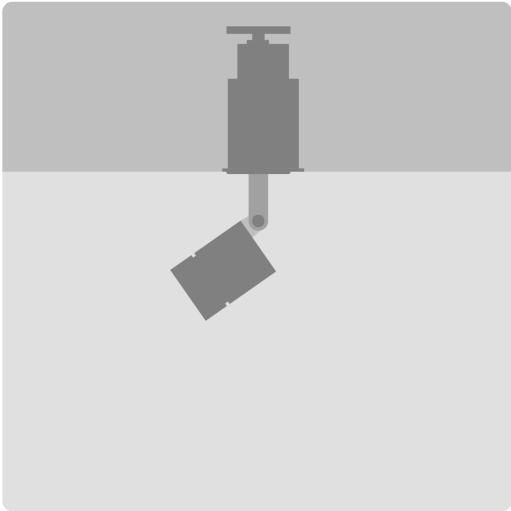




rocket xsm t3 tr

linha de projetores cilíndricos, com opção de fecho orientável, para tecnologia led. em alumínio tratado e pintado por processo eletrostático. visor em vidro temperado.

informações técnicas

fonte de luz
LED integrado

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

vida útil
25.000h

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

W		K	lm nominal	lm útil
5	m	2700	290	198
5	a	2700	290	192
9	m	2700	525	307
9	a	2700	525	304

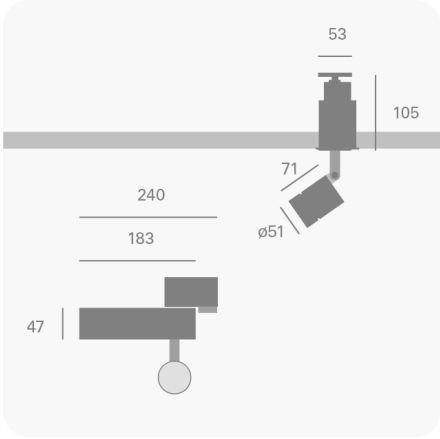
equipamentos
TR (driver integrado ao módulo LED)

controle
on/off

instalação
trilho

IP
20

dimensões



acabamentos e cores

cores

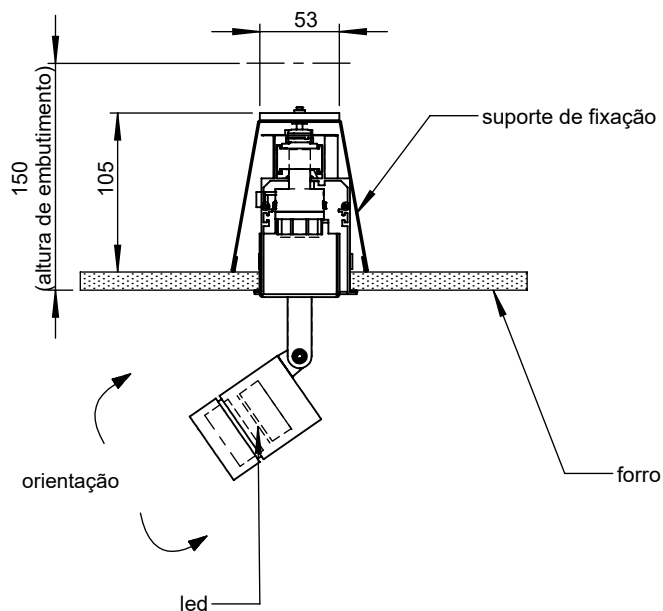
-  branco txt
-  grafite txt
-  cinza areia
-  cinza médio
-  corten
-  preto txt
-  titânio

vista lateral

dimensões em milímetros

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rocket xsm t3 tr



folha
1/1

escala
1:5

data
03/03/2023

desenhista
luciano garcia

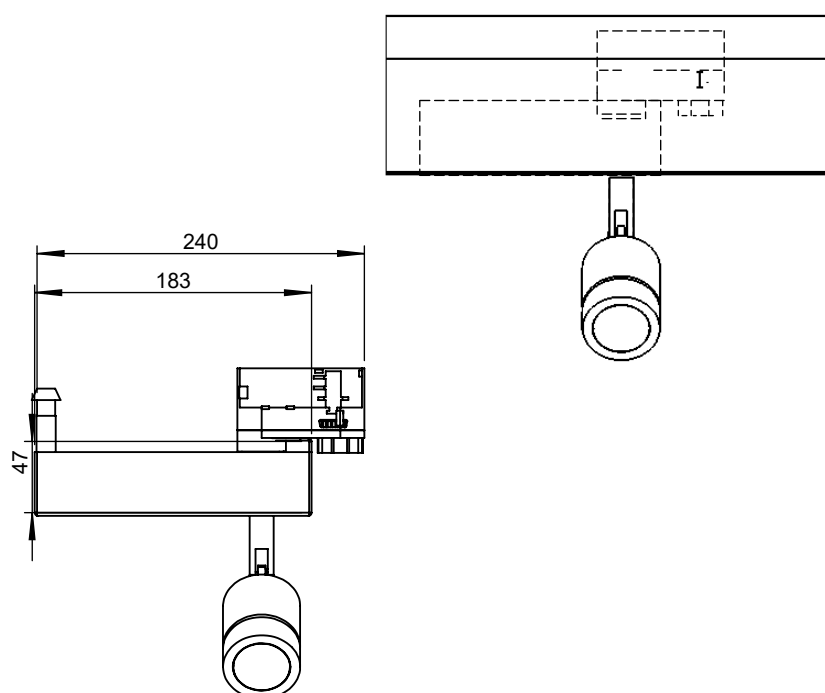
aprovação
edmilson

revisões
03/03/2023

vista inferior

dimensões em milímetros

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





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LumCAT:

Luminaire: rocket xsm t3 tr fa

LampCAT: modulo led tr 5W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0400

Number of Lamps: 1

Power (W): 4.7700

Lamp flux(lm): 290.0

PF: 0.9300

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 191.93, Efficiency(%): 66.18% , Luminous Efficacy(lm/W): 40.24

Central intensity(cd): 214.781, Maximum intensity(cd): 214.781

Angle of maximum intensity: C=0.0 γ =0.0

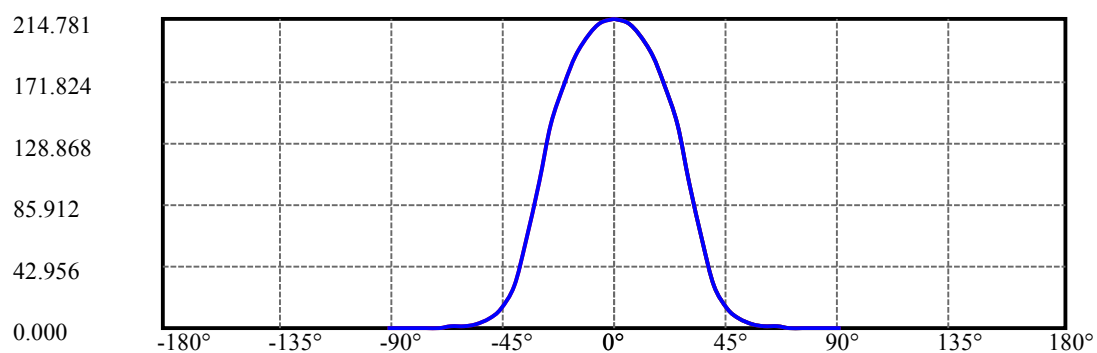
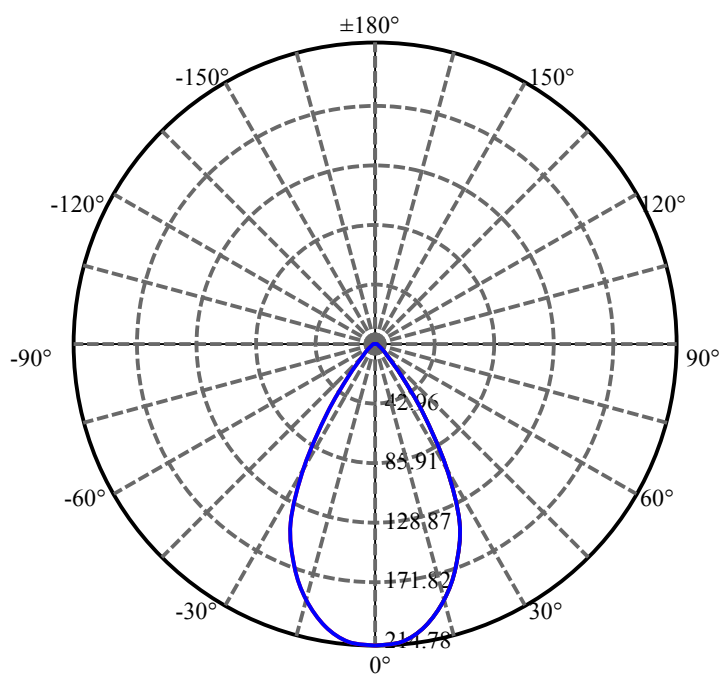
Beam angle of C0 plane : 58.51

Aveage BeamAngle(IEC 61341):58.51

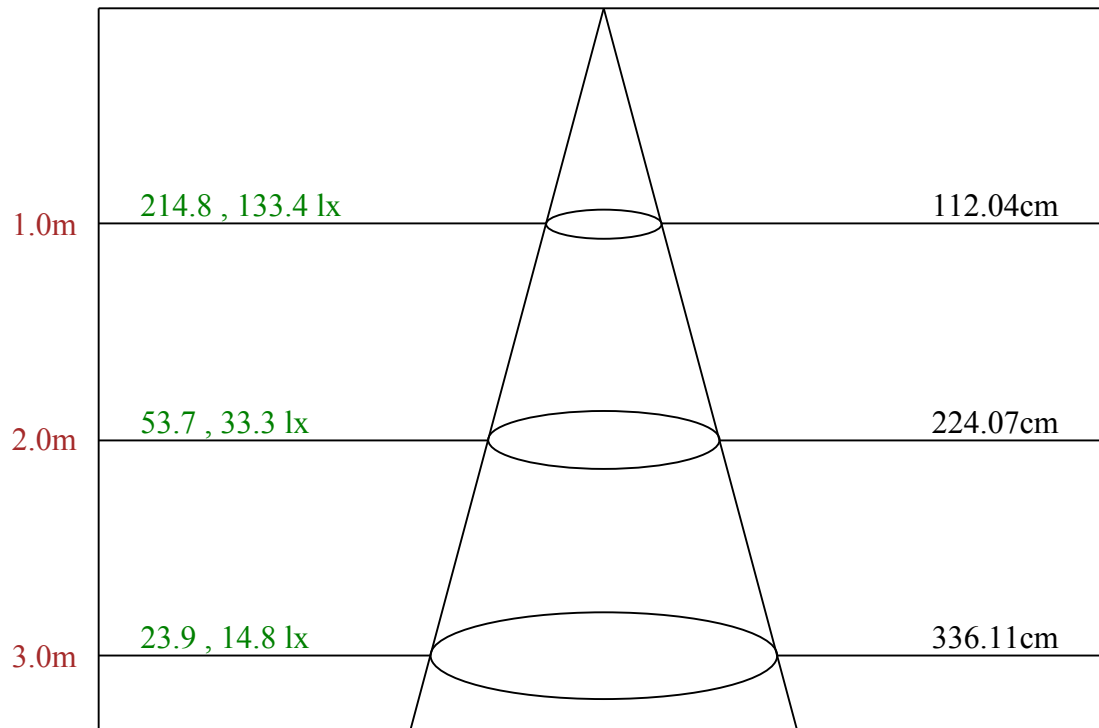
Equipment: equipamento lumini
Temperature(°C): 25.0

Date: 11/29/2023
Humidity(%): 55.0%

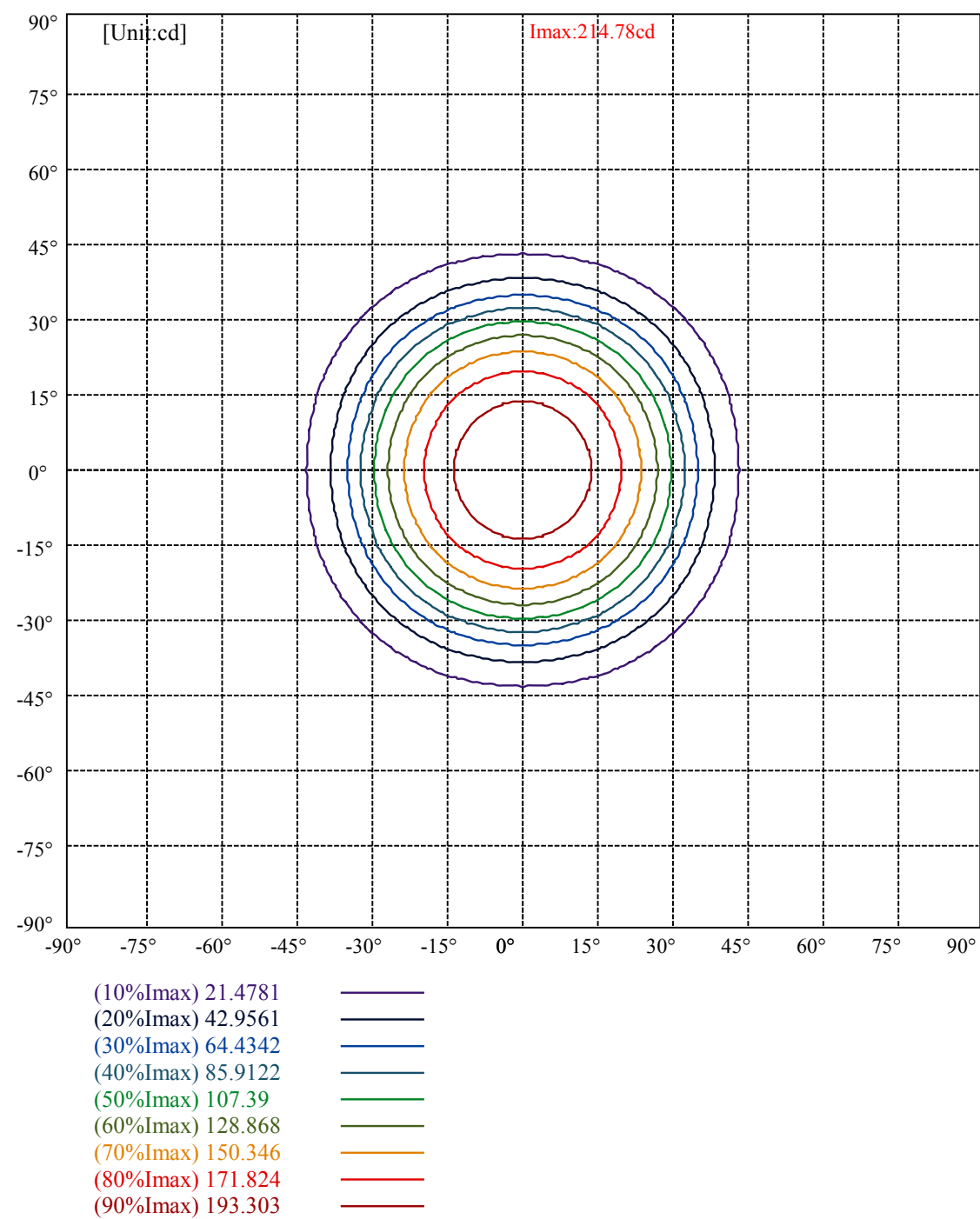
Operator: 01
Distance(m): 6.90



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



Max , Ave Beam angle of C0 plane 58.51



Luminance Table

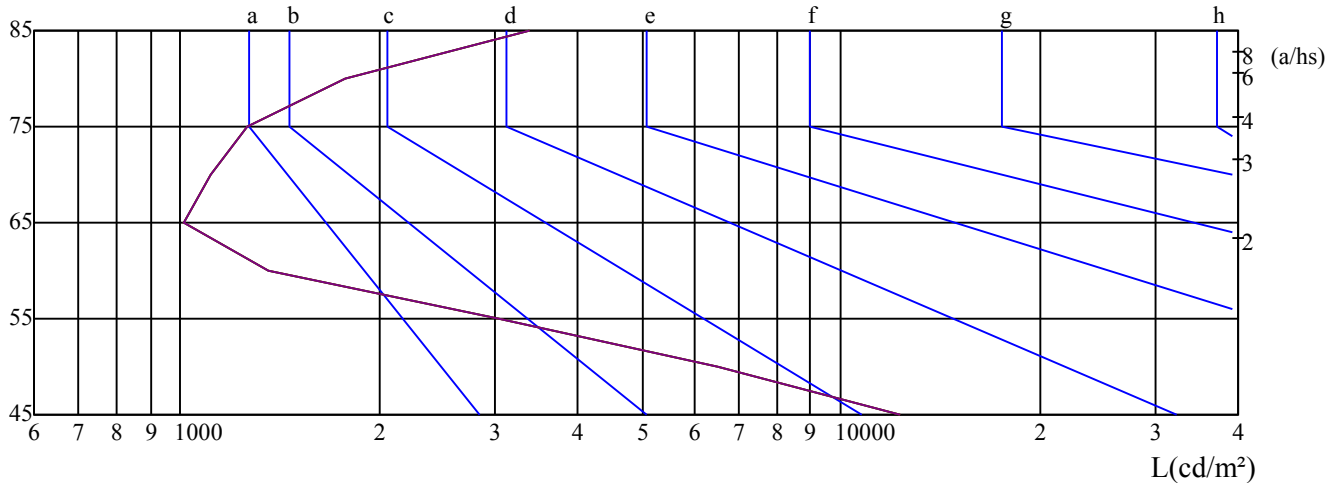
γ	45	50	55	60	65	70	75	80	85
C0	12314	6533	3035	1361	1012	1109	1265	1778	3371
C45	12314	6533	3035	1361	1012	1109	1265	1778	3371
C90	12314	6533	3035	1361	1012	1109	1265	1778	3371

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1012	1012	1012	1265	1265	1265	3371	3371	3371

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	19.82	20.82	20.18	21.13	21.45	19.62	20.62	19.98	20.93	21.25
	3H	19.63	20.52	20.02	20.86	21.20	19.43	20.32	19.82	20.65	21.00
	4H	19.54	20.36	19.94	20.72	21.08	19.34	20.16	19.74	20.52	20.88
	6H	19.47	20.22	19.89	20.60	21.00	19.27	20.02	19.69	20.40	20.80
	8H	19.41	20.13	19.83	20.51	20.92	19.22	19.93	19.64	20.32	20.72
	12H	19.37	20.05	19.79	20.44	20.86	19.17	19.85	19.60	20.25	20.66
4H	2H	19.54	20.36	19.94	20.72	21.08	19.34	20.16	19.74	20.52	20.88
	3H	19.32	20.00	19.75	20.40	20.82	19.12	19.81	19.55	20.20	20.62
	4H	19.27	19.86	19.71	20.28	20.73	19.07	19.66	19.51	20.08	20.53
	6H	19.16	19.68	19.63	20.13	20.59	18.97	19.49	19.44	19.94	20.39
	8H	19.13	19.61	19.62	20.07	20.55	18.94	19.42	19.43	19.88	20.35
	12H	19.13	19.58	19.62	20.03	20.55	18.94	19.39	19.43	19.84	20.36
8H	4H	19.08	19.56	19.56	20.02	20.49	18.88	19.36	19.37	19.82	20.30
	6H	18.98	19.37	19.48	19.85	20.37	18.79	19.18	19.29	19.66	20.17
	8H	19.01	19.35	19.55	19.87	20.37	18.83	19.16	19.36	19.68	20.18
	12H	19.04	19.31	19.59	19.82	20.34	18.86	19.12	19.40	19.64	20.16
12H	4H	19.03	19.47	19.52	19.93	20.45	18.83	19.28	19.32	19.73	20.25
	6H	18.97	19.31	19.51	19.83	20.33	18.78	19.12	19.32	19.64	20.14
	8H	18.98	19.24	19.52	19.76	20.28	18.79	19.06	19.34	19.57	20.09
Variation with the observer position at spacings:											
S = 1.0H		4.5/-8.7					4.5/-8.7				
S = 1.5H		7.1/-10.0					7.1/-10.0				
S = 2.0H		9.0/-8.9					9.0/-8.9				
Standard tables:		BK0					BK0				
Uncorrected UGR		-1.3					-1.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: rocket xsm t3 tr fm

LampCAT: modulo led tr 5W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0400

Number of Lamps: 1

Power (W): 4.7700

Lamp flux(lm): 290.0

PF: 0.9300

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 198.13, Efficiency(%): 68.32% , Luminous Efficacy(lm/W): 41.54

Central intensity(cd): 684.358, Maximum intensity(cd): 684.358

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

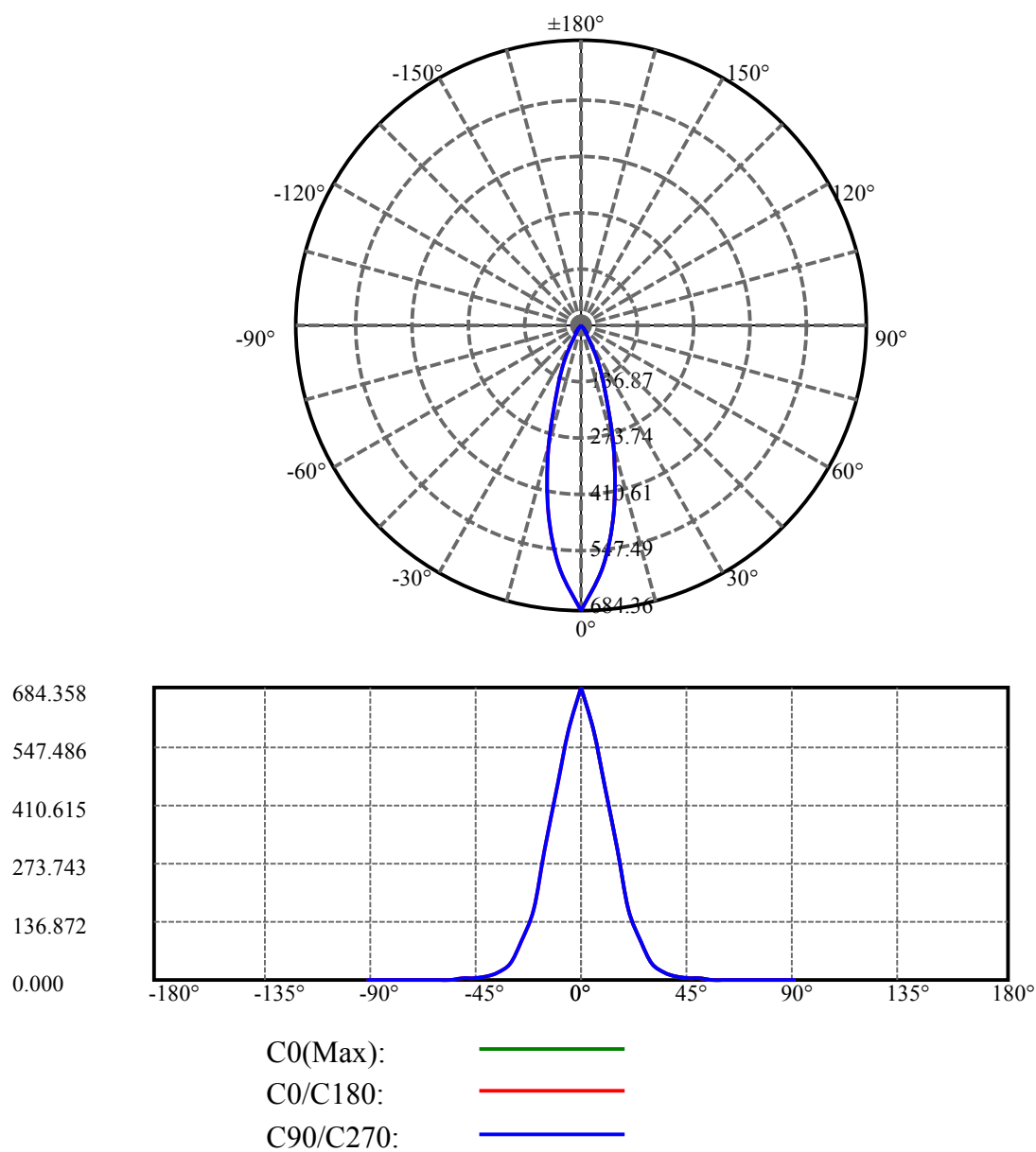
Beam angle of C0 plane : 27.54

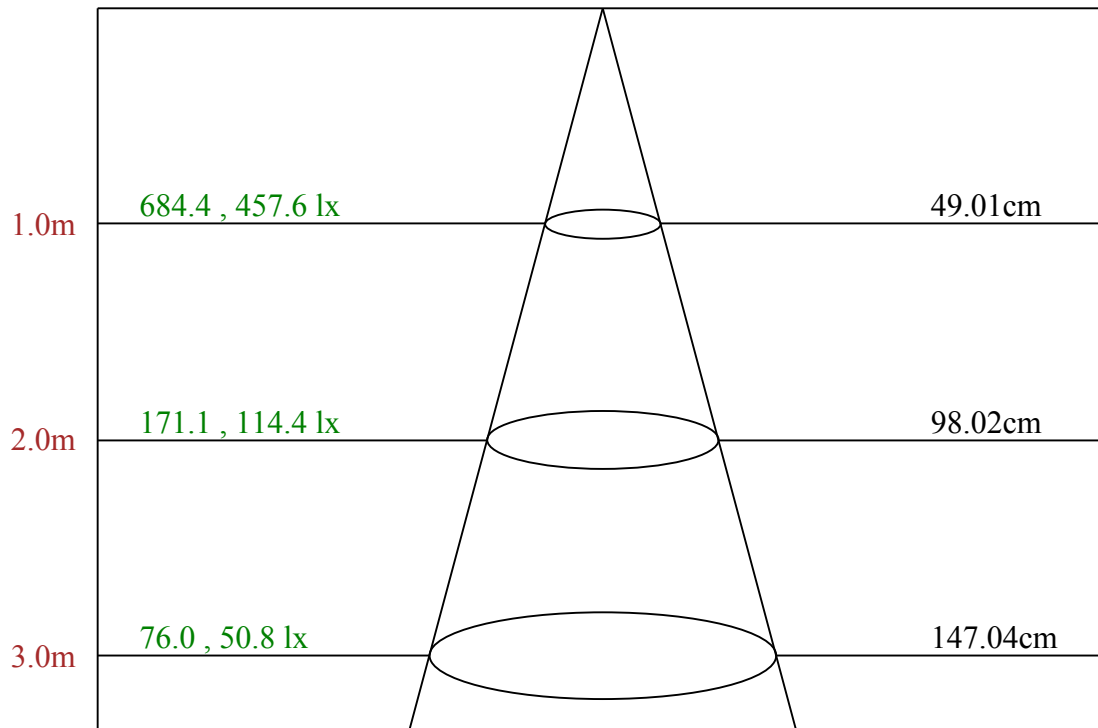
Average BeamAngle(IEC 61341): 27.54

Equipment: equipamento lumini
Temperature(°C): 25.0

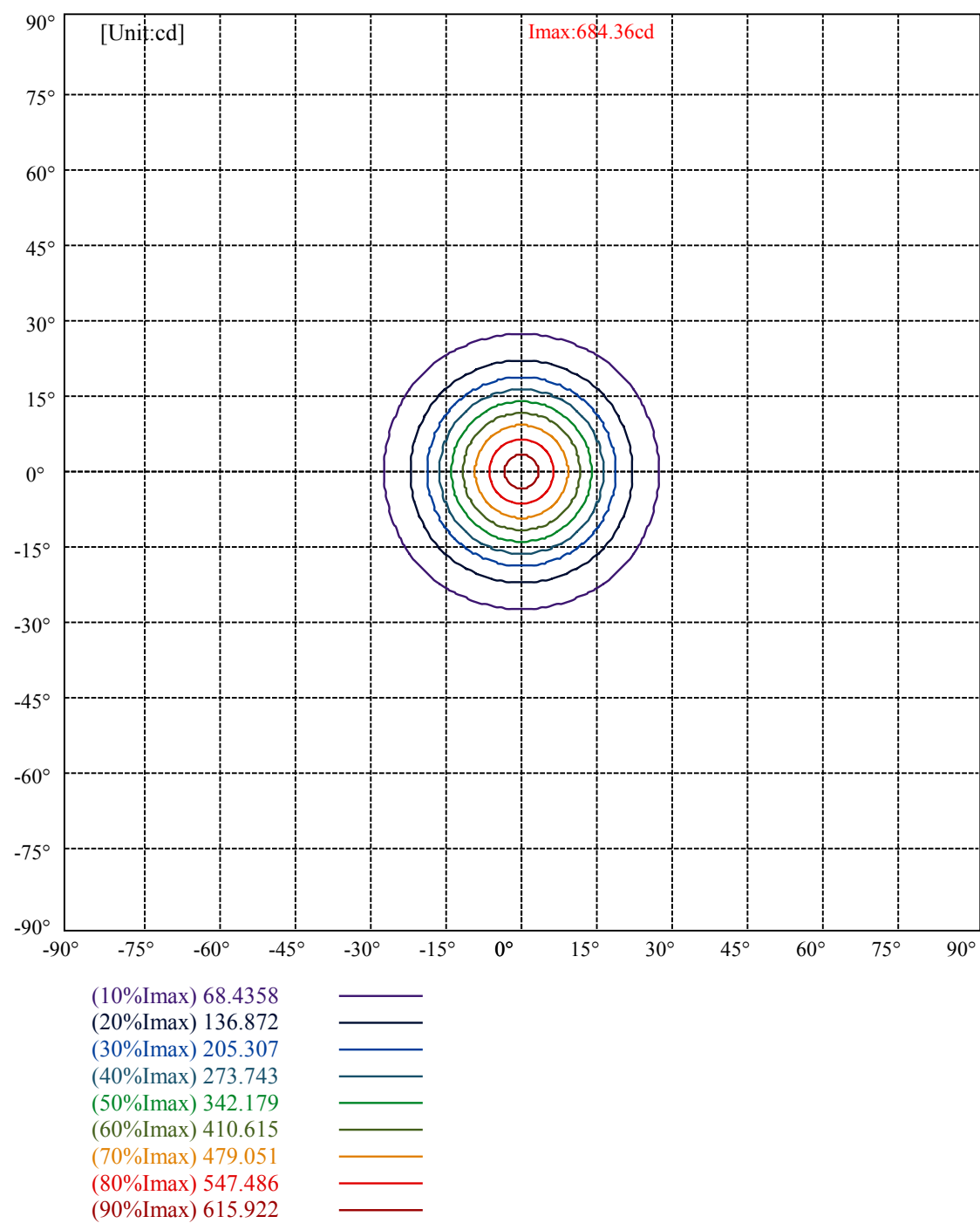
Date: 11/29/2023
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 27.54



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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	3751	2442	1654	1257	1135	1251	1495	2099	3926
C45	3751	2442	1654	1257	1135	1251	1495	2099	3926
C90	3751	2442	1654	1257	1135	1251	1495	2099	3926

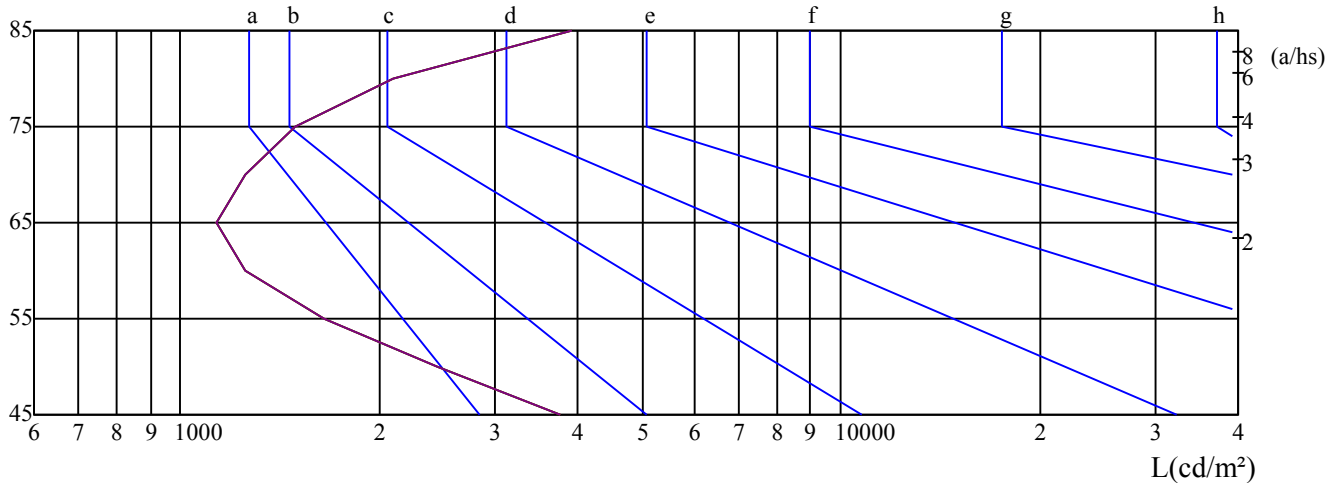
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1135	1135	1135	1495	1495	1495	3926	3926	3926

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($^{\circ}\text{C}$): 25.0

Date: 11/29/2023
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	12.39	13.32	12.75	13.63	13.95	12.16	13.10	12.53	13.41	13.72
	3H	12.33	13.16	12.72	13.50	13.84	12.11	12.94	12.50	13.27	13.62
	4H	12.37	13.13	12.77	13.48	13.85	12.15	12.91	12.55	13.27	13.64
	6H	12.50	13.19	12.91	13.57	13.97	12.29	12.99	12.71	13.37	13.77
	8H	12.59	13.26	13.02	13.65	14.05	12.40	13.07	12.82	13.45	13.86
	12H	12.78	13.41	13.21	13.81	14.23	12.61	13.24	13.03	13.63	14.05
4H	2H	12.16	12.93	12.57	13.28	13.65	11.95	12.71	12.35	13.07	13.44
	3H	12.15	12.79	12.57	13.18	13.60	11.93	12.57	12.36	12.97	13.39
	4H	12.29	12.85	12.73	13.27	13.72	12.09	12.65	12.53	13.07	13.52
	6H	12.52	13.01	13.00	13.46	13.92	12.34	12.83	12.82	13.28	13.74
	8H	12.75	13.20	13.24	13.66	14.14	12.59	13.04	13.07	13.50	13.97
	12H	13.13	13.54	13.62	14.00	14.52	12.98	13.40	13.47	13.85	14.37
8H	4H	12.24	12.69	12.72	13.15	13.62	12.04	12.50	12.53	12.96	13.43
	6H	12.63	13.00	13.13	13.48	13.99	12.46	12.83	12.97	13.31	13.82
	8H	13.05	13.36	13.58	13.88	14.38	12.91	13.21	13.44	13.74	14.23
	12H	13.64	13.87	14.18	14.39	14.91	13.52	13.75	14.06	14.27	14.79
12H	4H	12.23	12.65	12.72	13.10	13.62	12.04	12.46	12.53	12.91	13.43
	6H	12.73	13.03	13.26	13.56	14.06	12.57	12.88	13.10	13.40	13.90
	8H	13.19	13.42	13.74	13.94	14.47	13.05	13.29	13.60	13.81	14.33
Variation with the observer position at spacings:											
S = 1.0H		4.1/-3.7					4.1/-3.7				
S = 1.5H		5.8/-3.1					5.8/-3.1				
S = 2.0H		7.0/-2.6					7.0/-2.6				
Standard tables:		BK3					BK3				
Uncorrected UGR		-6.6					-6.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: rocket xsm t3 tr fa

LampCAT: modulo led tr 9W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0750

Number of Lamps: 0

Power (W): 9.0000

Lamp flux(lm): 525.0

PF: 0.9300

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 304.05, Efficiency(%): 0.00% , Luminous Efficacy(lm/W): 33.78

Central intensity(cd): 260.939, Maximum intensity(cd): 269.032

Angle of maximum intensity: C=0.0 γ =10.0

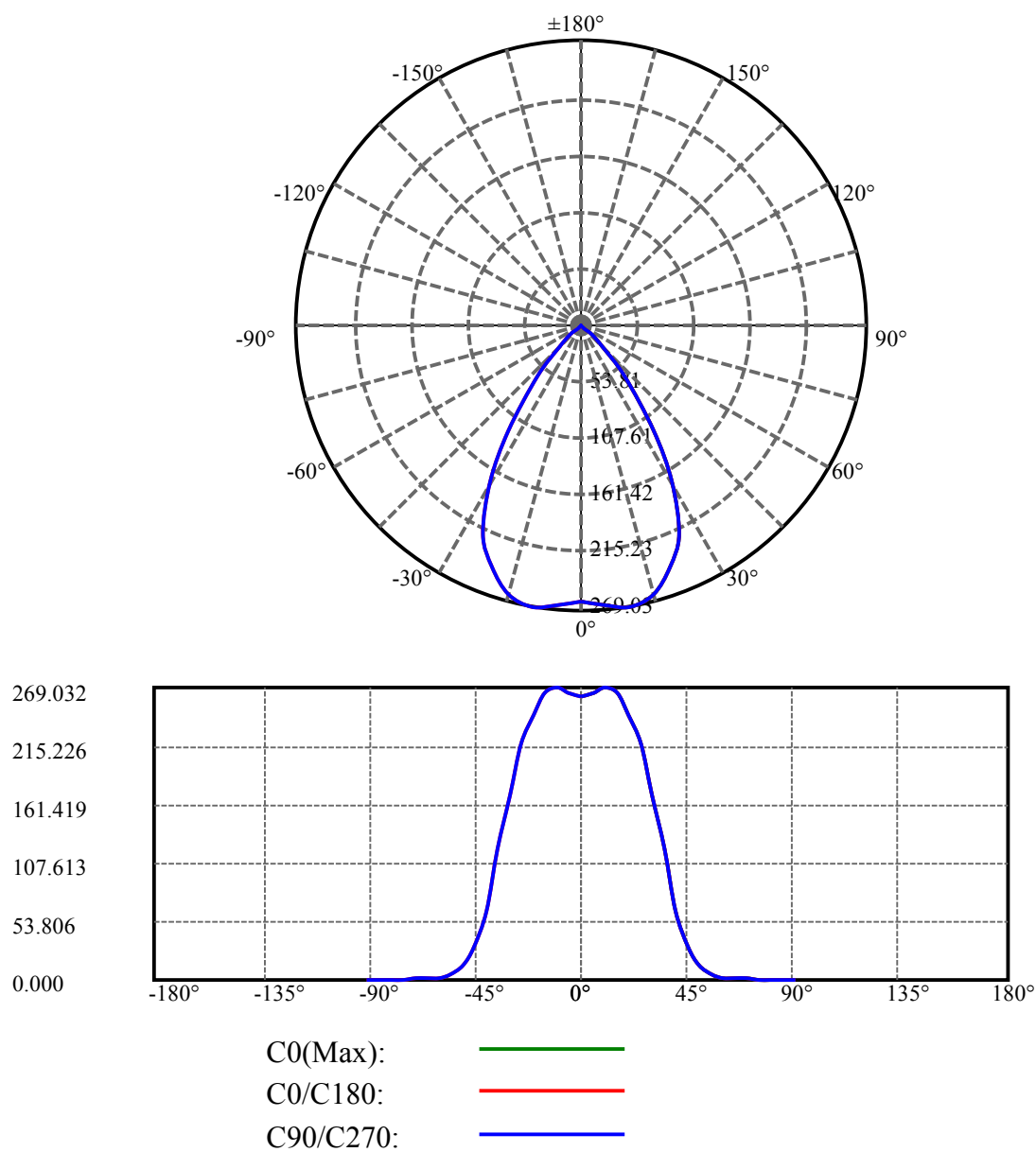
Beam angle of C0 plane : 67.64

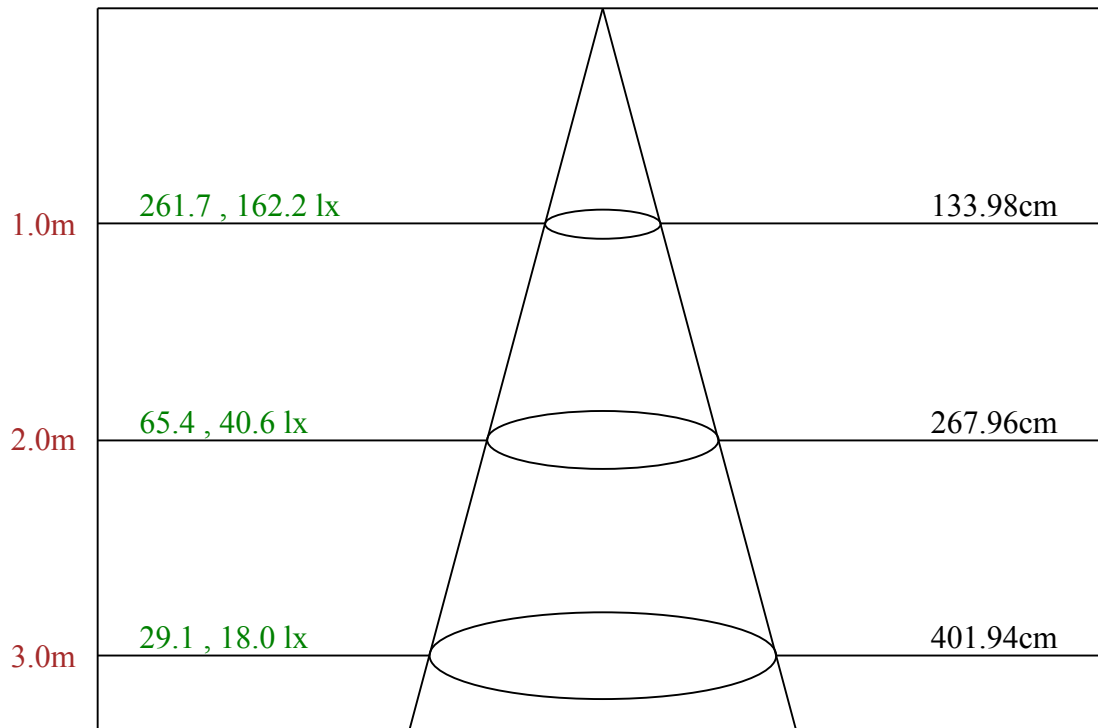
Aveage BeamAngle(IEC 61341):67.64

Equipment: equipamento lumini
Temperature(°C): 25.0

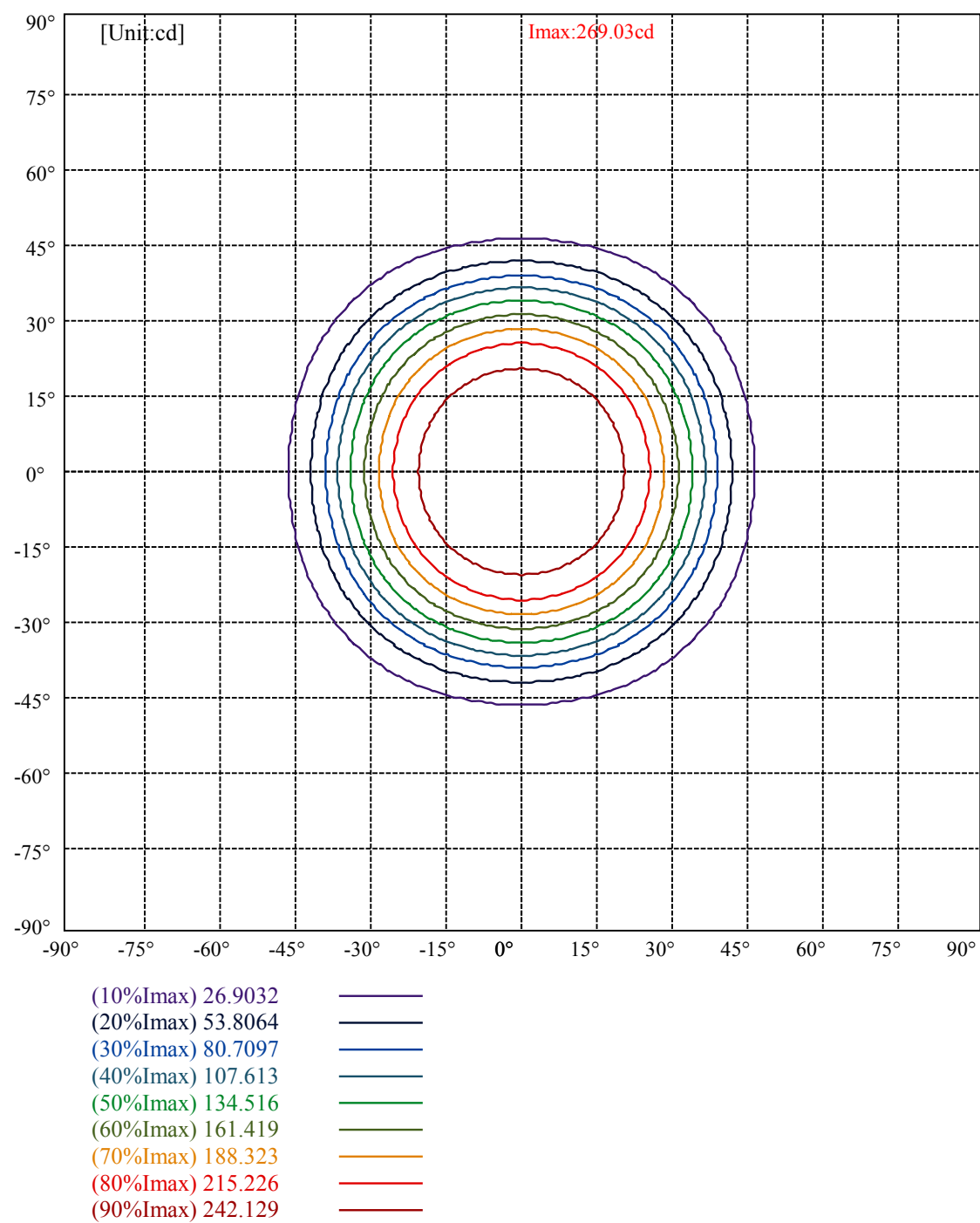
Date: 11/29/2023
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 67.64



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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	25922	13726	5227	2522	1813	1849	2012	2570	4780
C45	25922	13726	5227	2522	1813	1849	2012	2570	4780
C90	25922	13726	5227	2522	1813	1849	2012	2570	4780

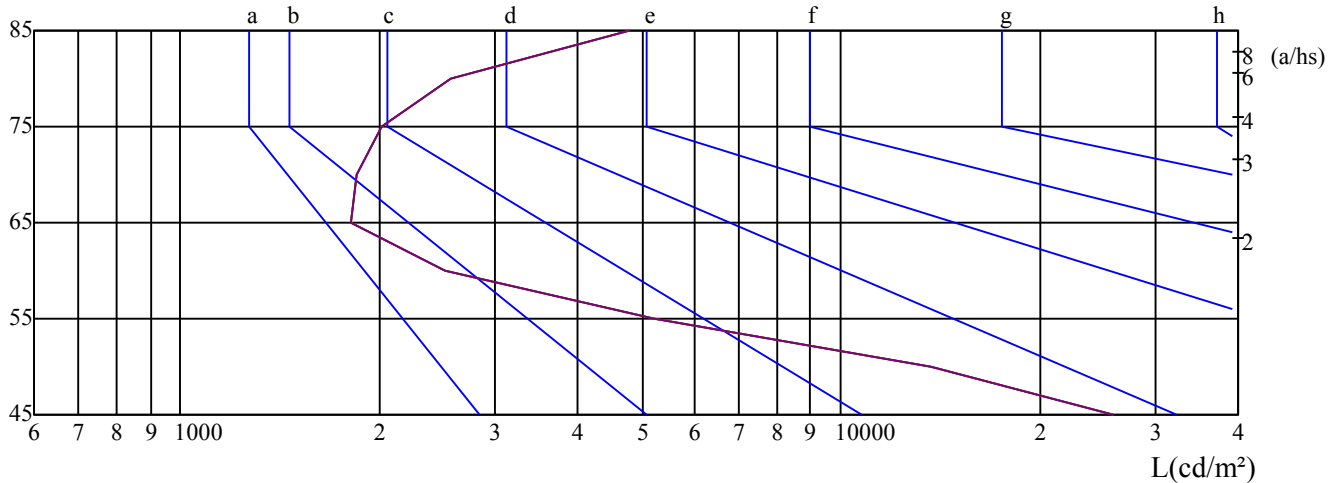
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1813	1813	1813	2012	2012	2012	4780	4780	4780

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): 25.0

Date: 11/29/2023
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	21.54	22.57	21.90	22.88	23.20	21.63	22.67	22.00	22.98	23.30
	3H	21.35	22.27	21.74	22.61	22.95	21.45	22.37	21.84	22.70	23.05
	4H	21.26	22.11	21.66	22.47	22.83	21.36	22.21	21.76	22.56	22.93
	6H	21.20	21.97	21.61	22.35	22.74	21.29	22.07	21.71	22.44	22.84
	8H	21.13	21.87	21.55	22.26	22.67	21.23	21.97	21.65	22.36	22.76
	12H	21.08	21.78	21.51	22.18	22.60	21.18	21.88	21.61	22.28	22.69
4H	2H	21.26	22.11	21.66	22.46	22.83	21.36	22.21	21.76	22.56	22.93
	3H	21.05	21.75	21.48	22.15	22.57	21.15	21.85	21.57	22.24	22.66
	4H	21.00	21.60	21.43	22.03	22.47	21.09	21.70	21.53	22.12	22.57
	6H	20.89	21.42	21.36	21.87	22.33	20.98	21.52	21.46	21.97	22.42
	8H	20.85	21.35	21.34	21.81	22.28	20.95	21.44	21.43	21.90	22.38
	12H	20.84	21.30	21.33	21.75	22.27	20.93	21.39	21.42	21.84	22.36
8H	4H	20.81	21.30	21.29	21.76	22.24	20.90	21.40	21.39	21.86	22.33
	6H	20.70	21.11	21.20	21.59	22.10	20.79	21.20	21.30	21.68	22.19
	8H	20.72	21.07	21.25	21.59	22.09	20.82	21.16	21.35	21.69	22.18
	12H	20.73	21.01	21.27	21.52	22.04	20.83	21.10	21.37	21.62	22.14
12H	4H	20.76	21.22	21.25	21.67	22.19	20.85	21.31	21.34	21.76	22.28
	6H	20.69	21.04	21.22	21.56	22.06	20.79	21.13	21.32	21.65	22.15
	8H	20.69	20.96	21.23	21.47	22.00	20.78	21.05	21.32	21.57	22.09
Variation with the observer position at spacings:											
S = 1.0H		4.0/-9.6					4.0/-9.6				
S = 1.5H		6.6/-11.2					6.6/-11.2				
S = 2.0H		8.6/-10.4					8.6/-10.4				
Standard tables:		BK0					BK0				
Uncorrected UGR		1.6					1.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25



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LumCAT:

Luminaire: rocket xsm t3 tr fm

LampCAT: modulo led tr 9W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0750

Number of Lamps: 1

Power (W): 9.0000

Lamp flux(lm): 525.0

PF: 0.9300

Length(mm): 40

Width(mm): 40

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 306.75, Efficiency(%): 58.43% , Luminous Efficacy(lm/W): 34.08

Central intensity(cd): 618.394, Maximum intensity(cd): 618.394

Angle of maximum intensity: C=0.0 γ =0.0

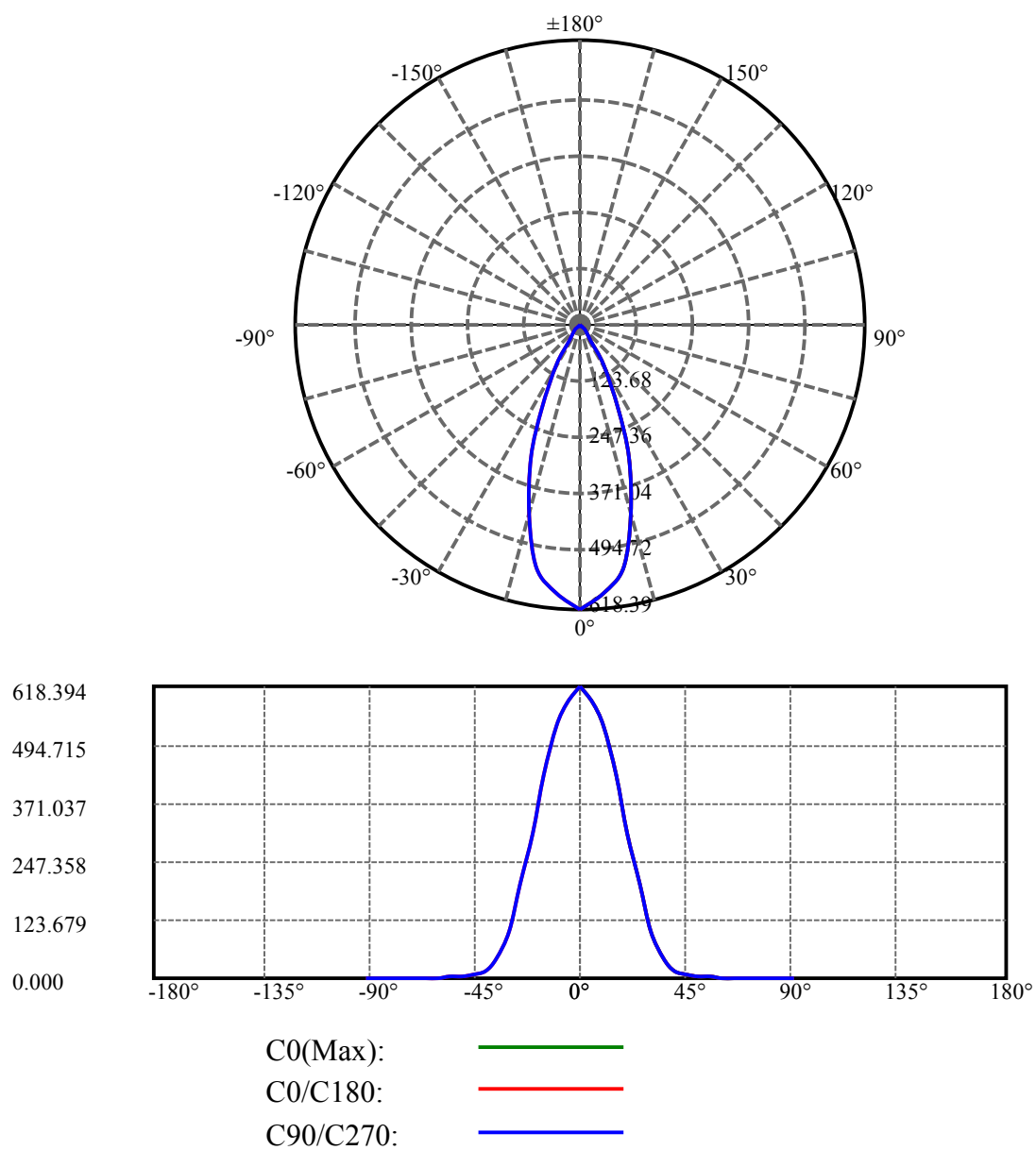
Beam angle of C0 plane : 39.83

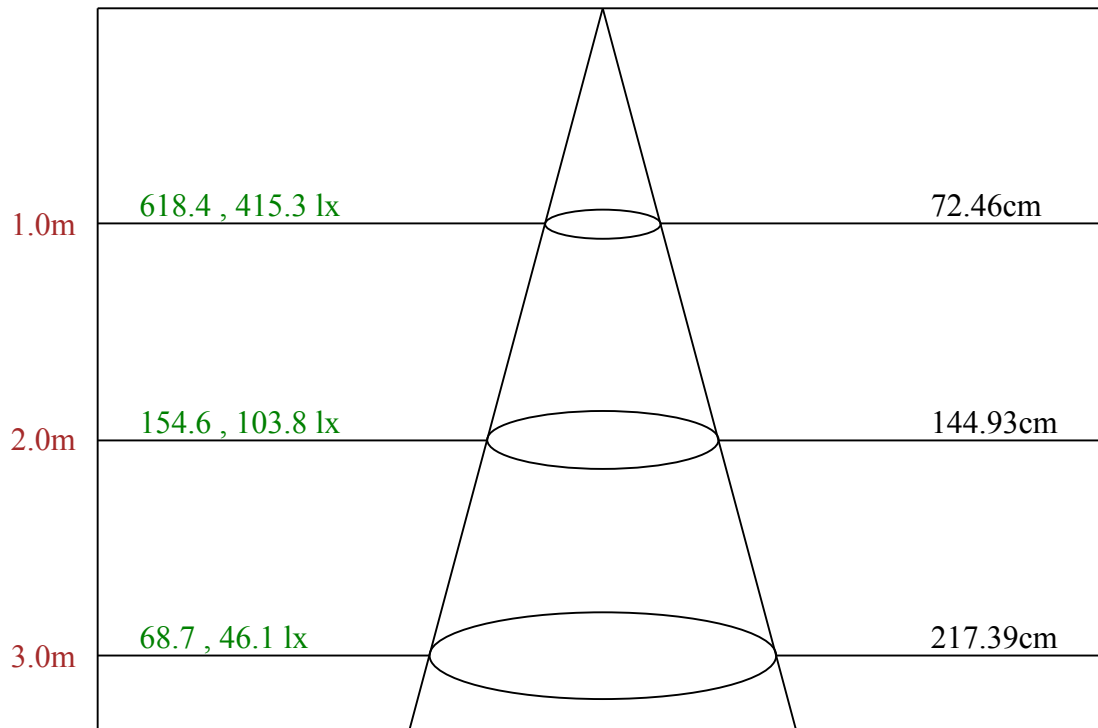
Aveage BeamAngle(IEC 61341):39.83

Equipment: equipamento lumini
Temperature(°C): 25.0

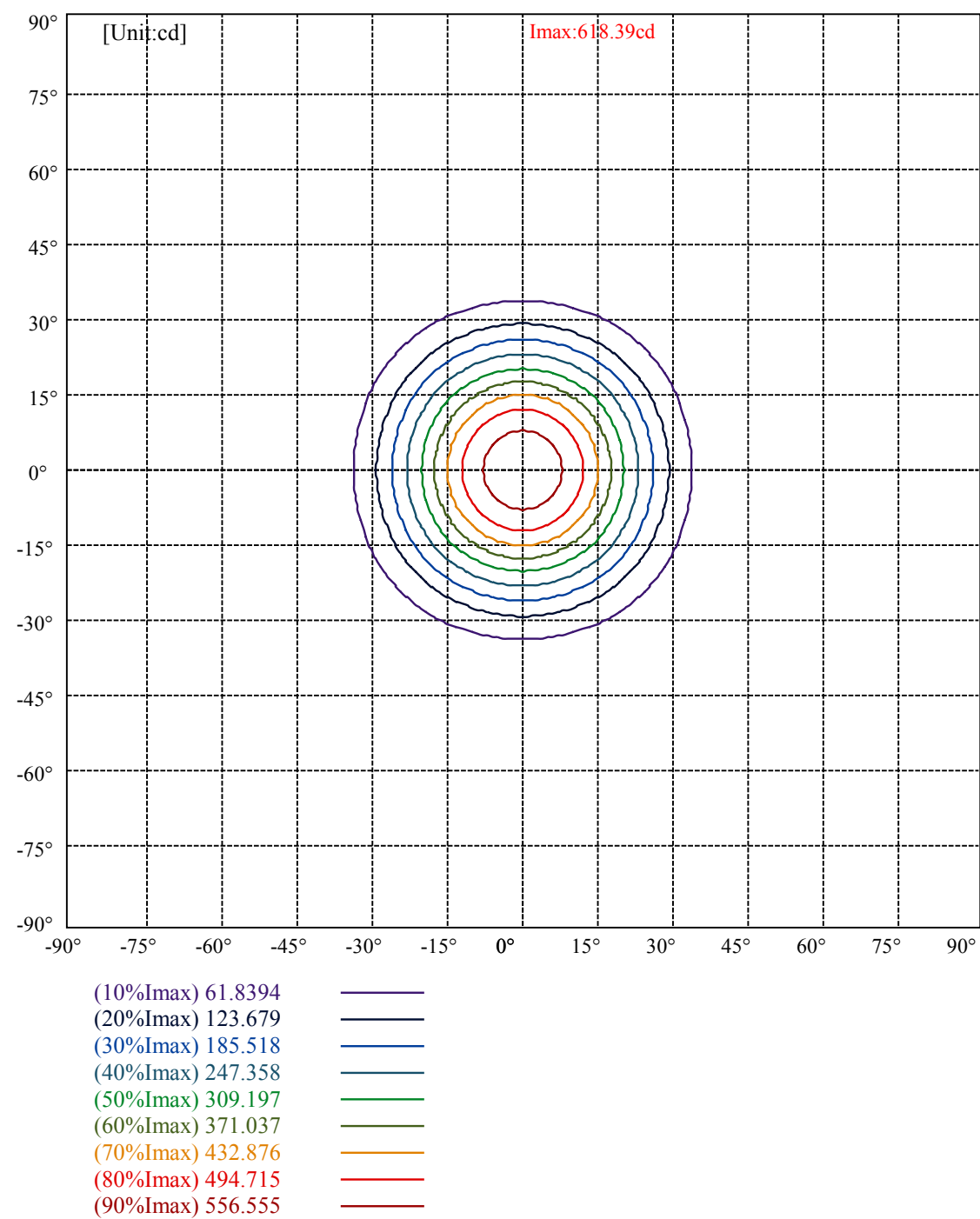
Date: 11/29/2023
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 39.83



lumini

Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

Luminance Table

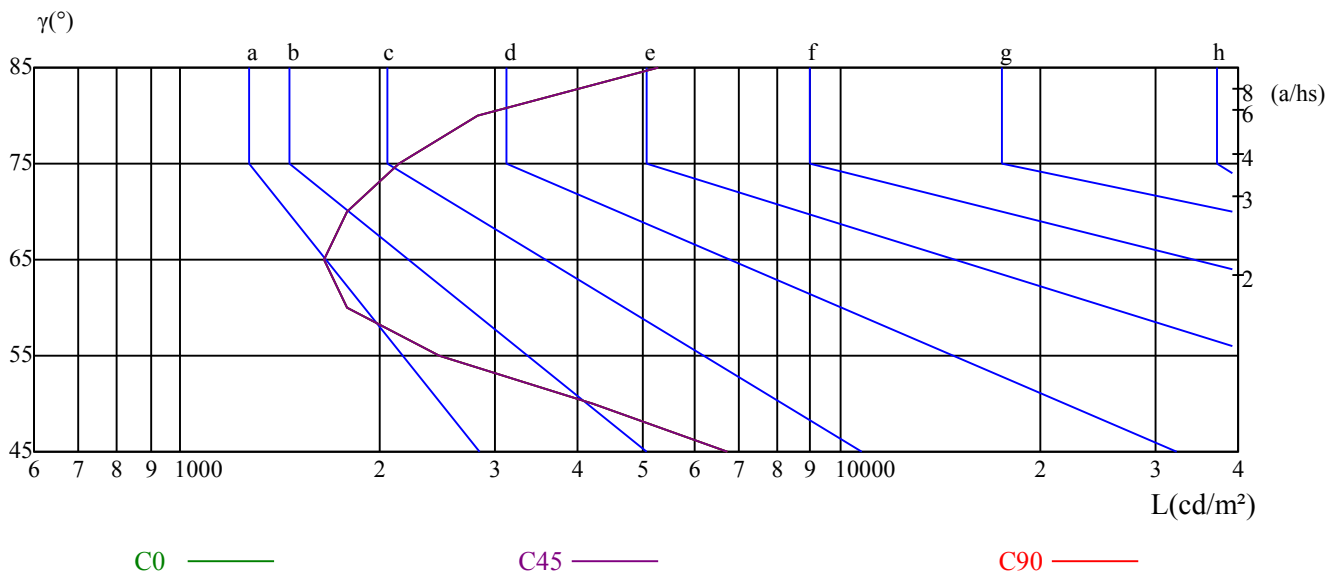
γ	45	50	55	60	65	70	75	80	85
C0	6728	4201	2471	1785	1655	1784	2141	2827	5292
C45	6728	4201	2471	1785	1655	1784	2141	2827	5292
C90	6728	4201	2471	1785	1655	1784	2141	2827	5292

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1655	1655	1655	2141	2141	2141	5292	5292	5292

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): 25.0

Date: 11/29/2023
Humidity(%): 55.0%

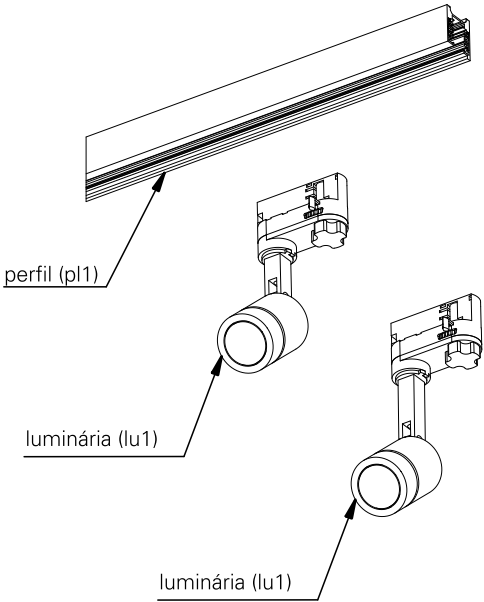
Operator: 01
Distance(m): 6.90

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	15.54	16.48	15.91	16.79	17.11	14.90	15.84	15.26	16.15	16.46
	3H	15.40	16.23	15.79	16.57	16.92	14.79	15.62	15.18	15.96	16.31
	4H	15.36	16.13	15.77	16.49	16.86	14.77	15.54	15.17	15.89	16.26
	6H	15.39	16.09	15.81	16.47	16.87	14.82	15.52	15.24	15.89	16.29
	8H	15.40	16.07	15.82	16.46	16.86	14.85	15.52	15.28	15.91	16.32
	12H	15.46	16.09	15.88	16.48	16.90	14.96	15.59	15.39	15.99	16.41
4H	2H	15.26	16.03	15.67	16.39	16.75	14.63	15.40	15.03	15.75	16.12
	3H	15.12	15.77	15.55	16.16	16.58	14.53	15.18	14.96	15.57	15.99
	4H	15.16	15.71	15.60	16.14	16.59	14.60	15.15	15.03	15.57	16.02
	6H	15.21	15.70	15.69	16.16	16.61	14.68	15.17	15.16	15.63	16.08
	8H	15.31	15.76	15.80	16.22	16.70	14.82	15.27	15.31	15.73	16.21
	12H	15.48	15.90	15.97	16.35	16.87	15.07	15.49	15.57	15.94	16.47
8H	4H	15.03	15.48	15.51	15.94	16.41	14.48	14.93	14.96	15.39	15.86
	6H	15.16	15.53	15.67	16.01	16.52	14.66	15.03	15.17	15.51	16.02
	8H	15.39	15.70	15.93	16.22	16.72	14.95	15.25	15.48	15.78	16.28
	12H	15.71	15.94	16.25	16.46	16.98	15.38	15.61	15.92	16.13	16.65
12H	4H	15.00	15.41	15.49	15.87	16.39	14.45	14.86	14.94	15.32	15.84
	6H	15.20	15.51	15.74	16.03	16.53	14.71	15.02	15.25	15.54	16.04
	8H	15.45	15.68	15.99	16.20	16.72	15.02	15.25	15.56	15.77	16.30
Variation with the observer position at spacings:											
S = 1.0H		5.2/-6.4					5.2/-6.4				
S = 1.5H		7.6/-5.5					7.6/-5.5				
S = 2.0H		9.1/-4.6					9.1/-4.6				
Standard tables:		BK2					BK2				
Uncorrected UGR		-3.7					-3.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25

rocket

rocket xsm t3 tr
rocket xsm sup. track



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.

especificações técnicas

fonte de luz
módulo led integrado (incluso)

índice de proteção
IP20 - luminária para uso interno

peso
rocket xsm t3 tr - 0,3 kg
rocket xsm sup. track - 0,3 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

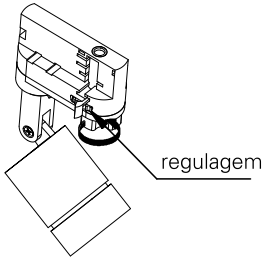
informações importantes
para a instalação, lave as mãos e seque as mãos, use luvas descartáveis.

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

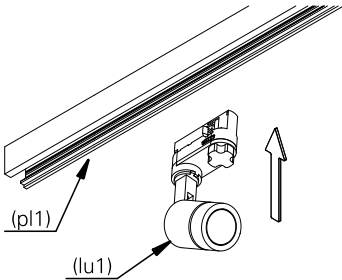
retire a luminária da embalagem com cuidado e apoie-o em uma superfície limpa e seca.

instalação passo a passo

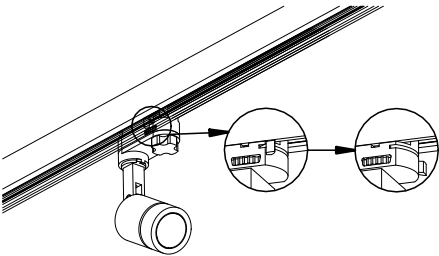
1. regular o circuito conforme o projeto.



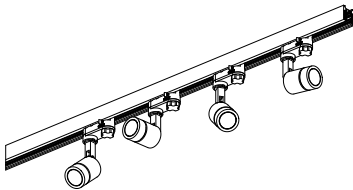
2. encaixe a luminária (lu1) no perfil (pl1).



3. trave a luminária no perfil.



4. para orientar o fecho de luz, mova a luminária (lu1) para os lados conforme indicado.



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

