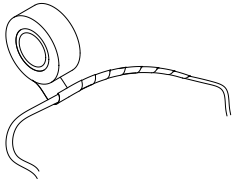
antes de iniciar a instalação, certifique-se que a energia elétrica esteja desligada.

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

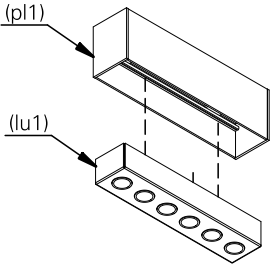
1. utilize o parafuso (p1) para fixar o perfil (pl1).



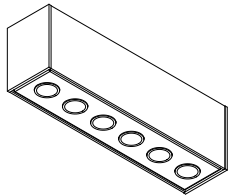
2. escolha o lado onde o fio de alimentação irá passar e faça a ligação elétrica. isole os fios separadamente com fita isolante. repita a operação envolvendo o conjunto dos fios, vedando completamente a emenda.



3. encaixe a luminária (lu1) no perfil (pl1) com ajuda de imãs.



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



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.