



The ARRI-Guide

**for Ground Glasses, Frameglow-, Format Masks and Exposed Negative Areas
for ARRICAM, ARRIFLEX 535, 535B, 435 and ARRIFLEX 16SR 3 / Advanced Cameras**

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1. Contents

1.	Contents	2	DIN S35	Silent 1.33	27
2.	Glossary	4	DIN S35	2.35 off center	28
3.	35 mm	7	DIN S35	1.85	29
3.1	N35 – Ground Glass Template	7	DIN S35	2.35 + 1.85 common top	30
3.2	DIN S35 – Ground Glass Template	8	DIN S35	1.85 + TV 1.33 safe	31
3.3	ANSI S35 Ground Glass Template	9	DIN S35	2.35 centric	32
N35	1.37 (Academy)	10	DIN S35	TV 1.78 safe	33
N35	1.66	11	DIN S35	TV 1.33 safe	34
N35	1.85	12	ANSI S35	Silent 1.33	35
N35	Scope (Factor 2) 2.35	13	ANSI S35	TV 1.33 safe	36
N35	TV 1.33 safe (R 3.6 mm)	14	ANSI S35	TV 1.78 transmitted	37
N35	TV 1.33 safe (R 0.5 mm)	15	ANSI S35	TV 1.78 + 1.33 trans	38
N35	1.85 + 1.37	16	ANSI S35	TV 1.78 safe	39
N35	1.85 + 1.37 + TV 1.33 safe	17	ANSI S35	1.78 + 1.55 + 1.33 CGG	40
N35	1.66 + 1.37	18	ANSI S35	1.85	41
N35	1.66 + 1.37 + TV 1.33 safe	19	ANSI S35	2.35 + 1.85 + TV 1.33 Trans	42
N35	1.66 + TV 1.33 safe	20	ANSI S35	2.35 centric	43
N35	1.85 + TV 1.33 safe	21	ANSI S35	2.35 + 1.85 1/4 offset	44
N35	1.85 + 1.66	22	ANSI S35	2.35 + 1.85 centric	45
N35	TV 1.78 trans	23	ANSI S35	2.35 + 1.85 common top	46
N35	1.78 + 1.55 + 1.33 CGG	24	ANSI S35	3 P TV 1.78 + 1.33 Trans	47
N35	1.37 + TV 1.33 safe	25	Blank		48
N35	3P TV 1.33 safe/trans	26			

3.4	DIN N35 – Format Mask Template	49	4.	16 mm	72
3.5	DIN S35 – Format Mask Template	50	4.1	16 mm Ground Glass Template for ARRIFLEX 16SR 3 (and Advanced Models)	72
3.6	ANSI S35 – Format Mask Template	51	4.2	16 mm Ground Glass Drawings	73
3.7	35 mm Format Masks And Drawings Of The Correspondingly Exposed Negative Areas	52	1.37 - TV 1.33 (N16)	73	
1.37 (Academy) (N35)	52	TV 1.33 (N16)	74		
(2x) 2.35 (N35)	53	1.37 (N16)	75		
1.66 (N35)	54	1.66 (S16)	76		
1.85 (N35)	55	1.66 (S16) - TV 1.33	77		
1.78 (N35)	56	1.85 (S16)	78		
Universal (N35 + DIN S35)	57	TV 1.78 - TV 1.33 (S16)	79		
1.33 (Silent) (DIN S35)	58	TV 1.78 (S16)	80		
2.35 (DIN S35)	59	1.66/1.85 (S16) - TV 1.33/1.78	81		
1.85 (DIN S35)	60	4.3	N16 – Exposed Negative Area	82	
1.78 (DIN S35)	61	4.4	S16 – Exposed Negative Area	83	
1.66 (DIN S35)	62				
2.35 ASYM. (DIN S35)	63				
1.33 (ANSI S35)	64				
2.35 (ANSI S35)	65				
1.85 (ANSI S35)	66				
1.78 (ANSI S35)	67				
1.85 ASYM (ANSI S35)	68				
3.8	35 mm 3 Perf Movement – Exposed Negative Area	69			
N35 / DIN S35 – 3 perforation aperture for ARRIFLEX 435 /535/ 535B	69				
ANSI S35 – 3 perforation aperture for ARRIFLEX 435/535/535B	70				
ANSI S35 – 3 perforation aperture for ARRICAM ST and LT	71				

2. Glossary

In every production and distribution step, the size of the image is reduced to compensate for tolerances and avoid image distortions, which might occur at the edge of the image. The image sizes start at the largest possible image area and are gradually reduced according to the post production and distribution stage.

Exposed negative area (camera aperture)

Image area on the negative film which is exposed in various aspect ratios and sizes according to international standards.

TV scanned

Image area which is scanned by telecines or high resolution film scanners to convert to electronic data. The actually scanned area can usually be zoomed in size and shifted in position by the scanner.

TV transmitted

Image area which is originally broadcasted but will not be entirely visible on home TV sets.

Projected area

Image area which is projected on cinema screens according to respective international standards.

TV safe action

Image area considered to be visible on every TV set.

TV safe title

Image area inside the TV safe action area in which titles can be expected to be displayed in optimum quality at the TV screen.

DIN Super 35 (DIN S35)

This format was originally developed in the 1950ties to use a maximum recording space of 24 mm width without a sound track. The format was standardized in an (DIN) industry norm.

ANSI Super 35 (ANSI S35)

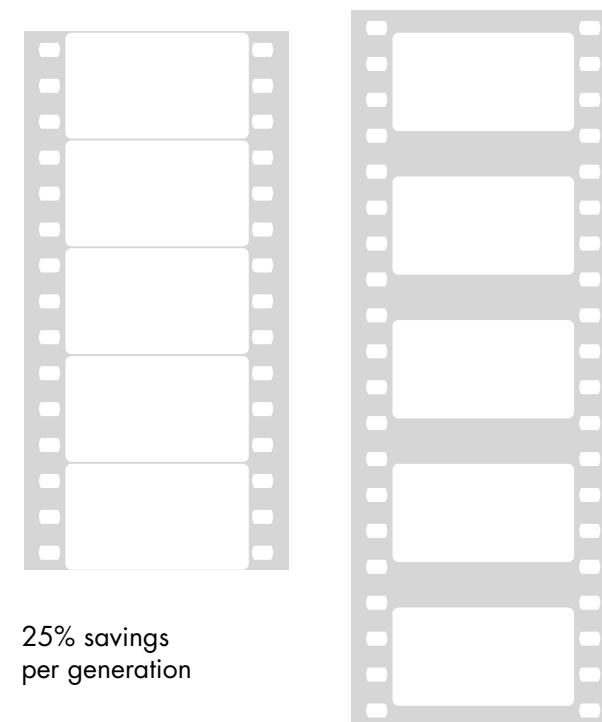
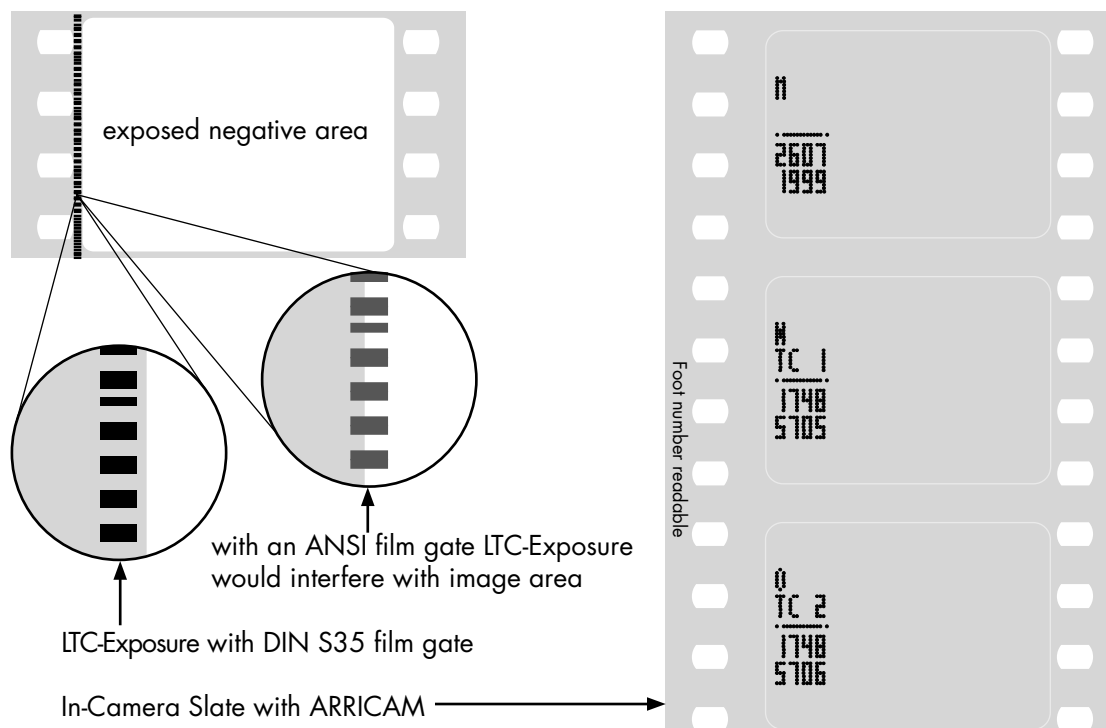
To make even better use of the available negative space the width of the used picture area was enlarged to 24.9 mm without being part of any industry norm. Only as late as in the 1990ties this format was standardized in an ANSI norm.

TC Exposure

The DIN S35 format was small enough to leave an unused space between the perforation and the image area on the film, which is used to record LTC with the ARRIFLEX 435 and ARRIFLEX 535/535B cameras. With the wider ANSI picture formats this space is no longer available, and subsequently the LTC can no longer be recorded without harming the picture. The ARRICAM cameras also support the ANSI standard, but employs a different recording method for TC with the In-Camera Slate System. Therefore in-camera slate recording in the ANSI format is possible with the ARRICAM cameras. See graphics

3-Perforation Filming

The 3-perforation format uses a pulldown and subsequently an image area that is only 3 perforation holes high, saving 25 % of raw stock, intermed positive, answer prints etc. also in the postproduction. This format is ideal when opting for the digital lab.



Specific to ARRI Ground Glasses, please note:

Camera aperture + unexposed safety viewing space

Area on the ground glass which is larger than the actually exposed negative area to enable viewing of incoming objects e. g. microphones on top and bottom of the frame.

Maximum ground glass area

As Super 35 format covers the entire available space on 35 mm negative size, the ground glasses are designed to show an extra area all around the actual camera aperture to aid framing.

Extended viewing space

Additional area around the outer frame lines to check for incoming objects e.g. microphones. Parts of this additional area might not be visible on the negative.

Format Masks



Please Note:

This quoted format masks in the 35 mm ground glass drawings section represents the smallest aperture suitable for the respectively given ground glass. It is however possible to use format masks with larger apertures and to extract the required image format from the negative in post-production

Technical notes regarding this document:

In order to speed up download time all hatched areas on ground glasses have been replaced with a gray field which is similar to the appearance of the actual ground glass in the view finder.

In the PDF-file you may click on the drawings for further navigation!

3. 35 mm

3.1 N35 – Ground Glass Template



1.37 (Academy)

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.0
Glowmask 435/535:	K2.47004.3

1.66

ARRICAM:	K2.54101.0
Glowmask ST:	K2.54118.0
Glowmask LT:	K2.54118.0
ARRIFLEX 435/535:	K2.44420.A
Glowmask 435/535:	K2.47012.3

1.85

ARRICAM:	K2.54103.0
Glowmask ST:	K2.54112.0
Glowmask LT:	K2.54112.0
ARRIFLEX 435/535:	K2.44420.B
Glowmask 435/535:	K2.47011.3

Scope (Factor 2) 2.35

ARRICAM:	K2.54084.0
Glowmask ST:	K2.54123.0
Glowmask LT:	K2.54123.0
ARRIFLEX 435/535:	K2.44420.C
Glowmask 435/535:	K2.47006.3

TV 1.33 Safe (R 3.6 mm)

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.D
Glowmask 435/535:	K2.47013.S

TV 1.33 safe (R 0.5 mm)

ARRICAM:	K2.54100.0
Glowmask ST:	K2.54117.0
Glowmask LT:	K2.54117.0
ARRIFLEX 435/535:	K2.41200.E
Glowmask 435/535:	K2.47010.3

1.85+1.37

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.K
Glowmask 435/535:	K2.46435.3

1.85+1.37+TV 1.33 safe

ARRICAM:	K2.54059.0
Glowmask ST:	K2.54053.0
Glowmask LT:	K2.54053.0
ARRIFLEX 435/535:	K2.44420.L
Glowmask 435/535:	K2.47055.S

1.66+1.37

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.M
Glowmask 435/535:	K2.47058.3

1.66+1.37+TV 1.33 safe

ARRICAM:	K2.54058.0
Glowmask ST:	K2.54052.0
Glowmask LT:	K2.54052.0
ARRIFLEX 435/535:	K2.44420.N
Glowmask 435/535:	K2.47057.S

1.66+TV 1.33 safe

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.P
Glowmask 435/535:	K2.47016.S

1.85+TV 1.33 safe

ARRICAM:	K2.54104.0
Glowmask ST:	K2.54120.0
Glowmask LT:	K2.54120.0
ARRIFLEX 435/535:	K2.44420.S
Glowmask 435/535:	K2.47015.S

1.85+1.66

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.V
Glowmask 435/535:	K2.47017.3

TV 1.78 trans

ARRICAM:	K2.54102.0
Glowmask ST:	K2.54113.0
Glowmask LT:	K2.54113.0
ARRIFLEX 435/535:	K2.44420.X
Glowmask 435/535:	K2.47007.3

1.78+1.55+1.33 CGG

ARRICAM:	K2.54086.0
Glowmask ST:	K2.54090.0
Glowmask LT:	K2.54090.0
ARRIFLEX 435/535:	—
Glowmask 435/535:	—

1.37+TV 1.33 safe

ARRICAM:	K2.54000.0
Glowmask ST:	K2.54051.0
Glowmask LT:	K2.54051.0
ARRIFLEX 435/535:	—
Glowmask 435/535:	—

3 P TV 1.33 safe/trans

ARRICAM:	K2.54062.0
Glowmask ST:	K2.54056.0
Glowmask LT:	K2.54056.0
ARRIFLEX 435/535:	—
Glowmask 435/535:	—

3.2 DIN S35 – Ground Glass Template

DIN S35 Silent 1.33

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.E
Glowmask 435/535:	K2.47005.3

DIN S35 2.35 off center

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.F
Glowmask 435/535:	K2.47018.3

DIN S35 1.85

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.G
Glowmask 435/535:	K2.47009.3

DIN S35 2.35 + 1.85 common top

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.H
Glowmask 435/535:	K2.47172.3

DIN S35 1.85+TV 1.33 safe

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.I
Glowmask 435/535:	K2.47059.3

DIN S35 2.35 centric

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.W
Glowmask 435/535:	K2.47035.3

DIN S35 TV 1.78 safe

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.44420.2
Glowmask 435/535:	K2.47008.3

DIN S35 TV 1.33 safe

ARRICAM:	—
Glowmask ST:	—
Glowmask LT:	—
ARRIFLEX 435/535:	K2.41200.F
Glowmask 435/535:	K2.47281.3

3.3 ANSI S35 Ground Glass Template

ANSI S35 Silent 1.33

ARRICAM:	K2.54083.0
Glowmask ST:	K2.54119.0
Glowmask LT:	K2.54119.0
ARRIFLEX 435/535:	K2.47433.0
Glowmask 435/535:	K2.47434.0

ANSI S35 TV 1.33 safe

ARRICAM:	K2.54105.0
Glowmask ST:	K2.54121.0
Glowmask LT:	K2.54121.0
ARRIFLEX 435/535:	K2.47413.0
Glowmask 435/535:	K2.47425.0

ANSI S35 TV 1.78 trans

ARRICAM:	K2.54106.0
Glowmask ST:	K2.54122.0
Glowmask LT:	K2.54122.0
ARRIFLEX 435/535:	K2.47414.0
Glowmask 435/535:	K2.47426.0

ANSI S35 TV 1.78 + 1.33 trans

ARRICAM:	K2.54060.0
Glowmask ST:	K2.54054.0
Glowmask LT:	K2.54054.0
ARRIFLEX 435/535:	K2.47410.0
Glowmask 435/535:	K2.47422.0

ANSI S35 TV 1.78 safe

ARRICAM:	K2.54107.0
Glowmask ST:	K2.54115.0
Glowmask LT:	K2.54115.0
ARRIFLEX 435/535:	K2.47415.0
Glowmask 435/535:	K2.47427.0

ANSI S35 1.78+1.55+1.33 CGG

ARRICAM:	K2.54085.0
Glowmask ST:	K2.54089.0
Glowmask LT:	K2.54089.0
ARRIFLEX 435/535:	K2.47419.0
Glowmask 435/535:	K2.47431.0

ANSI S35 1.85

ARRICAM:	K2.54108.0
Glowmask ST:	K2.54114.0
Glowmask LT:	K2.54114.0
ARRIFLEX 435/535:	K2.47409.0
Glowmask 435/535:	K2.47421.0

ANSI S35 2.35+1.85+TV 1.33 trans

ARRICAM:	K2.54061.0
Glowmask ST:	K2.54055.0
Glowmask LT:	K2.54094.0
ARRIFLEX 435/535:	K2.47411.0
Glowmask 435/535:	K2.47423.0

ANSI S35 2.35 centric

ARRICAM:	K2.54109.0
Glowmask ST:	K2.54092.0
Glowmask LT:	K2.54092.0
ARRIFLEX 435/535:	K2.47416.0
Glowmask 435/535:	K2.47428.0

ANSI S35 2.35+1.85 1/4 offset

ARRICAM:	K2.54110.0
Glowmask ST:	K2.54088.0
Glowmask LT:	K2.54096.0
ARRIFLEX 435/535:	K2.47417.0
Glowmask 435/535:	K2.47429.0

ANSI S35 2.35+1.85 centric

ARRICAM:	K2.54087.0
Glowmask ST:	K2.54091.0
Glowmask LT:	K2.54091.0
ARRIFLEX 435/535:	K2.47420.0
Glowmask 435/535:	K2.47432.0

ANSI S35 2.35+1.85 common top

ARRICAM:	K2.54111.0
Glowmask ST:	K2.54116.0
Glowmask LT:	K2.54095.0
ARRIFLEX 435/535:	K2.47418.0
Glowmask 435/535:	K2.47430.0

ANSI S35 3 P TV 1.78+1.33 trans

ARRICAM:	K2.54063.0
Glowmask ST:	K2.54057.0
Glowmask LT:	K2.54057.0
ARRIFLEX 435/535:	K2.47412.0
Glowmask 435/535:	K2.47424.0

Blank

ARRICAM:	K2.54142.0
Glowmask ST:	K2.54141.0
Glowmask LT:	K2.54141.0
ARRIFLEX 435/535:	—
Glowmask 435/535:	K2.47169.0

N35 1.37 (Academy)

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

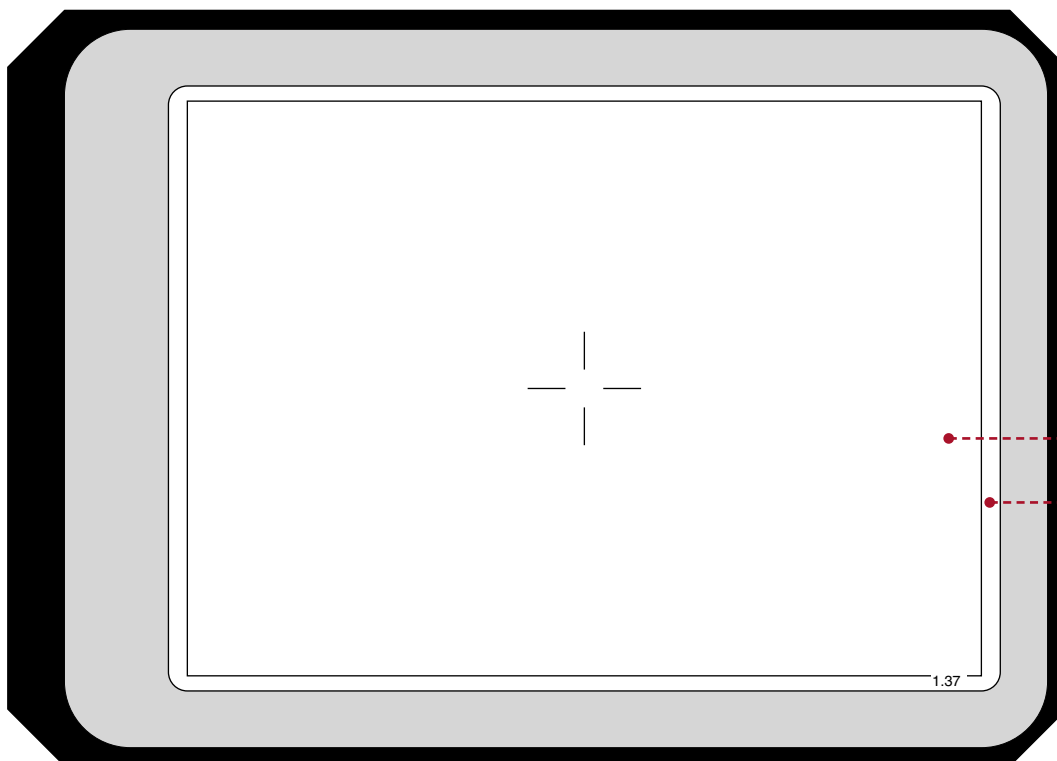
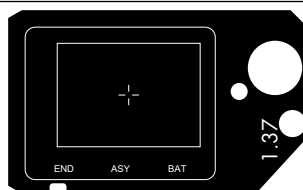
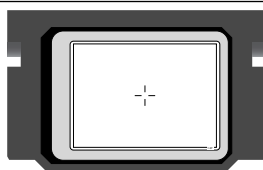
N/A

N/A

ARRIFLEX 435/535

K2.44420.0

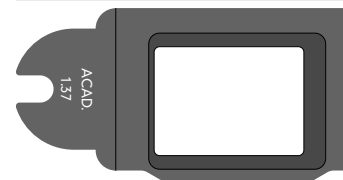
K2.47004.3



drawing scale 5:1

© ARRI

Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ± 0.02 mm

Ground Glass

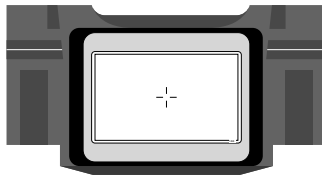
Frameglow

4-Perforation

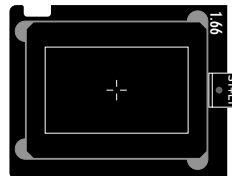
3-Perforation

ARRICAM

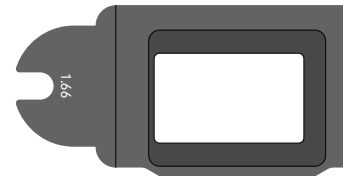
K2.54101.0



K2.54118.0



Format-Mask



K5.42390.0

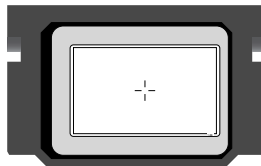
exposed negative area:
22 mm x 13.2 mm

ARRICAM ST and LT
Conversion Kit K2.54165.0
exposed negative area:
24.9 mm x 13.9 mm

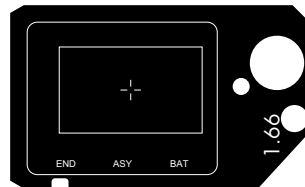
ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

ARRIFLEX 435/535

K2.44420.A



K2.47012.3



Capping Shutter Format Mask for ARRIFLEX 435

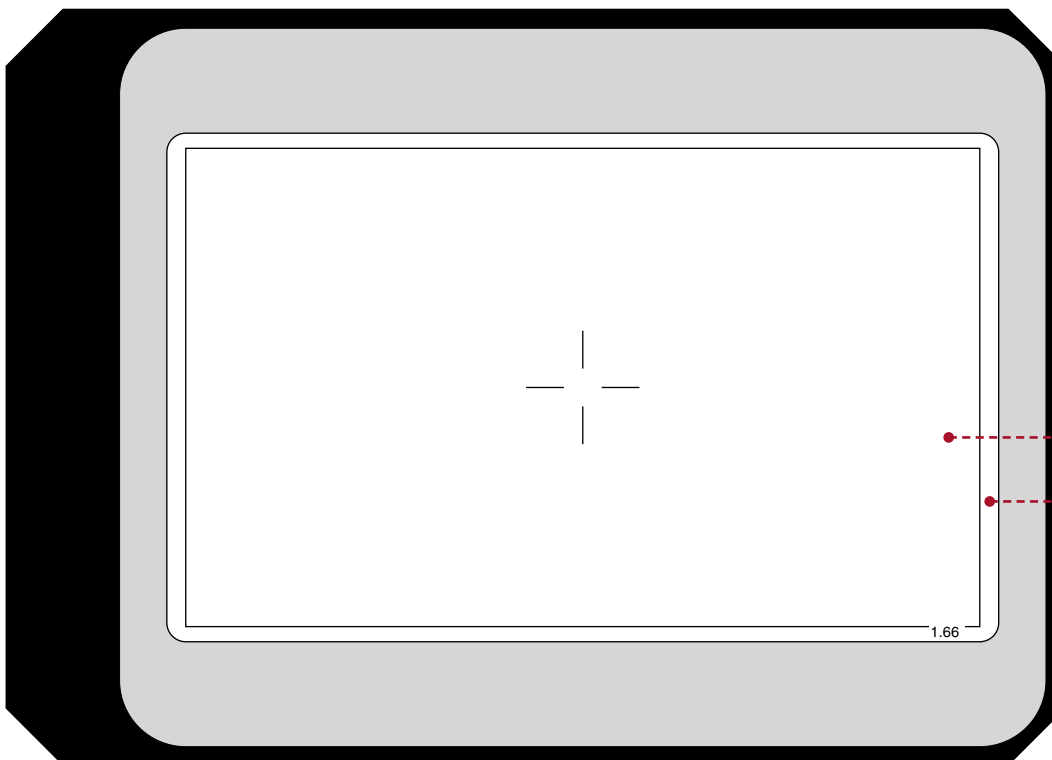
K2.52060.0

exposed negative area:
22 mm x 13.2 mm

in preparation

Ground Glass Marking Dimensions

21 mm x 12.65 mm	=	N35 projected area 1.66
22 mm x 13.45 mm	=	camera aperture with format mask K5.42390.0 + unexposed safety viewing space



drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

Ground Glass

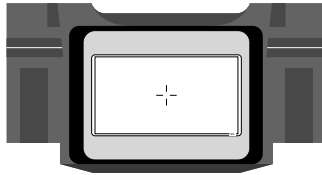
Frameglow

4-Perforation

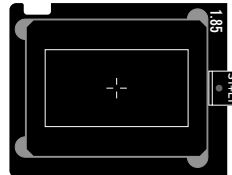
3-Perforation

ARRICAM

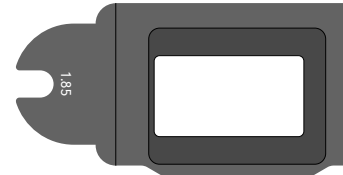
K2.54103.0



K2.54112.0



Format-Mask



K5.42391.0

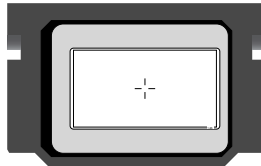
exposed negative area:
22 mm x 11.9 mm

ARRICAM ST and LT:
Conversion Kit K2.54165.0
exposed negative area:
24.9 mm x 13.9 mm

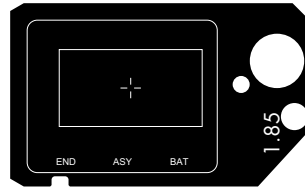
ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

ARRIFLEX 435/535

K2.44420.B



K2.47011.3



Capping Shutter Format Mask for ARRIFLEX 435

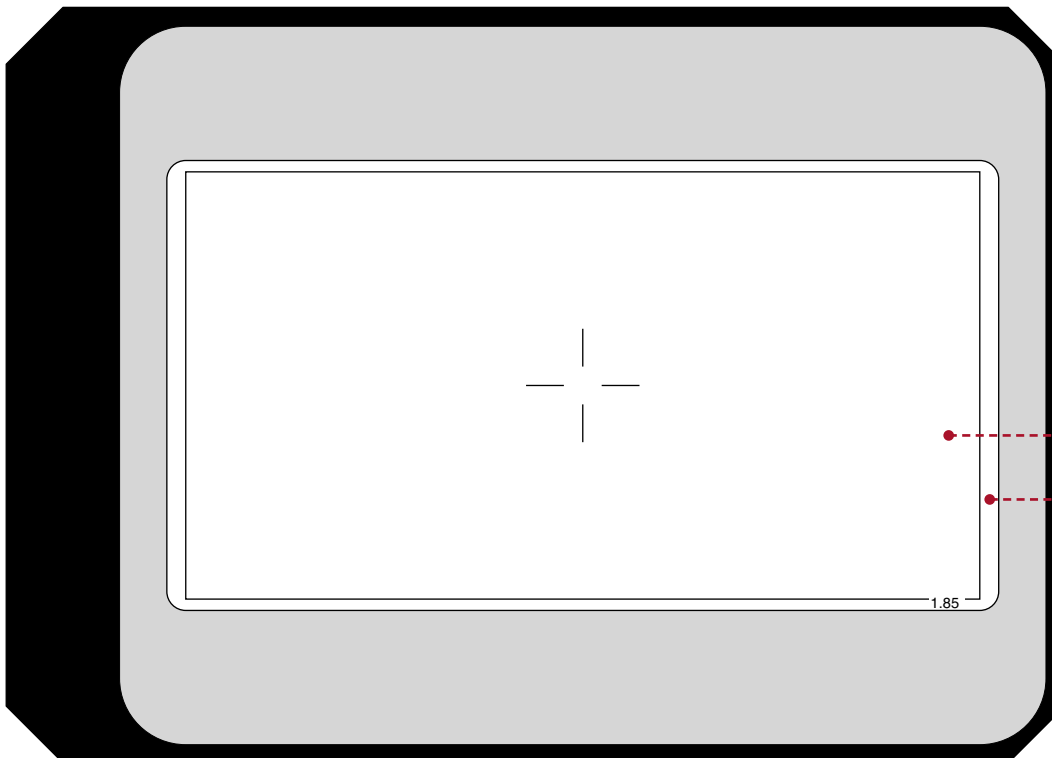
K2.52061.0

exposed negative area:
22 mm x 11.9 mm

in preparation

Ground Glass Marking Dimensions

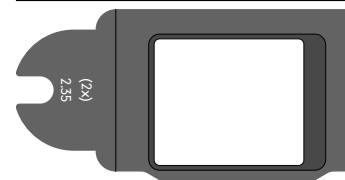
21 mm x 11.3 mm	=	N35 projected area 1.85
22 mm x 11.9 mm	=	camera aperture with format mask K5.42391.0



N35 Scope (Factor 2) 2.35

	Ground Glass	Frameglow
ARRICAM	K2.54084.0	K2.54123.0
ARRIFLEX 435/535	K2.44420.C	K2.47006.3

4-Perforation	3-Perforation
Format-Mask	



K5.42388.0

exposed negative area:
22 mm x 18.6 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52058.0

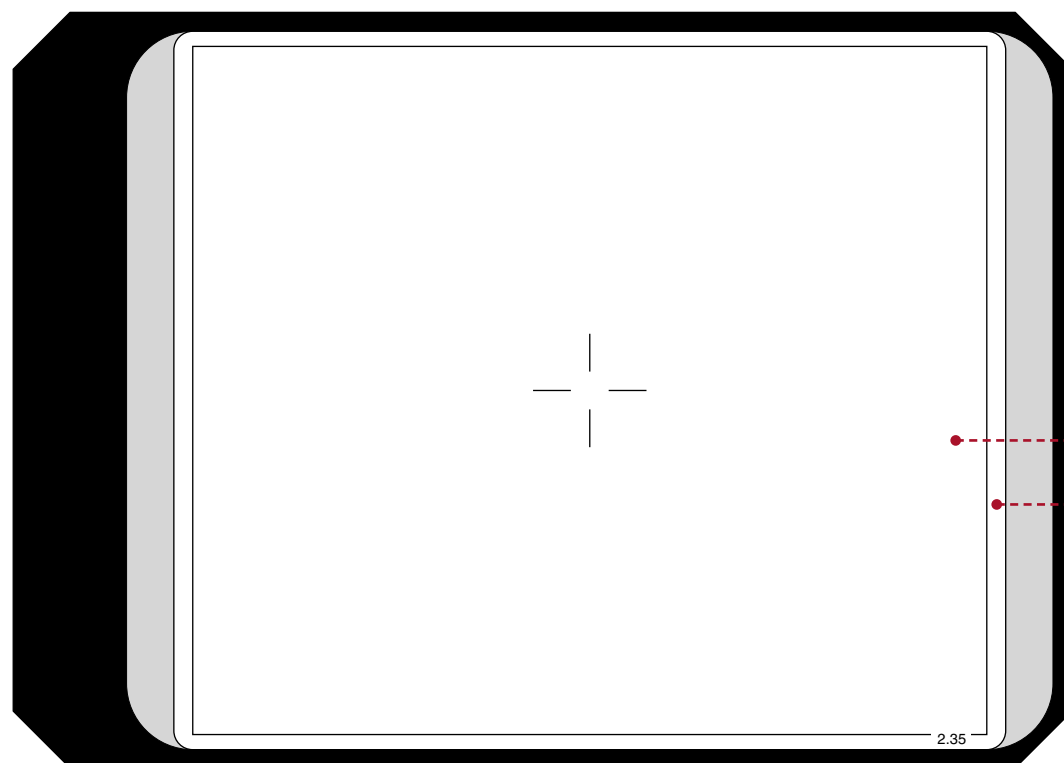
exposed negative area:
22 mm x 18.6 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

21 mm x 18.2 mm	=	N35 projected area 2.35
22 mm x 19 mm	=	camera aperture with format mask K5.42388.0 + unexposed safety viewing space



drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

N35 TV 1.33 safe (R 3.6 mm)

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

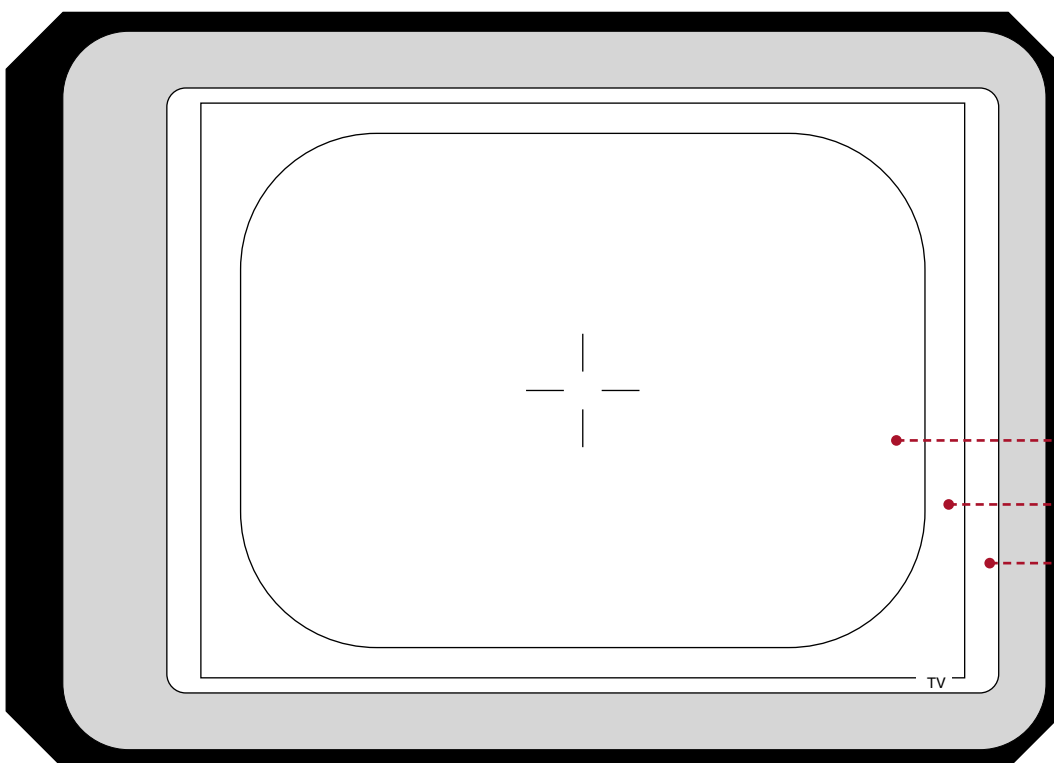
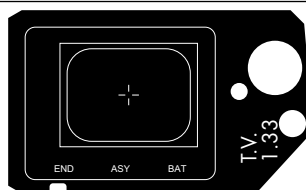
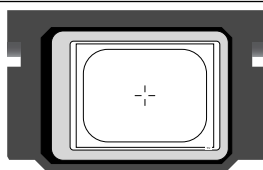
N/A

N/A

ARRIFLEX 435/535

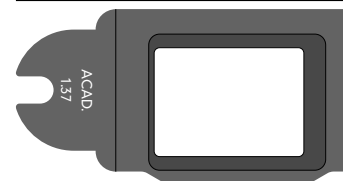
K2.44420.D

K2.47013.S



drawing scale 5:1

Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
20.2 mm x 15.2 mm	=	N35 TV 1.33 transmitted (4:3)
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ± 0.02 mm

N35 TV 1.33 safe (R 0.5 mm)

Ground Glass

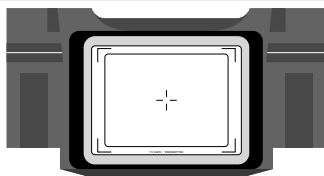
Frameglow

4-Perforation

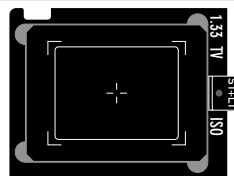
3-Perforation

ARRICAM

K2.54100.0

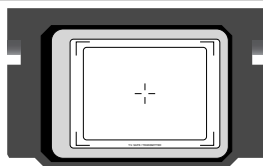


K2.54117.0



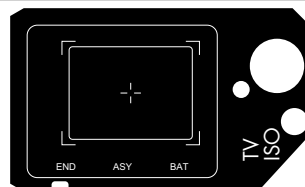
ARRIFLEX 435/535

K2.41200.E

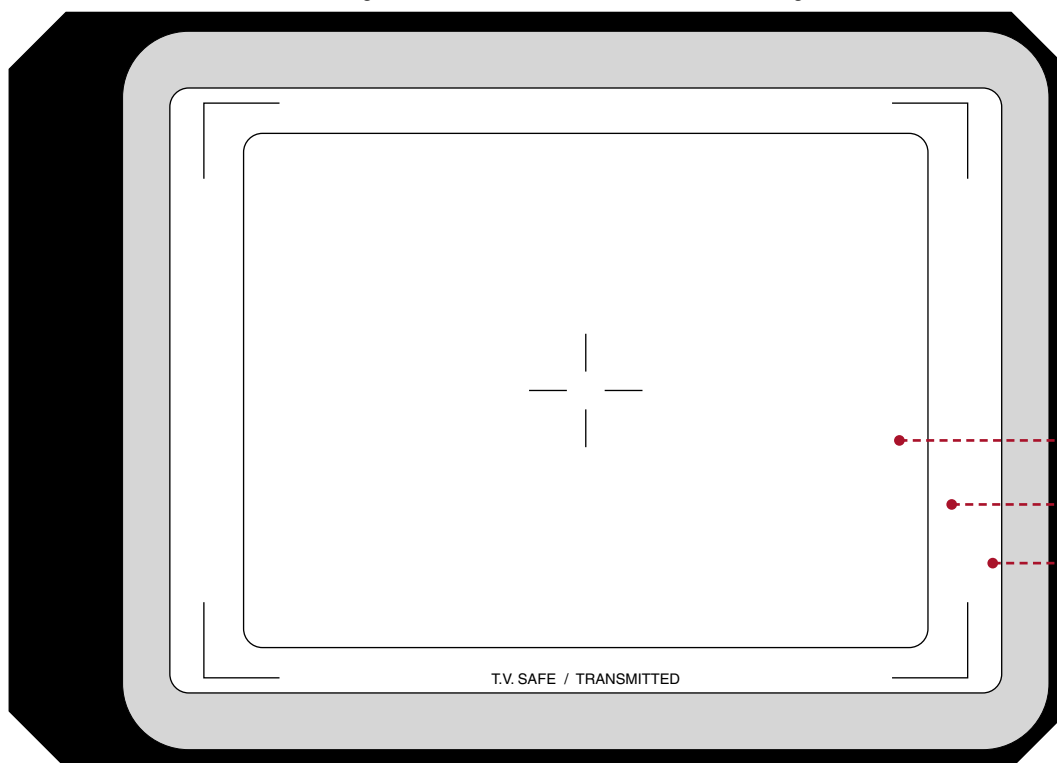


no longer available

K2.47010.3

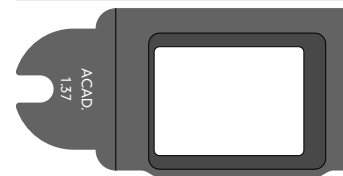


no longer available



drawing scale 5:1

Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRI FLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
20.2 mm x 15.2 mm	=	N35 TV 1.33 transmitted (4:3)
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ± 0.02 mm

N35 1.85 + 1.37

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

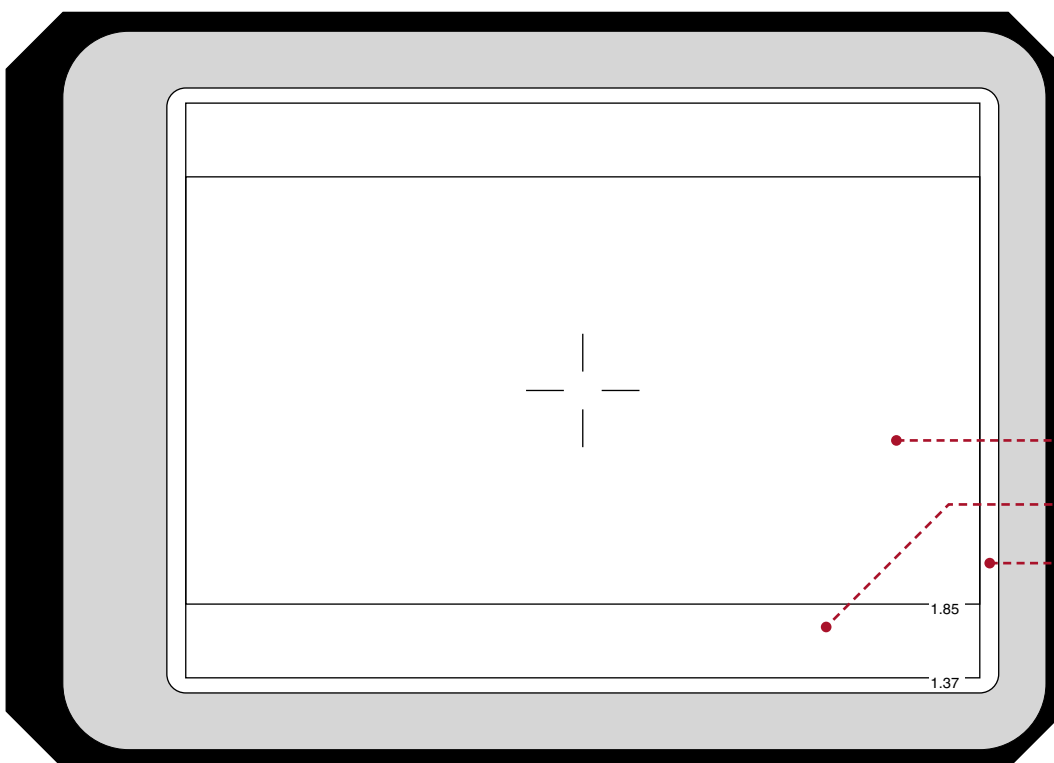
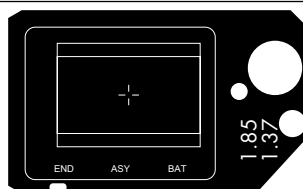
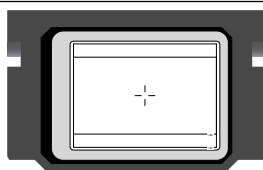
N/A

N/A

ARRIFLEX 435/535

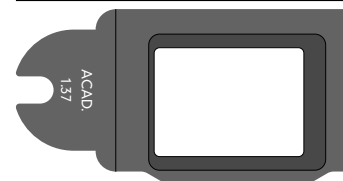
K2.44420.K

K2.46435.3



drawing scale 5:1

Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRI FLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

21 mm x 11.3 mm	=	N35 projected area 1.85
21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ± 0.02 mm

N35 1.85 + 1.37 + TV 1.33 safe

Ground Glass

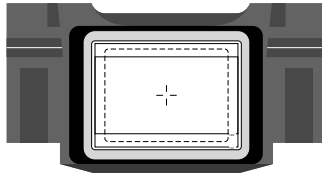
Frameglow

4-Perforation

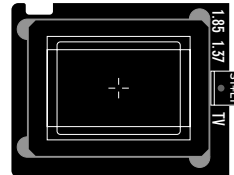
3-Perforation

ARRICAM

K2.54059.0

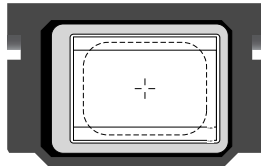


K2.54053.0

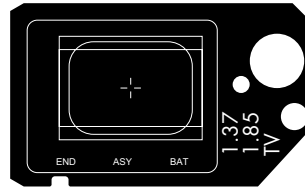


ARRIFLEX 435/535

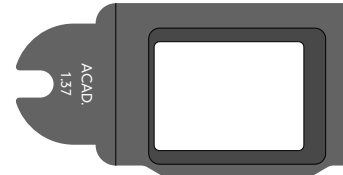
K2.44420.L



K2.47055.S



Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



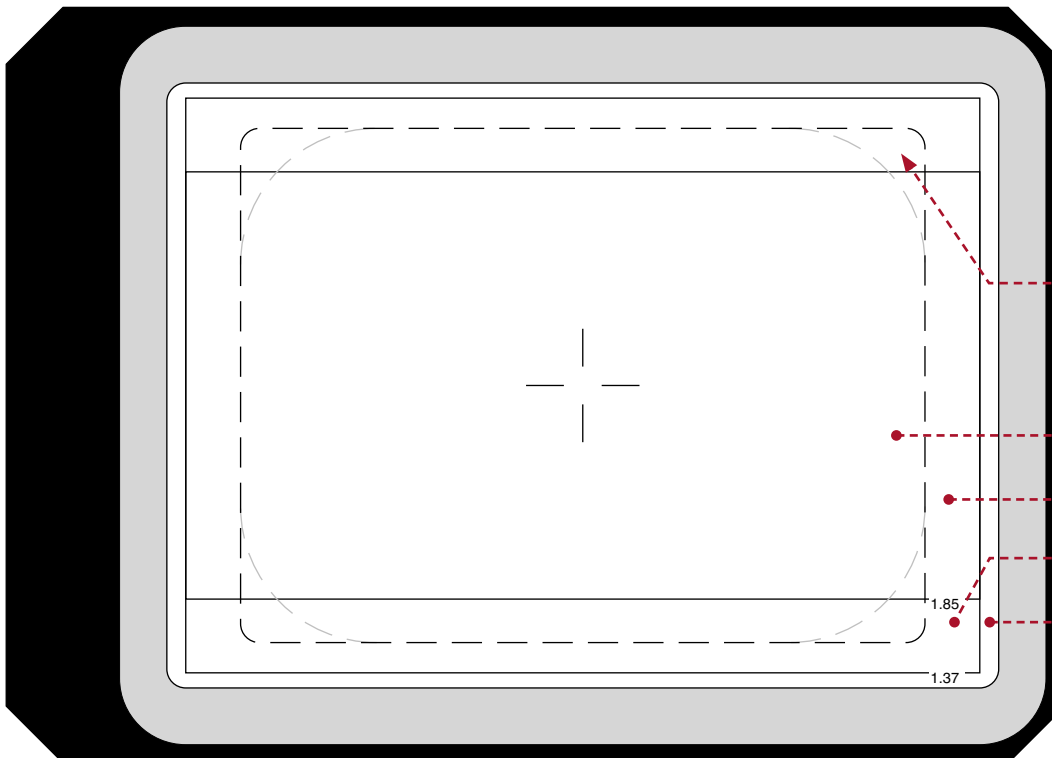
No 3-perforation
operation possible!



R 3.6 mm for ARRIFLEX 435/535 ground glass and frameglow
R 0.5 mm for ARRICAM ground glass and frameglow.

Ground Glass Marking Dimensions

18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
21 mm x 11.3 mm	=	N35 projected area 1.85
21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0



drawing scale 5:1

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tolerance for format markings on ground glass ± 0.02 mm

N35 1.66 + 1.37

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

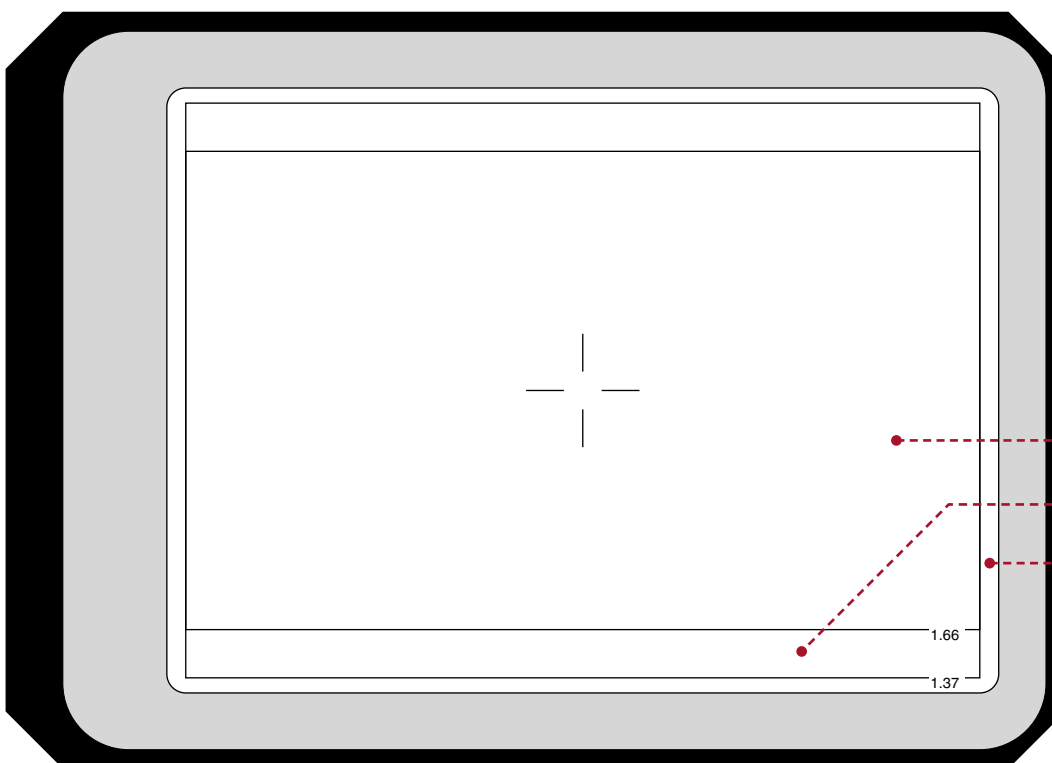
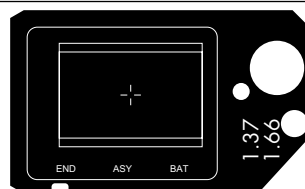
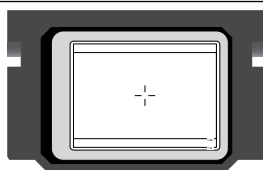
N/A

N/A

ARRIFLEX 435/535

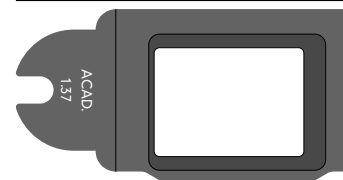
K2.44420.M

K2.47058.3



drawing scale 5:1

Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRI FLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

21 mm x 12.65 mm	=	N35 projected area 1.66
21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ± 0.02 mm

N35 1.66 + 1.37 + TV 1.33 safe

Ground Glass

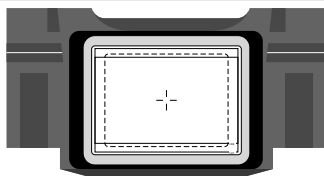
Frameglow

4-Perforation

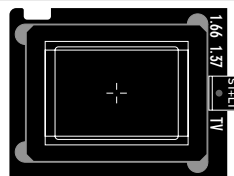
3-Perforation

ARRICAM

K2.54058.0

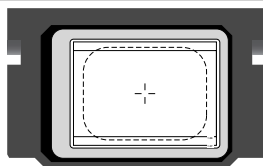


K2.54052.0

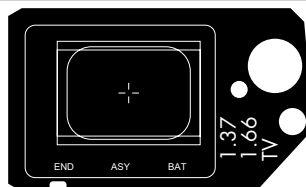


ARRIFLEX 435/535

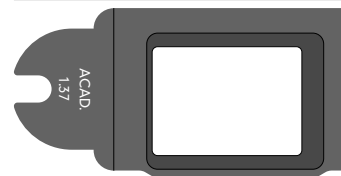
K2.44420.N



K2.47057.S



Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm

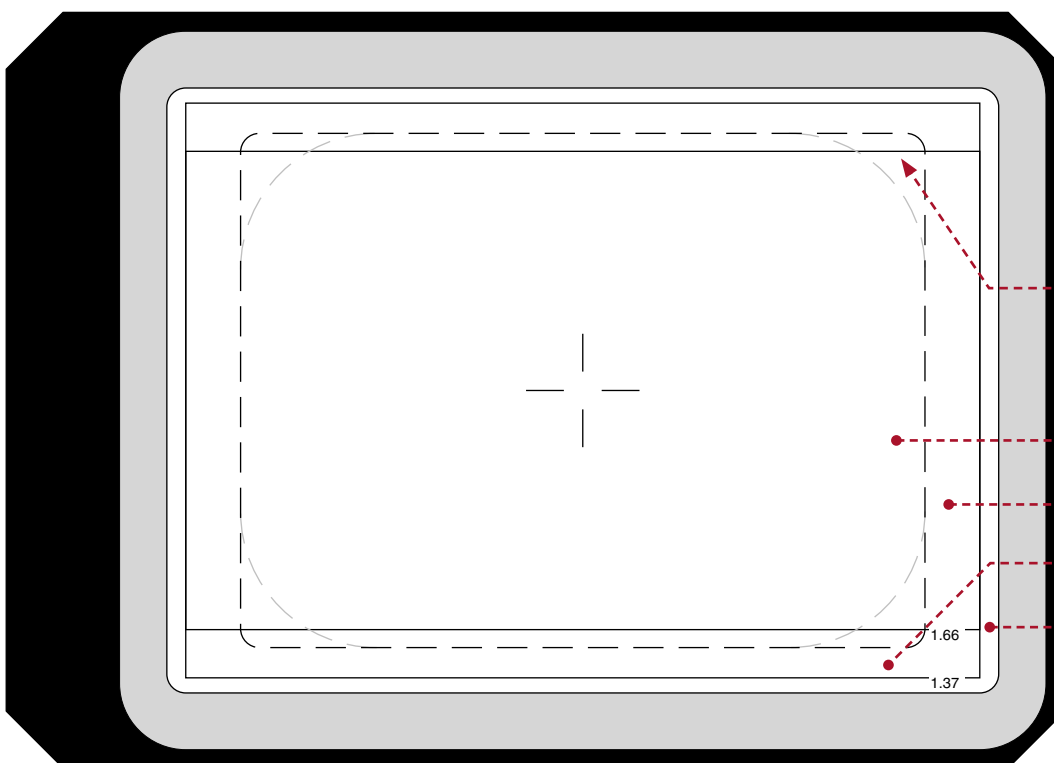


No 3-perforation
operation possible!



R 3.6 mm for ARRIFLEX 435/535 ground glass and frameglow
R 0.5 mm for ARRICAM ground glass and frameglow.

Ground Glass Marking Dimensions



18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
21 mm x 12.65 mm	=	N35 projected area 1.66
21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

drawing scale 5:1

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tolerance for format markings on ground glass ± 0.02 mm

N35 1.66 + TV 1.33 safe

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

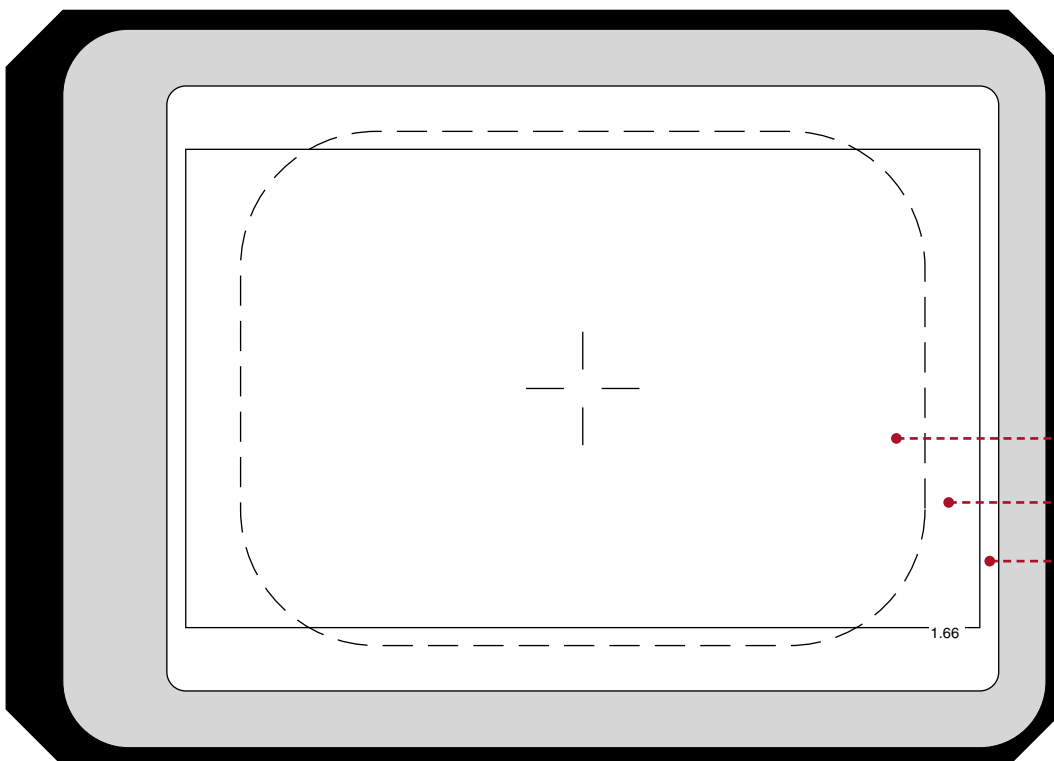
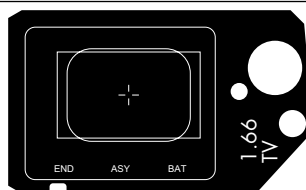
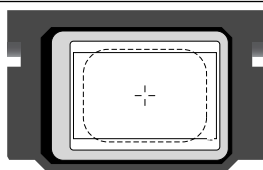
N/A

N/A

ARRIFLEX 435/535

K2.44420.P

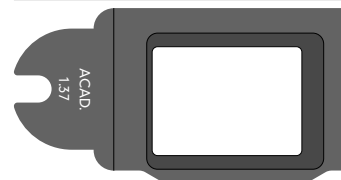
K2.47016.S



drawing scale 5:1

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Format-Mask



K5.42387.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0

exposed negative area:
22 mm x 16 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

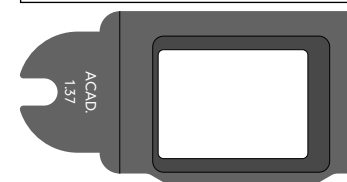
18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
21 mm x 12.65 mm	=	N35 projected area 1.66
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ± 0.02 mm

N35 1.85 + TV 1.33 safe


	Ground Glass	Frameglow
ARRICAM	K2.54104.0	K2.54120.0
ARRIFLEX 435/535	K2.44420.S	K2.47015.S

4-Perforation	3-Perforation
Format-Mask	



K5.42387.0


exposed negative area:
22 mm x 16 mm


 No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0

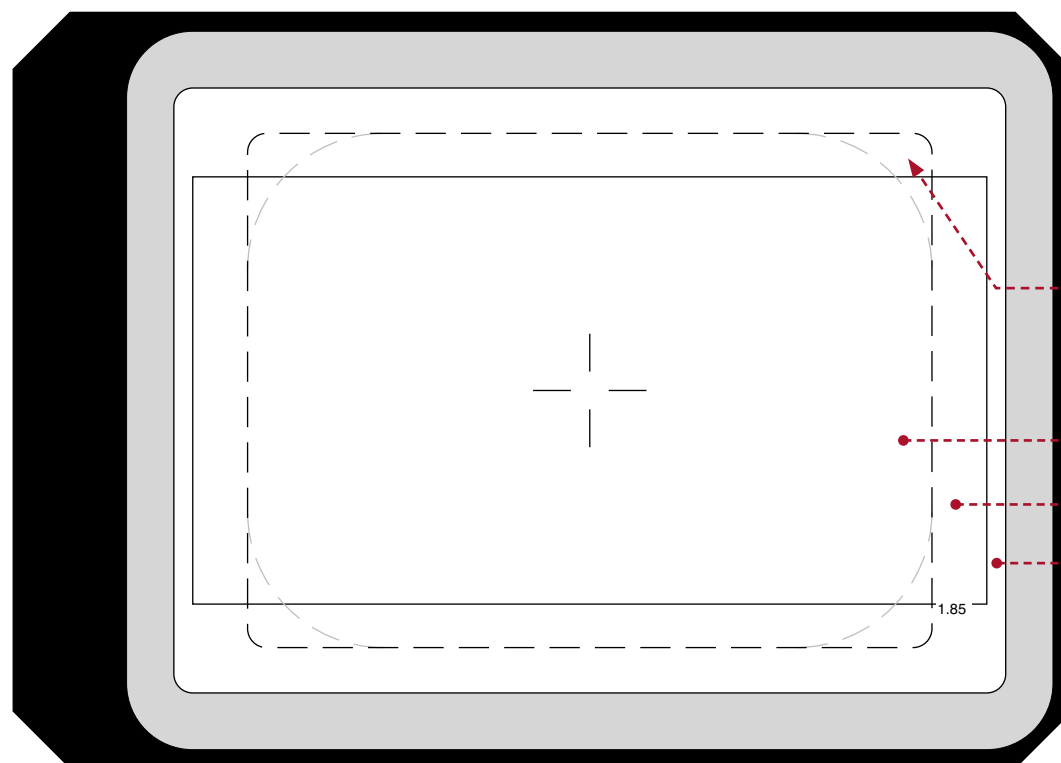
exposed negative area:
22 mm x 16 mm

 No 3-perforation operation possible!

 R 3.6 mm for ARRIFLEX 435/535 ground glass and frameglow
R 0.5 mm for ARRICAM ground glass and frameglow.

Ground Glass Marking Dimensions

18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
21 mm x 11.3 mm	=	N35 projected area 1.85
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0



drawing scale 5:1

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tolerance for format markings on ground glass ± 0.02 mm

N35 1.85 + 1.66

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

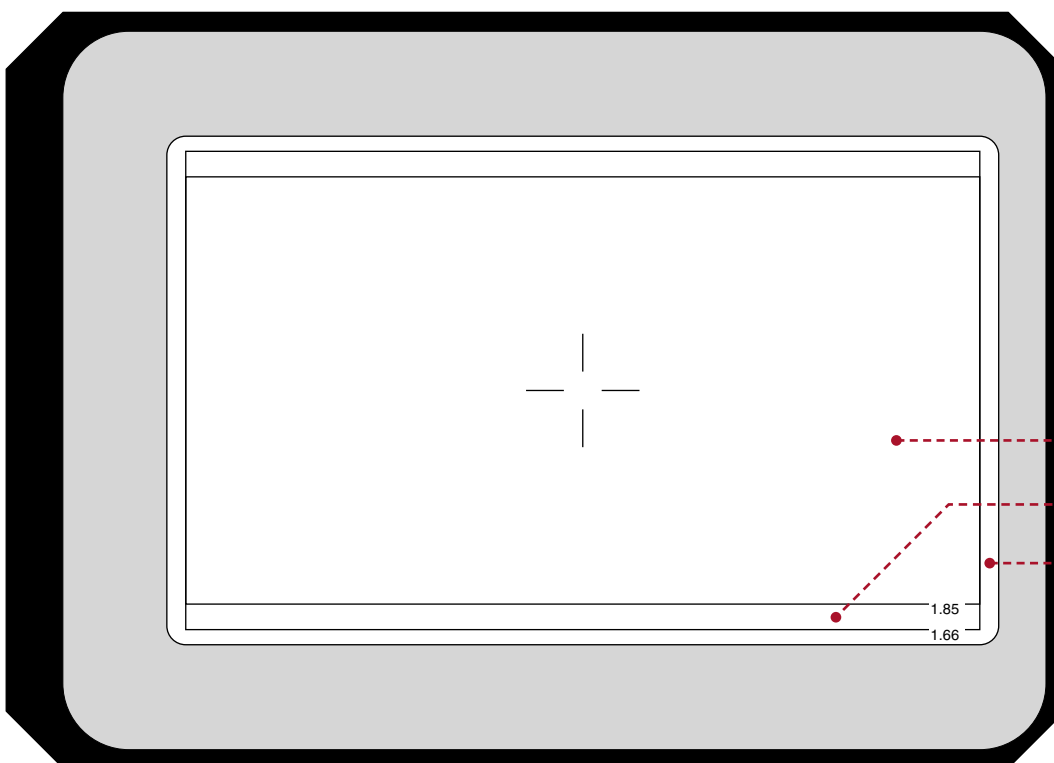
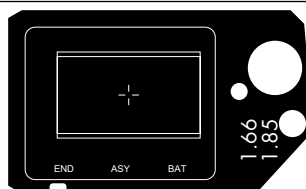
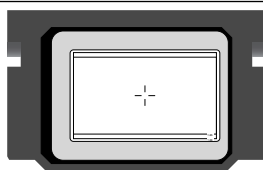
N/A

N/A

ARRIFLEX 435/535

K2.44420.V

K2.47017.3

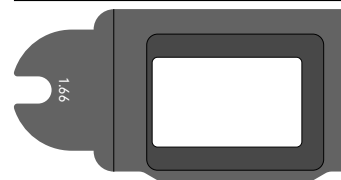


drawing scale 5:1

© ARRI

22

Format-Mask



K5.42390.0

exposed negative area:
22 mm x 13.2 mm

ARRICAM ST and LT:
not available

ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52060.0

exposed negative area:
22 mm x 13.2 mm

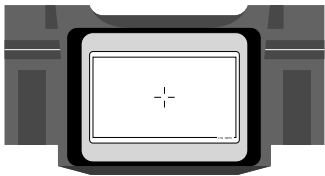
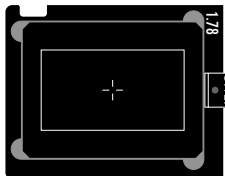
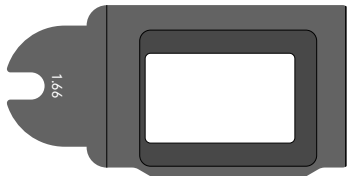
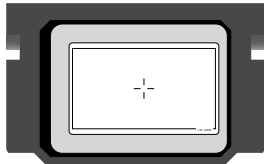
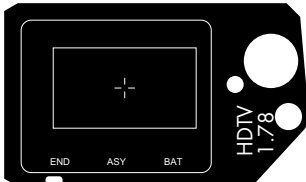
in preparation

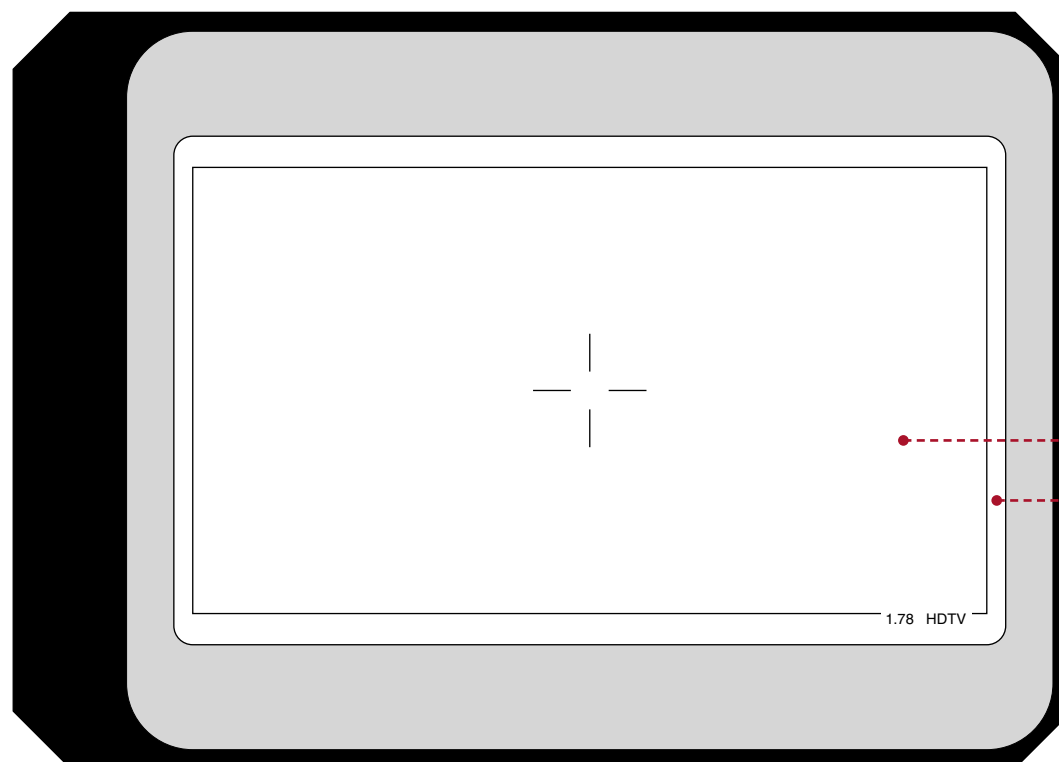
Ground Glass Marking Dimensions

21 mm x 11.3 mm	=	N35 projected area 1.85
21 mm x 12.65 mm	=	N35 projected area 1.66
22 mm x 13.45 mm	=	camera aperture with format mask K5.42390.0 + unexposed safety viewing space

tolerance for format markings on ground glass ± 0.02 mm

N35 TV 1.78 trans

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54102.0 	K2.54113.0 	Format-Mask 	ARRICAM ST and LT: Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm
ARRIFLEX 435/535	K2.44420.X 	K2.47007.3 	K5.42390.0 exposed negative area: 22 mm x 13.2 mm	ARRIFLEX 435: dedicated 3-perforation camera ARRIFLEX 535/535B: Conversion Kit K4.47760.0 exposed negative area: 24.25 mm x 14 mm



Capping Shutter Format Mask for ARRIFLEX 435

K2.52060.0
exposed negative area:
22 mm x 13.2 mm

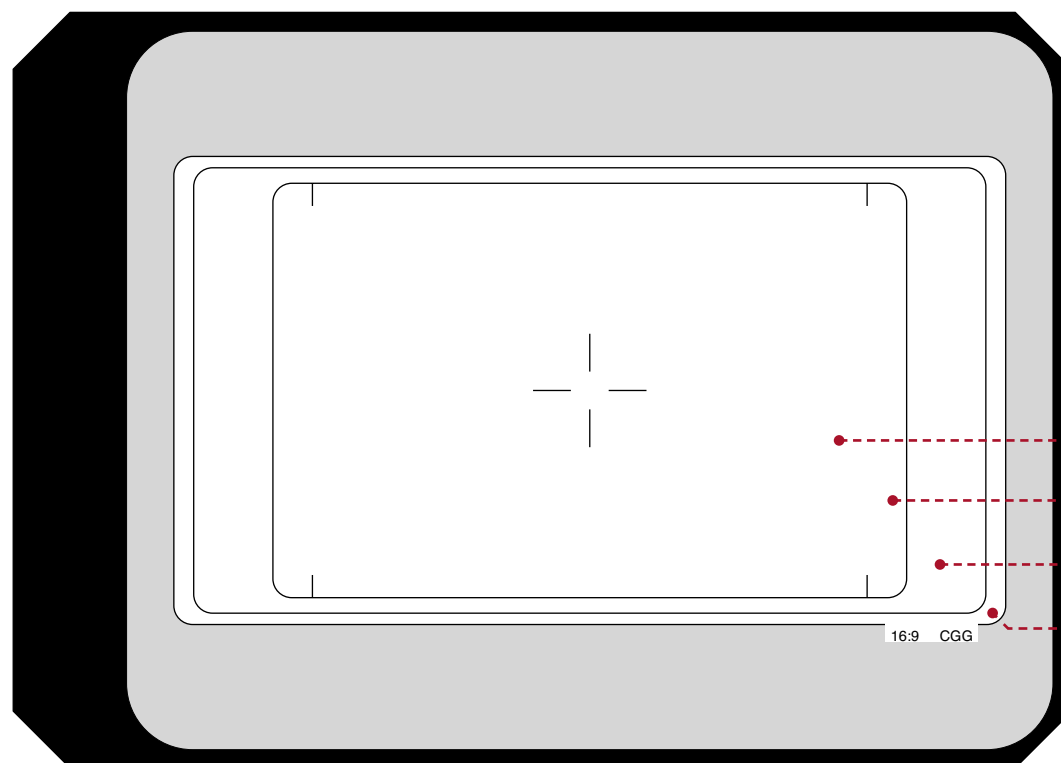
in preparation

Ground Glass Marking Dimensions

21 mm x 11.8 mm	=	N35 TV 1.78 transmitted (16:9)
22 mm x 13.45 mm	=	camera aperture with format mask K5.42390.0 + unexposed safety viewing space

N35 1.78 + 1.55 + 1.33 CGG

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54086.0	K2.54090.0	Format-Mask	ARRICAM ST and LT: Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm
ARRIFLEX 435/535	N/A	N/A	K5.42390.0 exposed negative area: 22 mm x 13.2 mm	ARRIFLEX 435: not available ARRIFLEX 535/535B: not available



Capping Shutter Format Mask for ARRIFLEX 435

not available

not available

Ground Glass Marking Dimensions

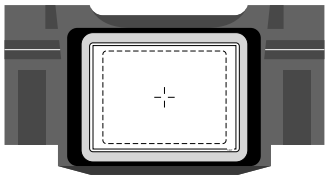
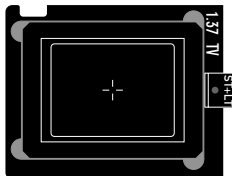
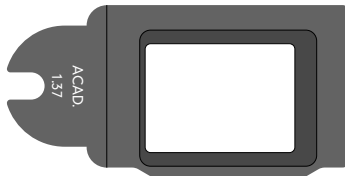
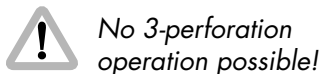
14.67 mm x 10.96 mm	=	N35 1.33
16.76 mm x 10.96 mm	=	N35 1.55
20.95 mm x 11.78 mm	=	N35 1.78
22 mm x 12.38 mm	=	extended viewing space

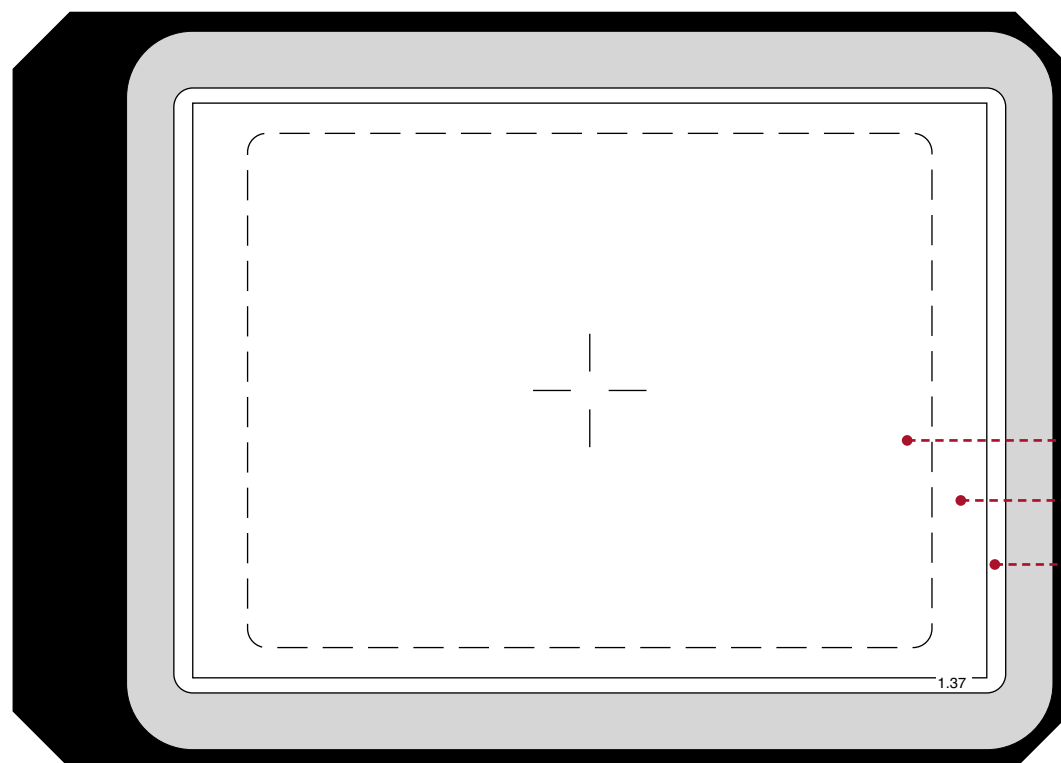
drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm


N35 1.37 + TV 1.33 safe

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54000.0	K2.54051.0	Format-Mask	
				
ARRIFLEX 435/535	N/A	N/A	K5.42387.0 exposed negative area: 22 mm x 16 mm	



Capping Shutter Format Mask for ARRIFLEX 435

not available

 No 3-perforation operation possible!

Ground Glass Marking Dimensions


18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

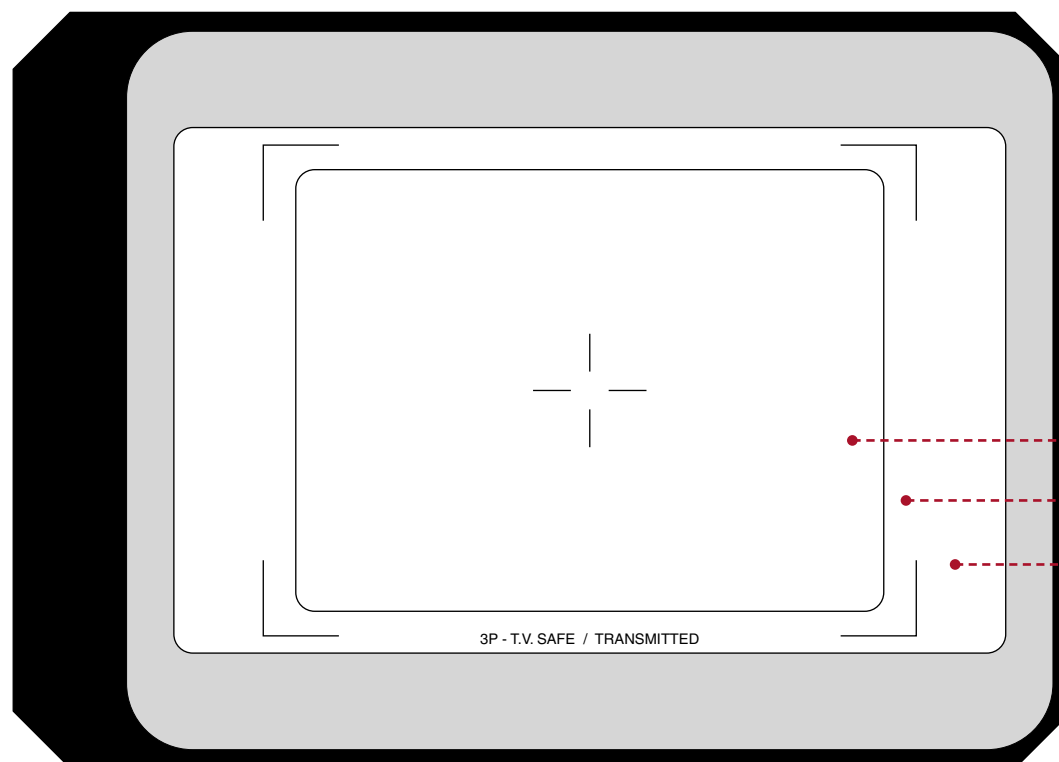
drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

N35 3P TV 1.33 safe/trans

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54062.0	K2.54056.0	Format-Mask  No 4-perforation operation possible!	ARRICAM ST and LT Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm
ARRIFLEX 435/535	N/A	N/A		ARRIFLEX 435: not available ARRIFLEX 535/535B: not available



Capping Shutter Format Mask for ARRIFLEX 435



No 4-perforation operation possible!

not available

Ground Glass Marking Dimensions

15.55 mm x 11.68 mm	=	N35 3 perforation TV 1.33 safe action (4:3)
17.27 mm x 12.98 mm	=	N35 3 perforation TV 1.33 transmitted (4:3)
22 mm x 13.9 mm	=	extended viewing space

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

N/A

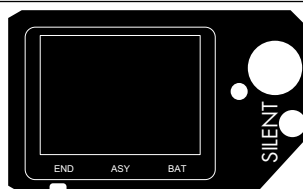
N/A

ARRIFLEX 435/535

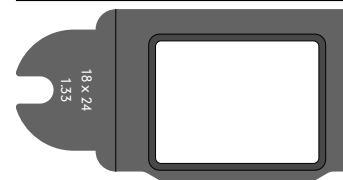
K2.44420.E



K2.47005.3



Format-Mask



K5.42392.0

exposed negative area:
24 mm x 18 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRI FLEX 435

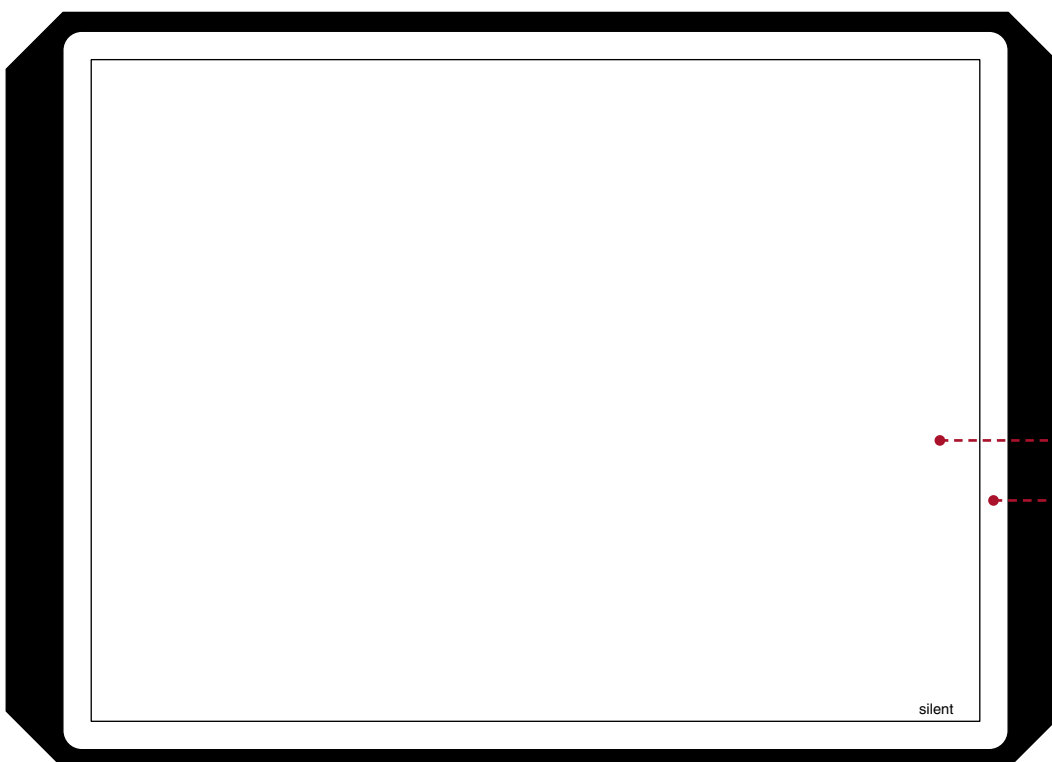
K2.52062.0

exposed negative area:
24 mm x 18 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions



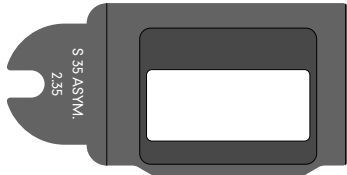
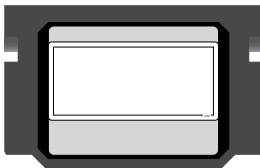
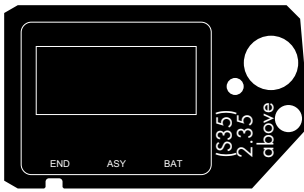

23.5 mm x 17.63 mm	=	DIN S35 projected area 1.33
25 mm x 19 mm	=	camera aperture with format mask K5.42392.0 + unexposed safety viewing space

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

DIN S35 2.35 off center

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	N/A	N/A	Format-Mask  K5.41477.0 exposed negative area: 24 mm x 10.5 mm	ARRICAM ST and LT: not available ARRIFLEX 435: dedicated 3-perforation camera ARRIFLEX 535/535B: Conversion Kit K4.47760.0 exposed negative area: 24.25 mm x 14 mm
ARRIFLEX 435/535	K2.44420.F 	K2.47018.3 	Capping Shutter Format Mask for ARRIFLEX 435 K2.52068.0 exposed negative area: 24 mm x 10.5 mm in preparation	
				

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

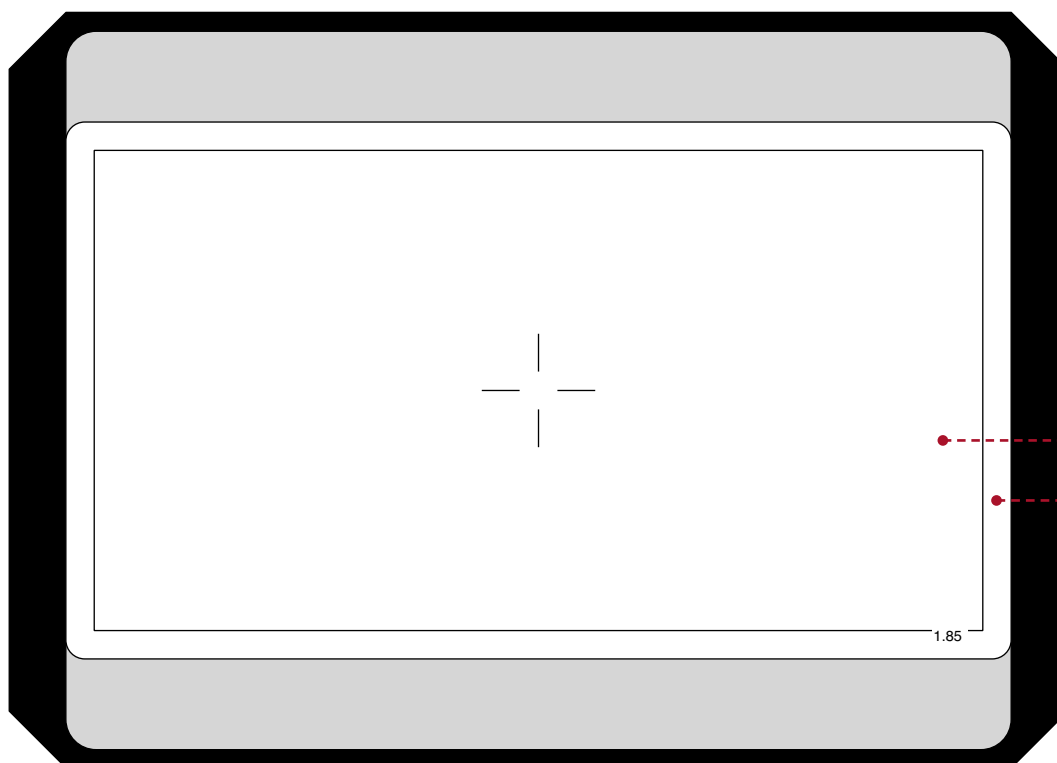
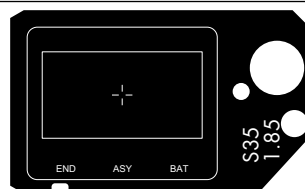
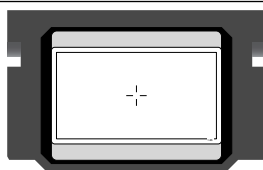
N/A

N/A

ARRIFLEX 435/535

K2.44420.G

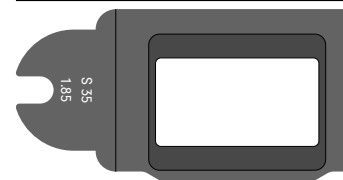
K2.47009.3



drawing scale 5:1

© ARRI

Format-Mask



K5.44305.0

exposed negative area:
24 mm x 13 mm

ARRICAM ST and LT:
not available

ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

Capping Shutter Format Mask for ARRI FLEX 435

K2.52064.0

exposed negative area:
24 mm x 13 mm

in preparation

Ground Glass Marking Dimensions

23.5 mm x 12.7 mm	=	DIN S35 projected area 1.85
25 mm x 14,2 mm	=	camera aperture with format mask K5.44305.0 + unexposed safety viewing space

tolerance for format markings on ground glass ± 0.02 mm

DIN S35 2.35 + 1.85 common top

Ground Glass

Frameglow

4-Perforation

3-Perforation

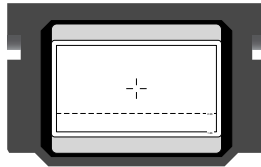
ARRICAM

N/A

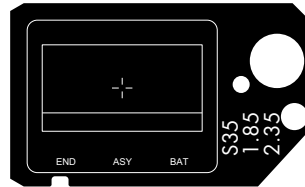
N/A

ARRIFLEX 435/535

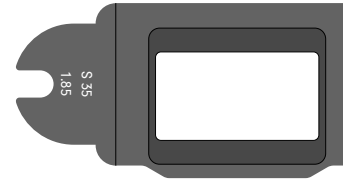
K2.44420.H



K2.47172.3



Format-Mask



K5.44305.0

exposed negative area:
24 mm x 13 mm

ARRICAM ST and LT:
not available

ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

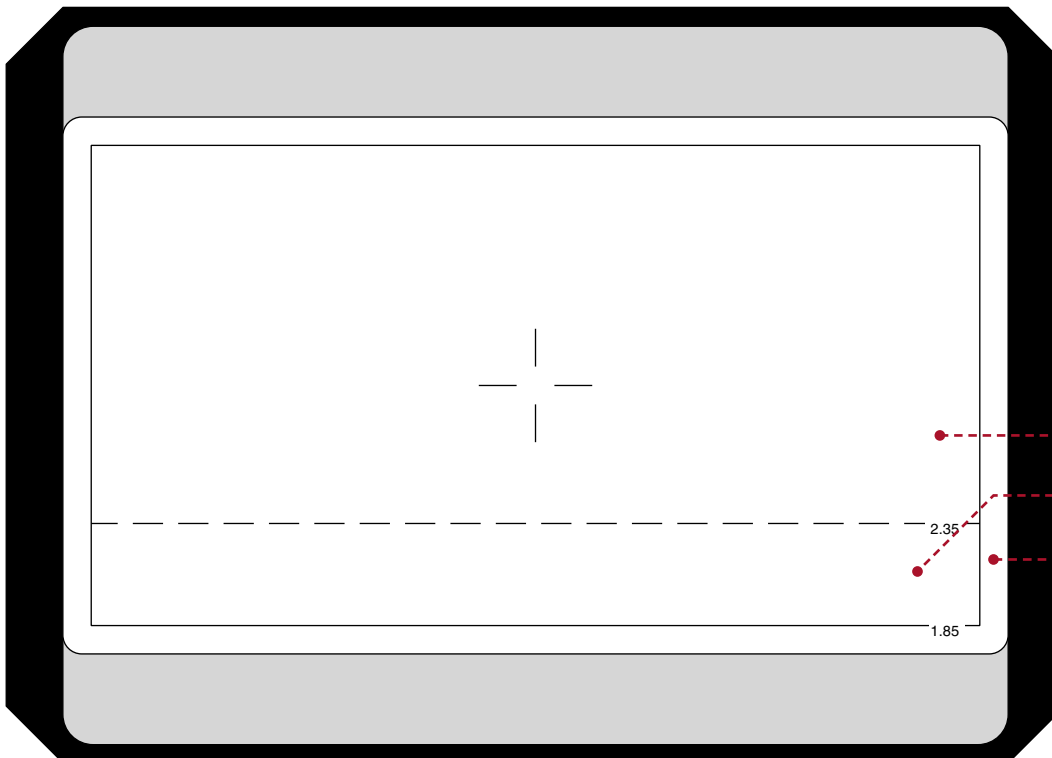
Capping Shutter Format Mask for ARRI FLEX 435

K2.52064.0

exposed negative area:
24 mm x 13 mm

in preparation

Ground Glass Marking Dimensions



23.5 mm x 10 mm	=	DIN S35 projected area 2.35
23.5 mm x 12.7 mm	=	DIN S35 projected area 1.85
25 mm x 14,2 mm	=	camera aperture with format mask K5.44305.0 + unexposed safety viewing space

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

DIN S35 1.85 + TV 1.33 safe

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

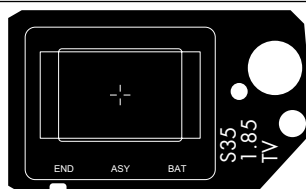
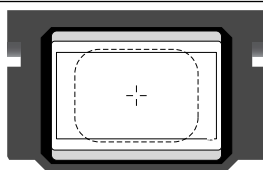
N/A

N/A

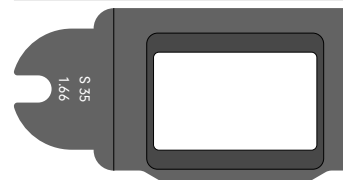
ARRIFLEX 435/535

K2.44420.I

K2.47059.3



Format-Mask



K5.41476.0

exposed negative area:
24 mm x 14.4 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

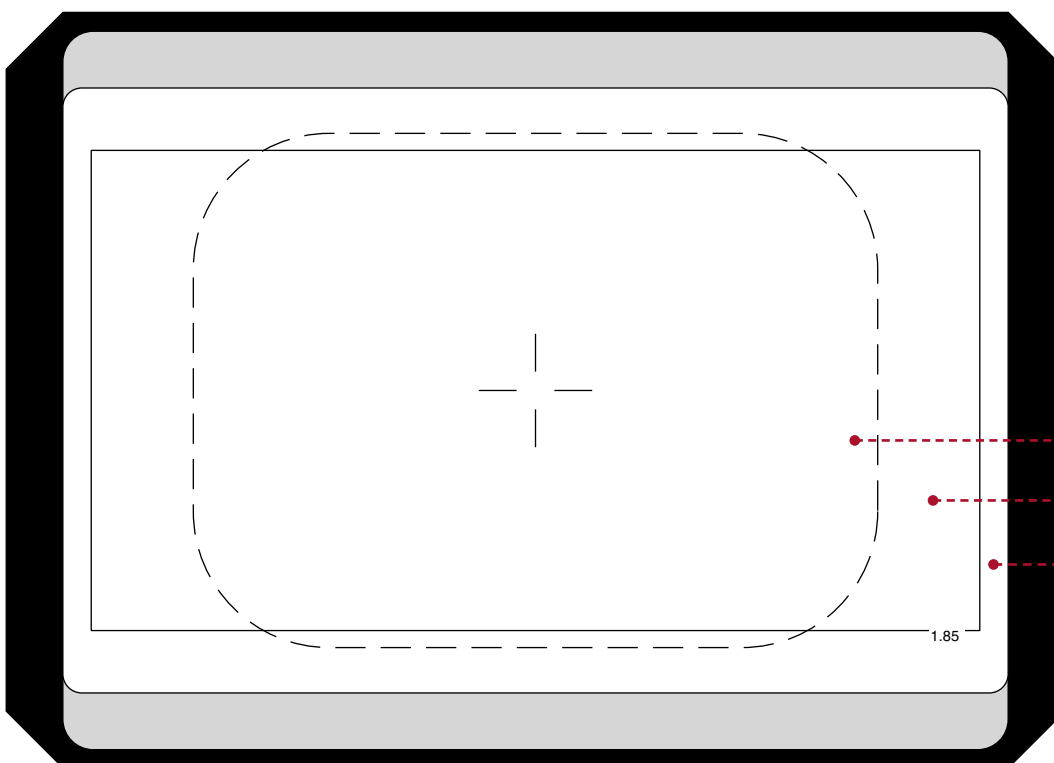
K2.52067.0

exposed negative area:
24 mm x 14.4 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions



18.1 mm x 13.6 mm = N35 TV 1.33 safe action (4:3)

23.5 mm x 12.7 mm = DIN S35 projected area 1.85

25 mm x 16 mm = camera aperture
with format mask K5.41476.0
+ unexposed safety viewing space

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

DIN S35 2.35 centric

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

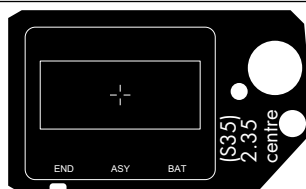
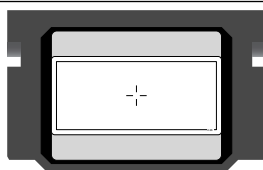
N/A

N/A

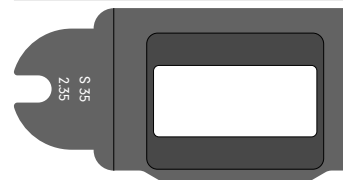
ARRIFLEX 435/535

K2.44420.W

K2.47035.3



Format-Mask



K5.42393.0

exposed negative area:
24 mm x 10.5 mm

ARRICAM ST and LT:
not available

ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

Capping Shutter Format Mask for ARRI FLEX 435

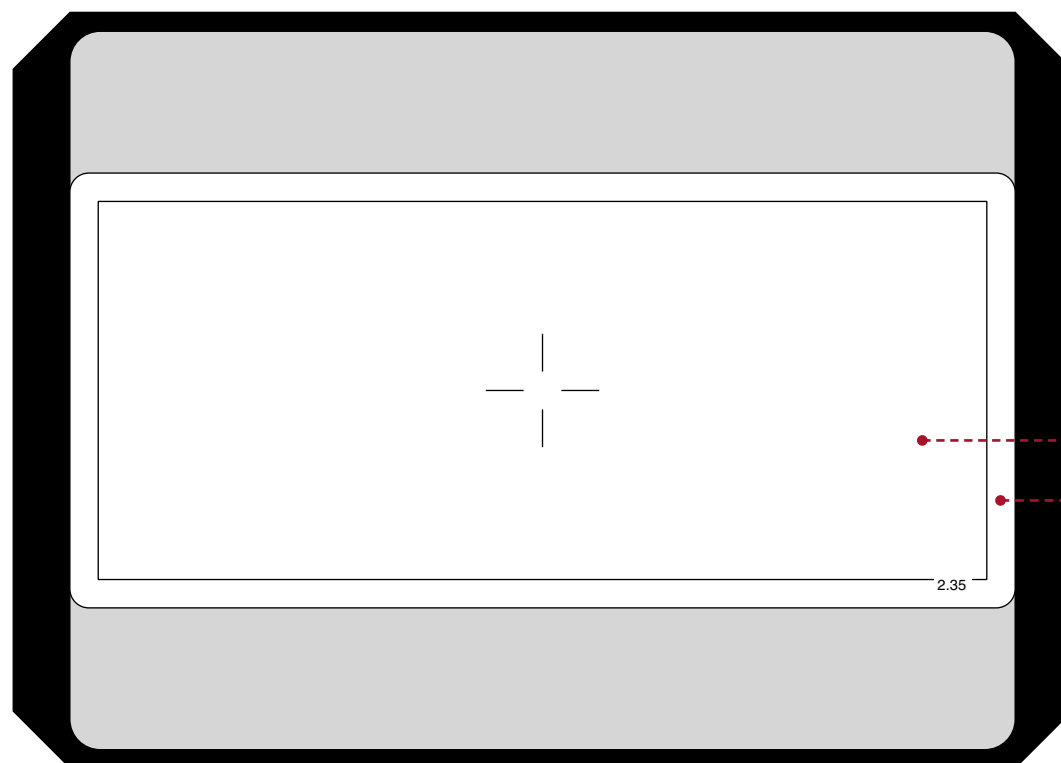
K2.52063.0

exposed negative area:
24 mm x 10.5 mm

in preparation

Ground Glass Marking Dimensions

23.5 mm x 10 mm	=	DIN S35 projected area 2.35
25 mm x 11,5 mm	=	camera aperture with format mask K5.42393.0 + unexposed safety viewing space



drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

DIN S35 TV 1.78 safe

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

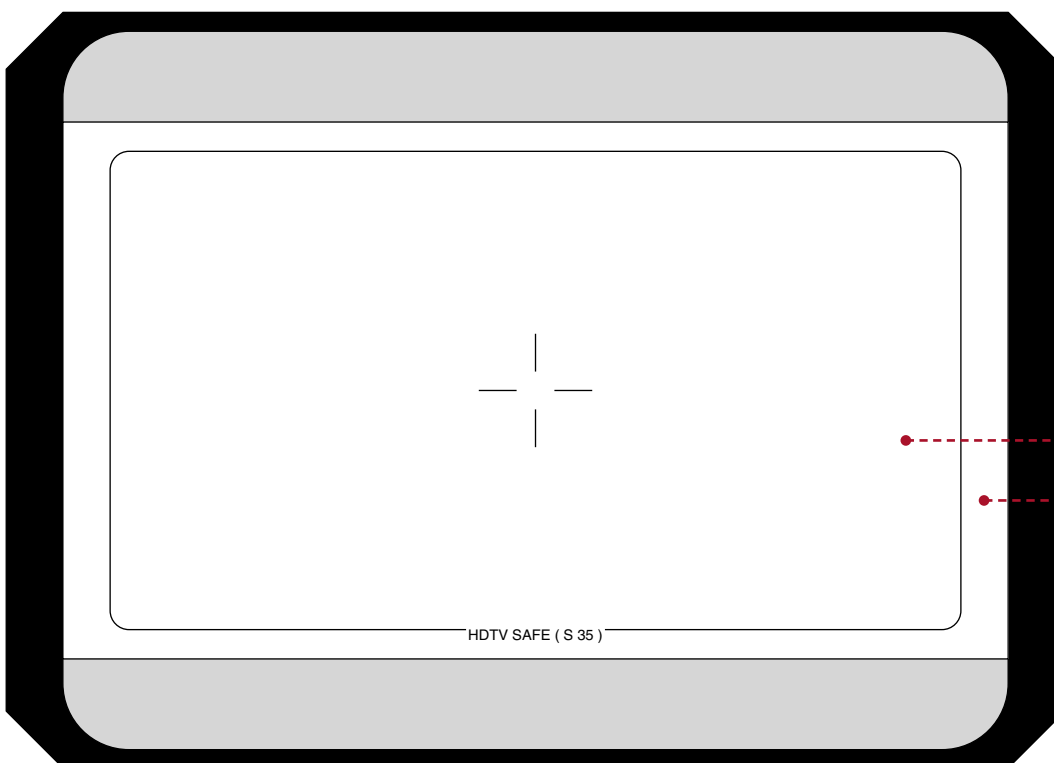
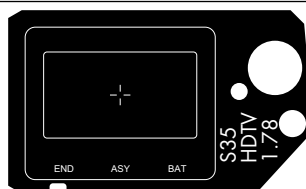
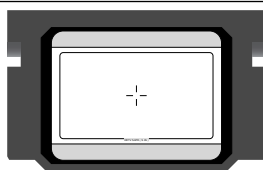
N/A

N/A

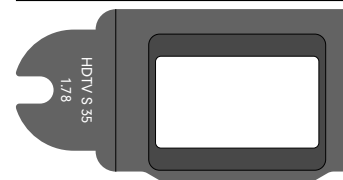
ARRIFLEX 435/535

K2.44420.2

K2.47008.3



Format-Mask



K5.41474.0

exposed negative area:
24 mm x 13.5 mm

ARRICAM ST and LT
not available

ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
exposed negative area:
24.25 mm x 14 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52065.0

exposed negative area:
24 mm x 13.5 mm

in preparation

Ground Glass Marking Dimensions

22.5 mm x 12.65 mm	=	DIN S35 TV 1.78 safe action (16:9)
25 mm x 14,2 mm	=	camera aperture with format mask K5.41474.0 + unexposed safety viewing space

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

DIN S35 TV 1.33 safe

Ground Glass

Frameglow

4-Perforation

3-Perforation

ARRICAM

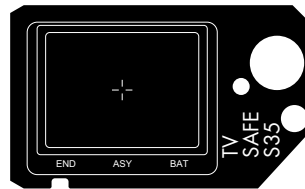
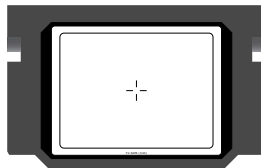
N/A

N/A

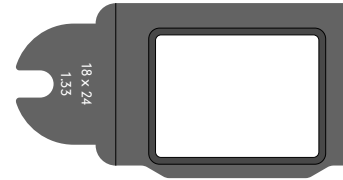
ARRIFLEX 435/535

K2.41200.F

K2.47281.3



Format-Mask



K5.42392.0

exposed negative area:
24 mm x 18 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52062.0

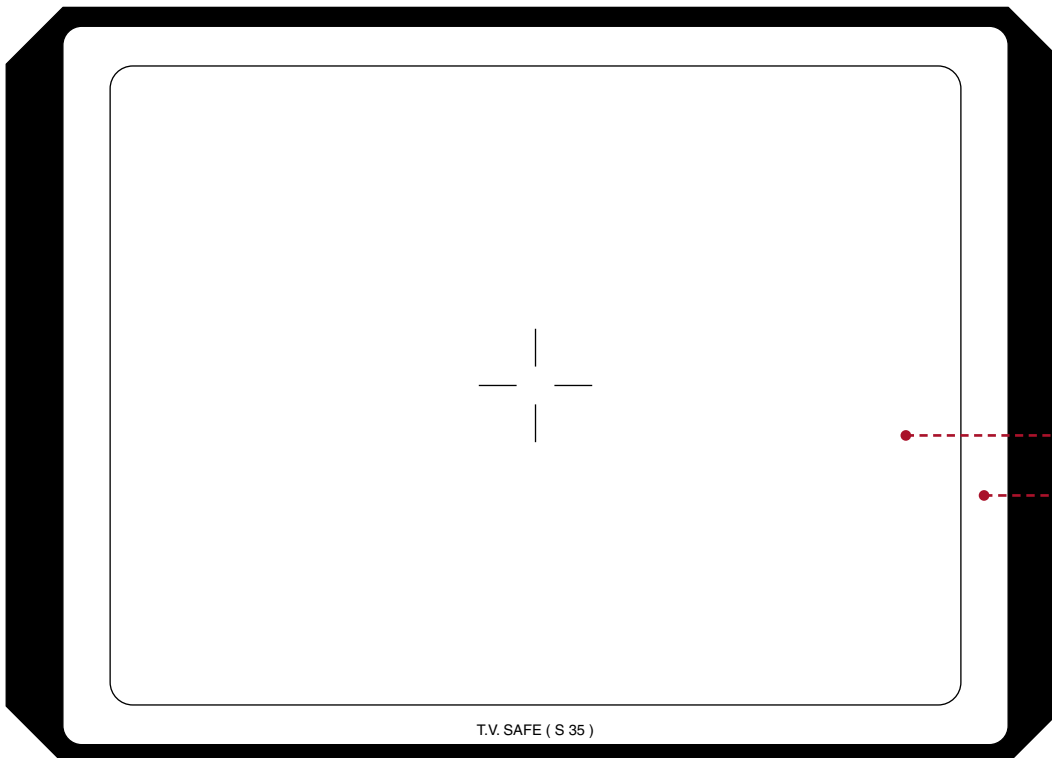
exposed negative area:
24 mm x 18 mm



No 3-perforation
operation possible!

Ground Glass Marking Dimensions

22.5 mm x 16.9 mm	=	DIN S35 TV 1.33 safe action (4:3)
25 mm x 19 mm	=	camera aperture with format mask K5.42392.0 + unexposed safety viewing space

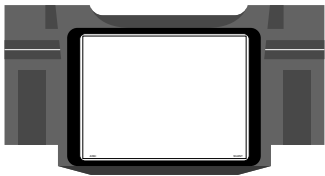
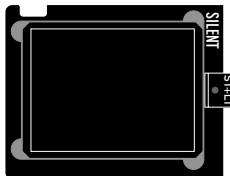
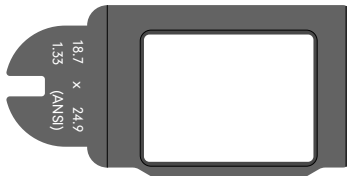

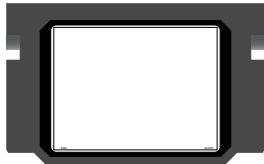
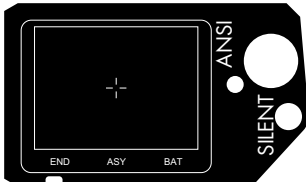


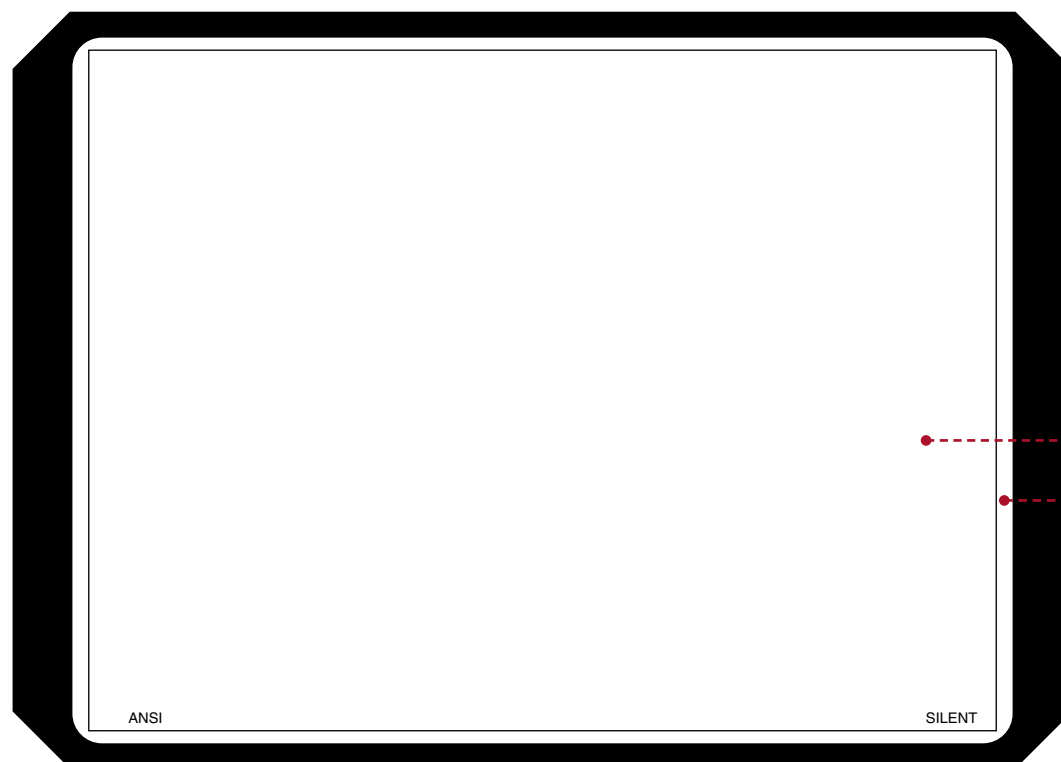
drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm


ANSI S35 Silent 1.33

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54083.0 	K2.54119.0 	Format-Mask 	 No 3-perforation operation possible!
ARRIFLEX 435/535	K2.47433.0 	K2.47434.0 	K5.54352.0 exposed negative area 24.9 mm x 18.7 mm	



Capping Shutter Format Mask for ARRIFLEX 435

K2.52242.0
exposed negative area:
24.9 mm x 18.7 mm

 No 3-perforation operation possible!

 No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 18 mm	=	ANSI S35 projected area 1.33
24.9 mm x 18.7 mm	=	camera aperture with format mask K5.54352.0

drawing scale 5:1

© ARRI

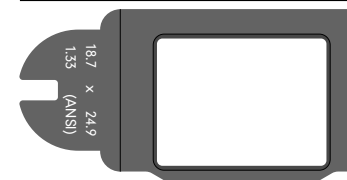
tolerance for format markings on ground glass ± 0.02 mm

ANSI S35 TV 1.33 safe

	Ground Glass	Frameglow
ARRICAM	K2.54105.0	K2.54121.0
ARRIFLEX 435/535	K2.47413.0	K2.47425.0

4-Perforation	3-Perforation
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Format-Mask



K5.54352.0

exposed negative area
24.9 mm x 18.7 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52242.0

exposed negative area:
24.9 mm x 18.7 mm



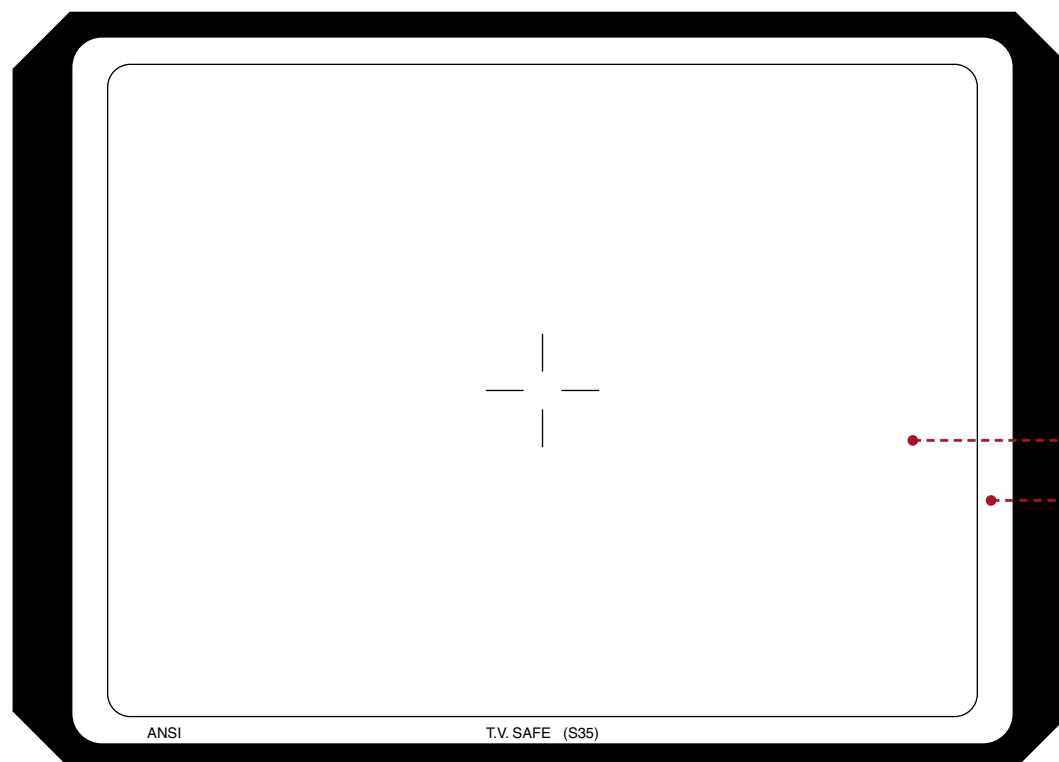
No 3-perforation
operation possible!



No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

23 mm x 17.25 mm	=	ANSI S35 TV 1.33 safe action (4:3)
24.9 mm x 18.7 mm	=	camera aperture with format mask K5.54352.0

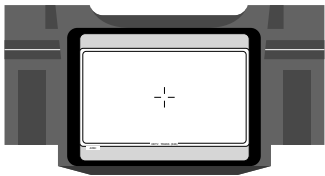
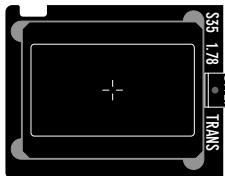
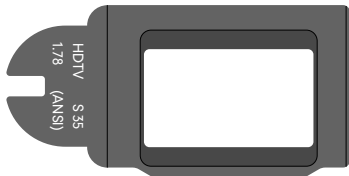
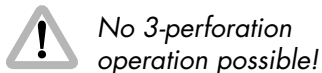
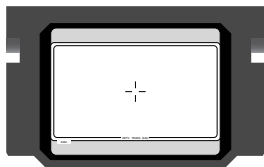
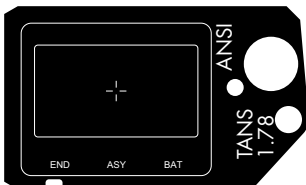


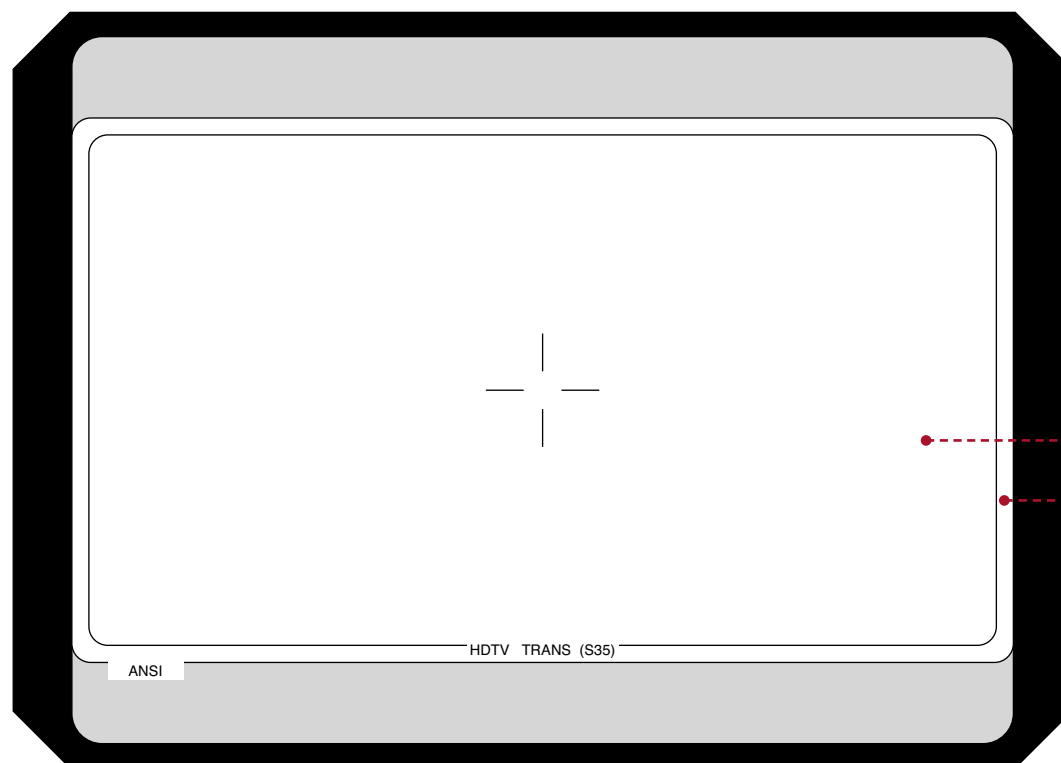
drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm


ANSI S35 TV 1.78 transmitted

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54106.0	K2.54122.0	Format-Mask	
				
ARRIFLEX 435/535	K2.47414.0	K2.47426.0		
				



Capping Shutter Format Mask for ARRIFLEX 435

K2.52245.0
exposed negative area:
24.9 mm x 14.4 mm

 No 3-perforation operation possible!

 No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 13.5 mm	=	ANSI S35 TV 1.78 transmitted (16:9)
24.9 mm x 14.4 mm	=	camera aperture with format mask K5.59775.0

drawing scale 5:1

© ARRI

tolerance for format markings on ground glass ± 0.02 mm

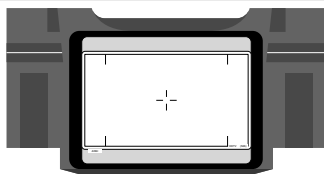
ANSI S35 TV 1.78 + 1.33 trans

Ground Glass

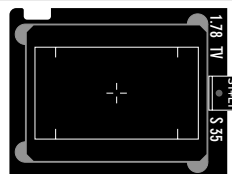
Frameglow

ARRICAM

K2.54060.0

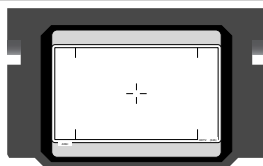


K2.54054.0

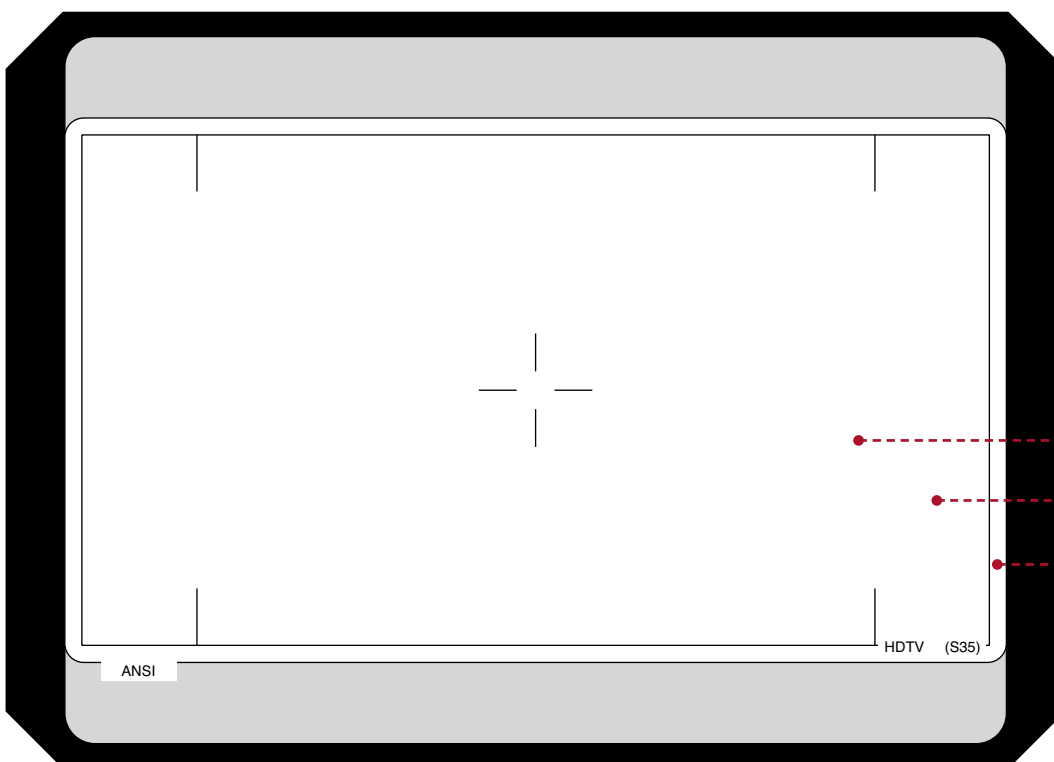
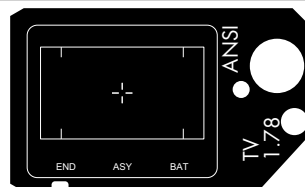


ARRIFLEX 435/535

K2.47410.0



K2.47422.0

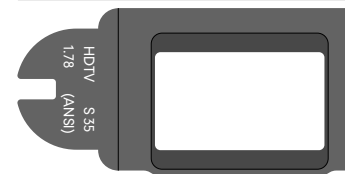


drawing scale 5:1

4-Perforation

3-Perforation

Format-Mask



K5.59775.0

exposed negative area
24.9 mm x 14.4 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52245.0

exposed negative area:
24.9 mm x 14.4 mm



No 3-perforation
operation possible!



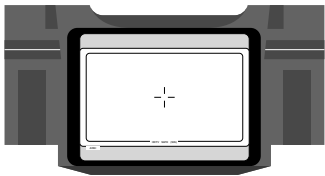
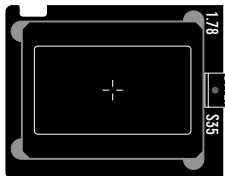
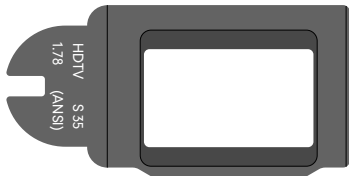

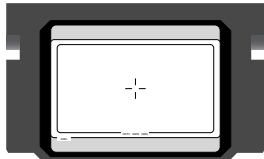
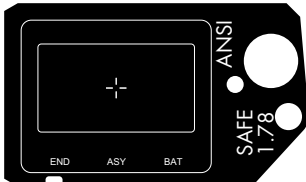
No Time Code exposure with ARRIFLEX 435/535

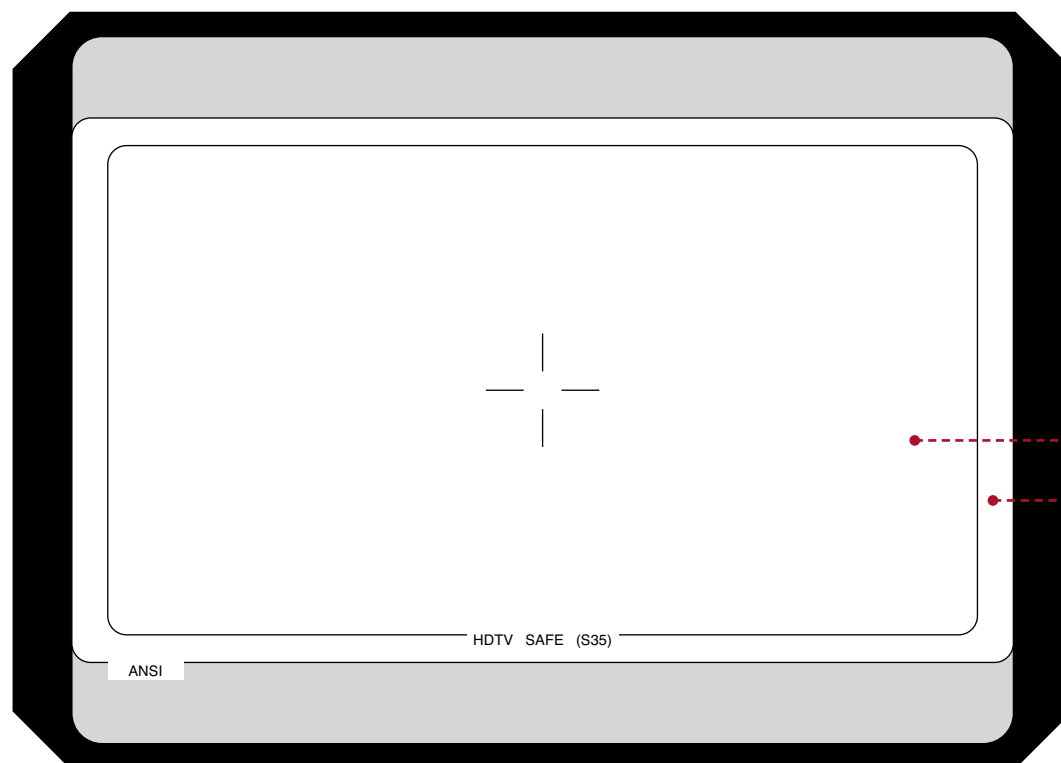
Ground Glass Marking Dimensions

17.93 mm x 13.5 mm	=	ANSI S35 TV 1.33 transmitted (4:3)
24 mm x 13.5 mm	=	ANSI S35 TV 1.78 transmitted (16:9)
24.9 mm x 14.4 mm	=	camera aperture with format mask K5.59775.0

tolerance for format markings on ground glass ± 0.02 mm


ANSI S35 TV 1.78 safe

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54107.0 	K2.54115.0 	Format-Mask 	 No 3-perforation operation possible!
ARRIFLEX 435/535	K2.47415.0 	K2.47427.0 	K5.59775.0 exposed negative area 24.9 mm x 14.4 mm	



Capping Shutter Format Mask for ARRIFLEX 435

K2.52245.0
exposed negative area:
24.9 mm x 14.4 mm

 No 3-perforation operation possible!

 No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

23 mm x 12.94 mm = ANSI S35 TV 1.78 safe action (16:9)
24.9 mm x 14.4 mm = camera aperture with format mask K5.59775.0

ANSI S35 1.78 + 1.55 + 1.33 CGG

Ground Glass

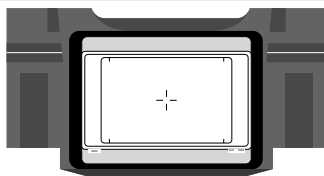
Frameglow

4-Perforation

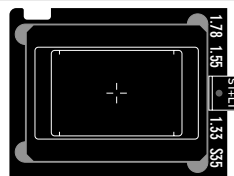
3-Perforation

ARRICAM

K2.54085.0

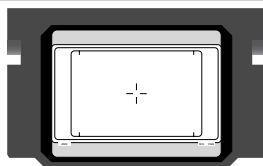


K2.54089.0

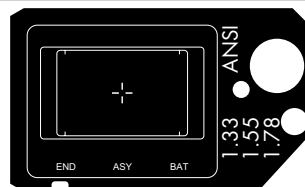


ARRIFLEX 435/535

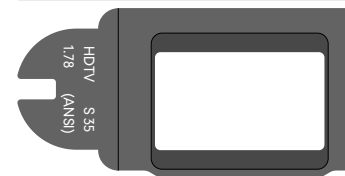
K2.47419.0



K2.47431.0



Format-Mask



K5.59775.0

exposed negative area
24.9 mm x 14.4 mm



No 3-perforation
operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52245.0

exposed negative area:
24.9 mm x 14.4 mm



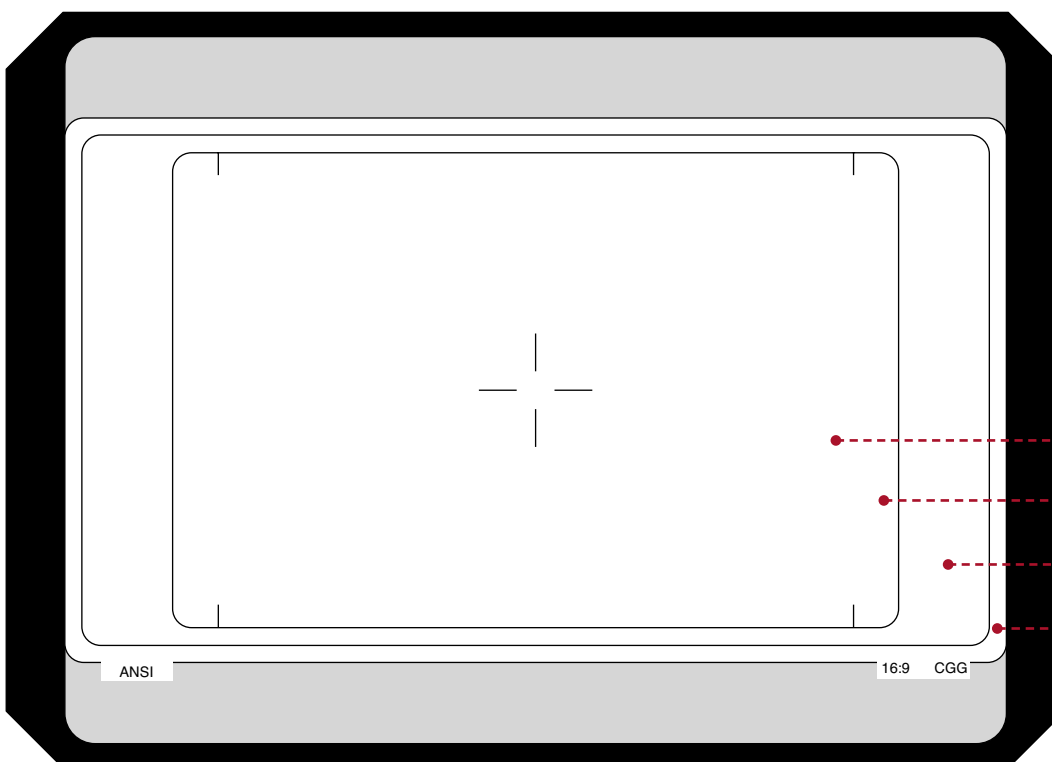
No 3-perforation
operation possible!



No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

16.8 mm x 12.56 mm	=	ANSI S35 1.33
19.2 mm x 12.56 mm	=	ANSI S35 1.55
24 mm x 13.5 mm	=	ANSI S35 TV 1.78 transmitted (16:9)
24.9 mm x 14.4 mm	=	camera aperture with format mask K5.59775.0

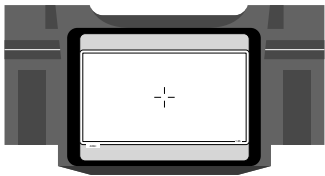
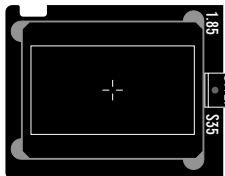
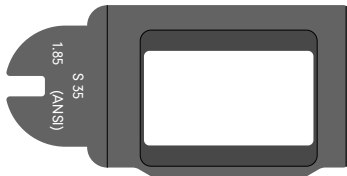
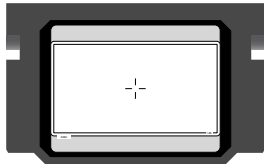
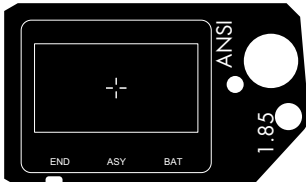


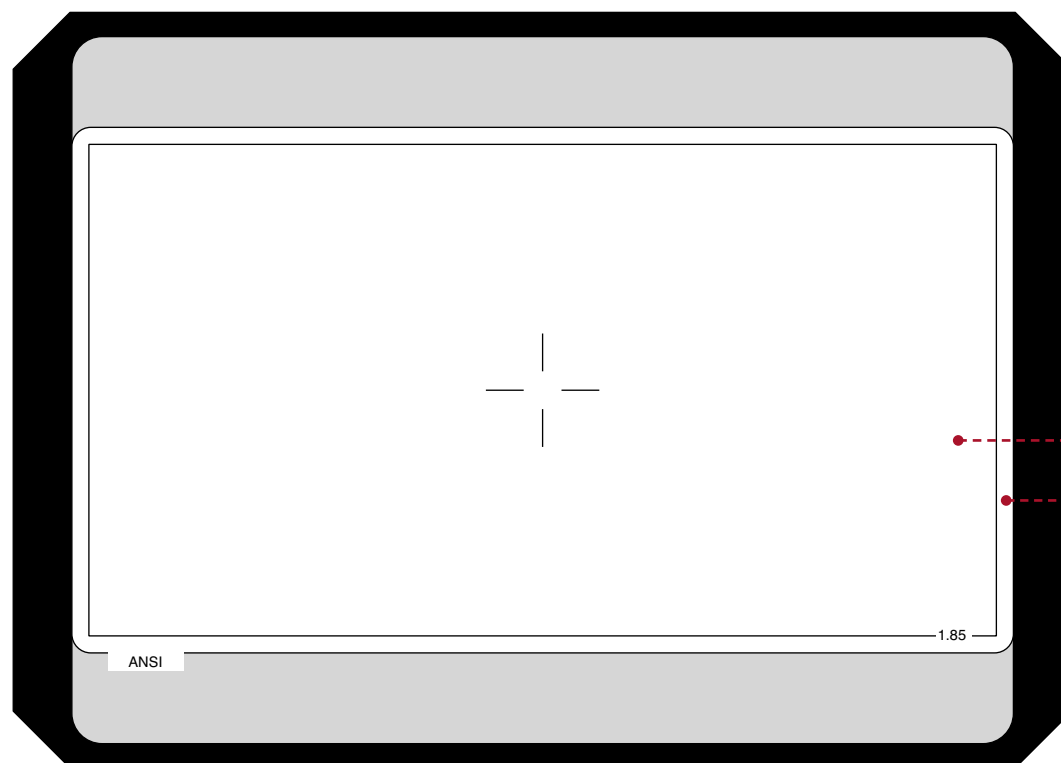
drawing scale 5:1

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tolerance for format markings on ground glass ± 0.02 mm

ANSI S35 1.85

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54108.0 	K2.54114.0 	Format-Mask 	ARRICAM ST and LT: Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm
ARRIFLEX 435/535	K2.47409.0 	K2.47421.0 	K5.59774.0 exposed negative area 24.9 mm x 13.9 mm	ARRIFLEX 435: dedicated 3-perforation camera + film gate for ANSI K2.47374.0 ARRIFLEX 535/535B: Conversion Kit K4.47760.0 + film gate for ANSI K2.47375.0 exposed negative area: 24.9 mm x 14 mm



Capping Shutter Format Mask for ARRIFLEX 435

K2.52244.0
exposed negative area:
24.9 mm x 13.9 mm

in preparation



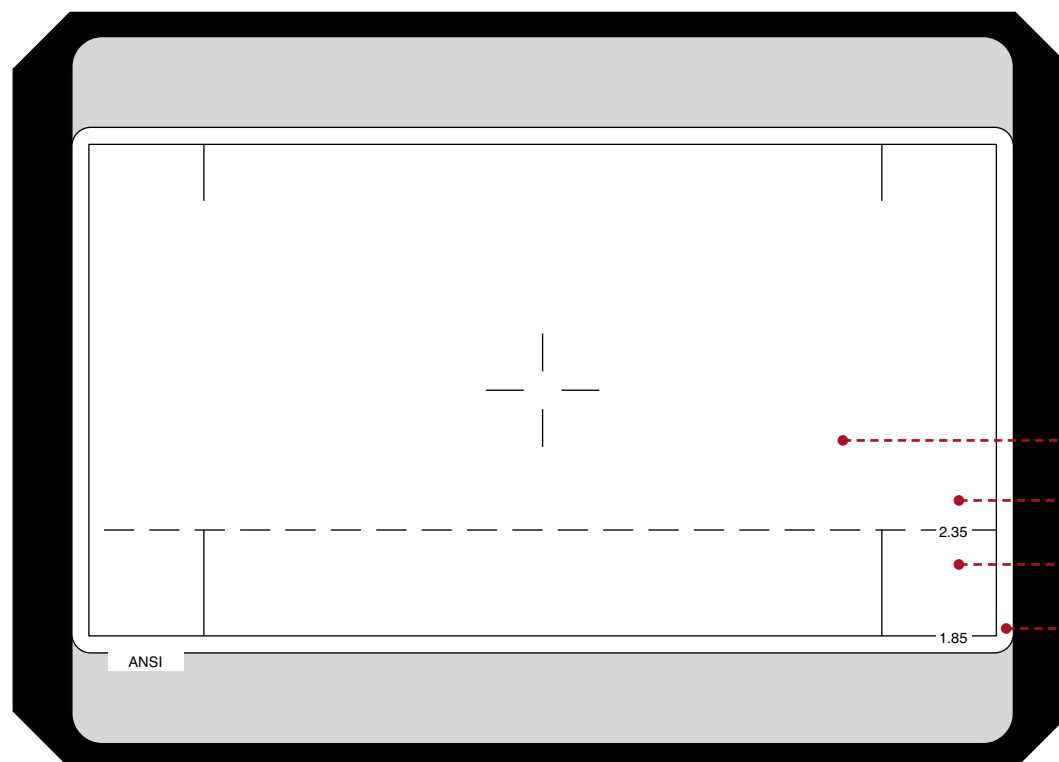
No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59774.0

ANSI S35 2.35 + 1.85 + TV 1.33 Trans

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54061.0	K2.54055.0 for ST K2.54094.0 for LT	Format-Mask K5.59774.0 exposed negative area 24.9 mm x 13.9 mm	ARRICAM ST and LT: Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm ARRIFLEX 435: dedicated 3-perforation camera + film gate for ANSI K2.47374.0 ARRIFLEX 535/535B: Conversion Kit K4.47760.0 + film gate for ANSI K2.47375.0 exposed negative area: 24.9 mm x 14 mm
ARRIFLEX 435/535	K2.47411.0	K2.47423.0		



drawing scale 5:1

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Capping Shutter Format Mask for ARRIFLEX 435

K2.52244.0
exposed negative area:
24.9 mm x 13.9 mm

in preparation



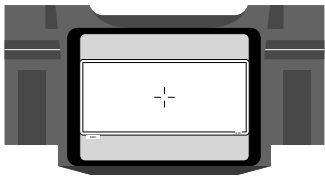
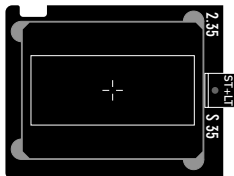
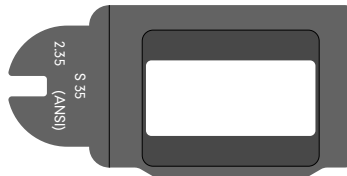
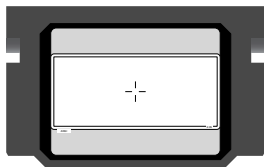
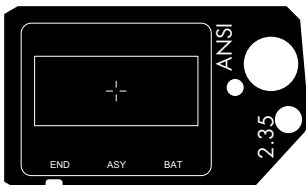
No Time Code exposure with ARRIFLEX 435/535

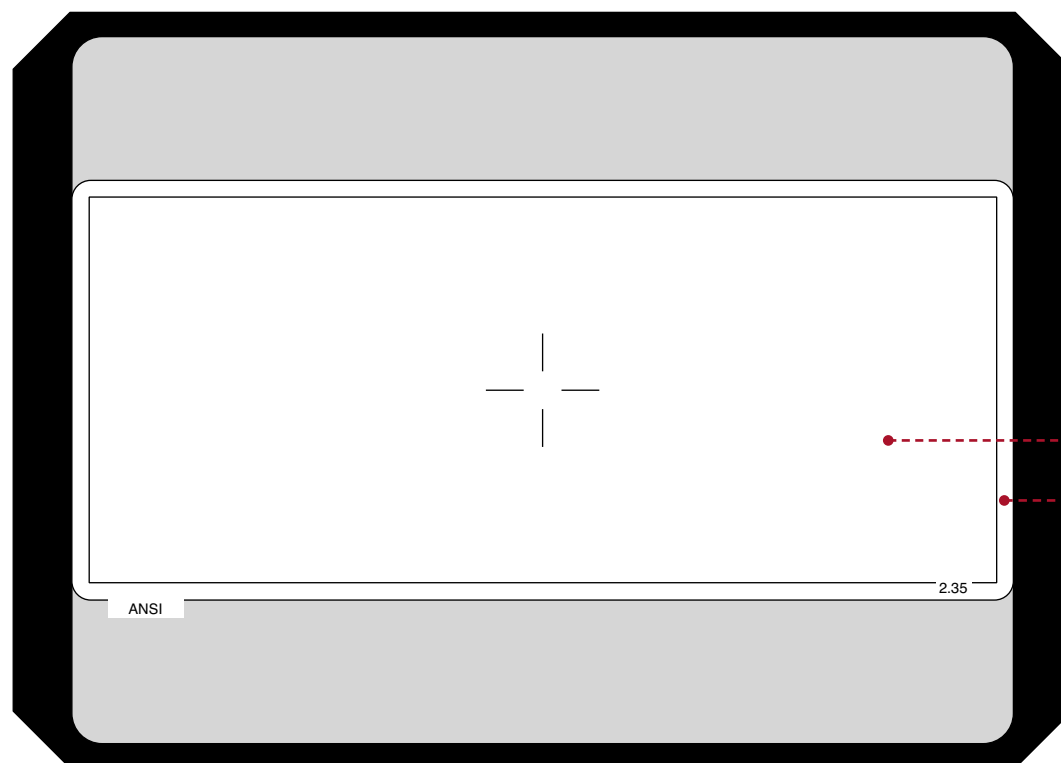
Ground Glass Marking Dimensions

17.93 mm x 13 mm	=	ANSI S35 TV 1.33 transmitted area (4:3)*
24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59774.0

***Note:** ANSI S35 TV 1.33 transmitted area = 17.93 mm x 13.5 mm
second line not shown for better readability
tolerance for format markings on ground glass ± 0.02 mm

ANSI S35 2.35 centric

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54109.0 	K2.54092.0 	Format-Mask 	ARRICAM ST and LT: Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm
ARRIFLEX 435/535	K2.47416.0 	K2.47428.0 	K5.59773.0 exposed negative area: 24.9 mm x 11.1 mm	ARRIFLEX 435: dedicated 3-perforation camera + film gate for ANSI K2.47374.0 ARRIFLEX 535/535B: Conversion Kit K4.47760.0 + film gate for ANSI K2.47375.0 exposed negative area: 24.9 mm x 14 mm



Capping Shutter Format Mask for ARRIFLEX 435

K2.52243.0
exposed negative area:
24.9 mm x 11.1 mm

in preparation



No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24.9 x 11.1 mm	=	camera aperture with format mask K5.59773.0

ANSI S35 2.35 + 1.85 1/4 offset

Ground Glass

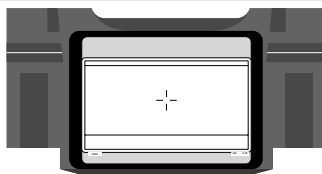
Frameglow

4-Perforation

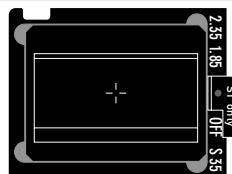
3-Perforation

ARRICAM

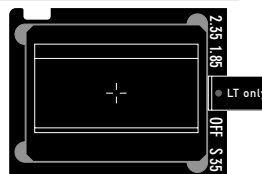
K2.54110.0



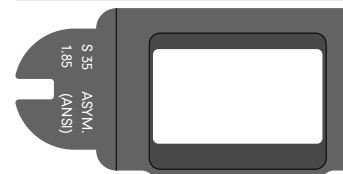
K2.54088.0 for ST



K2.54096.0 for LT



Format-Mask



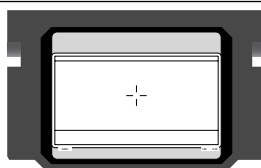
No 3-perforation operation possible!

K5.59776.0

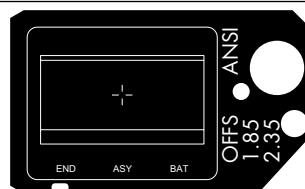
exposed negative area
24.9 mm x 13.9 mm

ARRIFLEX 435/535

K2.47417.0



K2.47429.0



Capping Shutter Format Mask for ARRIFLEX 435

K2.52246.0

exposed negative area:
24.9 mm x 13.9 mm



No 3-perforation operation possible!

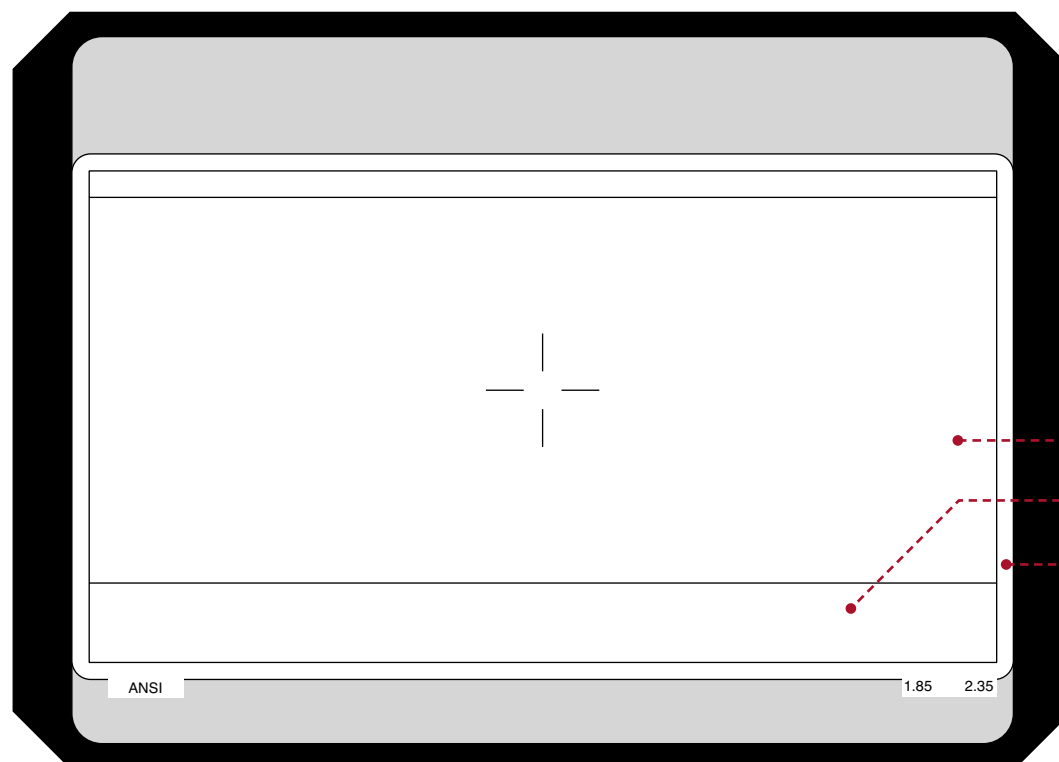


No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59776.0

1/4 offset (lines 24 mm x 13 mm shifted 0.7mm down against center cross)



drawing scale 5:1

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tolerance for format markings on ground glass ±0.02 mm

ANSI S35 2.35 + 1.85 centric

Ground Glass

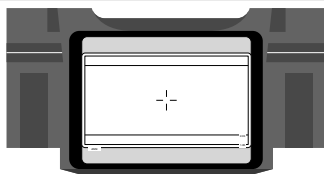
Frameglow

4-Perforation

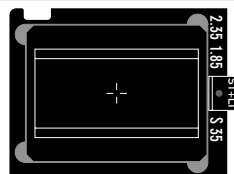
3-Perforation

ARRICAM

K2.54087.0

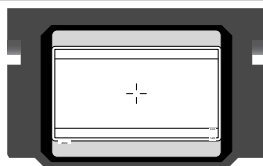


K2.54091.0

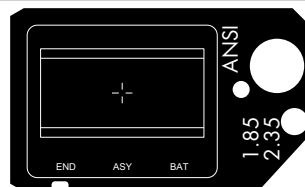


ARRIFLEX 435/535

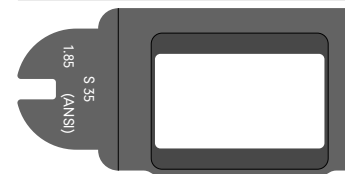
K2.47420.0



K2.47432.0



Format-Mask



K5.59774.0

exposed negative area
24.9 mm x 13.9 mm

ARRICAM ST and LT:
Conversion Kit K2.54165.0
exposed negative area:
24.9 mm x 13.9 mm

ARRIFLEX 435:
dedicated 3-perforation camera
+ film gate for ANSI K2.47374.0

ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
+ film gate for ANSI K2.47375.0
exposed negative area:
24.9 mm x 14 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52244.0

exposed negative area:
24.9 mm x 13.9 mm

in preparation



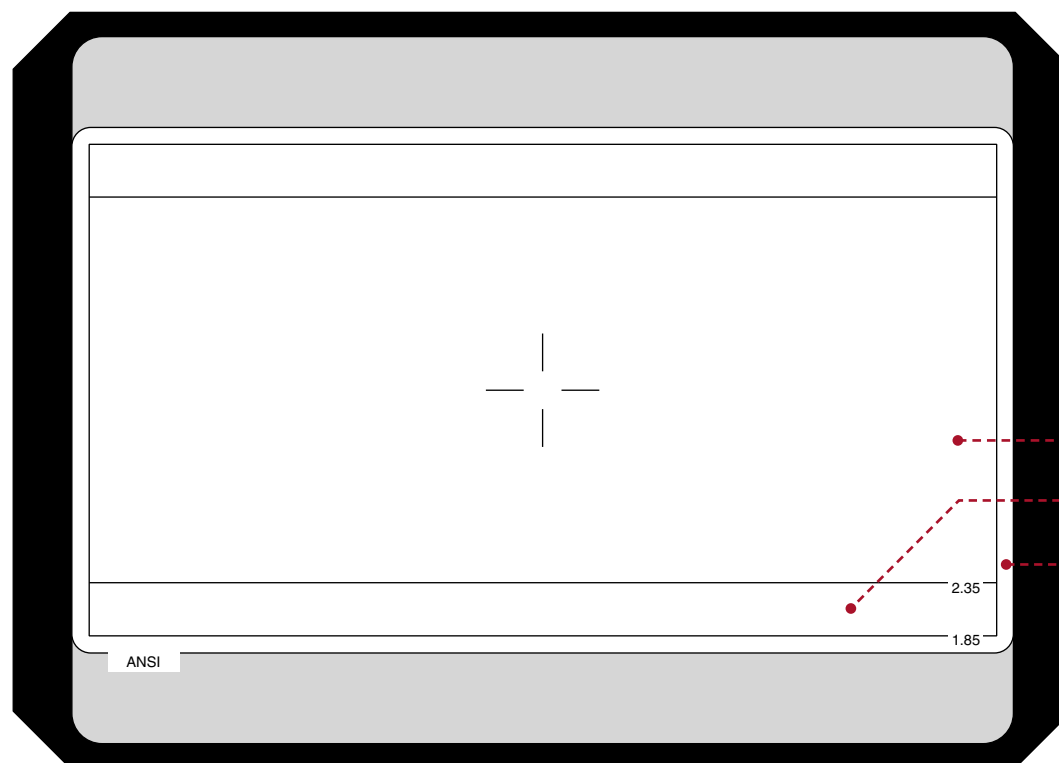
No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59774.0

centric

tolerance for format markings on ground glass ± 0.02 mm

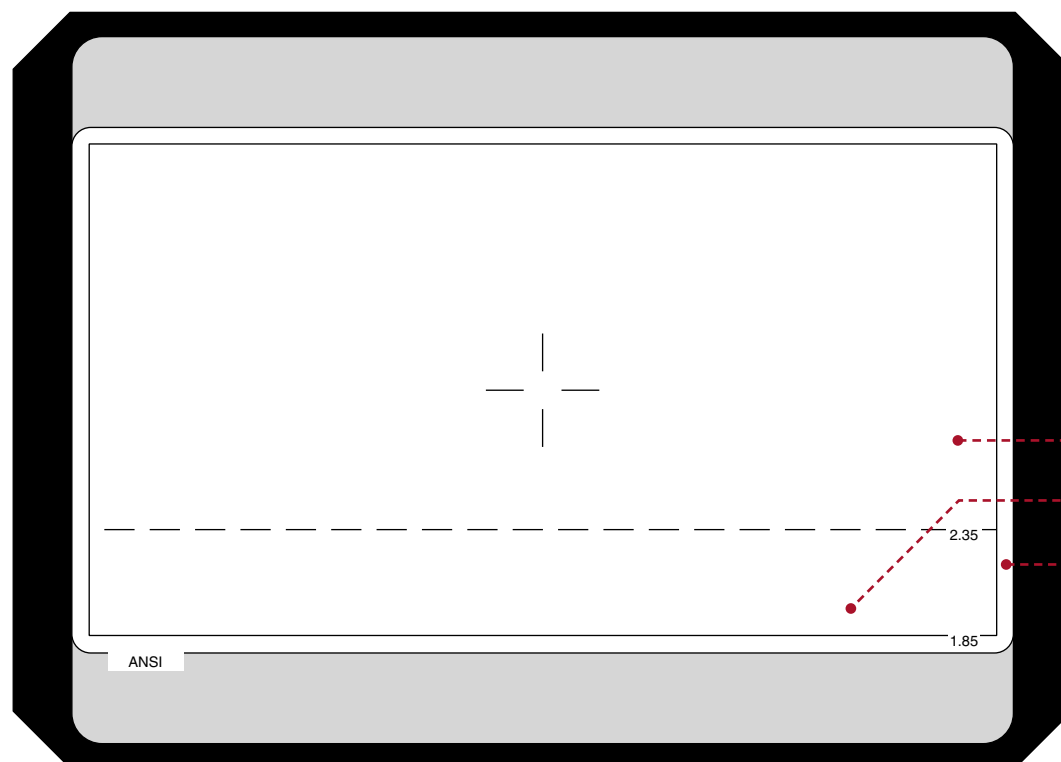


drawing scale 5:1

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ANSI S35 2.35 + 1.85 common top

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54111.0	K2.54116.0 for ST K2.54095.0 for LT	Format-Mask	ARRICAM ST and LT: Conversion Kit K2.54165.0 exposed negative area: 24.9 mm x 13.9 mm
ARRIFLEX 435/535	K2.47418.0	K2.47430.0	K5.59774.0 exposed negative area 24.9 mm x 13.9 mm	ARRIFLEX 435: dedicated 3-perforation camera + film gate for ANSI K2.47374.0 ARRIFLEX 535/535B: Conversion Kit K4.47760.0 + film gate for ANSI K2.47375.0 exposed negative area: 24.9 mm x 14 mm



Capping Shutter Format Mask for ARRIFLEX 435

K2.52244.0
exposed negative area:
24.9 mm x 13.9 mm

in preparation



No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59774.0

common top

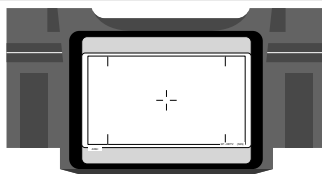
ANSI S35 3 P TV 1.78 + 1.33 Trans

Ground Glass

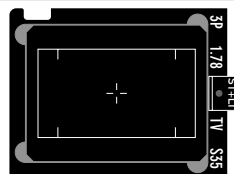
Frameglow

ARRICAM

K2.54063.0

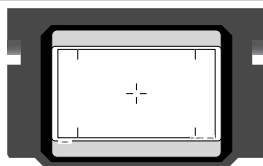


K2.54057.0

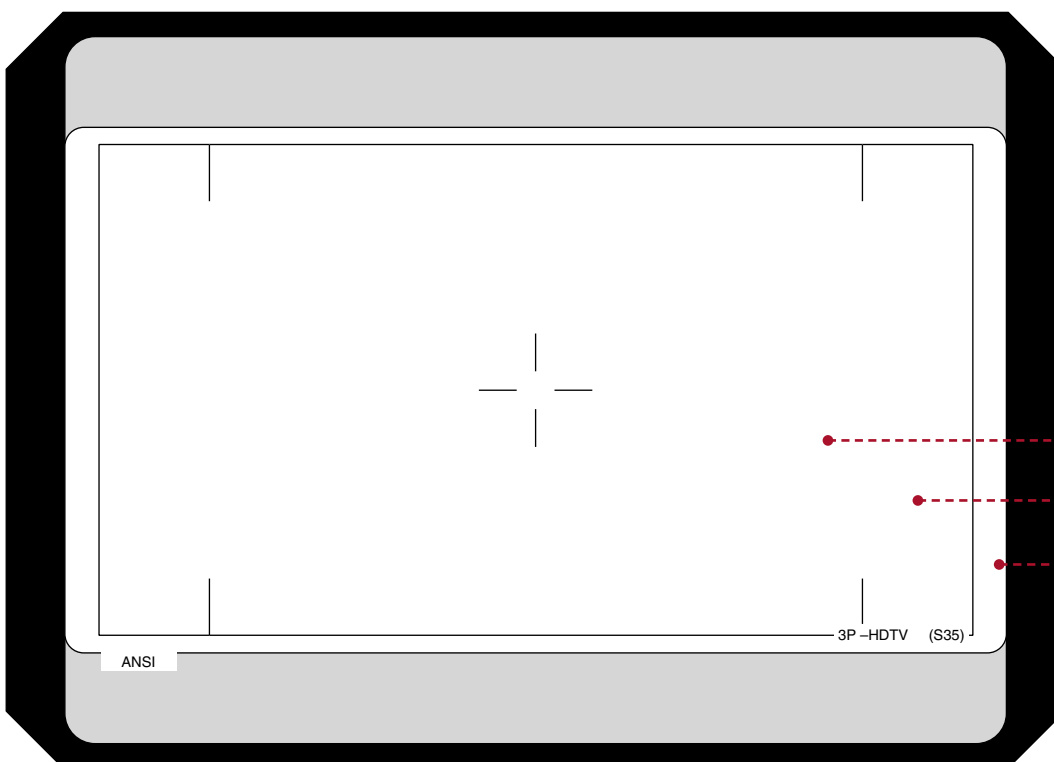
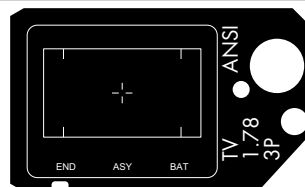


ARRIFLEX 435/535

K2.47412.0



K2.47424.0



drawing scale 5:1

4-Perforation

3-Perforation

Format-Mask



No 4-perforation operation possible!

ARRICAM ST and LT:
Conversion Kit K2.54165.0
exposed negative area:
24.9 mm x 13.9 mm

ARRIFLEX 435:
dedicated 3-perforation camera
+ film gate for ANSI K2.47374.0

ARRIFLEX 535/535B:
Conversion Kit K4.47760.0
+ film gate for ANSI K2.47375.0
exposed negative area:
24.9 mm x 14 mm

Capping Shutter Format Mask for ARRIFLEX 435



No 4-perforation operation possible!

in preparation

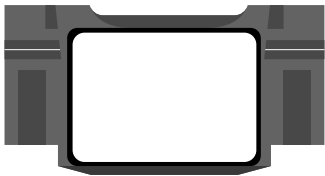
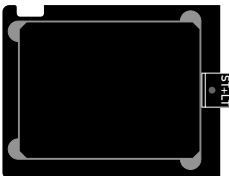
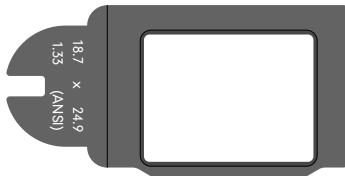

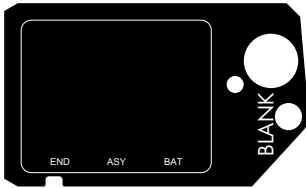





No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

17.27 mm x 12.98 mm	=	N35 3 perforation TV 1.33 transmitted (4:3)
23.11 mm x 12.98 mm	=	ANSI S35 3 perforation TV 1.78 transmitted (16:9)
24.9 mm x 13.9 mm	=	camera aperture with 3 perforation type ARRICAMs

Blank

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54142.0 	K2.54141.0 	Format-Mask  K5.54352.0 exposed negative area 24.9 mm x 18.7 mm	 No 3-perforation operation possible!
ARRIFLEX 435/535	N / A	K2.47169.0 	Capping Shutter Format Mask for ARRIFLEX 435 not available	 No 3-perforation operation possible!
			 No Time Code exposure with ARRIFLEX 435/535	
			Ground Glass Marking Dimensions	
			no markings on blank ground glass	

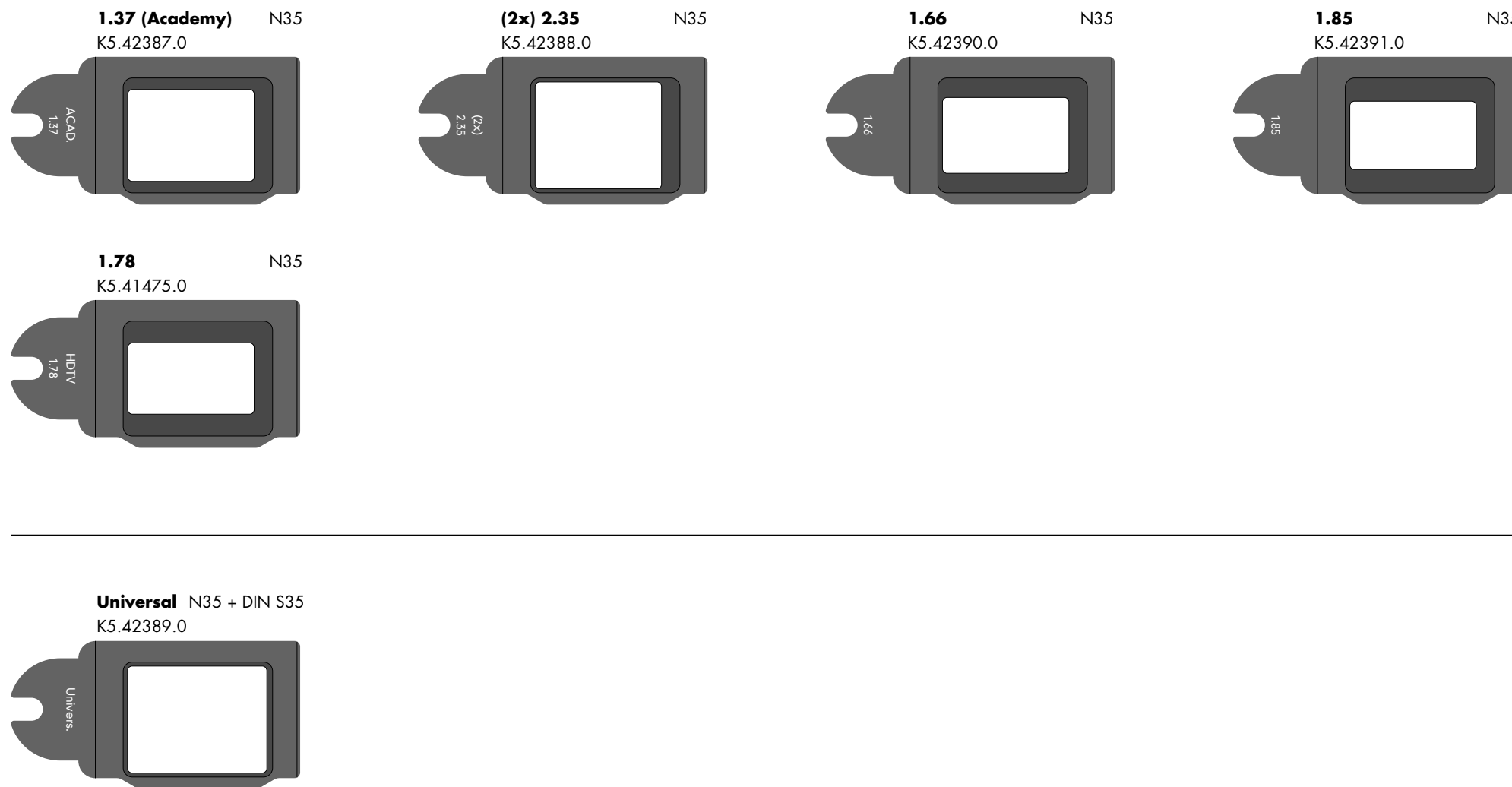
drawing scale 5:1

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tolerance for format markings on ground glass ± 0.02 mm

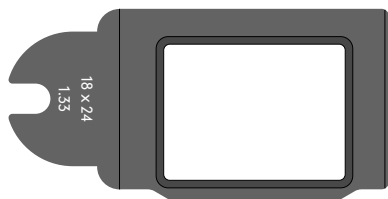
3.4 DIN N35 – Format Mask Template

In the ground glass drawings section there is a format mask cited for each ground glass. This represents the smallest aperture suitable for the given ground glass. It is however possible to use format masks with larger apertures and to extract the required image format from the negative in post-production.

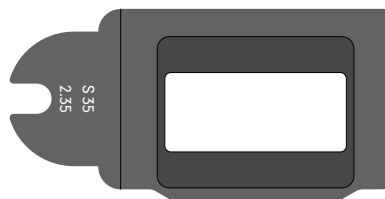


3.5 DIN S35 – Format Mask Template

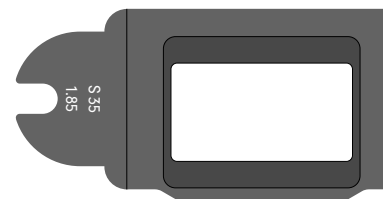
1.33 (Silent) DIN S35
K5.42392.0



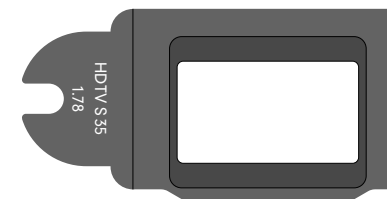
2.35 DIN S35
K5.42393.0



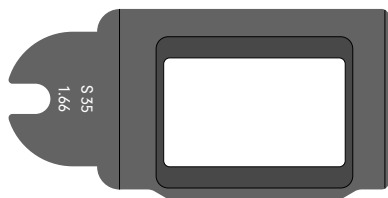
1.85 DIN S35
K5.44305.0



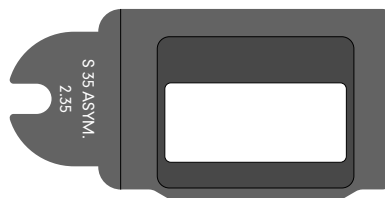
1.78 DIN S35
K5.41474.0



1.66 DIN S35
K5.41476.0

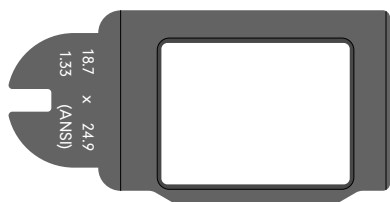


2.35 Asym. DIN S35
K5.41477.0

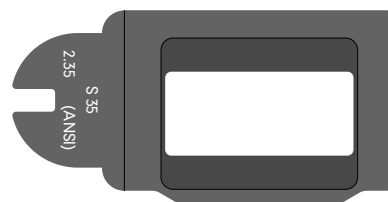


3.6 ANSI S35 – Format Mask Template

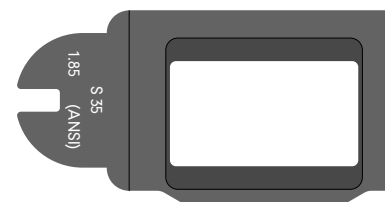
1.33 ANSI S35
K5.54352.0



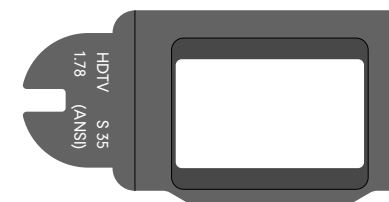
2.35 ANSI S35
K5.59773.0



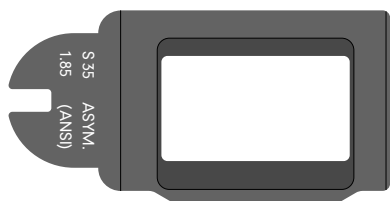
1.85 ANSI S35
K5.59774.0



1.78 ANSI S35
K5.59775.0



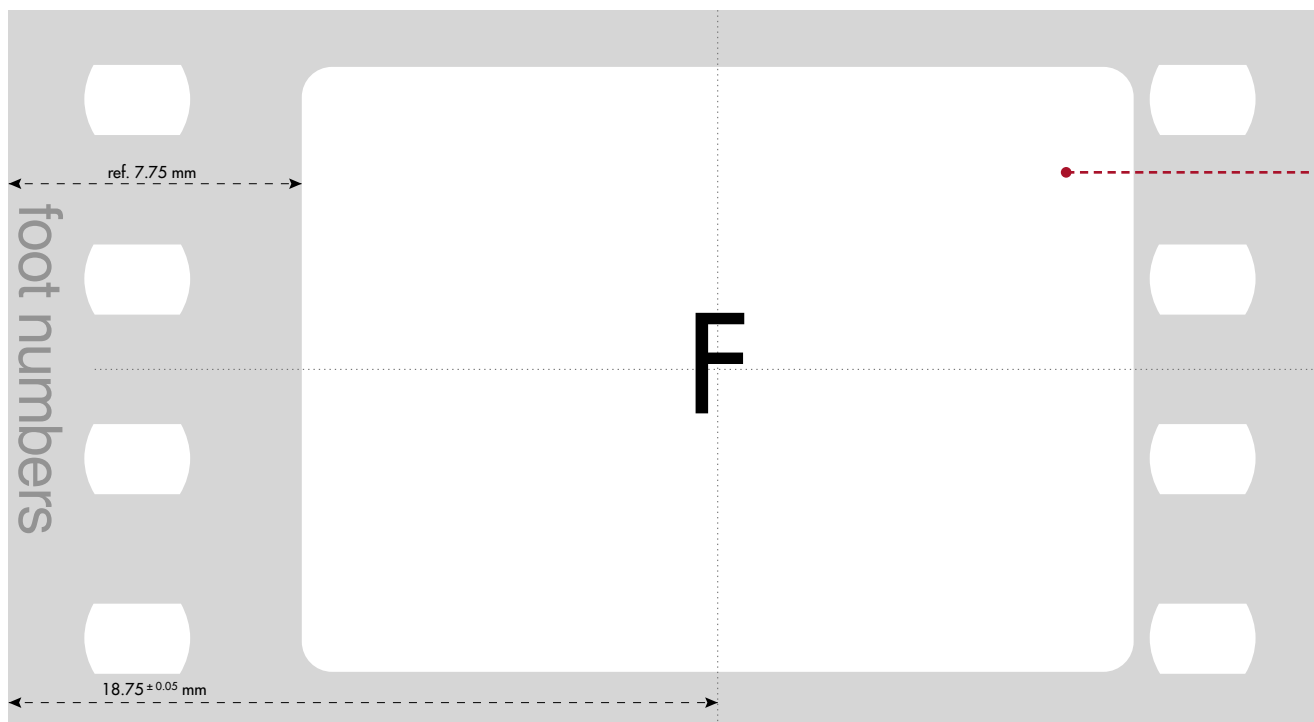
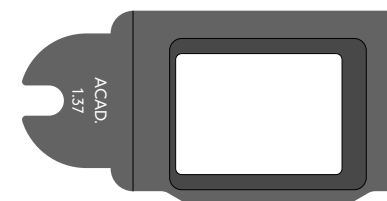
1.85 ASYM ANSI S35
K5.59776.0



No Time Code exposure with ARRIFLEX 435/535

3.7 35 mm Format Masks And Drawings Of The Correspondingly Exposed Negative Areas

Format Mask	Format	Ident-Nr.
1.37 (Academy)	N35	K5.42387.0



Correspondingly Exposed Negative Area

$22^{+0.01} \text{ mm} \times 16^{+0.01} \text{ mm (R 0.8 mm)}$

1 : 1.37

drawing scale 5:1

© ARRI

Format Mask

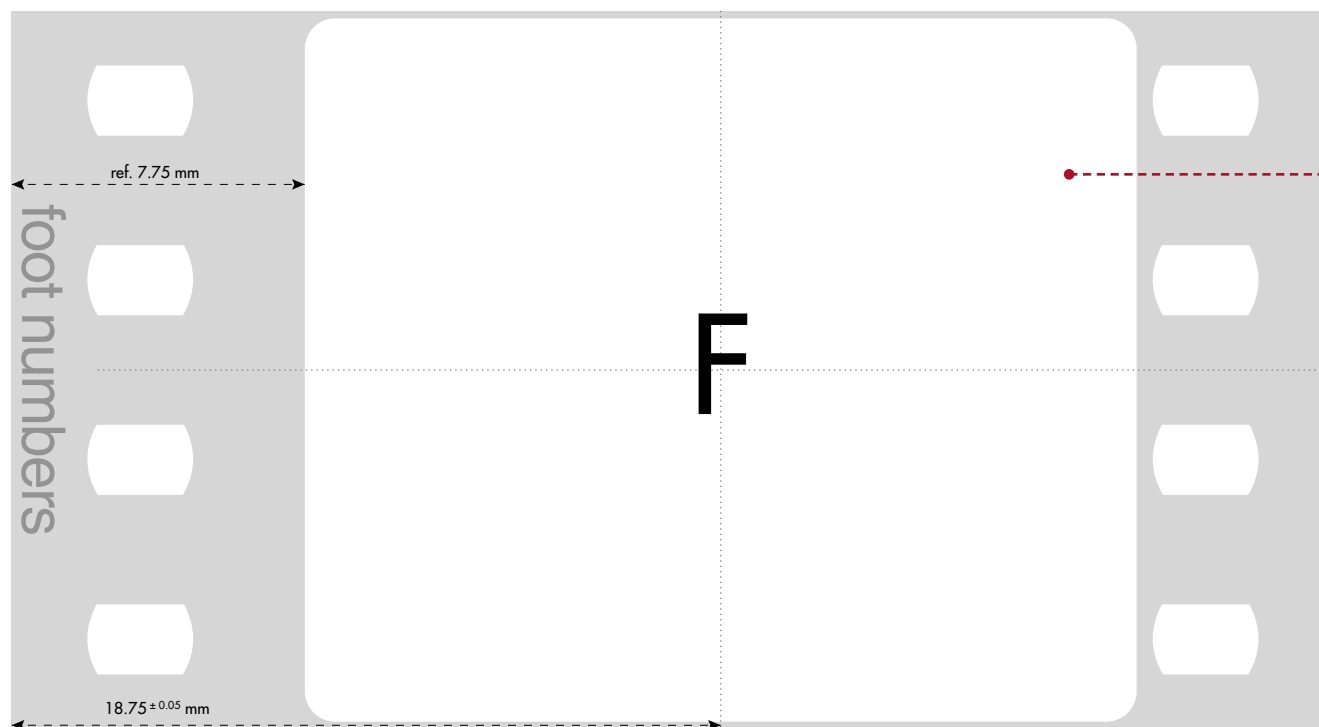
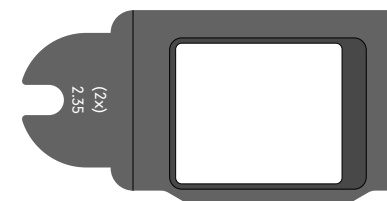
(2x) 2.35

Format

N35

Ident-Nr.

K5.42388.0



Correspondingly Exposed Neagative Area

$22 \pm 0.01 \text{ mm} \times 18.6 \pm 0.01 \text{ mm (R 0.8 mm)}$

$1 : 2.35 \text{ (2x)}$

drawing scale 5:1

© ARRI

Format Mask

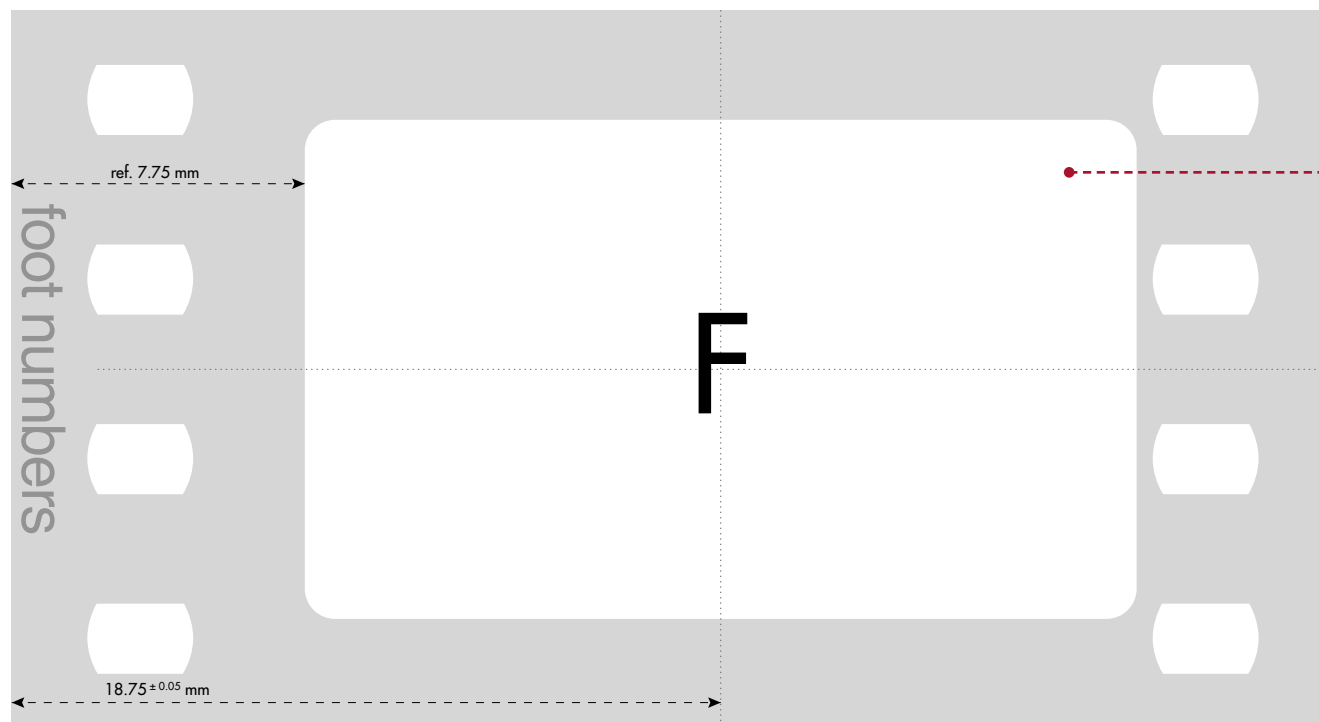
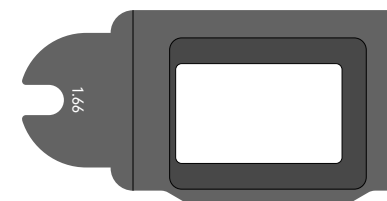
1.66

Format

N35

Ident-Nr.

K5.42390.0



Correspondingly Exposed Neagative Area

$22^{+0.01} \text{ mm} \times 13.2^{+0.01} \text{ mm (R 0.8 mm)}$

1:1.66

drawing scale 5:1

© ARRI

Format Mask

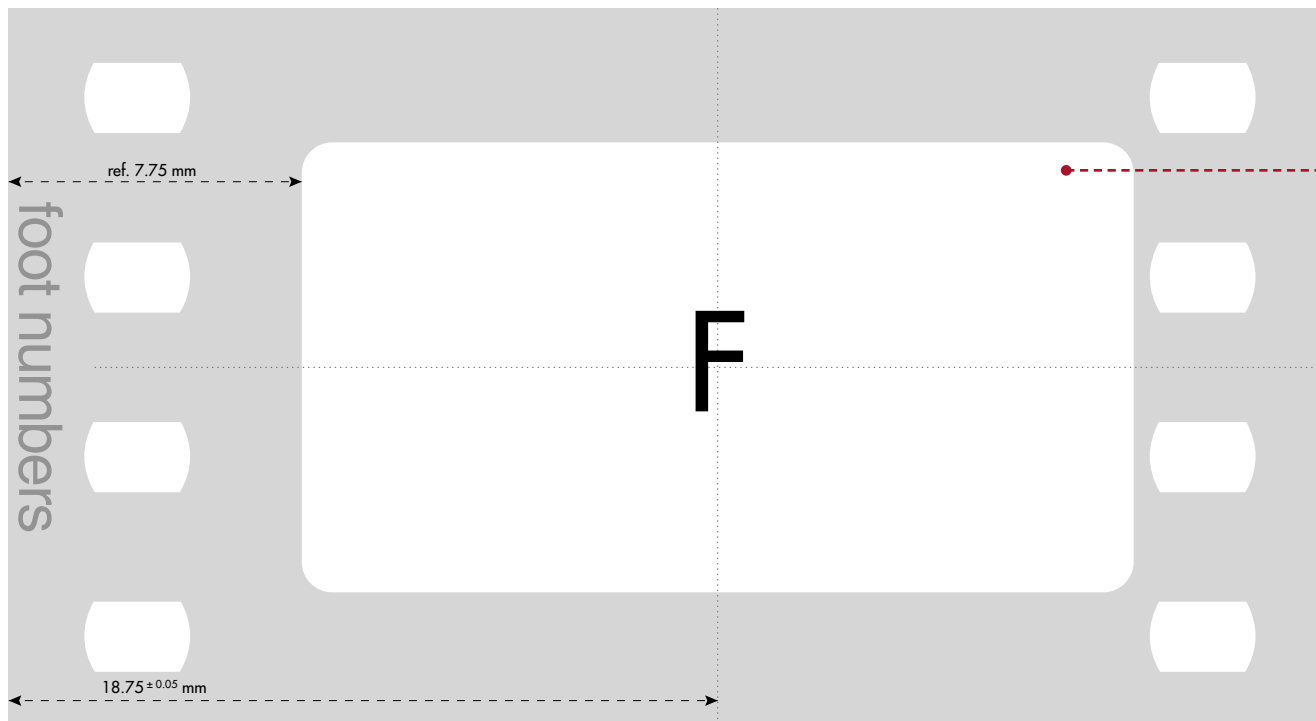
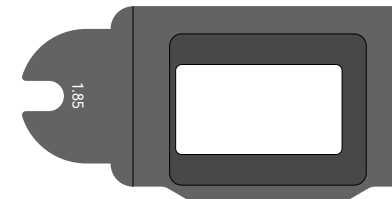
1.85

Format

N35

Ident-Nr.

K5.42391.0



Correspondingly Exposed Neagative Area

$22^{+0.01} \text{ mm} \times 11.9^{+0.01} \text{ mm (R 0.8 mm)}$

1:1.85

drawing scale 5:1

© ARRI

Format Mask

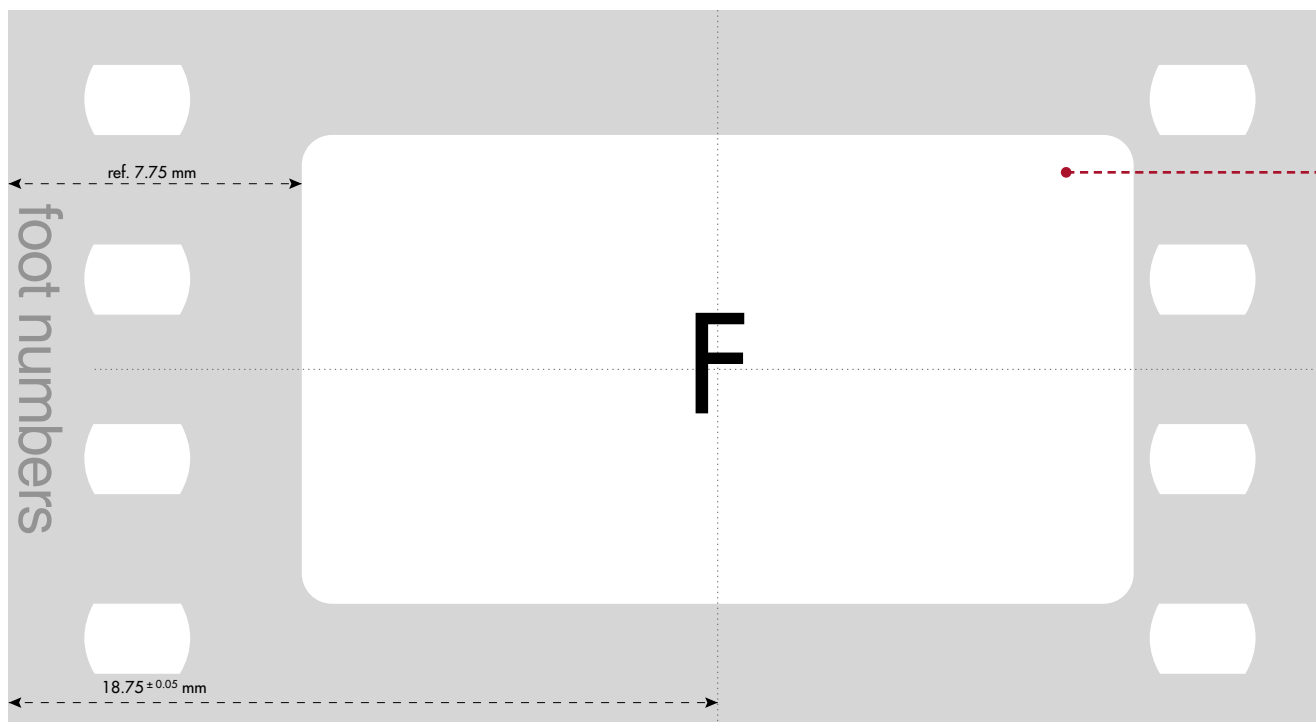
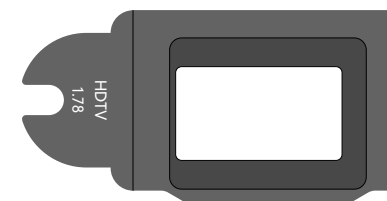
1.78

Format

N35

Ident-Nr.

K5.41475.0



Correspondingly Exposed Negative Area

$22^{+0.01} \text{ mm} \times 12.4^{+0.01} \text{ mm (R 0.8 mm)}$

1:1.78

drawing scale 5:1

© ARRI

Format Mask

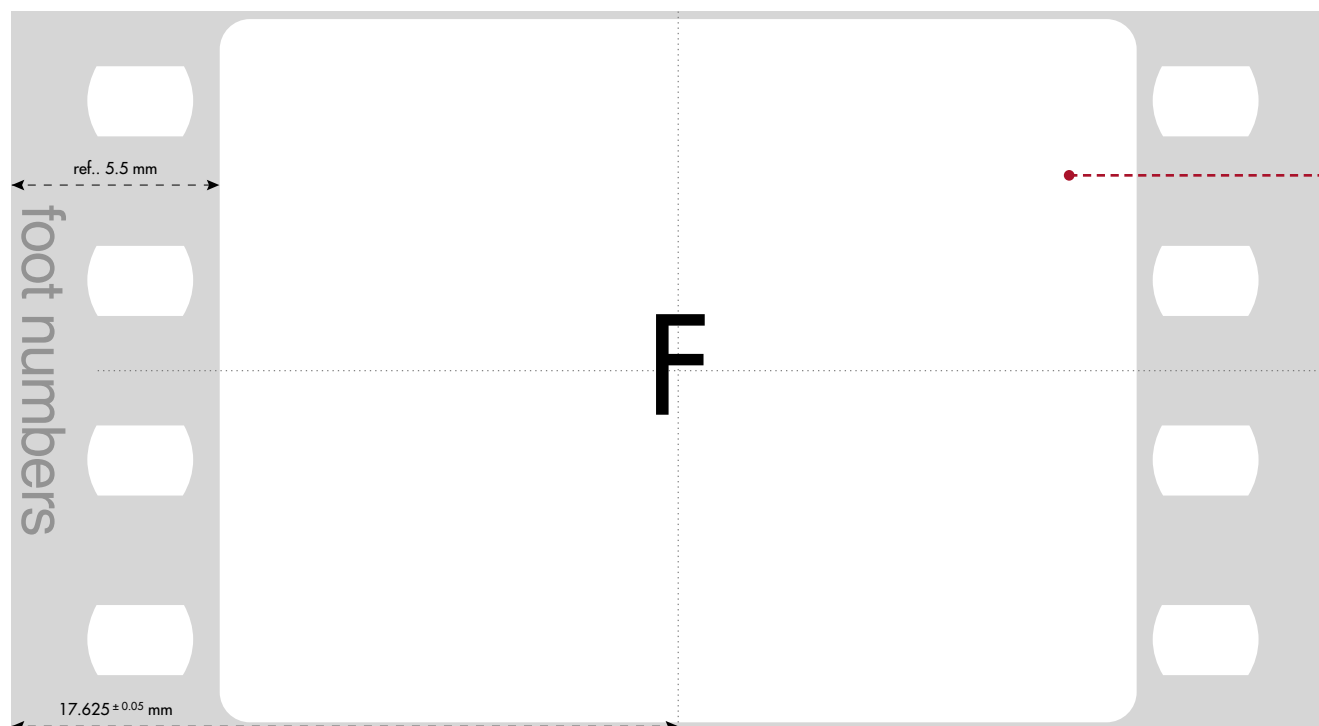
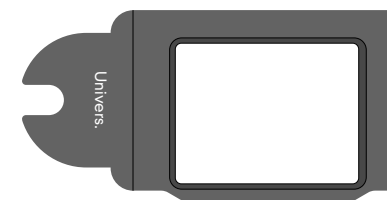
Universal

Format

N35 + DIN S 35

Ident-Nr.

K5.42389.0



drawing scale 5:1

Correspondingly Exposed Neagative Area

$24.25 \pm 0.01 \text{ mm} \times 18.6 \pm 0.01 \text{ mm (R 0.8 mm)}$

This format covers N35 as well as DIN S35.

Extract the required image format from the negative in post-production.

Format Mask

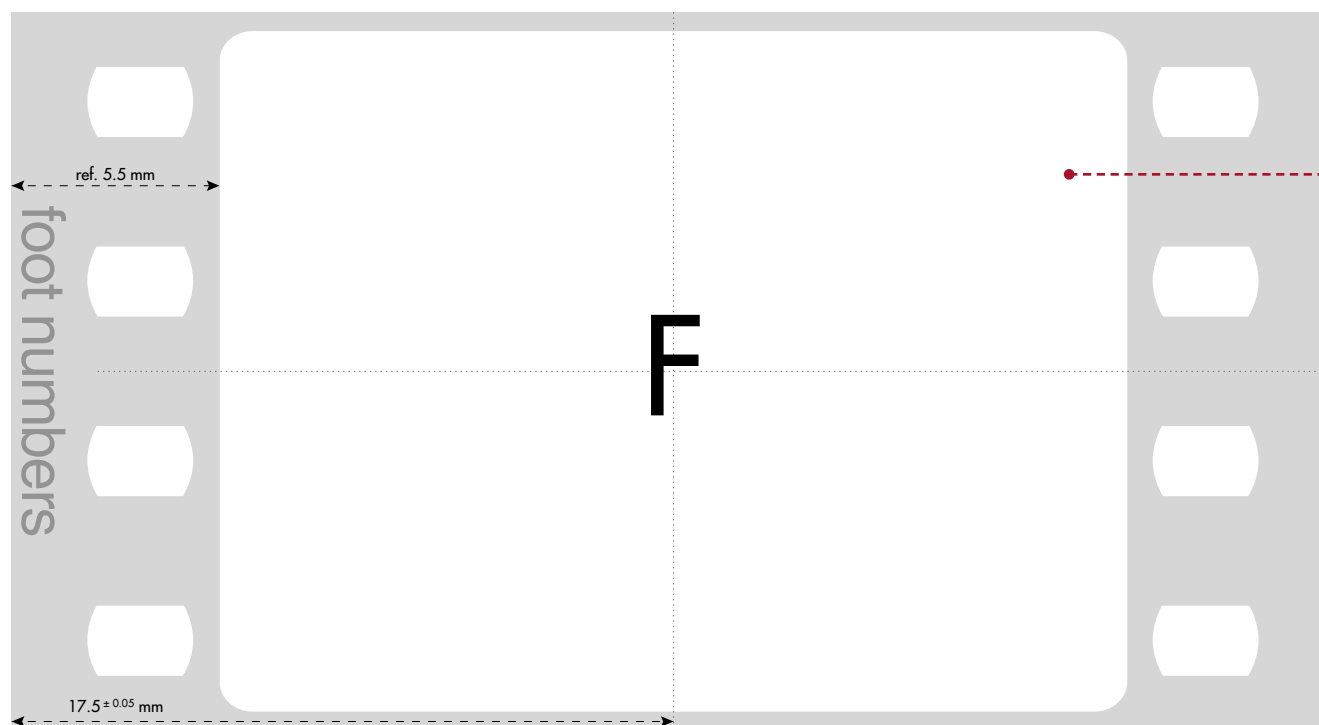
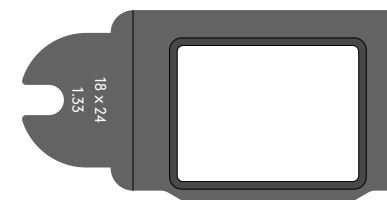
1.33 (Silent)

Format

DIN S35

Ident-Nr.

K5.42392.0



Correspondingly Exposed Negative Area

$24^{+0.01} \text{ mm} \times 18^{+0.01} \text{ mm (R 0.8 mm)}$

1.33

drawing scale 5:1

© ARRI

Format Mask

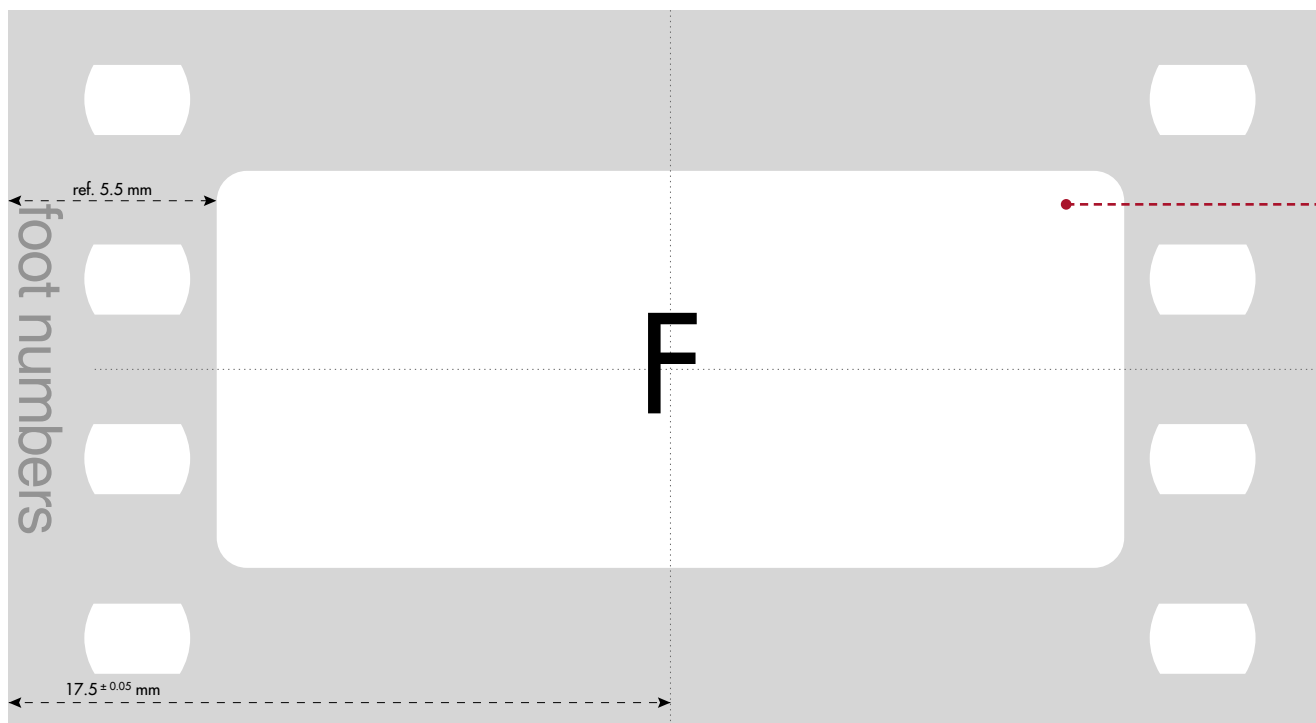
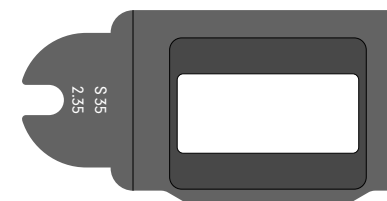
2.35

Format

DIN S35

Ident-Nr.

K5.42393.0



Correspondingly Exposed Neagative Area

$24^{+0.01} \text{ mm} \times 10.5^{+0.01} \text{ mm (R 0.8 mm)}$

1:2.35

drawing scale 5:1

© ARRI

Format Mask

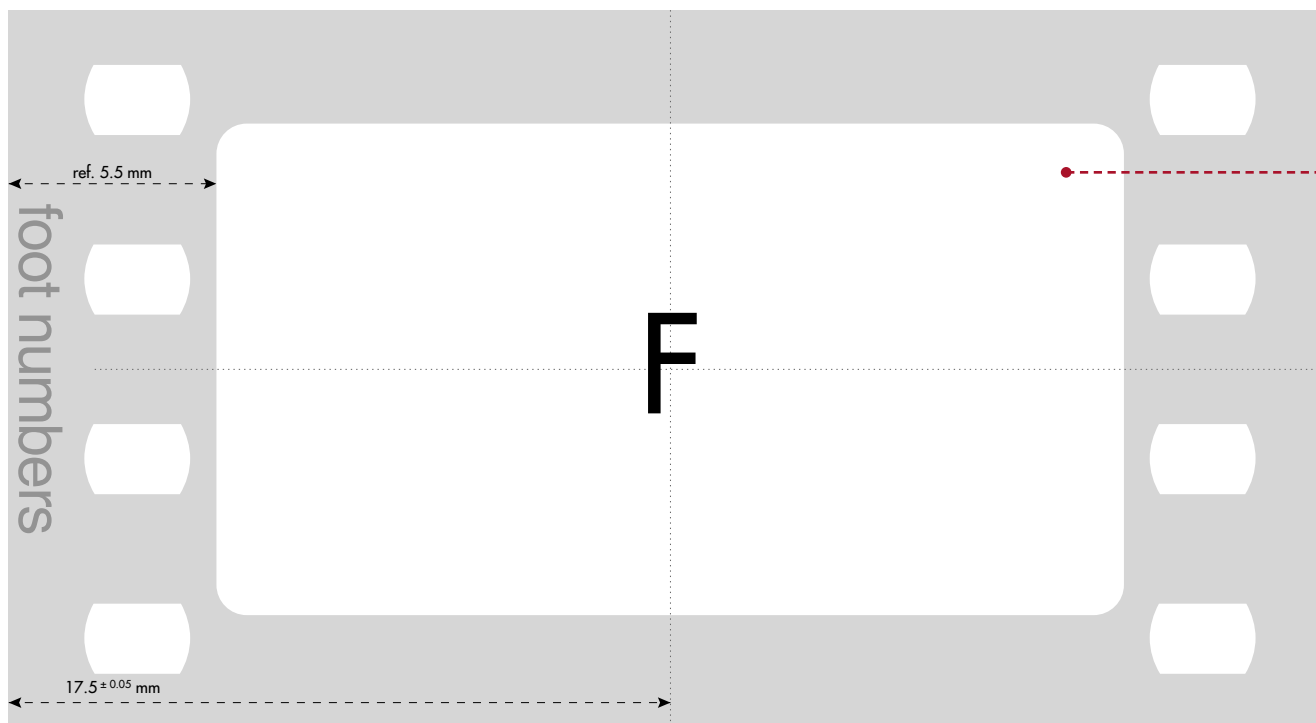
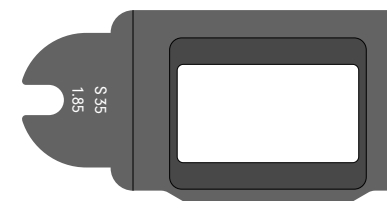
1.85

Format

DIN S35

Ident-Nr.

K5.44305.0



Correspondingly Exposed Negative Area

$24^{+0.01} \text{ mm} \times 13^{+0.01} \text{ mm (R 0.8 mm)}$

1:1.85

drawing scale 5:1

© ARRI

Format Mask

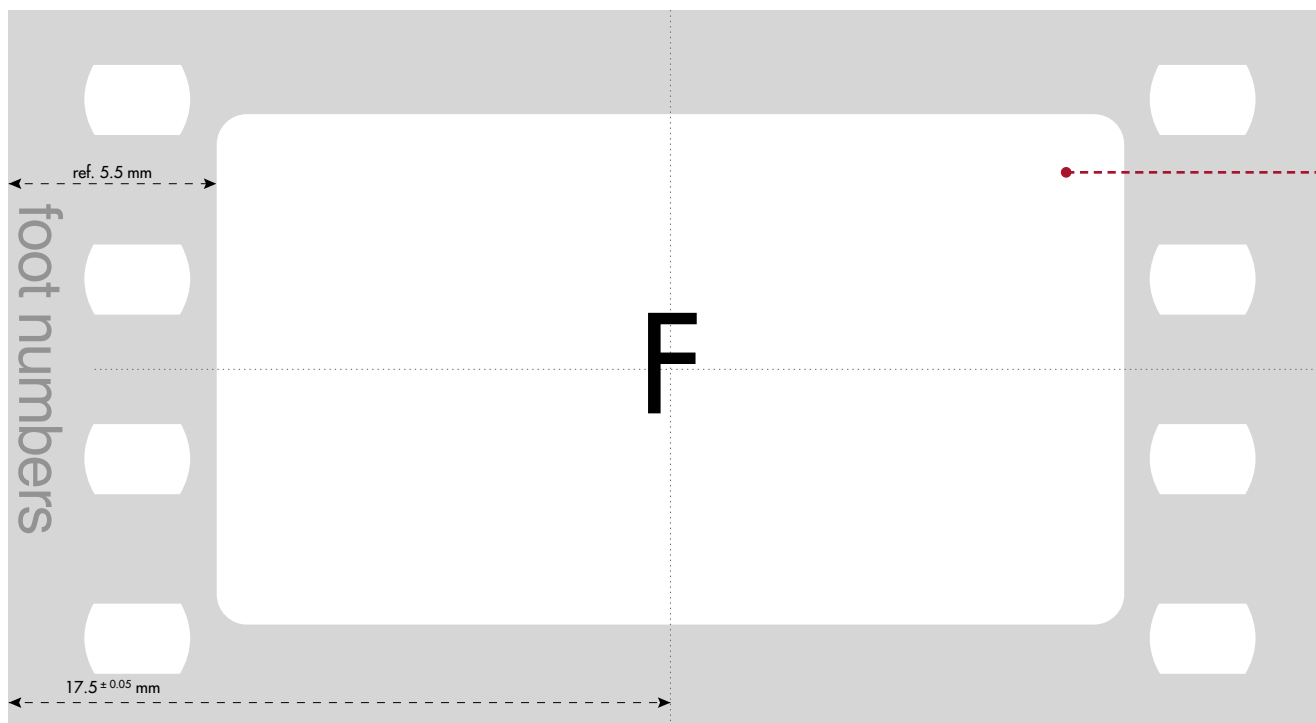
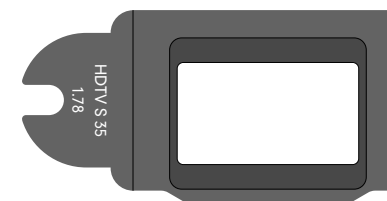
1.78

Format

DIN S35

Ident-Nr.

K5.41474.0



Correspondingly Exposed Neagative Area

$24^{+0.01} \text{ mm} \times 13.5^{+0.01} \text{ mm (R 0.8 mm)}$

1:1.78

drawing scale 5:1

© ARRI

Format Mask

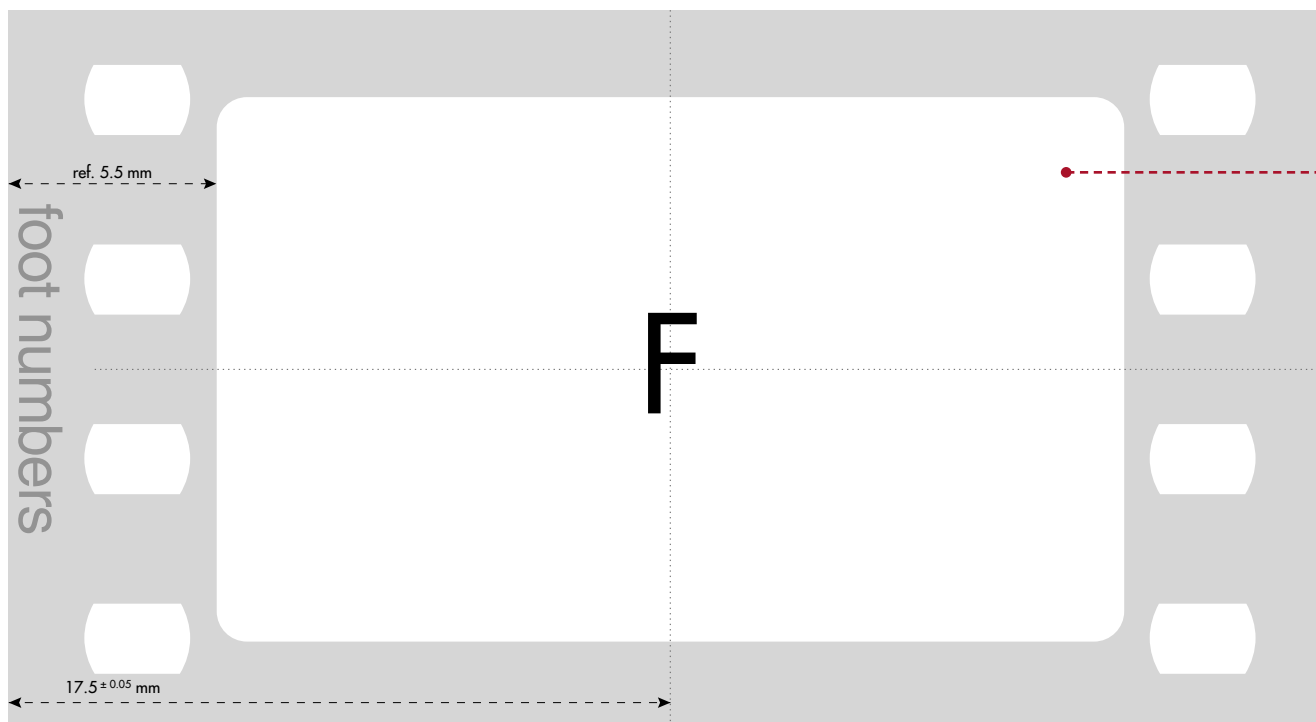
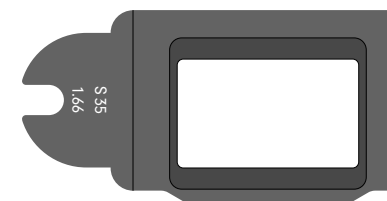
1.66

Format

DIN S35

Ident-Nr.

K5.41476.0



Correspondingly Exposed Neagative Area

$24^{+0.01} \text{ mm} \times 14.4^{+0.01} \text{ mm (R 0.8 mm)}$

1:1.66

drawing scale 5:1

© ARRI

Format Mask

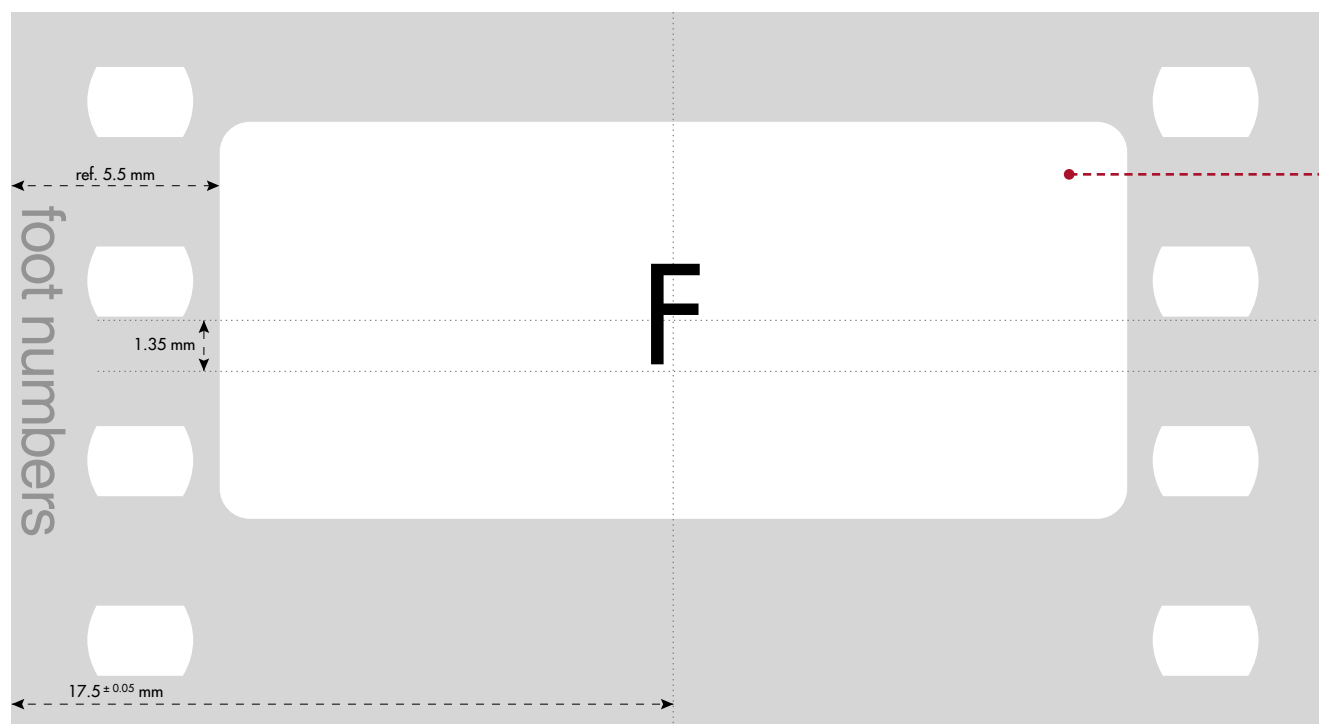
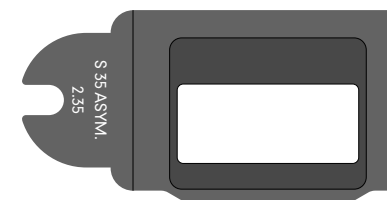
2.35 ASYM.

Format

DIN S35

Ident-Nr.

K5.41477.0



Correspondingly Exposed Negative Area

$24^{+0.01} \text{ mm} \times 10.5^{+0.01} \text{ mm (R 0.8 mm)}$

1:2.35

drawing scale 5:1

© ARRI

Format Mask

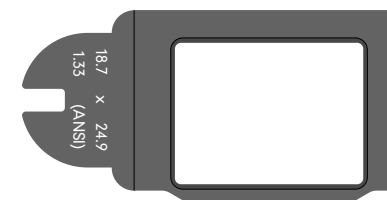
1.33

Format

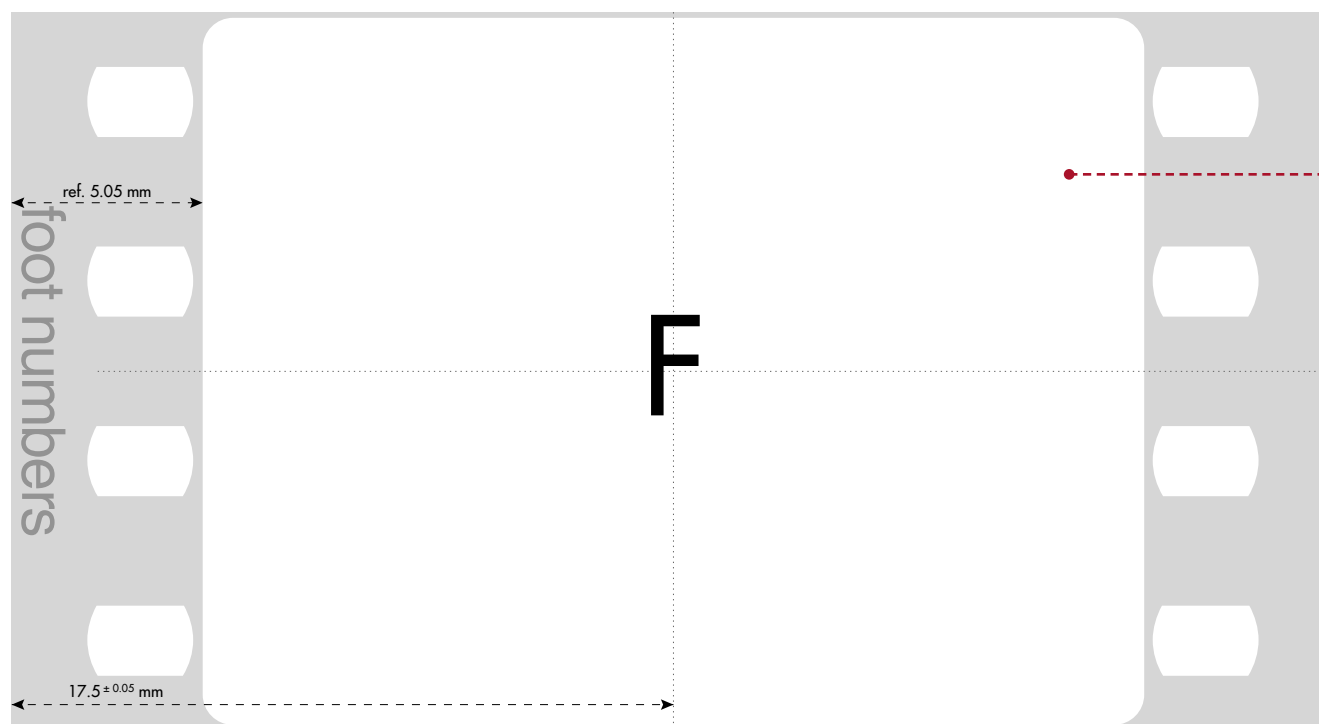
ANSI S35

Ident-Nr.

K5.54352.0



No Time Code exposure with ARRIFLEX 435/535



Correspondingly Exposed Negative Area

$24.9 \pm 0.01 \text{ mm} \times 18.7 \pm 0.01 \text{ mm (R 0.8 mm)}$

1 : 1.33

drawing scale 5:1

© ARRI

Format Mask

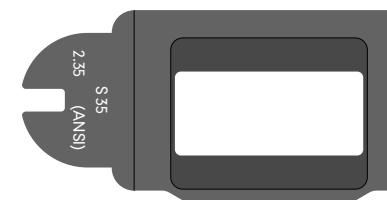
2.35

Format

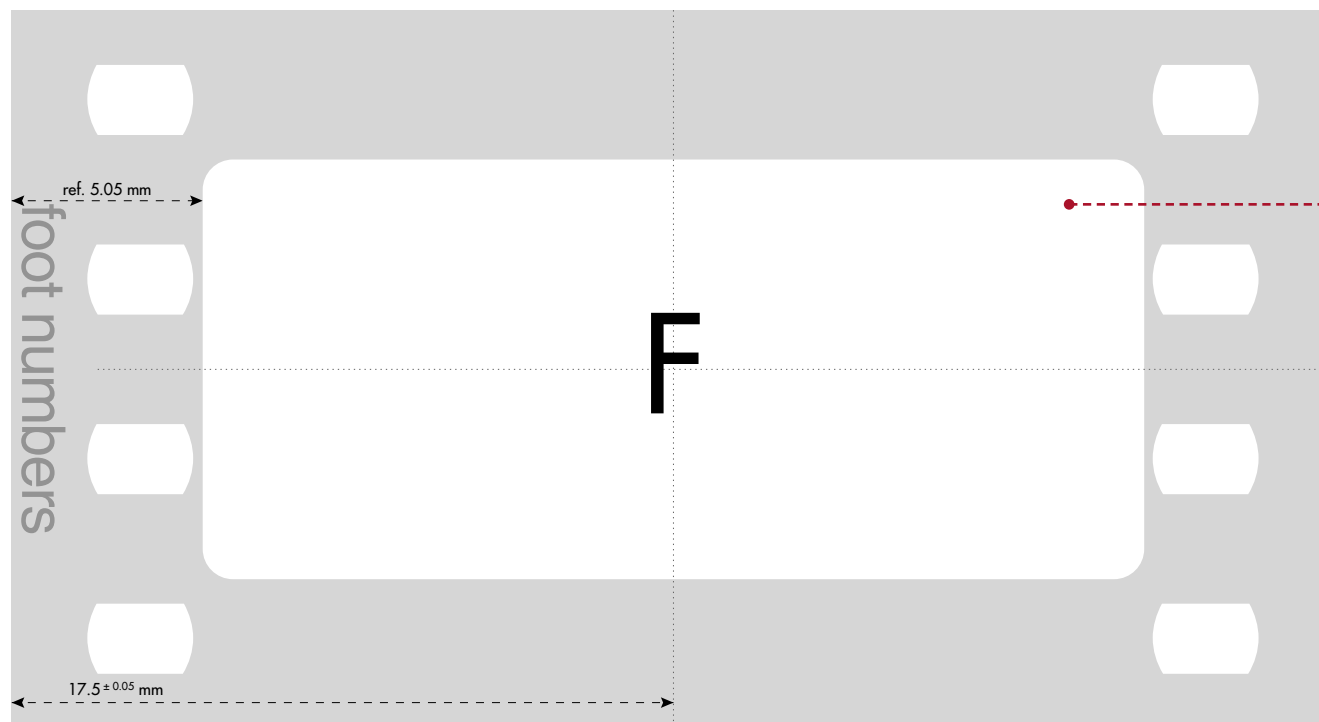
ANSI S35

Ident-Nr.

K5.59773.0



No Time Code exposure with ARRIFLEX 435/535



Correspondingly Exposed Neagative Area

$24.9 + 0.01 \text{ mm} \times 11.1 + 0.01 \text{ mm (R 0.8 mm)}$

1 : 2.35

drawing scale 5:1

© ARRI

Format Mask

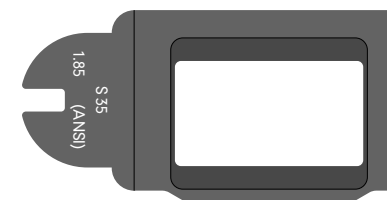
1.85

Format

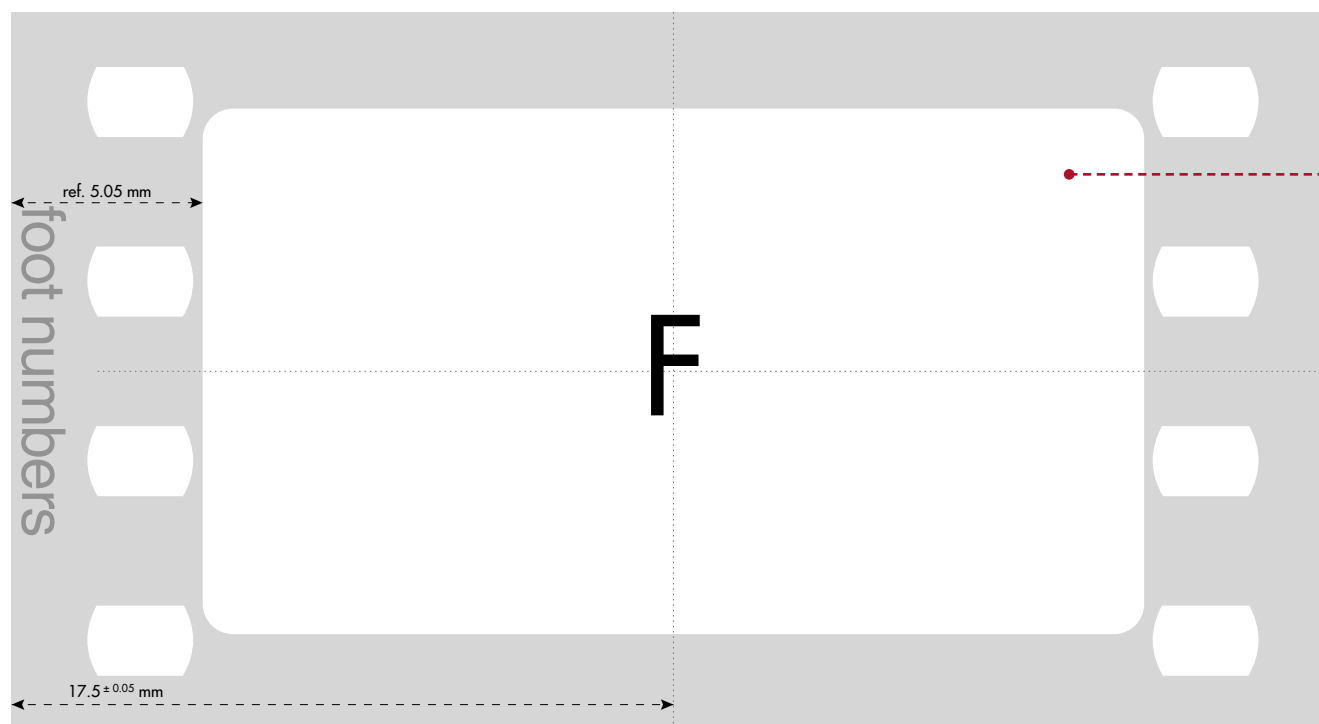
ANSI S35

Ident-Nr.

K5.59774.0



No Time Code exposure with ARRIFLEX 435/535



Correspondingly Exposed Neegative Area

$24.9^{+0.01} \text{ mm} \times 13.9^{+0.01} \text{ mm (R 0.8 mm)}$

1 : 1.85

drawing scale 5:1

© ARRI

Format Mask

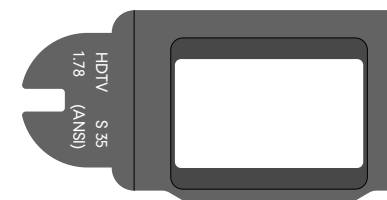
1.78

Format

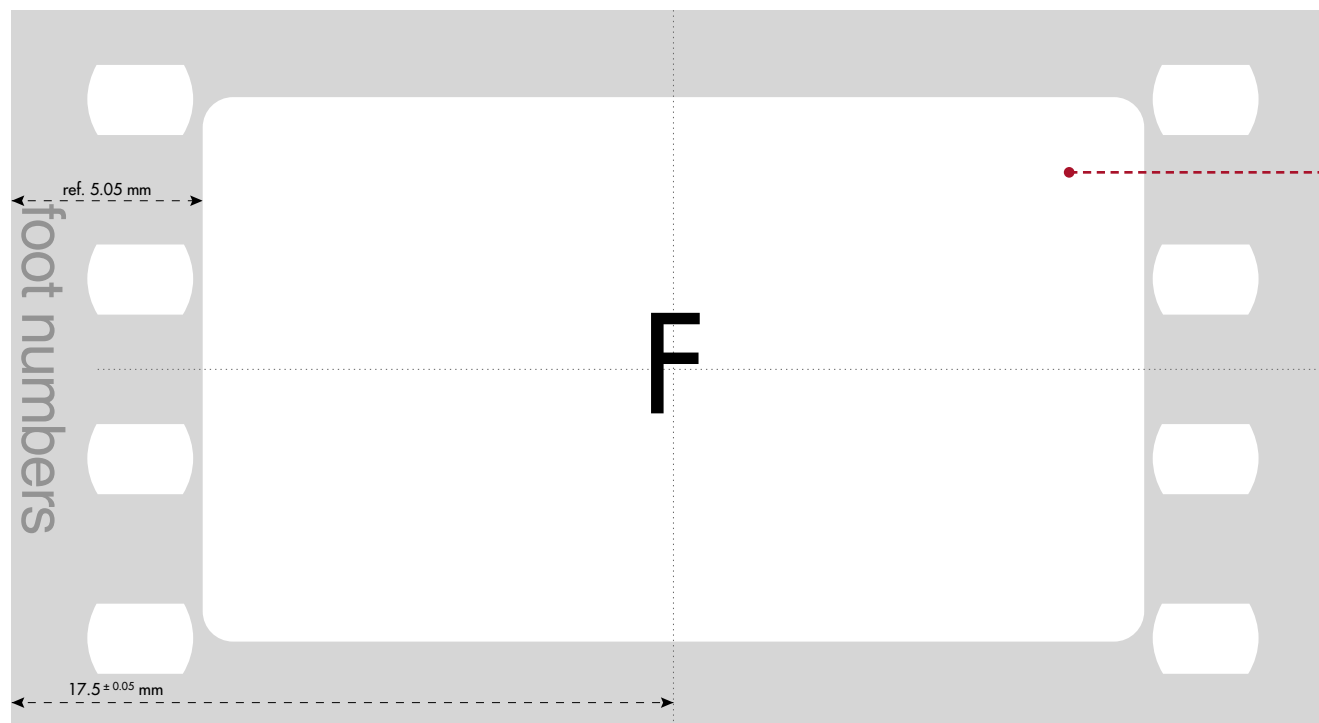
ANSI S35

Ident-Nr.

K5.59775.0



No Time Code exposure with ARRIFLEX 435/535



Correspondingly Exposed Neegative Area

$24.9 \pm 0.01 \text{ mm} \times 14.4 \pm 0.01 \text{ mm (R 0.8 mm)}$

1 : 1.78

drawing scale 5:1

© ARRI

Format Mask

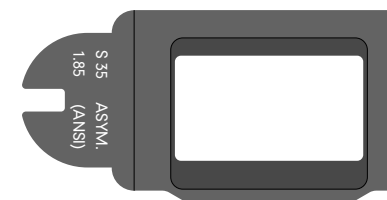
1.85 ASYM

Format

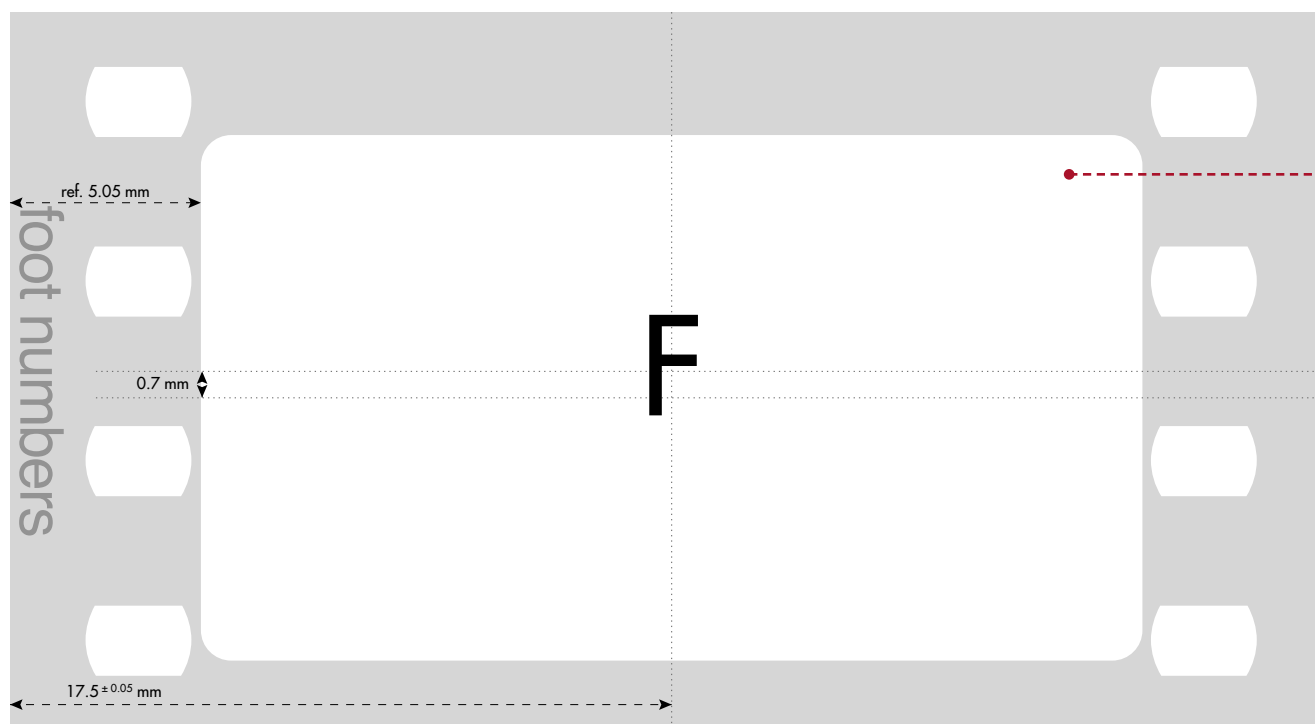
ANSI S35

Ident-Nr.

K5.59776.0



No Time Code exposure with ARRIFLEX 435/535



Correspondingly Exposed Neagative Area

$24.9^{+0.01} \text{ mm} \times 13.9^{+0.01} \text{ mm (R 0.8 mm)}$

1 : 1.85

– 0.7 mm off center

drawing scale 5:1

© ARRI

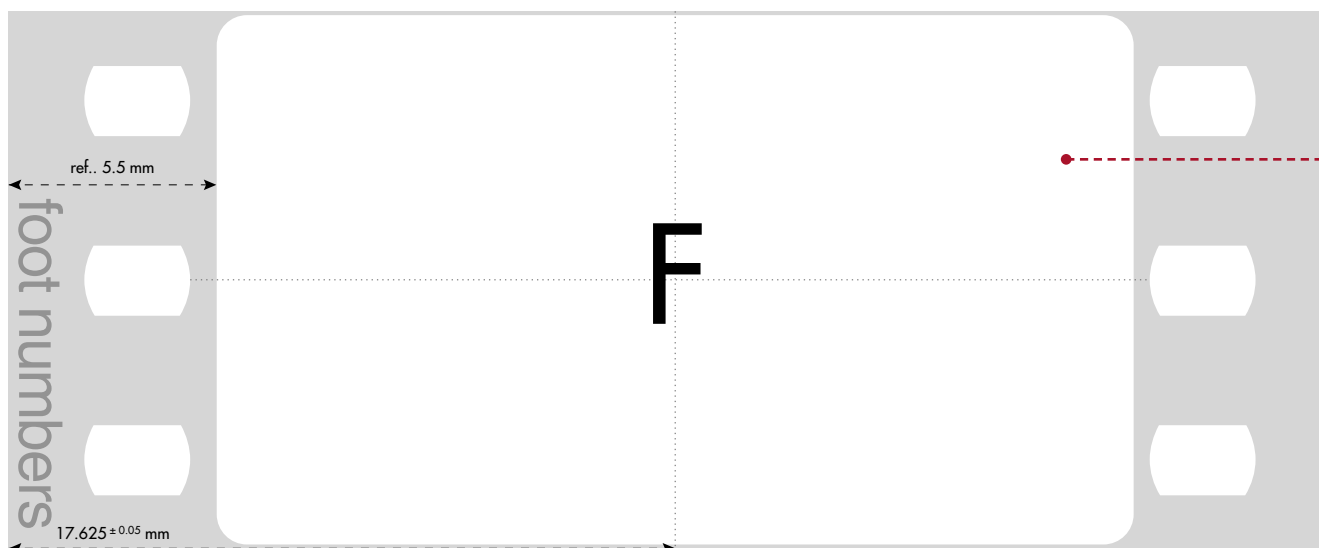
3.8 35 mm 3 Perf Movement – Exposed Negative Area

Format Mask

N35 / DIN S35 – 3 perforation aperture for ARRIFLEX 435 /535/ 535B

Camera aperture of the ARRIFLEX 435 3 perf

or with conversion kit for ARRIFLEX 535/535B
K4.47760.0



Correspondingly Exposed Negative Area

$24.25 \pm 0.01 \text{ mm} \times 14 \pm 0.01 \text{ mm (R 0.8 mm)}$

This format covers all 3 perforation negative areas of N35 as well as DIN S35.

Extract the required image format from the negative in post-production.

Format Mask

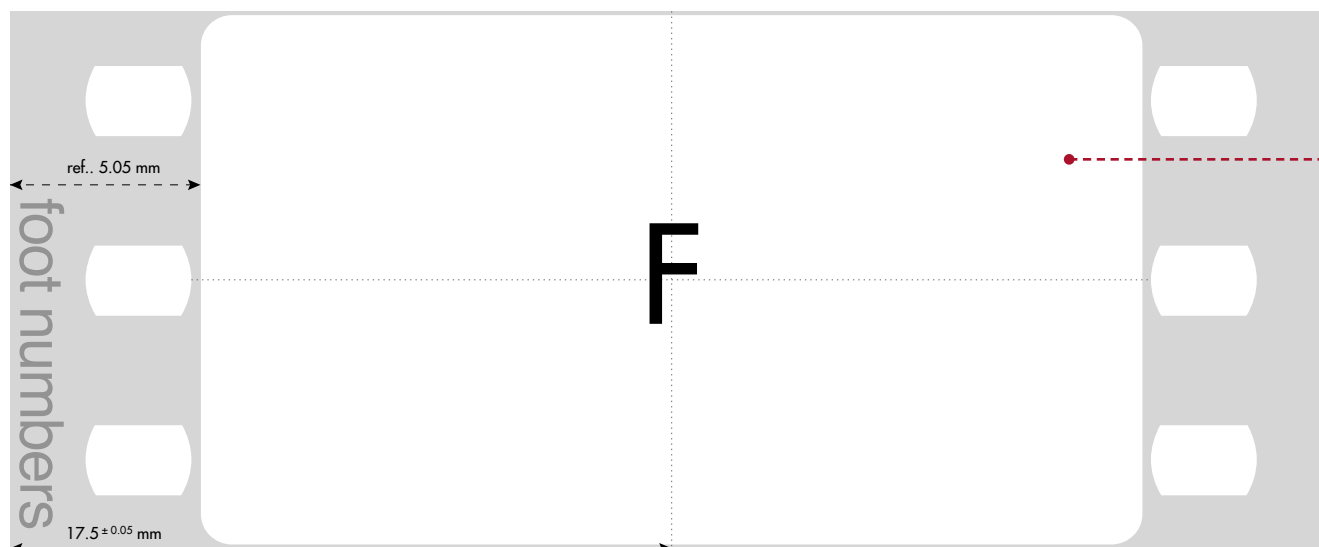
ANSI S35 – 3 perforation aperture for ARRIFLEX 435/535/535B

Camera aperture of the ARRIFLEX 435 3 perf
and additional film gate for ANSI
K2.47374.0

or of the ARRIFLEX 535/535B
with conversion kit K4.47760.0
and additional film gate for ANSI
K2.47375.0



No Time Code exposure with ARRIFLEX 435/535



Correspondingly Exposed Negative Area

$24.9 \pm 0.01 \text{ mm} \times 14 \pm 0.01 \text{ mm (R 0.8 mm)}$

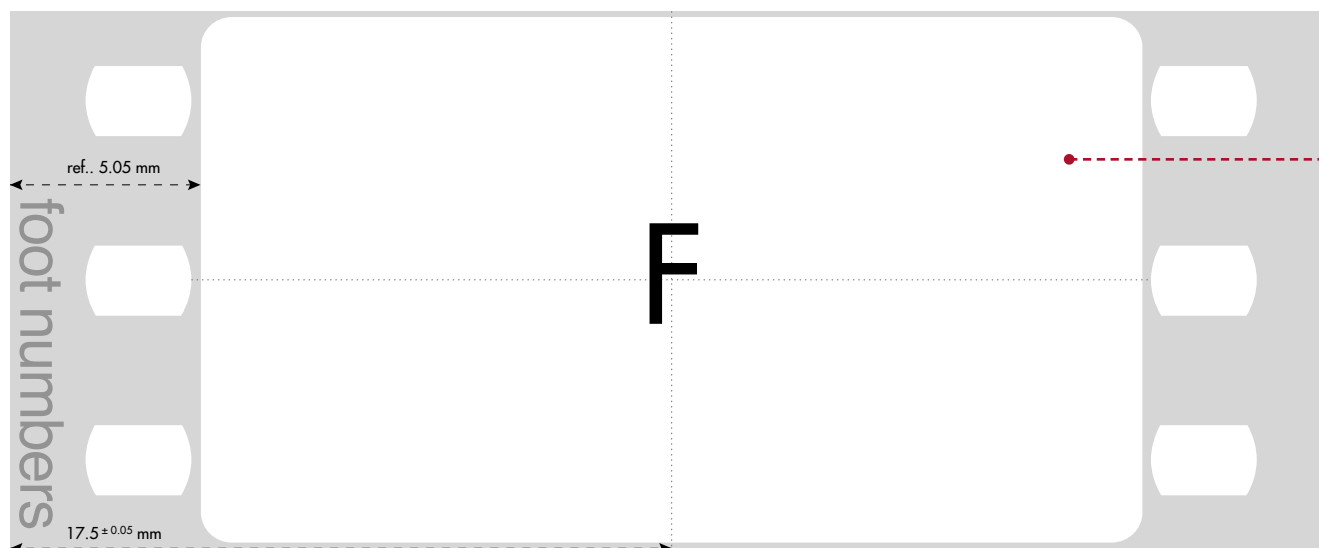
This format covers all 3 perforation negative areas
of N35, DIN S35 as well as ANSI S35.

Extract the required image format from the
negative in post-production.

Format Mask

ANSI S35 – 3 perforation aperture for ARRICAM ST and LT

Camera aperture of the ARRICAM ST and LT
with conversion kit K2.54165.0



Correspondingly Exposed Negative Area

$24.9 + 0.01 \text{ mm} \times 13.9 + 0.01 \text{ mm} \text{ (R 0.8 mm)}$

This format covers all 3 perforation negative areas
of N35, DIN S35 as well as ANSI S35.

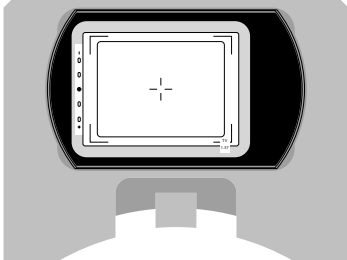
Extract the required image format from the
negative in post-production.

4. 16 mm

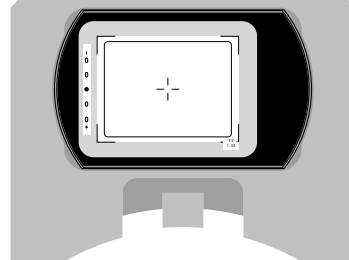
4.1 16 mm Ground Glass Template for ARRIFLEX 16SR 3 (and Advanced Models)

The ground glasses for the ARRIFLEX 16SR 3, HS and Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 and HS, but they do not show the markings for the exposure meter – see sample on bottom right side.

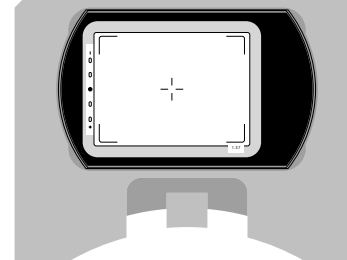
1.37 - TV 1.33 N16
K4.47386.0 (K4.48012.0)



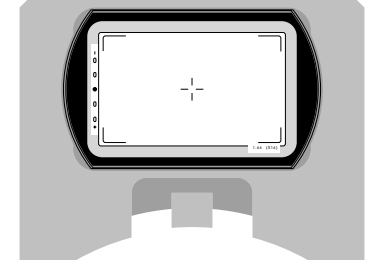
TV 1.33 N16
K2.47173.0 (K2.47353.0)



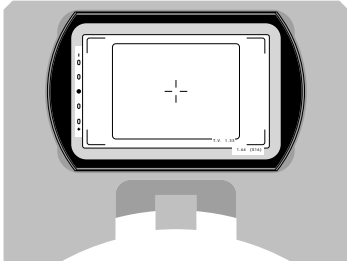
1.37 N16
K2.47174.0 (K2.47354.0)



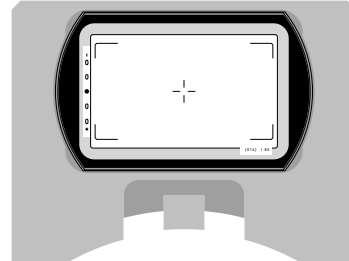
1.66 (S16) S16
K2.47209.0 (K2.47355.0)



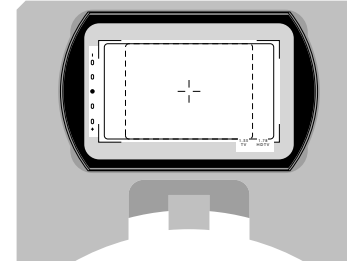
1.66 (S16) - TV 1.33 S16
K2.47210.0 (K2.47356.0)



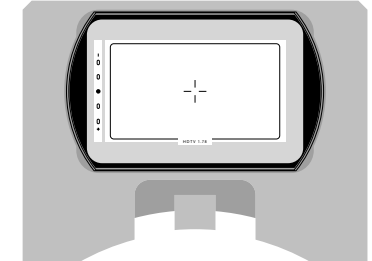
1.85 (S16) S16
K2.47211.0 (K2.47357.0)



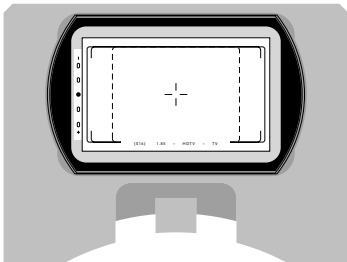
TV 1.78 - TV 1.33 S16
K2.47213.0 (K2.47358.0)



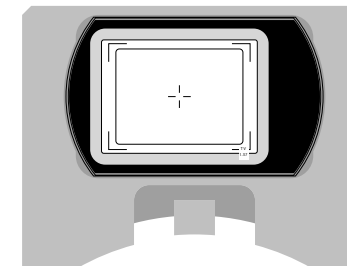
TV 1.78 S16
K2.47034.0 (K2.47359.0)



1.66/1.85 (S16) - TV 1.33/1.78 S16
K2.47214.0 (K2.47360.0)



Normal Typeface = ARRIFLEX 16SR 3 Ground Glass
(Italic Typeface = ARRIFLEX 16SR 3 Advanced Ground Glass)



Sample for ground glass
ARRIFLEX 16SR 3
Advanced

4.2 16 mm Ground Glass Drawings

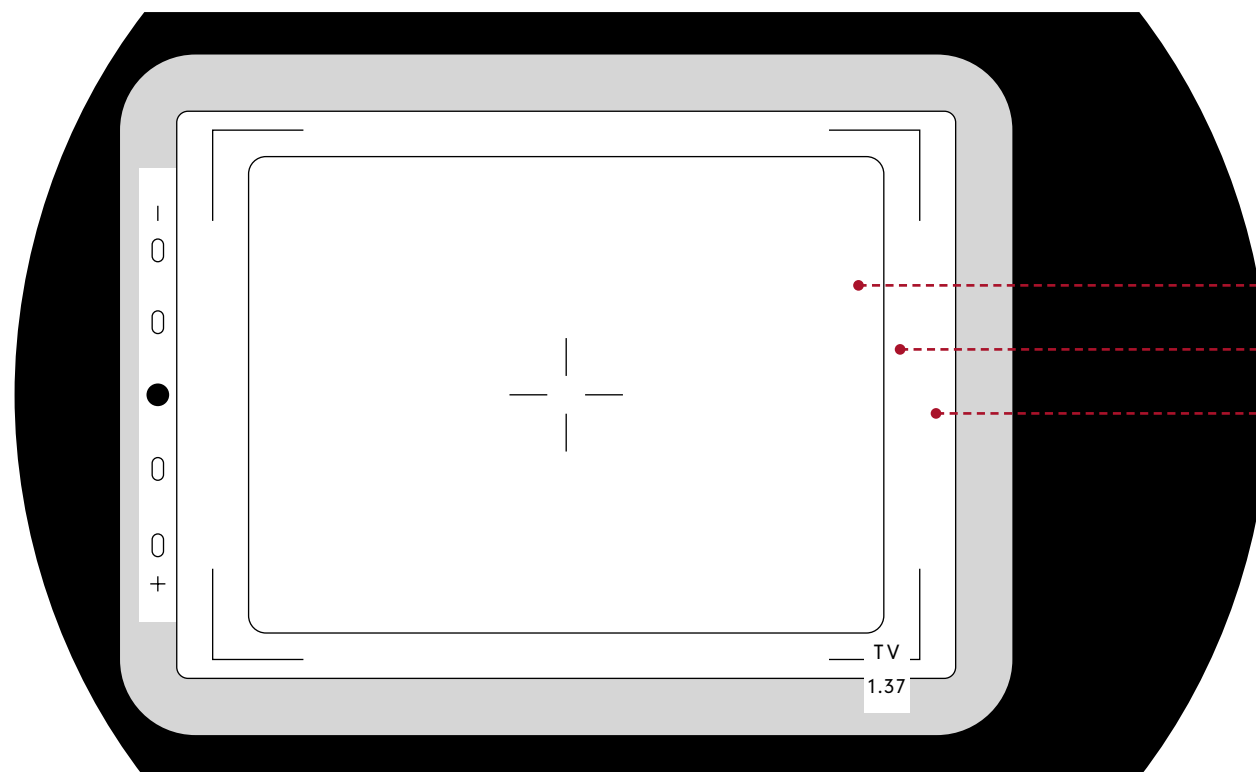
Ground Glass Drawing	Format	Ident-Nr.	
1.37 - TV 1.33	N16	K4.47386.0	for ARRIFLEX 16 SR 3
		K4.48012.0	for ARRIFLEX 16 SR 3 Advanced

Correspondingly Exposed Neegative Area



$10.3^{+0.05} \text{ mm} \times 7.5^{+0.015} \text{ mm}$

Ground Glass Marking Dimensions



$8.4^{+0.02} \text{ mm} \times 6.3^{+0.02} \text{ mm}$ TV safe action 4:3

$9,35^{+0.02} \text{ mm} \times 7^{+0.1} \text{ mm}$ TV transmitted 4:3

$10.3^{+0.05} \text{ mm} \times 7.5^{+0.05} \text{ mm}$ camera aperture

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

TV 1.33

Format

N16

Ident-Nr.

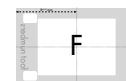
K2.47173.0

K2.47353.0

for ARRIFLEX 16 SR 3

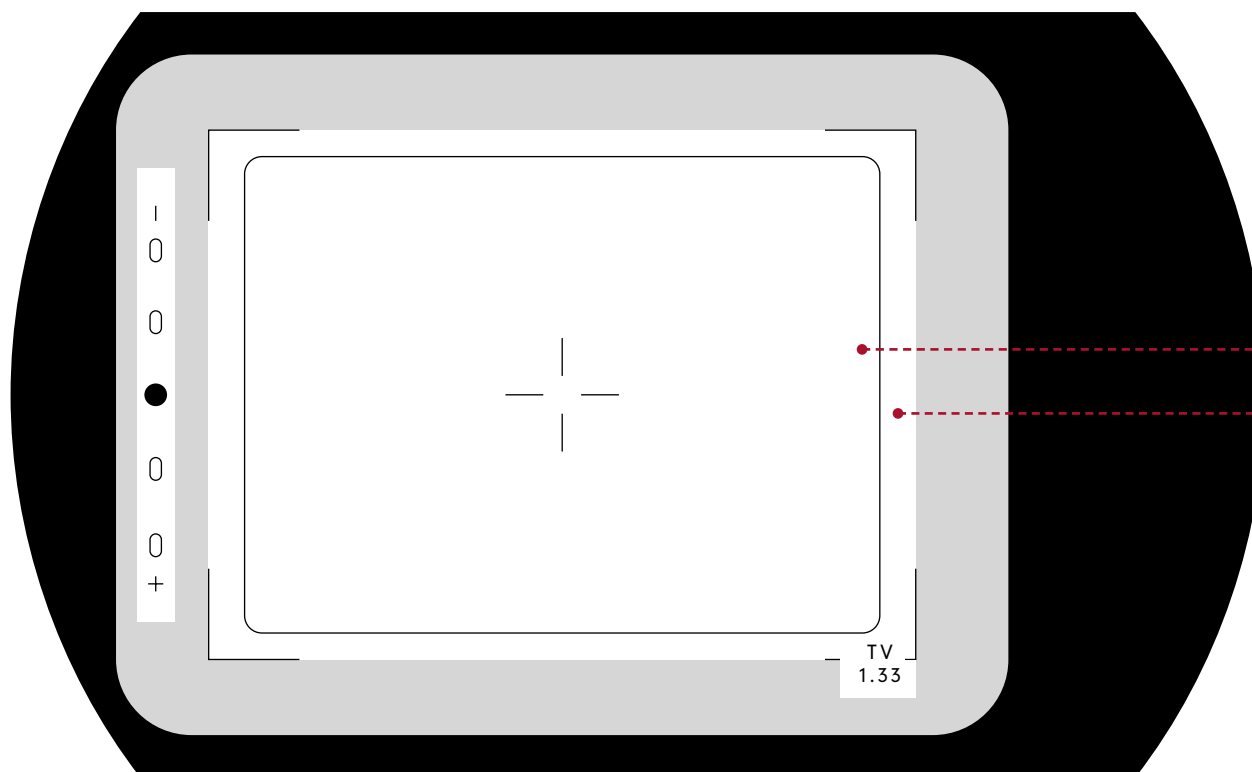
for ARRIFLEX 16 SR 3 Advanced

Correspondingly Exposed Neagative Area



$10.3^{+0.05} \text{ mm} \times 7.5^{+0.015} \text{ mm}$

Ground Glass Marking Dimensions



$8.4^{\pm 0.02} \text{ mm} \times 6.3^{\pm 0.02} \text{ mm}$

TV safe action 4:3

$9.35^{\pm 0.02} \text{ mm} \times 7^{+0.1} \text{ mm}$

transmitted area 4:3

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

1.37

Format

N16

Ident-Nr.

K2.47174.0

K2.47354.0

for ARRIFLEX 16 SR 3

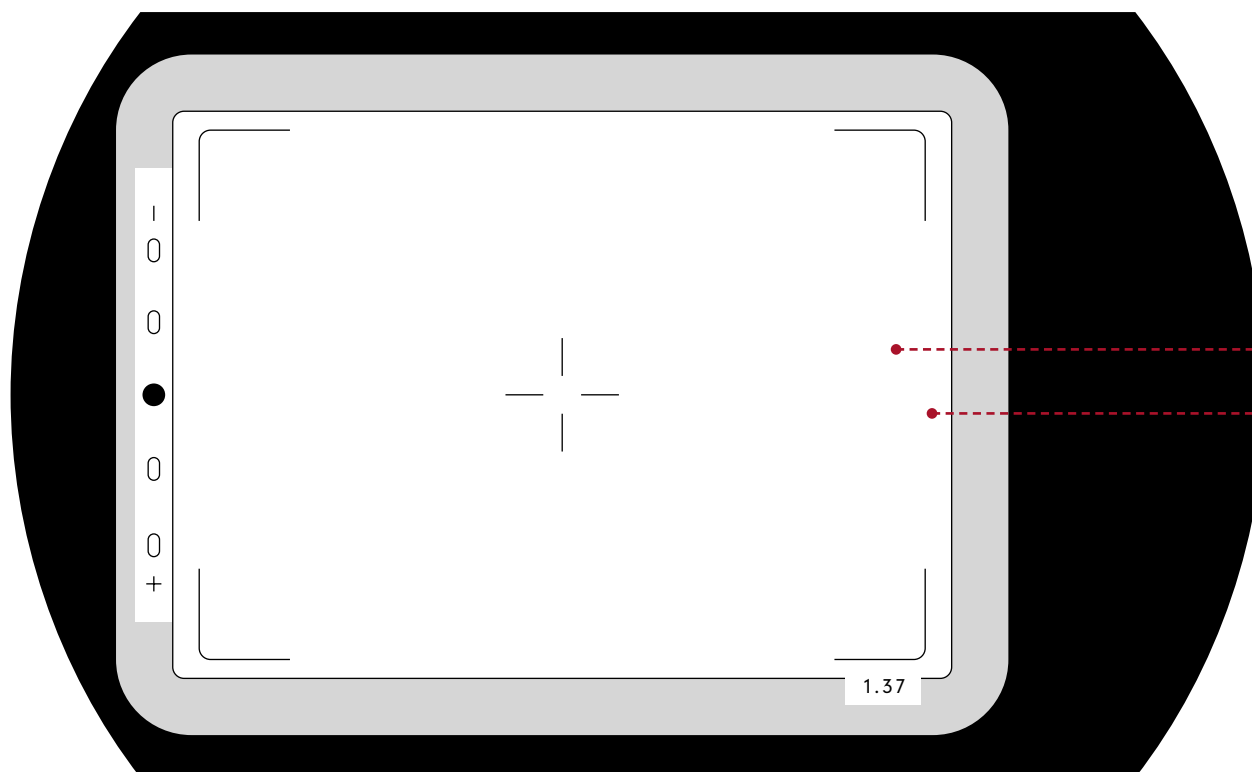
for ARRIFLEX 16 SR 3 Advanced

Correspondingly Exposed Negative Area



$10.3^{+0.05} \text{ mm} \times 7.5^{+0.015} \text{ mm}$

Ground Glass Marking Dimensions



$9.6^{+0.05} \text{ mm} \times 7^{+0.05} \text{ mm}$

projected area

$10.3^{+0.05} \text{ mm} \times 7.5^{+0.05} \text{ mm}$

camera aperture

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

1.66 (S16)

Format

S16

Ident-Nr.

K2.47209.0

K2.47355.0

for ARRIFLEX 16 SR 3

for ARRIFLEX 16 SR 3 Advanced

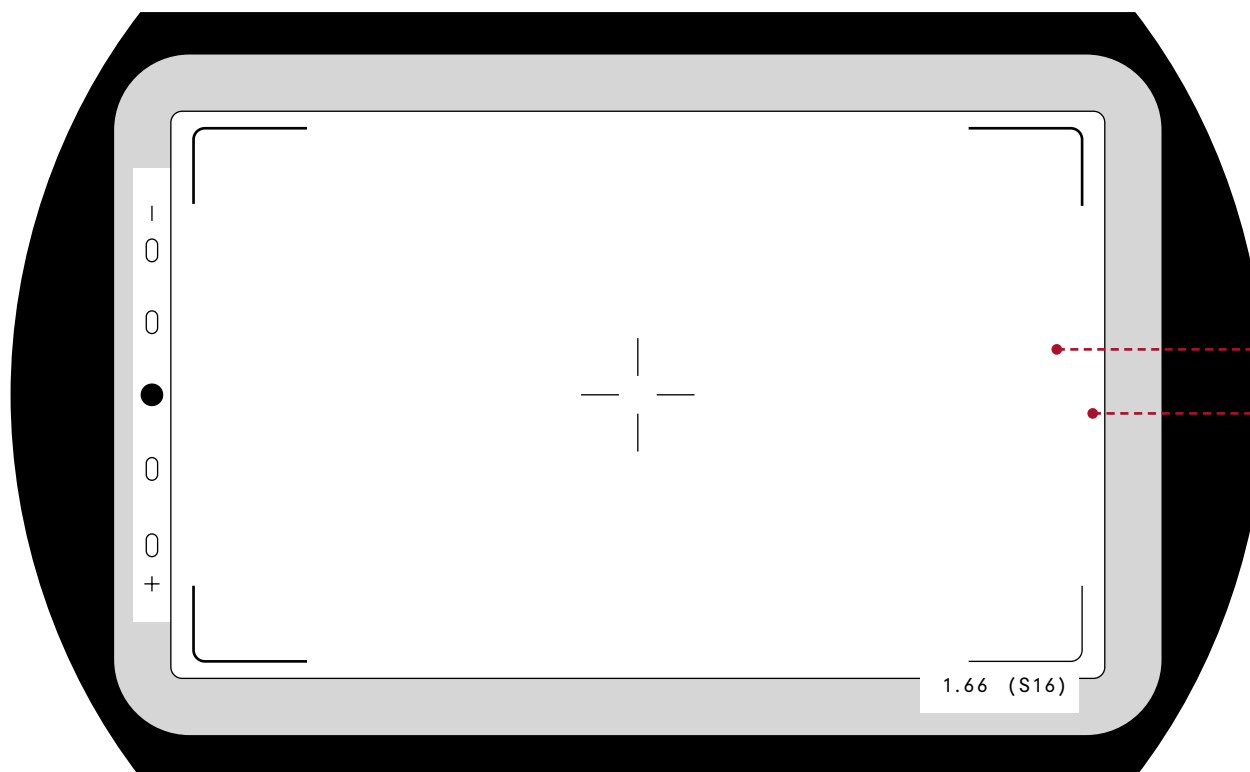
Correspondingly Exposed Negative Area



F

$12.35^{+0.02}$ mm x $7.5^{+0.015}$ mm

Ground Glass Marking Dimensions



$11.75^{+0.05}$ mm x $7.05^{+0.05}$ mm projected area

$12.35^{+0.05}$ mm x $7.5^{+0.05}$ mm camera aperture

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

1.66 (S16) - TV 1.33

Format

S16

Ident-Nr.

K2.47210.0

K2.47356.0

for ARRIFLEX 16 SR 3

for ARRIFLEX 16 SR 3 Advanced

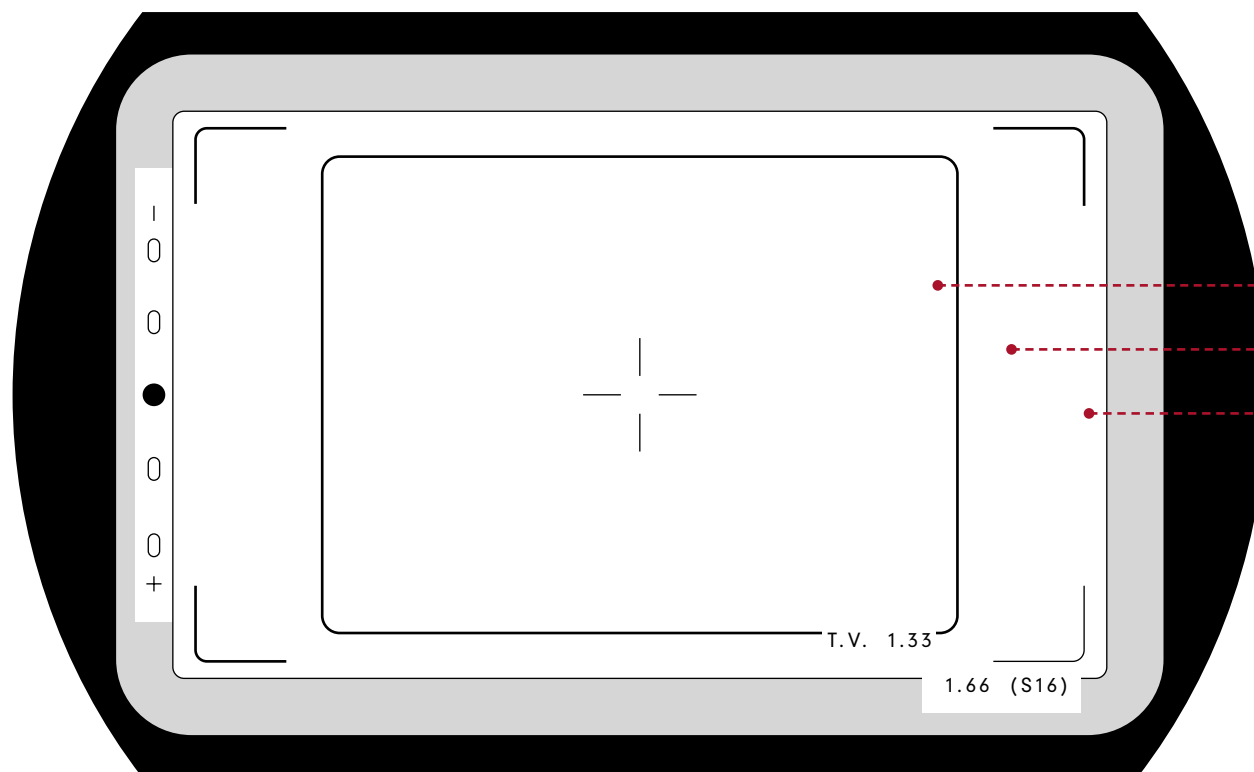
Correspondingly Exposed Negative Area



F

$12.35^{+0.02}$ mm x $7.5^{+0.015}$ mm

Ground Glass Marking Dimensions



$8.4^{+0.02}$ mm x $6.3^{+0.02}$ mm TV safe action 4:3

$11.75^{+0.05}$ mm x $7.05^{+0.1}$ mm projected area

$12.35^{+0.05}$ mm x $7.5^{+0.05}$ mm camera aperture

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

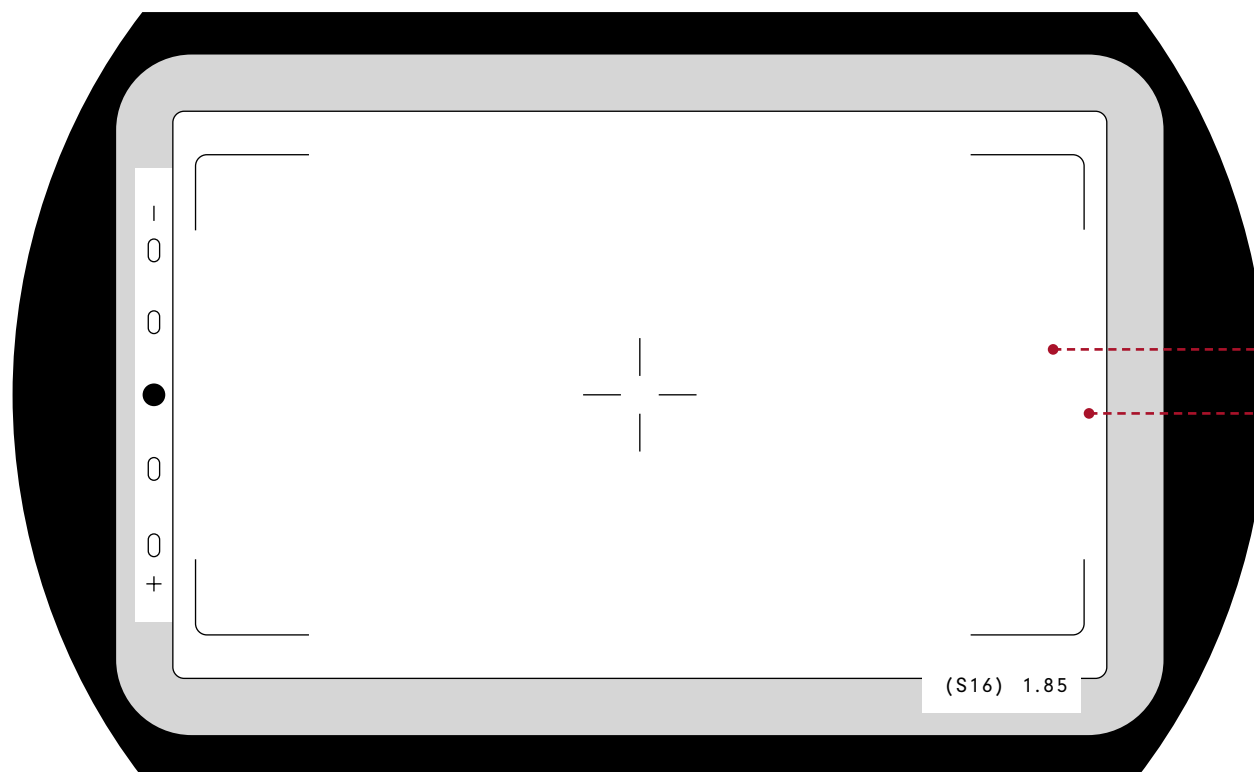
Ground Glass Drawing	Format	Ident-Nr.	
1.85 (S16)	S16	K2.47211.0	for ARRIFLEX 16 SR 3
		K2.47357.0	for ARRIFLEX 16 SR 3 Advanced

Correspondingly Exposed Neagative Area



12.35^{+0.02} mm x 7.5^{+0.015} mm

Ground Glass Marking Dimensions



11.75^{+0.05} mm x 6.35^{+0.1} mm projected area

12.35^{+0.05} mm x 7.5^{+0.05} mm camera aperture

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

TV 1.78 - TV 1.33

Format

S16

Ident-Nr.

K2.47213.0

K2.47358.0

for ARRIFLEX 16 SR 3

for ARRIFLEX 16 SR 3 Advanced

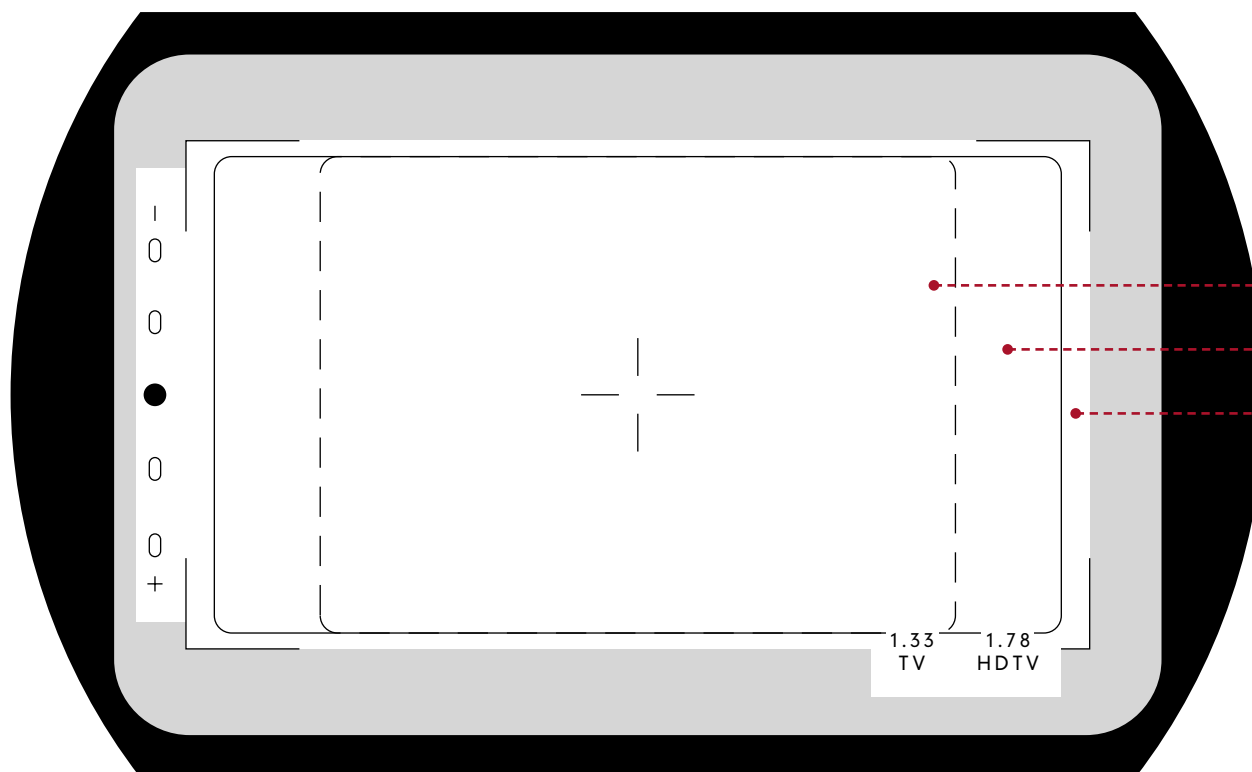
Correspondingly Exposed Neagative Area



F

$12.35^{+0.02}$ mm x $7.5^{+0.015}$ mm

Ground Glass Marking Dimensions



$8.4^{+0.05}$ mm x $6.3^{+0.05}$ mm TV safe action 4:3

$11.2^{+0.05}$ mm x $6.3^{+0.05}$ mm TV safe action 16:9

$11.95^{+0.05}$ mm x $6.72^{+0.05}$ mm transmitted area 16:9

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

TV 1.78

Format

S16

Ident-Nr.

K2.47034.0

K2.47359.0

for ARRIFLEX 16 SR 3

for ARRIFLEX 16 SR 3 Advanced

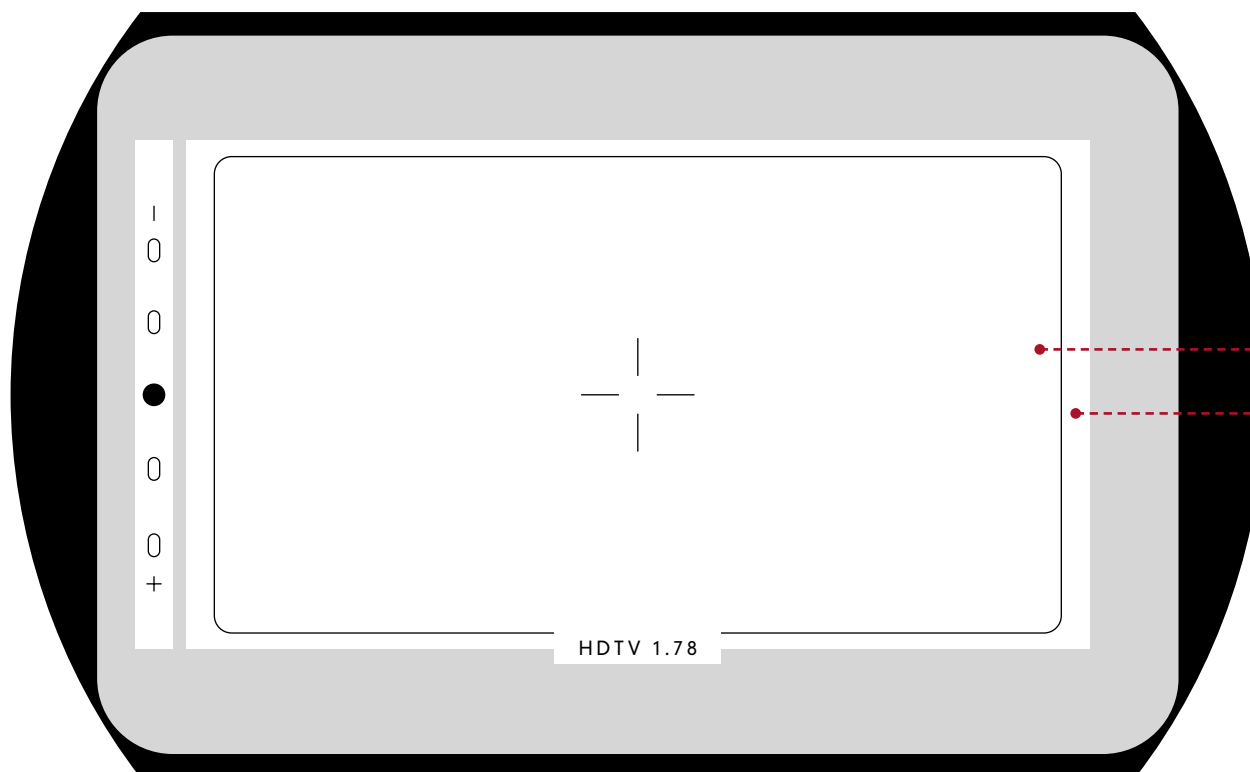
Correspondingly Exposed Neagative Area



F

12.35^{+0.02} mm x 7.5^{+0.015} mm

Ground Glass Marking Dimensions



11.2^{+0.05} mm x 6.3^{+0.05} mm TV safe action 16:9

11.95^{+0.05} mm x 6.72^{+0.05} mm transmitted area 16:9

drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.

Ground Glass Drawing

1.66/1.85 (S16) - TV 1.33/1.78

Format

S16

Ident-Nr.

K2.47214.0

K2.47360.0

for ARRIFLEX 16 SR 3

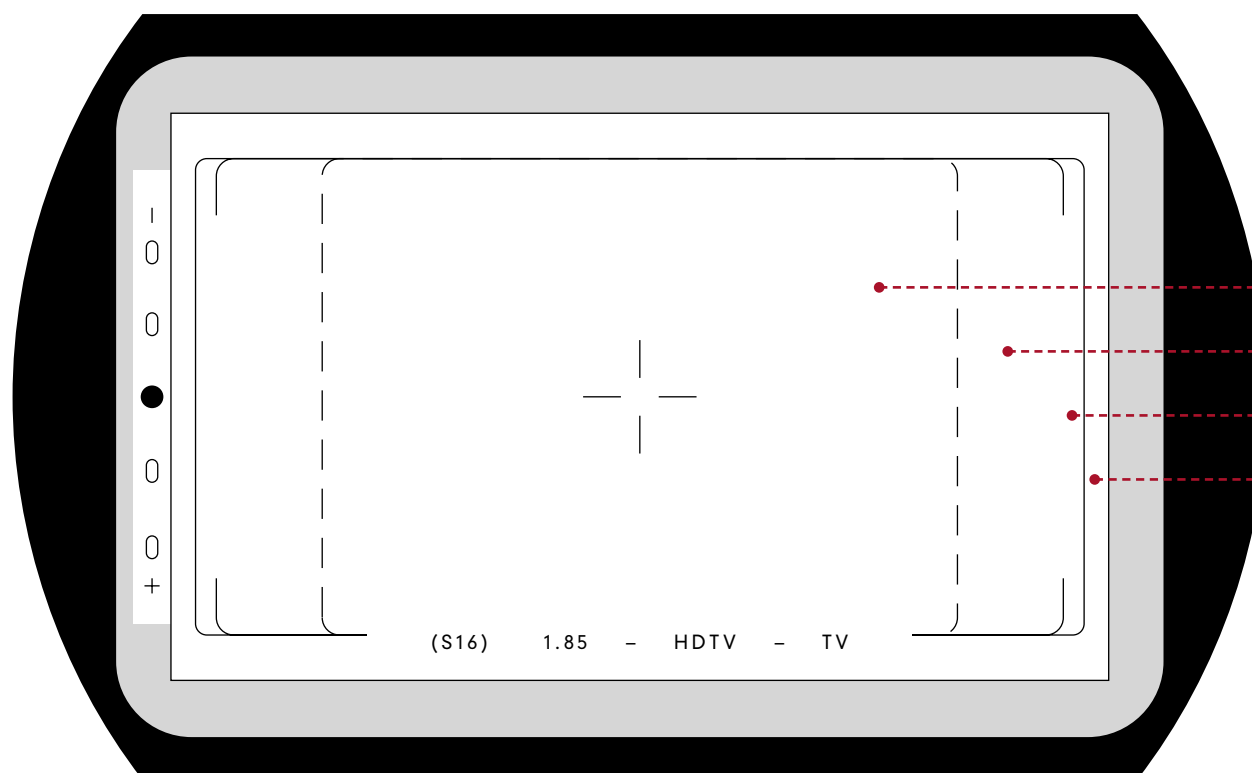
for ARRIFLEX 16 SR 3 Advanced

Correspondingly Exposed Negative Area



12.35^{+0.02} mm x 7.5^{+0.015} mm

Ground Glass Marking Dimensions

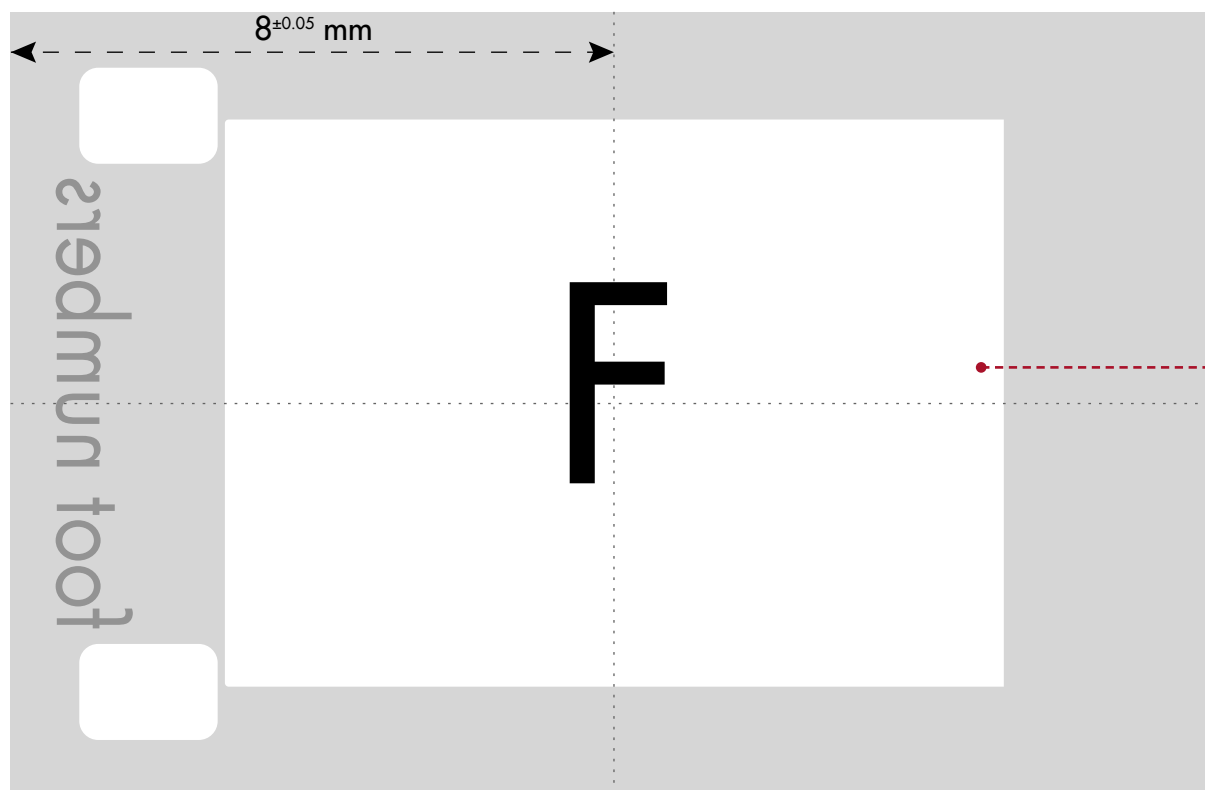


- 8.4^{+0.05} mm x 6.3^{+0.05} mm TV safe action 4:3
- 11.2^{+0.05} mm x 6.3^{+0.05} mm TV safe action 16:9
- 11.75^{+0.05} mm x 6.3^{+0.05} mm projected area
- 12.4^{+0.05} mm x 7.5^{+0.05} mm camera aperture

Line at 7.05 mm not shown for better readability

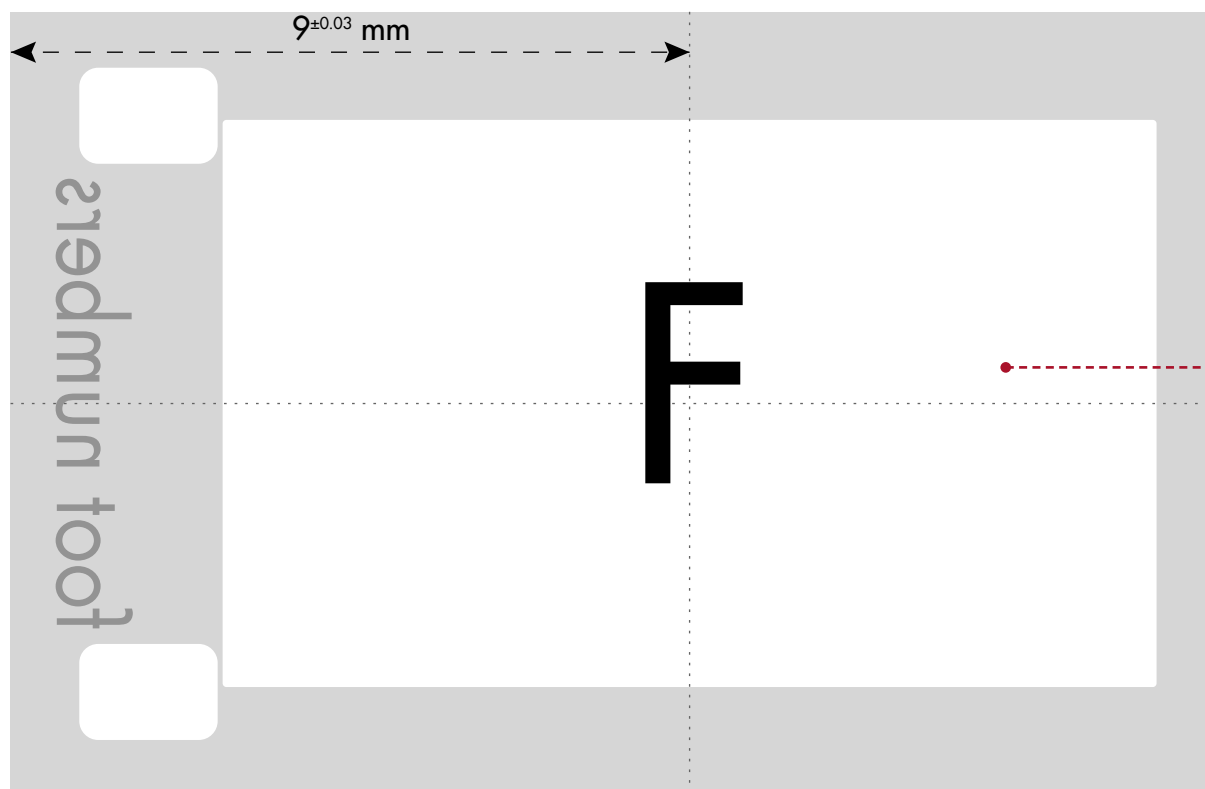
drawing scale 10:1

The ground glasses for the ARRIFLEX 16SR 3 (and HS) Advanced are basically identical with the ground glasses for the ARRIFLEX 16SR 3 (and HS), but they do not show the markings for the exposure meter.



Exposed Negative Area

10.3^{+0.05} mm x 7.5^{+0.015} mm



Exposed Negative Area

drawing scale 10:1

5. ARRI Service



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technical data are subject to change without notice