The ARRI-Guide

for Ground Glasses, Frameglow-, Format Masks and Exposed Negative Areas

for ARRICAM, ARRIFLEX 535, 535B, 435, 235

ARRIFLEX 16SR 3 / Advanced

and ARRIFLEX 416 Cameras

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As of: April 2007

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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.

Scanned Area
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.

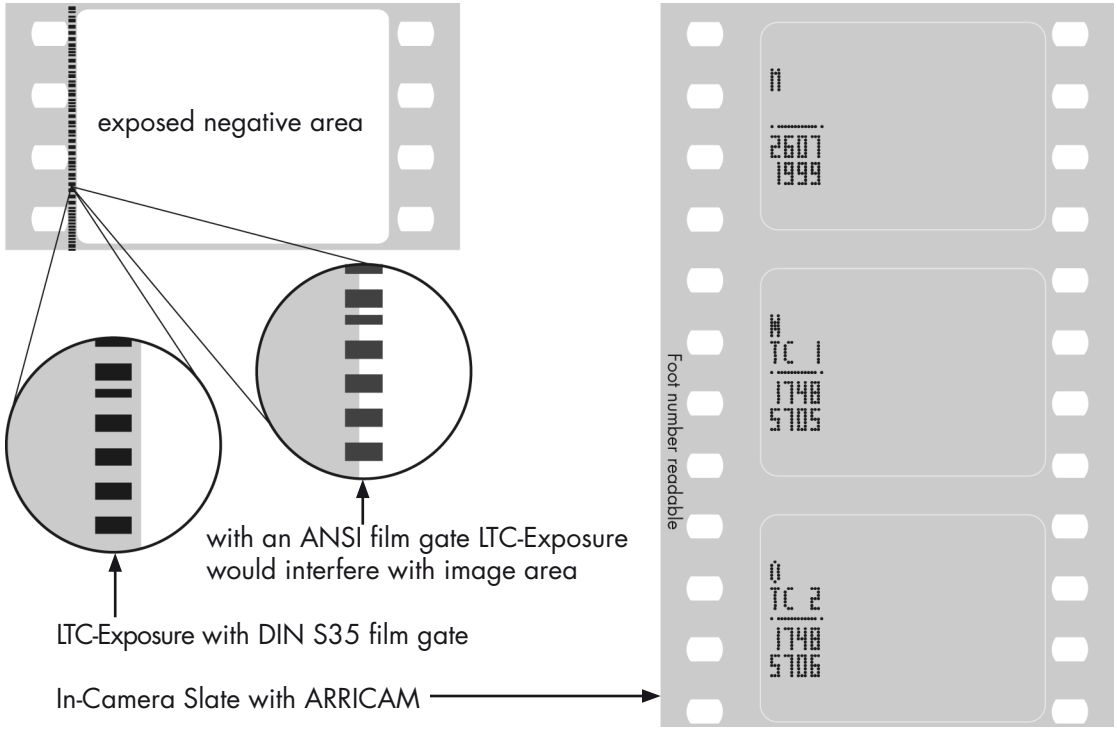
TV safe title
Image area inside the TV safe action area in which titles can be expected to be displayed in optimum quality at the TV screen.

DIN Super 35
(DIN S35)
This format was originally developped 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 beeing part of any industry norm. Only as late as in the 1990ties this format was standardized in an ANSI norm.

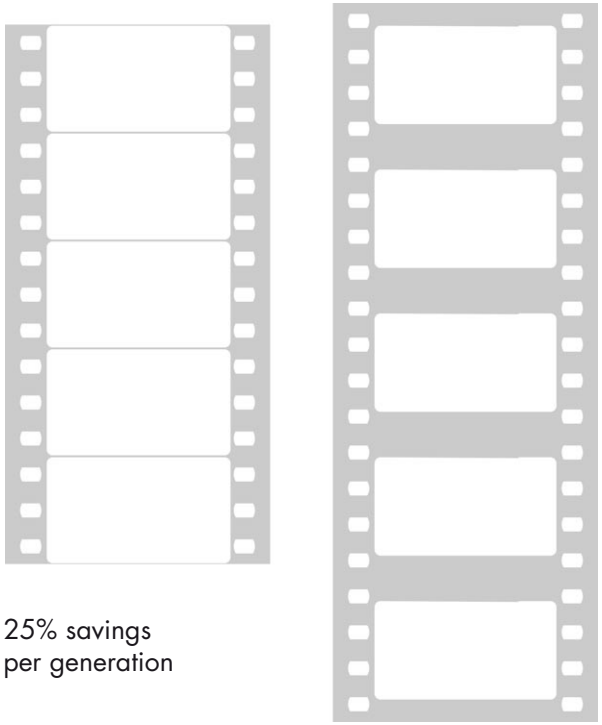
TC Exposure

The DIN S35 format was small enaugh 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.



25% savings
per generation

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!

1.37 (Academy)

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	K2.44420.C
Glowmask 435/535:	K2.47006.3

TV 1.33 Safe (R 3.6 mm)

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	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 235/435/535:	K2.41200.E*
Glowmask 435/535:	K2.47010.3*

1.85+1.37

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	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 235/435/535:	K2.44420.L
Glowmask 435/535:	K2.47055.S

1.66+1.37

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	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 235/435/535:	K2.44420.N
Glowmask 435/535:	K2.47057.S

1.66+TV 1.33 safe

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	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 235/435/535:	K2.44420.S
Glowmask 435/535:	K2.47015.S

1.85+1.66

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	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 235/435/535:	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 235/435/535:	K2.41200.D
Glowmask 435/535:	K2.47283.3

*) not available any more

1.37+TV 1.33 safe

ARRICAM:	K2.54000.0
Glowmask ST:	K2.54051.0
Glowmask LT:	K2.54051.0
ARRIFLEX 235/435/535:	–
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 235/435/535:	–
Glowmask 435/535:	–

DIN S35 Silent 1.33

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.E
Glowmask 435/535:	K2.47005.3

DIN S35 2.35 off center

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.F
Glowmask 435/535:	K2.47018.3

DIN S35 1.85

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.G
Glowmask 435/535:	K2.47009.3

DIN S35 2.35 + 1.85 common top

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.H
Glowmask 435/535:	K2.47172.3

DIN S35 1.85+TV 1.33 safe

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.I
Glowmask 435/535:	K2.47059.3

DIN S35 2.35 centric

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.W
Glowmask 435/535:	K2.47035.3

DIN S35 TV 1.78 safe

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.44420.2
Glowmask 435/535:	K2.47008.3

DIN S35 TV 1.33 safe

ARRICAM:	–
Glowmask ST:	–
Glowmask LT:	–
ARRIFLEX 235/435/535:	K2.41200.F
Glowmask 435/535:	K2.47281.3

ANSI S35 Silent 1.33

ARRICAM:	K2.54083.0
Glowmask ST:	K2.54119.0
Glowmask LT:	K2.54119.0
ARRIFLEX 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	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 235/435/535:	K2.47418.0
Glowmask 435/535:	K2.47430.0

ANSI S35 3 P TV 1.78+1.33 trans

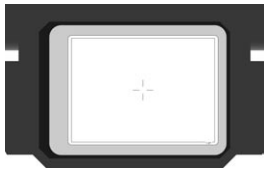
ARRICAM:	K2.54063.0
Glowmask ST:	K2.54057.0
Glowmask LT:	K2.54057.0
ARRIFLEX 235/435/535:	K2.47412.0
Glowmask 435/535:	K2.47424.0

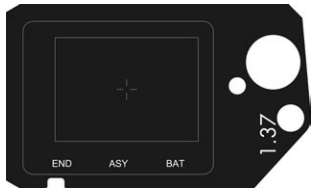
Blank

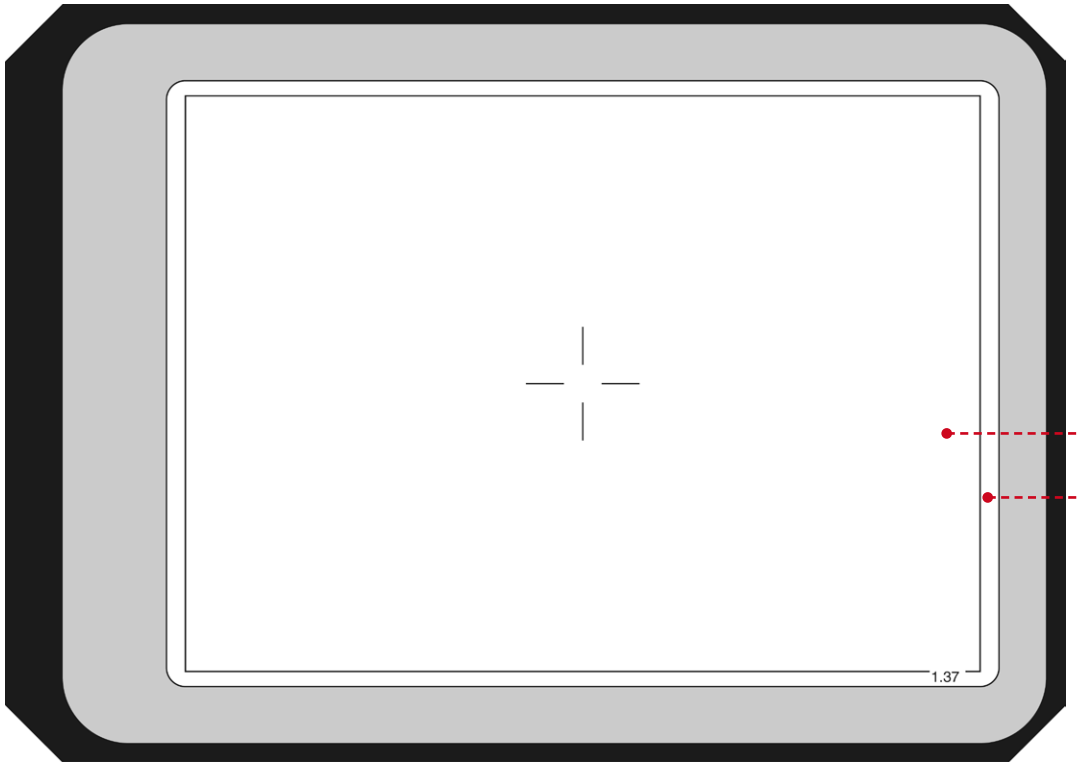
ARRICAM:	K2.54142.0
Glowmask ST:	K2.54141.0
Glowmask LT:	K2.54141.0
ARRIFLEX 235/435/535:	K2.47397.0
Glowmask 435/535:	K2.47169.0

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**N/A**	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.0**	**K2.47004.3**		

**) only Ground Glass*







drawing scale 5:1

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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!

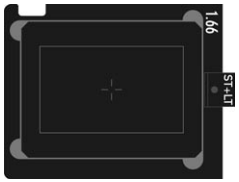
Ground Glass Marking Dimensions

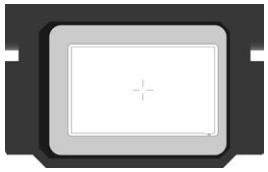
21 mm x 15.2 mm	=	N35 projected area 1.37
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

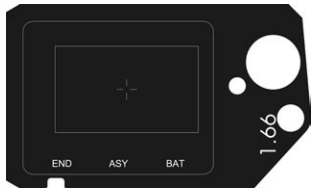
tolerance for format markings on ground glass ±0.02 mm

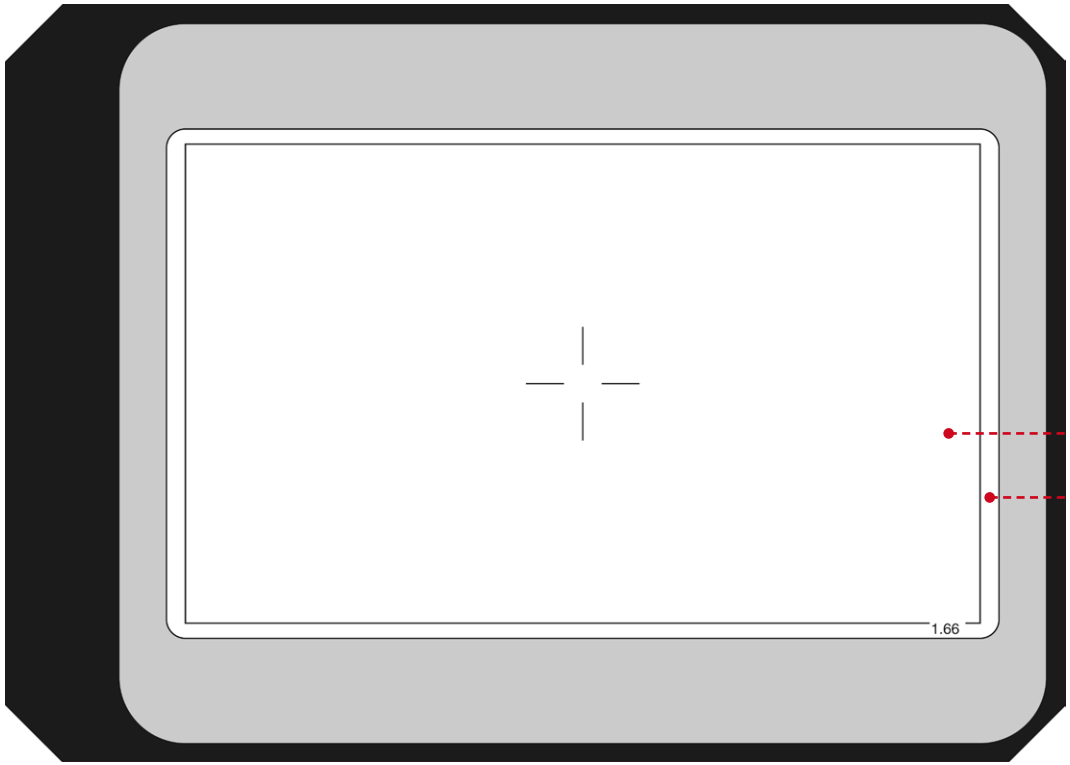
	Ground Glass	Frameglow
ARRICAM	**K2.54101.0**	**K2.54118.0**
ARRIFLEX 235*/435/535	**K2.44420.A**	**K2.47012.3**

*) only Ground Glass



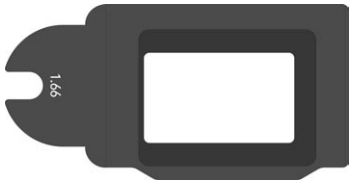






drawing scale 5:1

Format-Mask



K5.42390.0
exposed negative area:
22 mm x 13.2 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

3-Perforation

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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

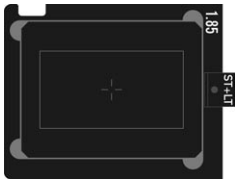
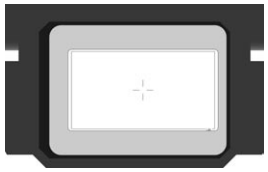
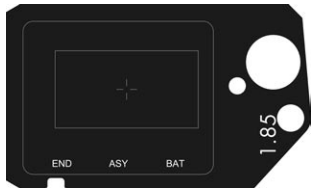
K2.52060.0
exposed negative area:
22 mm x 13.2 mm

in preparation

Ground Glass Marking Dimensions

21 mm x 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

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54103.0**	**K2.54112.0**		
				
ARRIFLEX 235*/435/535	**K2.44420.B**	**K2.47011.3**		
**) only Ground Glass*				

Format-Mask

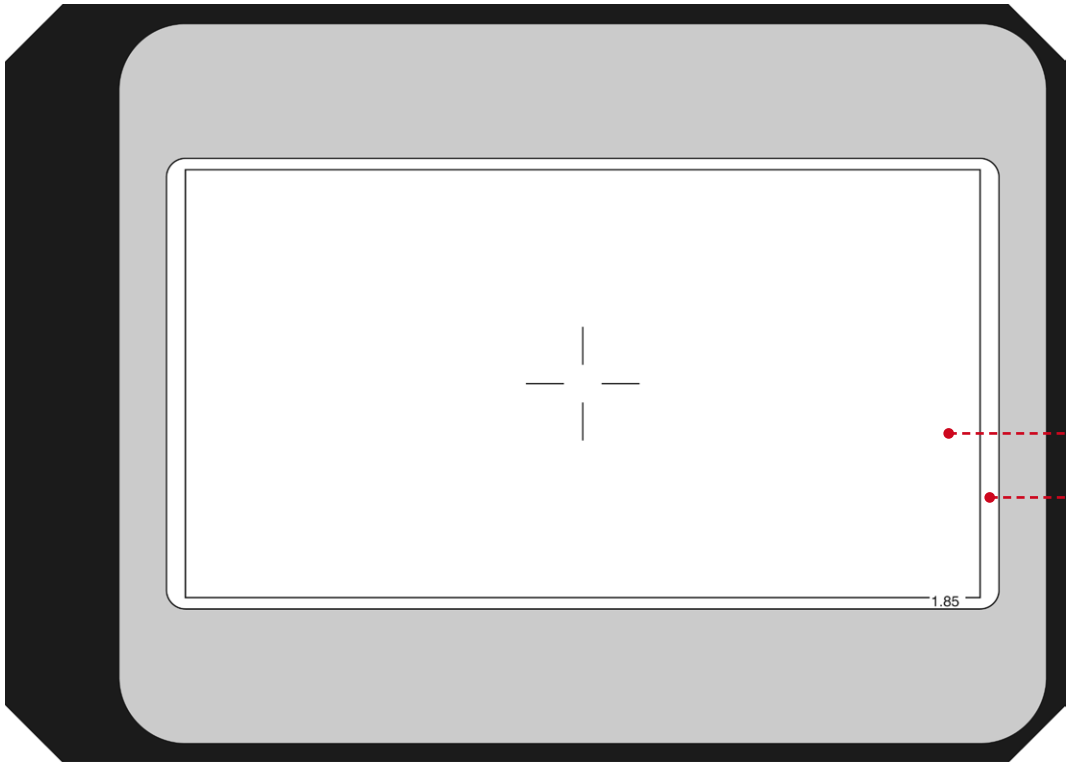
K5.42391.0
exposed negative area:
22 mm x 11.9 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

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

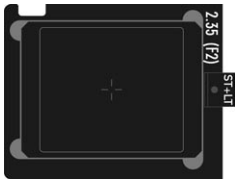
21 mm x 11.3 mm	=	N35 projected area 1.85
22 mm x 11.9 mm	=	camera aperture with format mask K5.42391.0

drawing scale 5:1

tolerance for format markings on ground glass ±0.02 mm

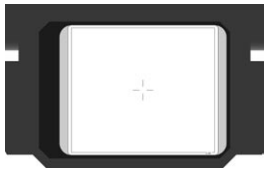
	Ground Glass	Frameglow	4-Perforation	3-Perforation

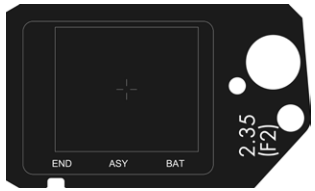
ARRICAM K2.54084.0 K2.54123.0

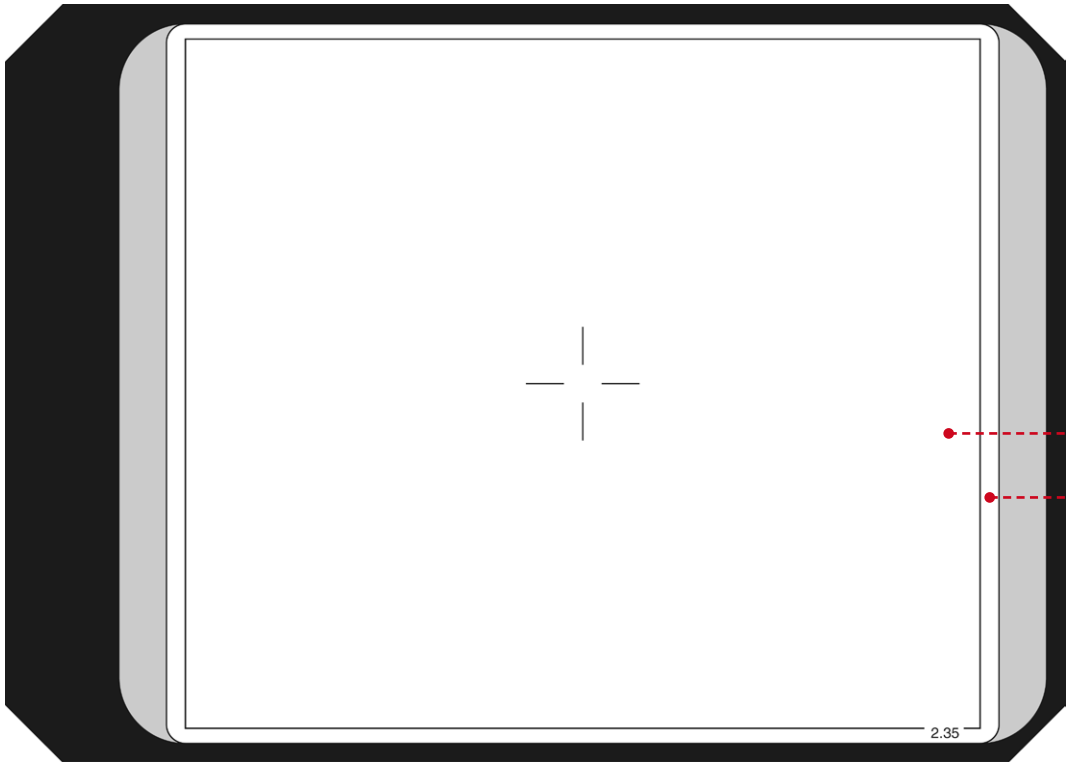


ARRIFLEX 235*/435/535 K2.44420.C K2.47006.3

**) only Ground Glass*

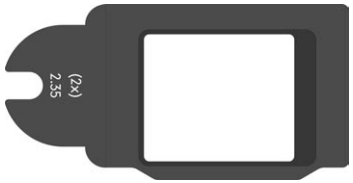






drawing scale 5:1

Format-Mask



K5.42388.0
exposed negative area:
22 mm x 18.6 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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

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

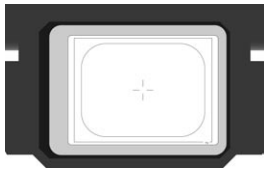
N/A

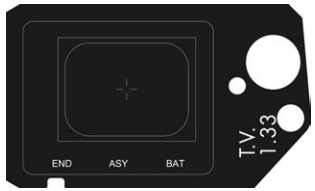
ARRIFLEX 235*/435/535

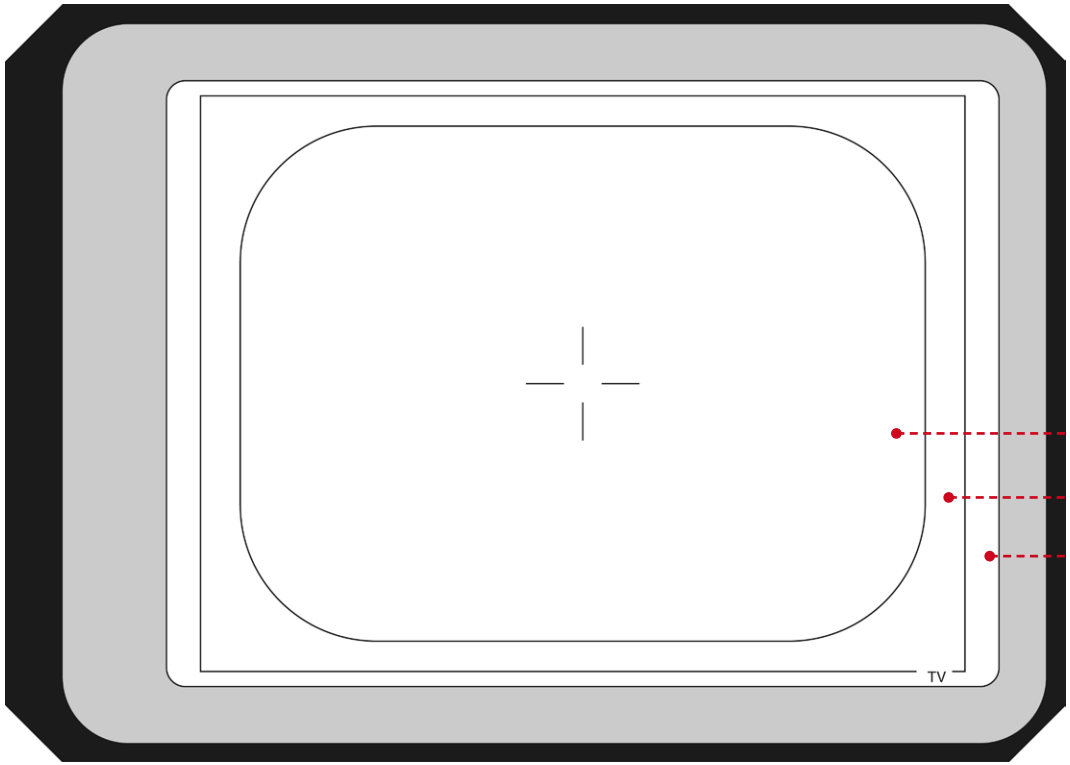
K2.44420.D

K2.47013.S

**) only Ground Glass*







drawing scale 5:1

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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!

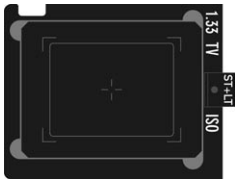
Ground Glass Marking Dimensions

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

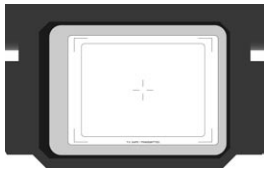
N35 TV 1.33 safe (R 0.5 mm)

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54100.0**	**K2.54117.0**		

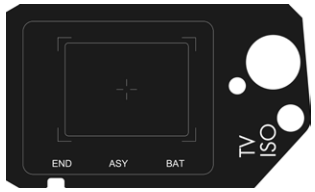


ARRIFLEX 235*/435/535	**K2.41200.E**	**K2.47010.3**

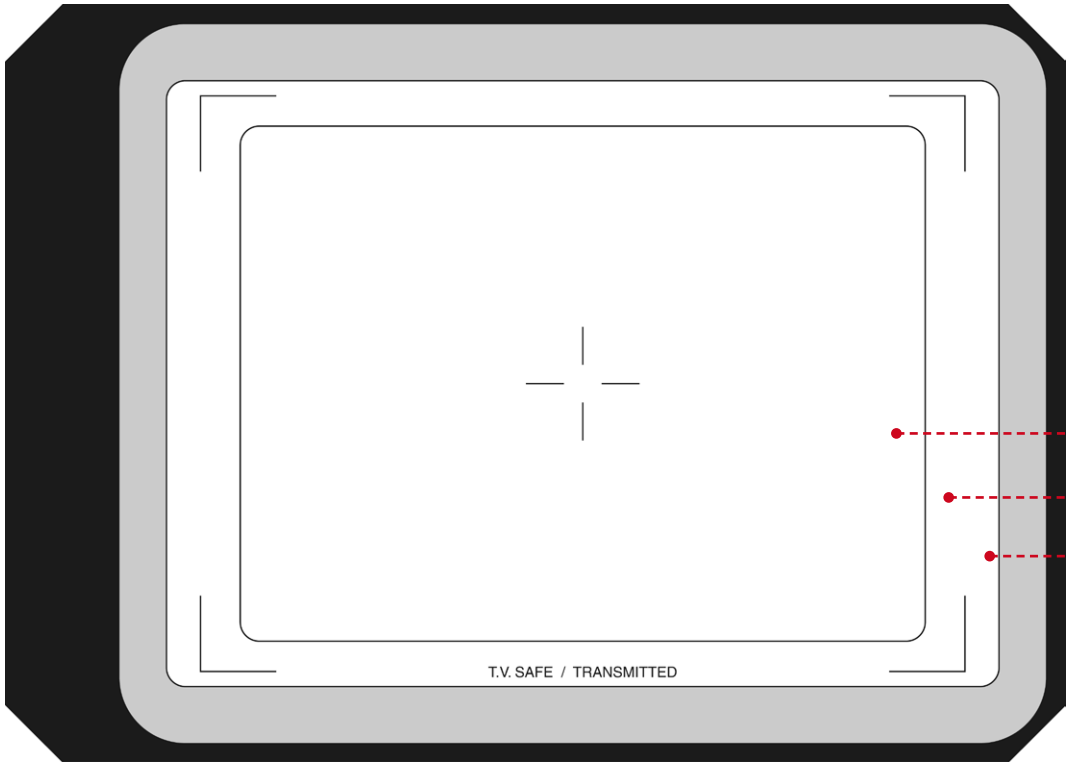
**) only Ground Glass*



no longer available



no longer available



drawing scale 5:1

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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

Ground Glass	Frameglow	4-Perforation	3-Perforation

ARRICAM

N/A

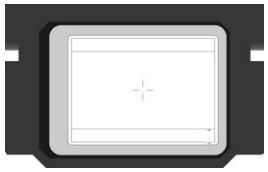
N/A

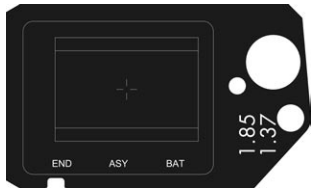
ARRIFLEX 235*/435/535

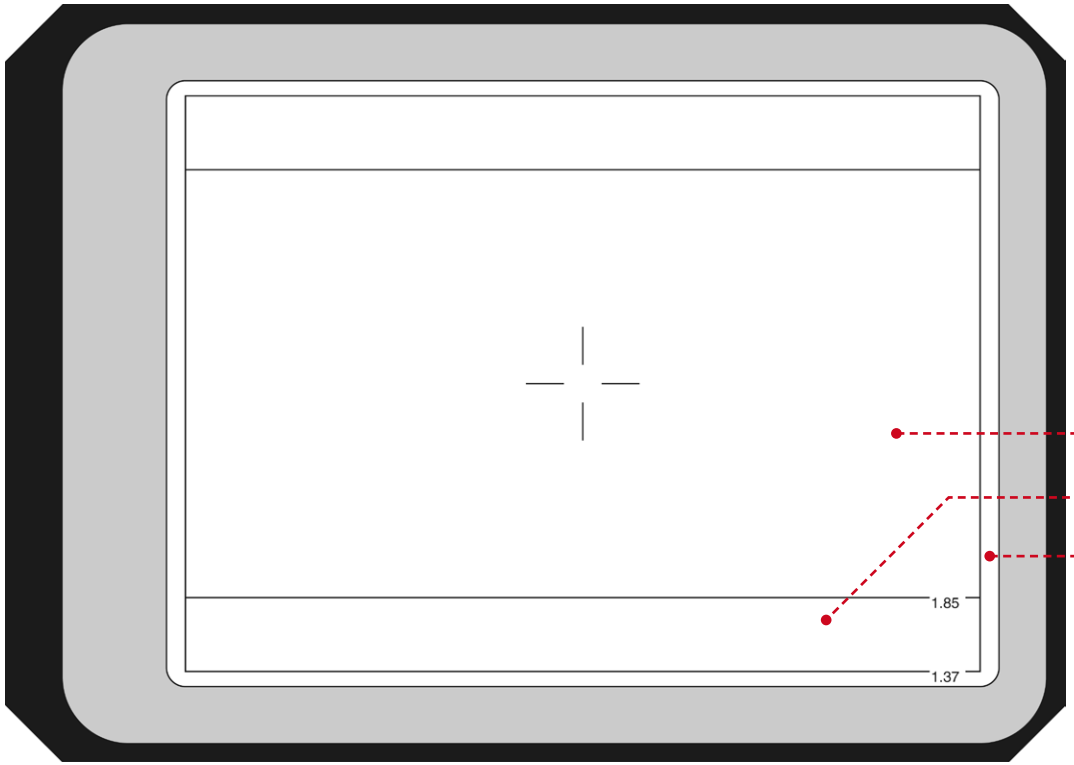
K2.44420.K

K2.46435.3

*) only Ground Glass







drawing scale 5:1

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0
exposed negative area:
22 mm x 16 mm

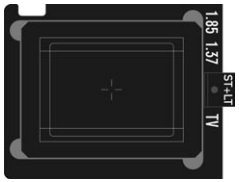
No 3-perforation operation possible!

Ground Glass Marking Dimensions

21 mm x 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

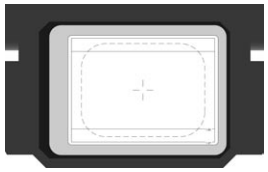
tolerance for format markings on ground glass ±0.02 mm

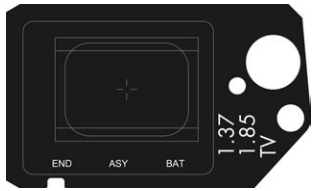
	Ground Glass	Frameglow
ARRICAM	**K2.54059.0**	**K2.54053.0**

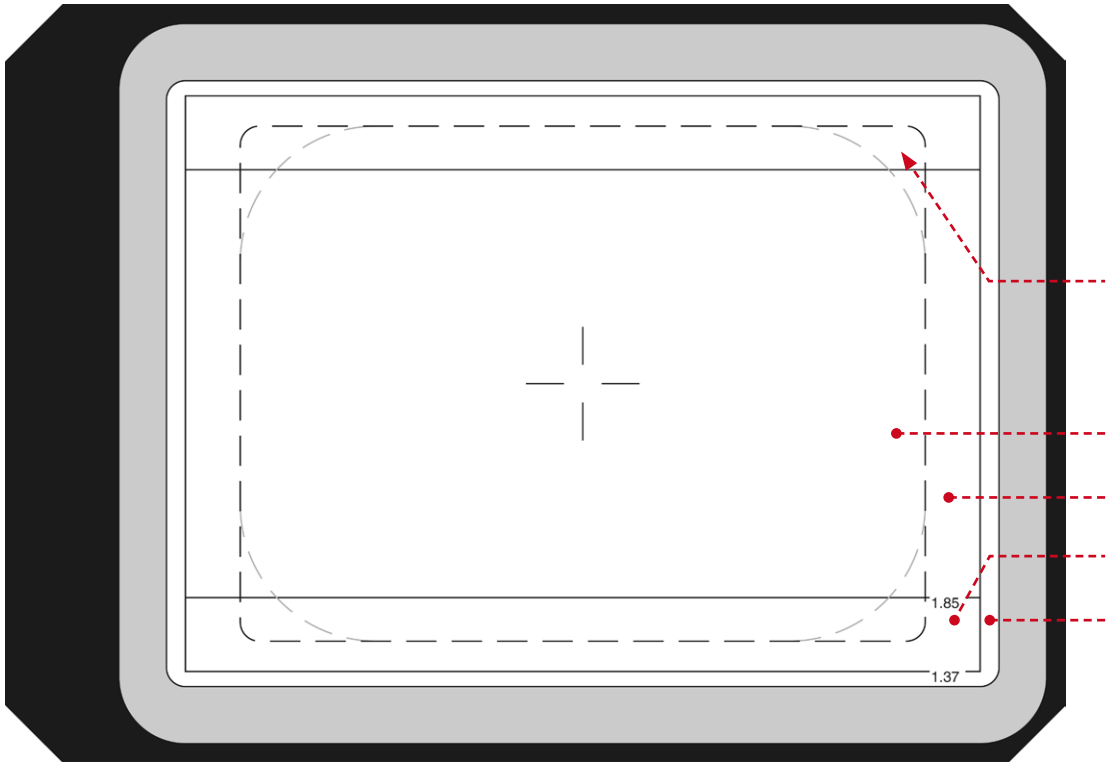


ARRIFLEX 235*/435/535	**K2.44420.L**	**K2.47055.S**

**) only Ground Glass*







drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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

tolerance for format markings on ground glass ±0.02 mm

Ground Glass	Frameglow	4-Perforation	3-Perforation

ARRICAM

N/A

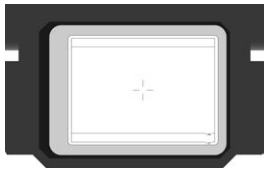
N/A

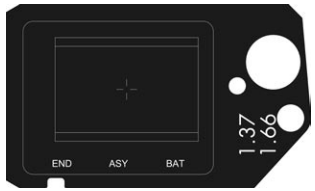
ARRIFLEX 235*/435/535

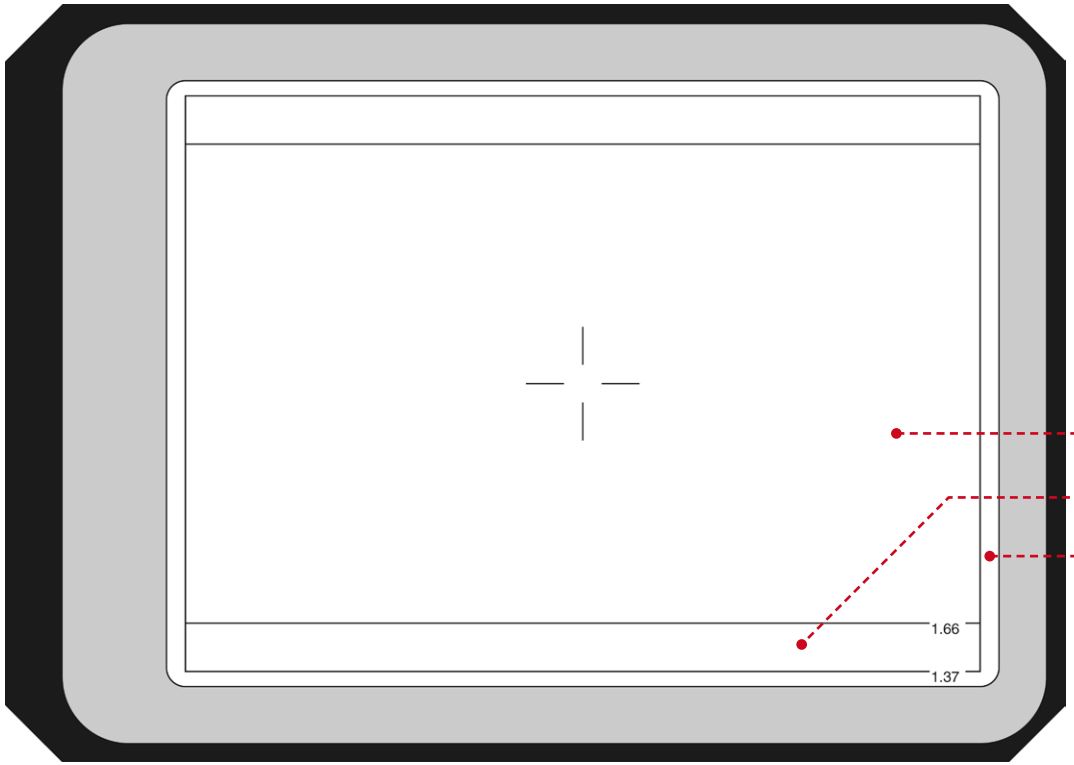
K2.44420.M

K2.47058.3

*) only Ground Glass







drawing scale 5:1

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0
exposed negative area:
22 mm x 16 mm

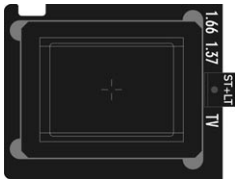
No 3-perforation operation possible!

Ground Glass Marking Dimensions

21 mm x 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

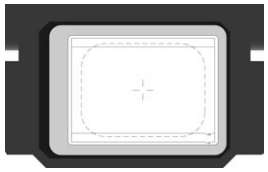
tolerance for format markings on ground glass ±0.02 mm

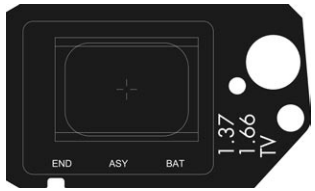
	Ground Glass	Frameglow
ARRICAM	**K2.54058.0**	**K2.54052.0**

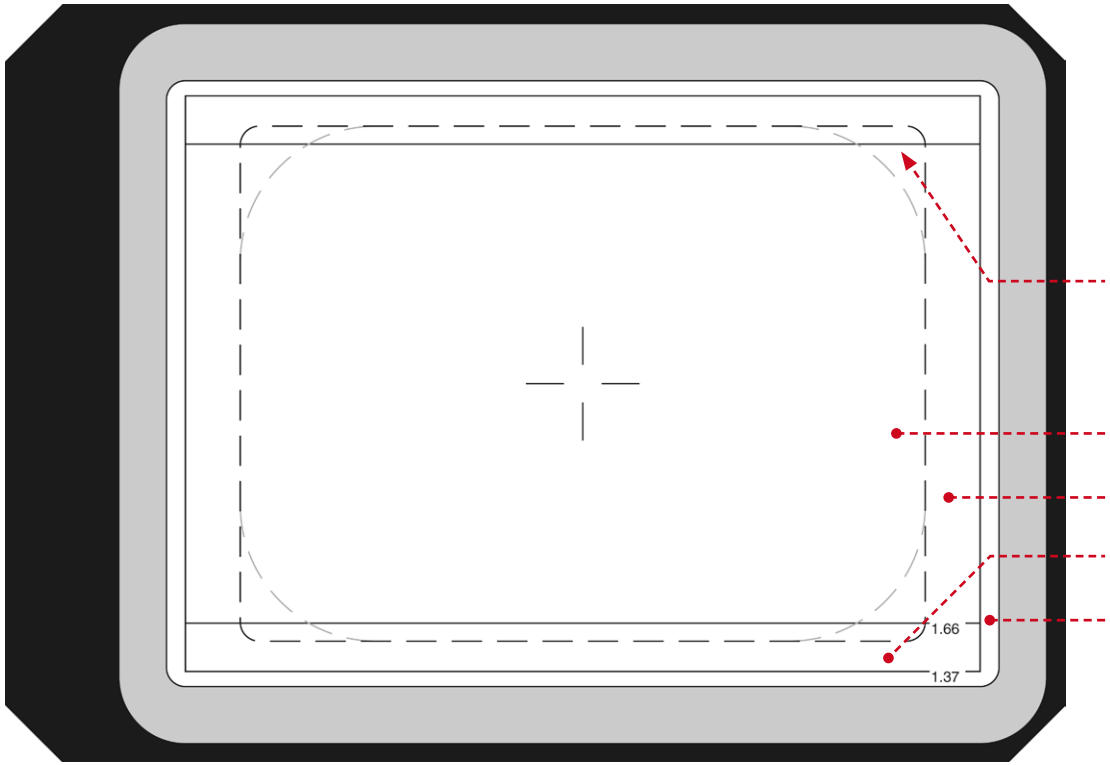


ARRIFLEX 235*/435/535	**K2.44420.N**	**K2.47057.S**

**) only Ground Glass*







drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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

tolerance for format markings on ground glass ±0.02 mm

Ground Glass	Frameglow	4-Perforation	3-Perforation

ARRICAM

N/A

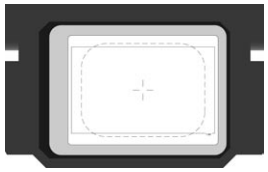
N/A

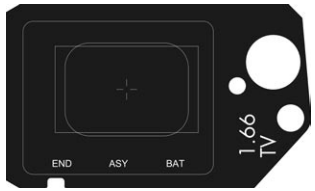
ARRIFLEX 235*/435/535

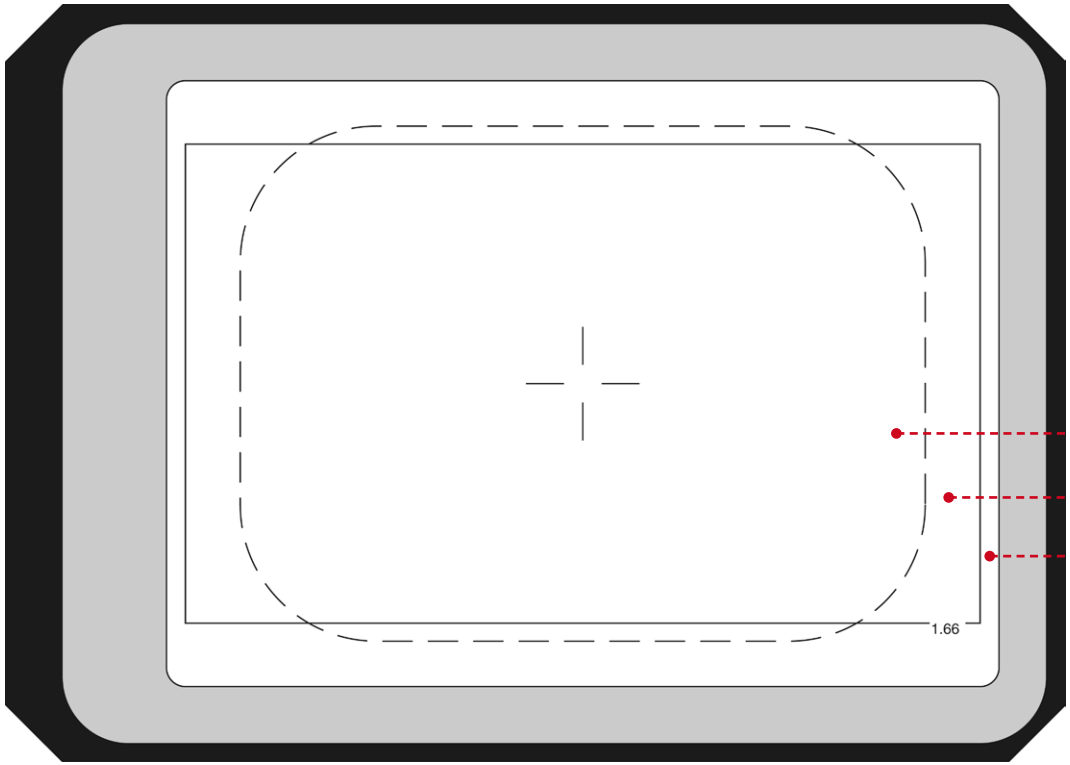
K2.44420.P

K2.47016.S

**) only Ground Glass*







drawing scale 5:1

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0
exposed negative area:
22 mm x 16 mm

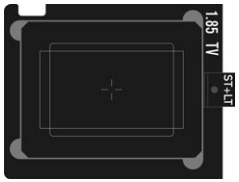
No 3-perforation operation possible!

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

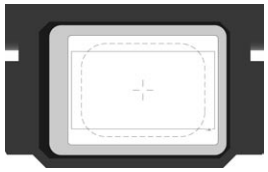
tolerance for format markings on ground glass ±0.02 mm

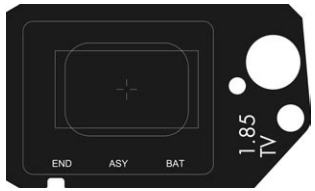
	Ground Glass	Frameglow
ARRICAM	**K2.54104.0**	**K2.54120.0**

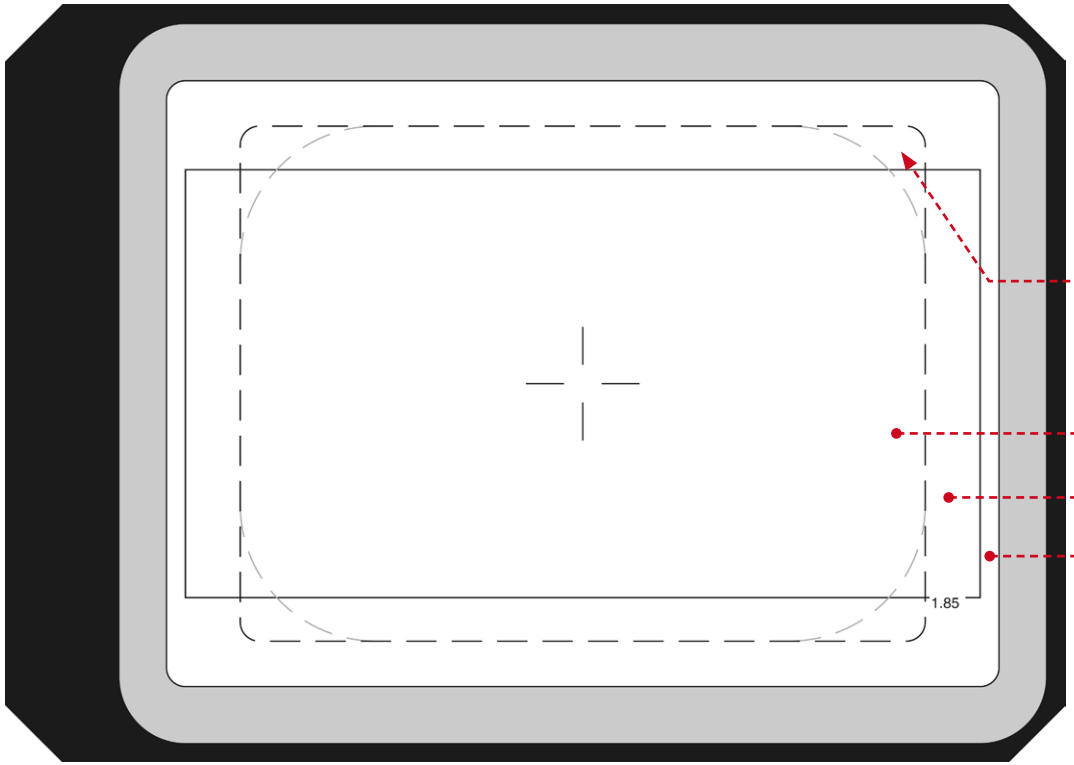


ARRIFLEX 235*/435/535	**K2.44420.S**	**K2.47015.S**

**) only Ground Glass*







drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask

K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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.

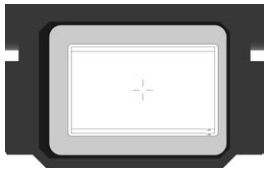
Ground Glass Marking Dimensions

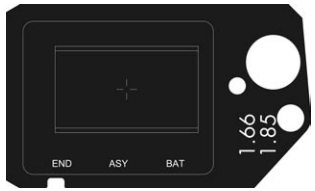
18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
21 mm x 11.3 mm	=	N35 projected area 1.85
22 mm x 16 mm	=	camera aperture with format mask K5.42387.0

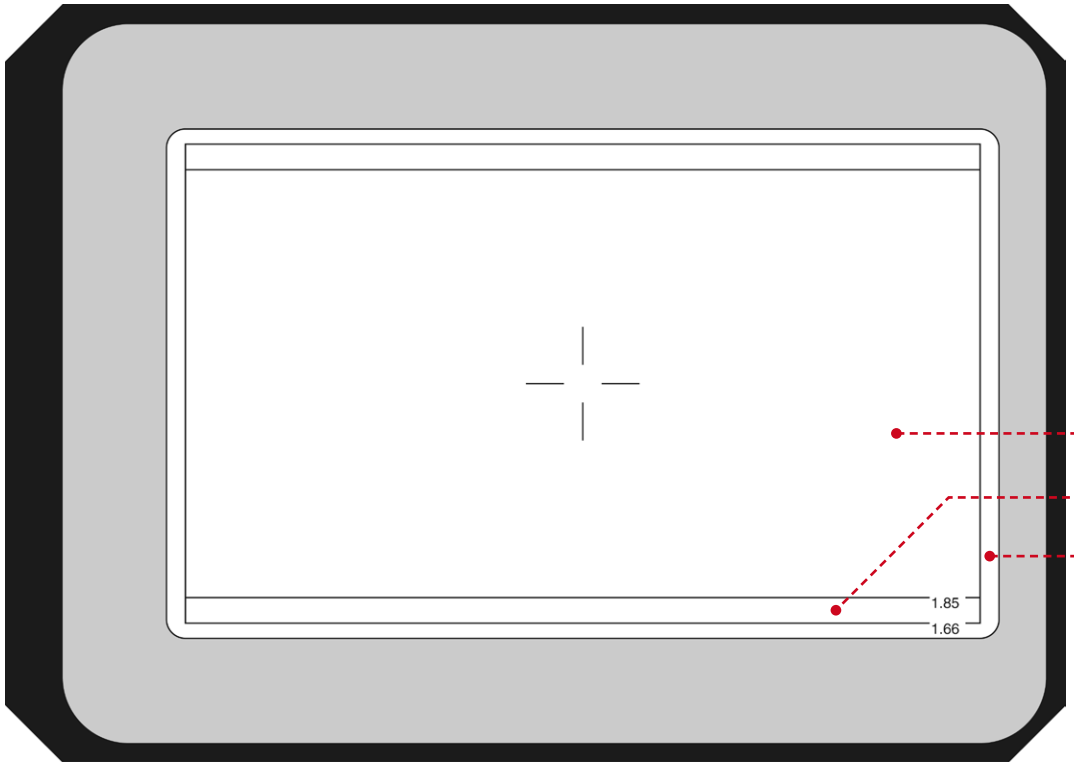
tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.V**	**K2.47017.3**		

**) only Ground Glass*

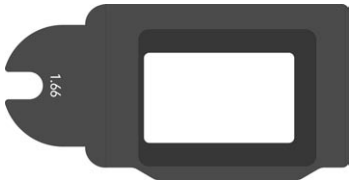






drawing scale 5:1

Format-Mask



K5.42390.0
exposed negative area:
22 mm x 13.2 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

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

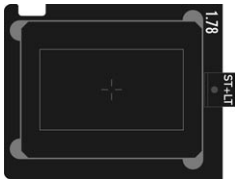
in preparation

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

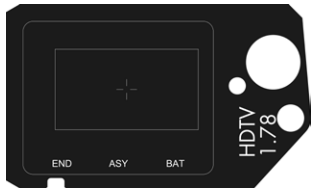
tolerance for format markings on ground glass ±0.02 mm

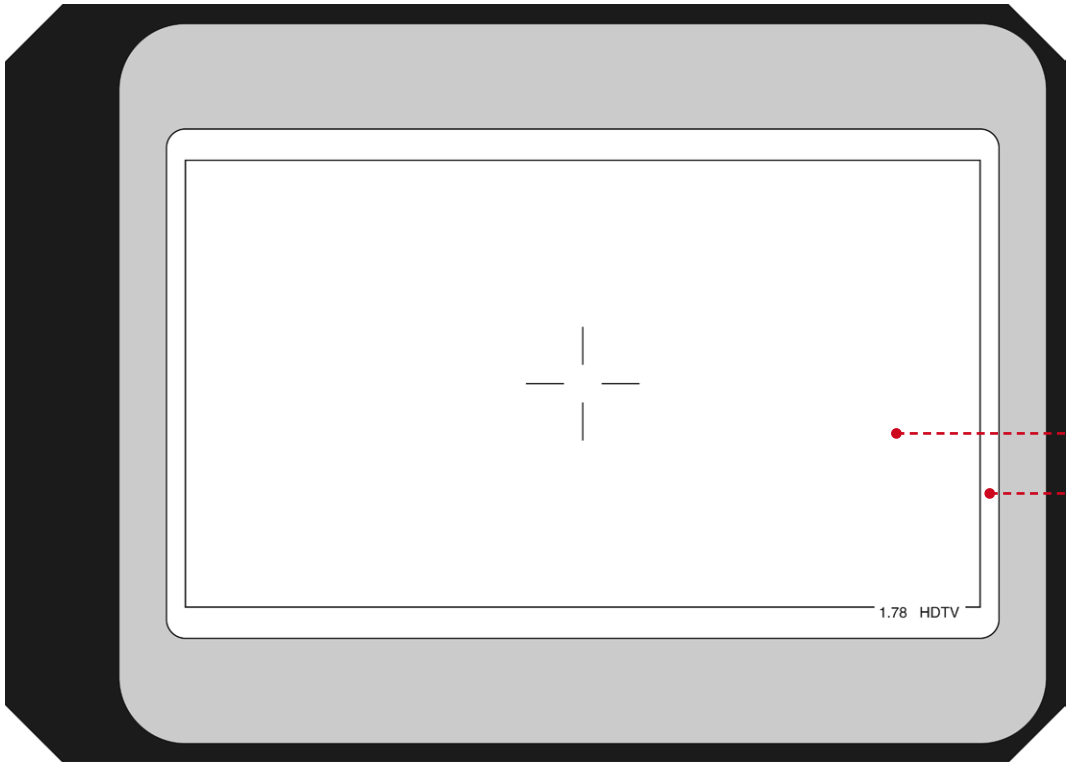
	Ground Glass	Frameglow
ARRICAM	K2.54102.0	K2.54113.0



ARRIFLEX 235*/435/535	K2.44420.X	K2.47007.3

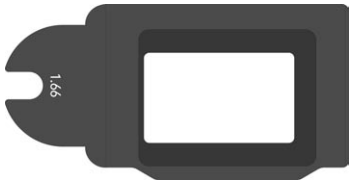
**) only Ground Glass*





drawing scale 5:1

Format-Mask



K5.42390.0
exposed negative area:
22 mm x 13.2 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

4-Perforation	3-Perforation
	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 235:** **Conversion Kit K4.65170.0** exposed negative area: 24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

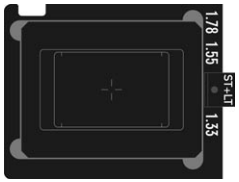
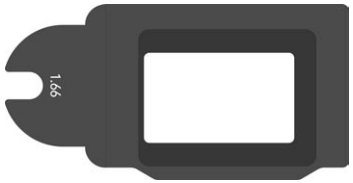
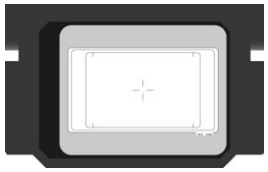
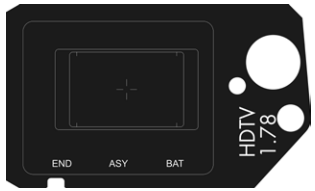
4-Perforation	3-Perforation
K2.52060.0 exposed negative area: 22 mm x 13.2 mm	**in preparation**

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

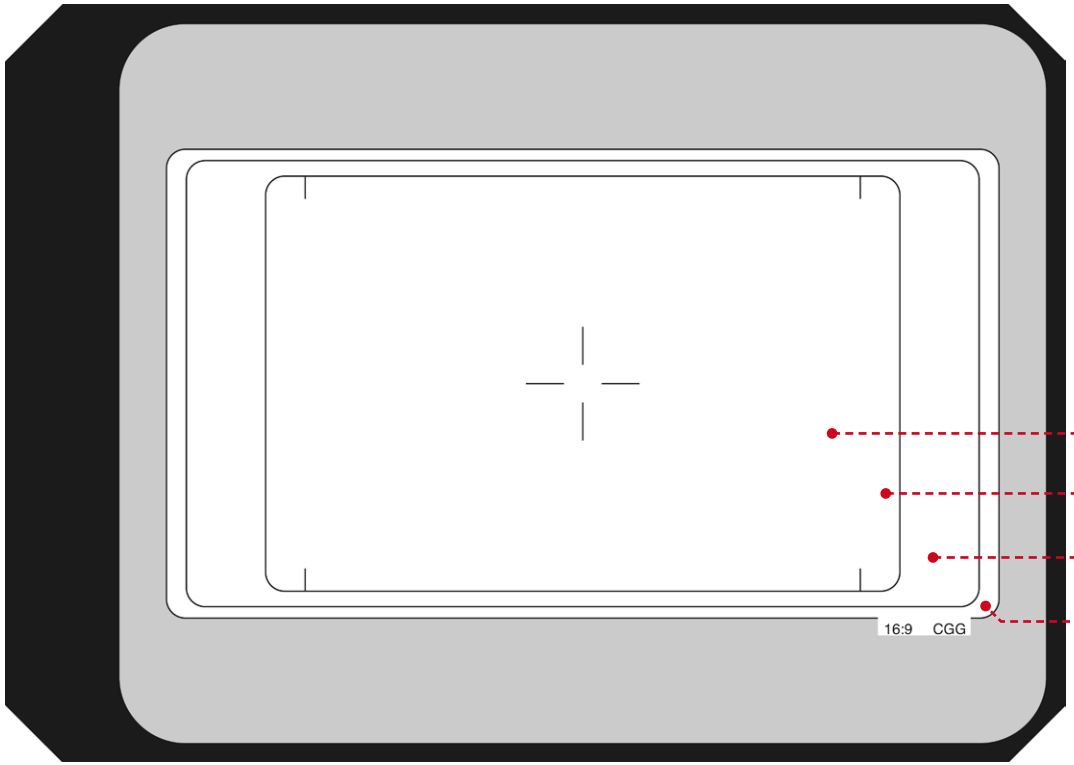
tolerance for format markings on ground glass ±0.02 mm

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 235*/435/535	**K2.41200.D**	**K2.47283.3**	**K5.42390.0** exposed negative area: 22 mm x 13.2 mm **ARRIFLEX 235** exposed negative area: 24.9 mm x 18.7 mm	**ARRIFLEX 435:** **not available** **ARRIFLEX 535/535B:** **not available** **ARRIFLEX 235:** **not available**
**) only Ground Glass*				

Capping Shutter Format Mask for ARRIFLEX 435

not available	**not available**



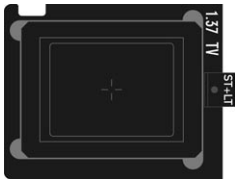
Ground Glass Marking Dimensions

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

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54000.0**	**K2.54051.0**	**Format-Mask**	



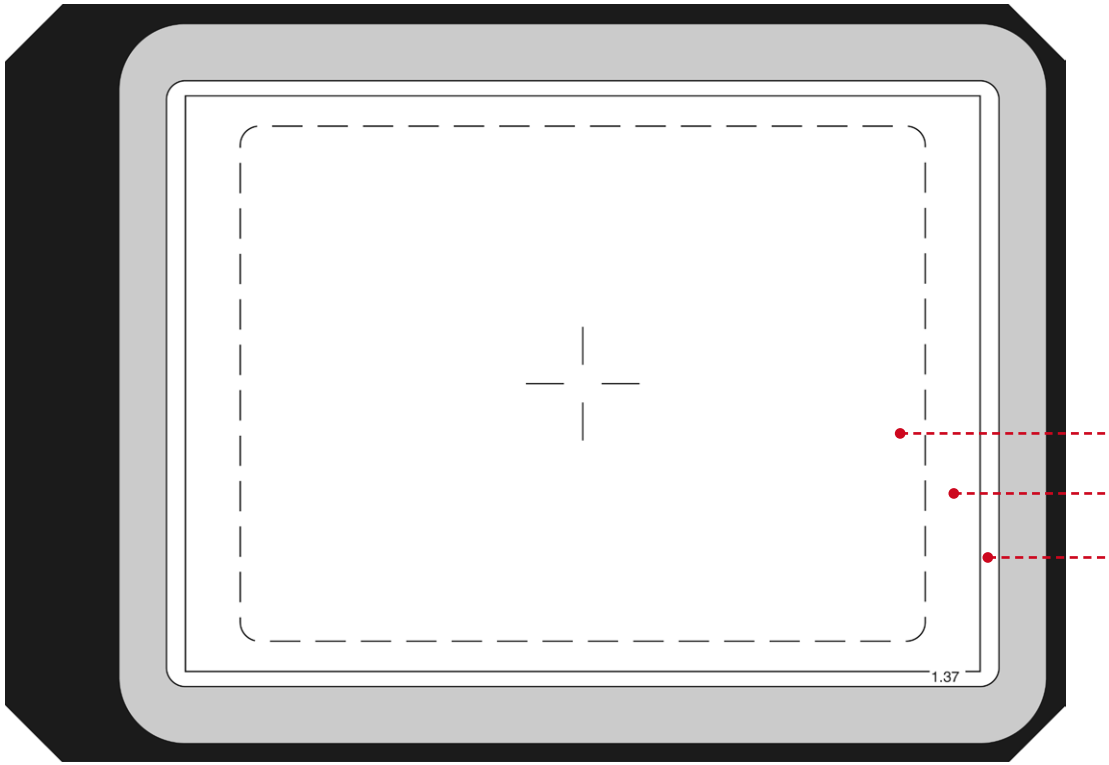
K5.42387.0
exposed negative area:
22 mm x 16 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

ARRIFLEX 235*/435/535

**) only Ground Glass*

N/A **N/A**



drawing scale 5:1

Capping Shutter Format Mask for ARRIFLEX 435

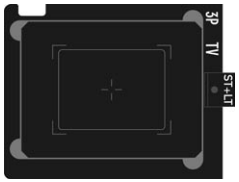
not available

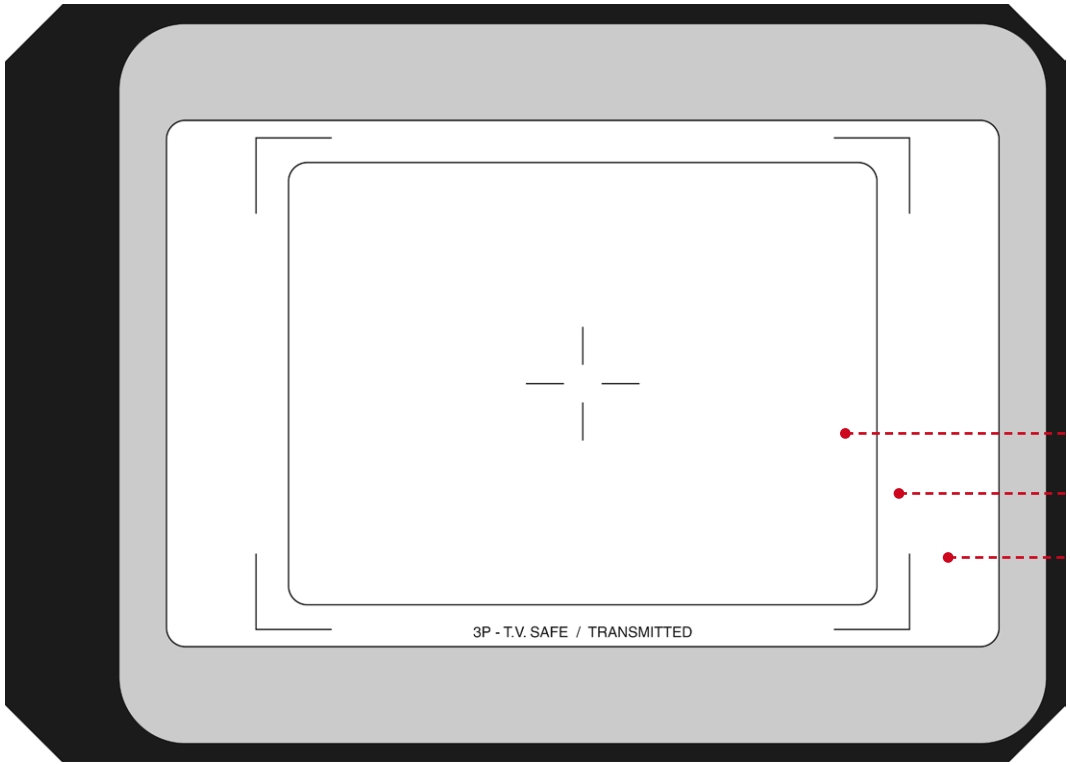
No 3-perforation operation possible!

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

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow
ARRICAM	**K2.54062.0**	**K2.54056.0**
		
ARRIFLEX 235*/435/535		
**) only Ground Glass*		
	N/A	**N/A**



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:** **not available** **ARRIFLEX 535/535B:** **not available** **ARRIFLEX 235:** **not available**
Capping Shutter Format Mask for ARRIFLEX 435		
	No 4-perforation operation possible!	**not available**

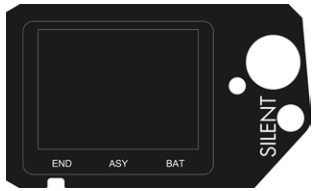
Ground Glass Marking Dimensions

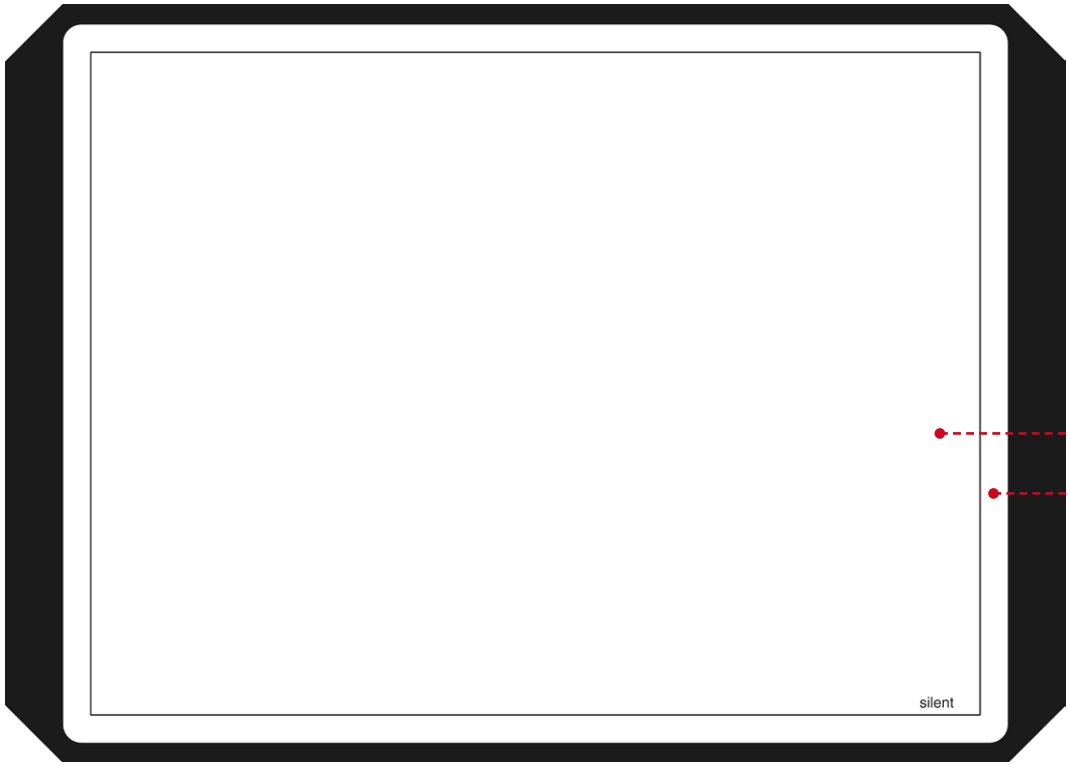
15.55 mm x 11.68 mm	=	N35 3 perforation TV 1.33 safe action (4:3)
17.27 mm x 12.98 mm	=	N35 3 perforation TV 1.33 transmitted (4:3)
22 mm x 13.9 mm	=	extended viewing space

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.E**	**K2.47005.3**		

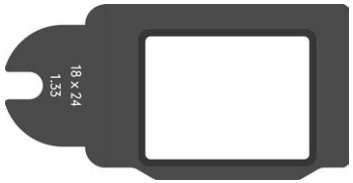
**) only Ground Glass*





drawing scale 5:1

Format-Mask



K5.42392.0
exposed negative area:
24 mm x 18 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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!

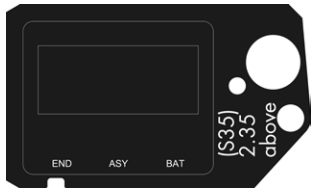
Ground Glass Marking Dimensions

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

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.F**	**K2.47018.3**		

**) only Ground Glass*



drawing scale 5:1

Format-Mask

K5.41477.0
exposed negative area:
24 mm x 10.5 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52068.0
exposed negative area:
24 mm x 10.5 mm

in preparation

Ground Glass Marking Dimensions

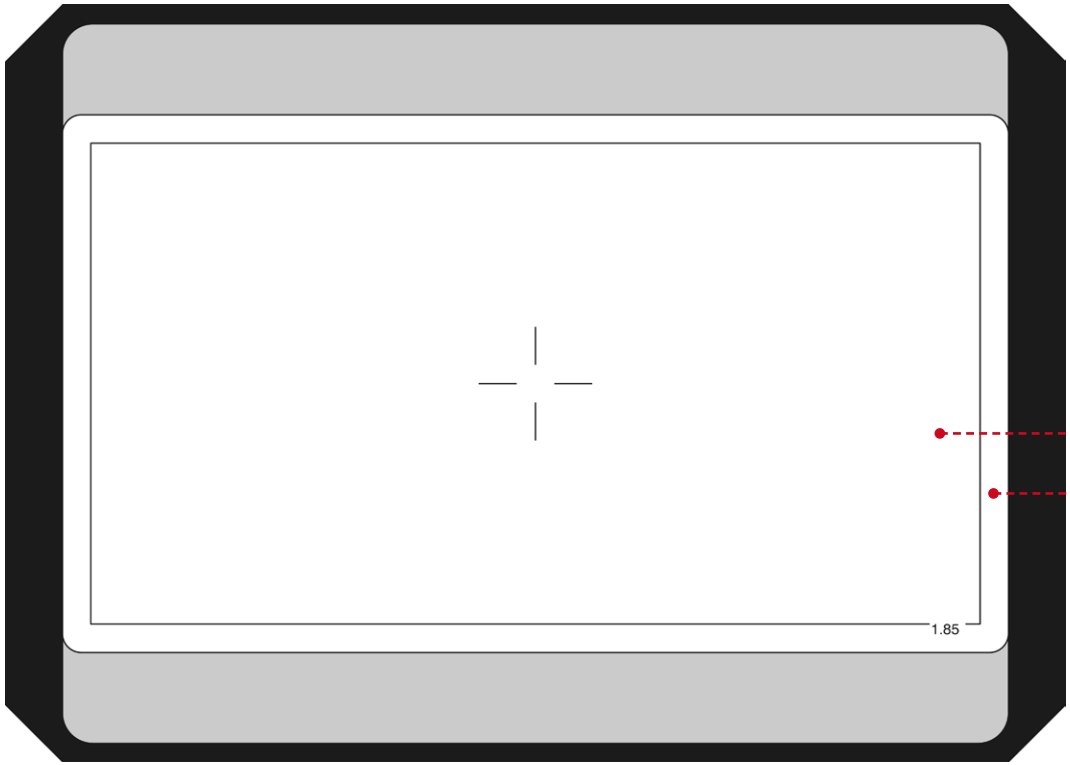
23.5 mm x 10 mm	=	DIN S35 projected area 2.35
25 mm x 11,5 mm	=	camera aperture with format mask K5.41477.0 + unexposed safety viewing space

shifted 1.35 mm up against center line

tolerance for format markings on ground glass ±0.02 mm

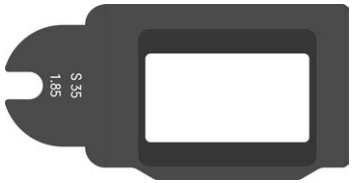
	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.G**	**K2.47009.3**		

**) only Ground Glass*



drawing scale 5:1

Format-Mask



K5.44305.0
exposed negative area:
24 mm x 13 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52064.0
exposed negative area:
24 mm x 13 mm

in preparation

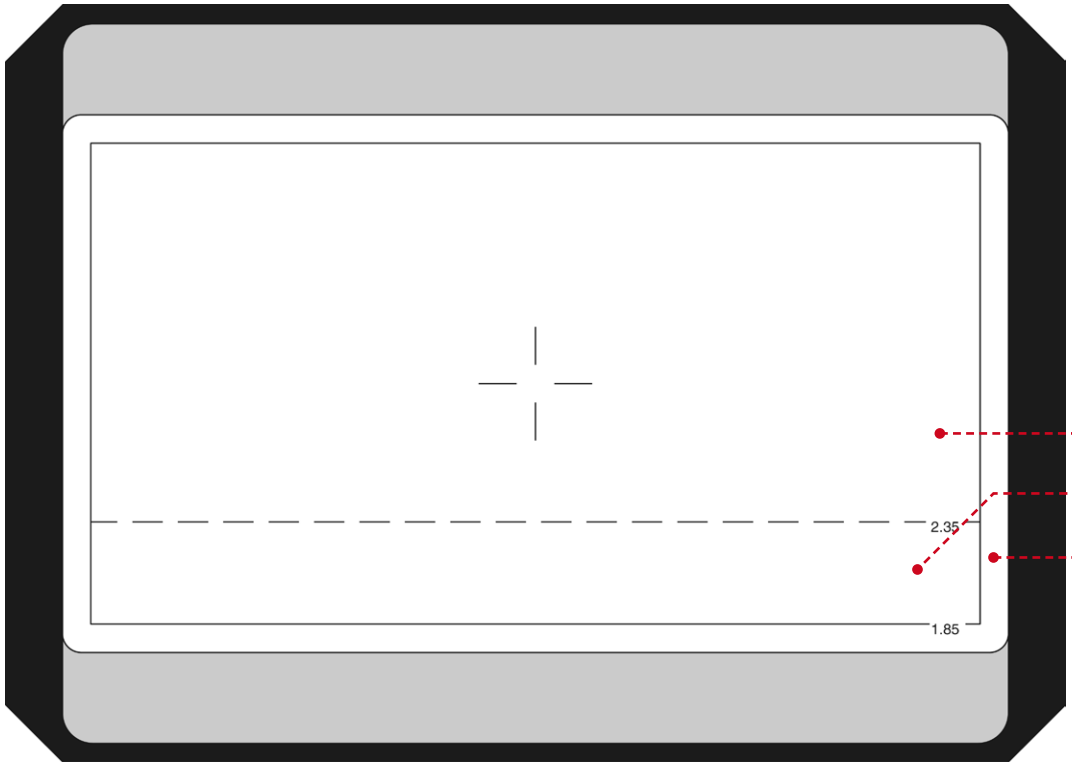
Ground Glass Marking Dimensions

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

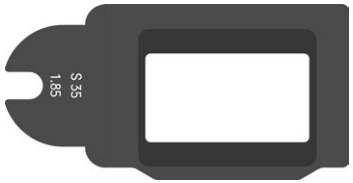
	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.H**	**K2.47172.3**		

**) only Ground Glass*



drawing scale 5:1

Format-Mask



K5.44305.0
exposed negative area:
24 mm x 13 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 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

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

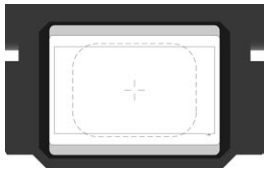
N/A

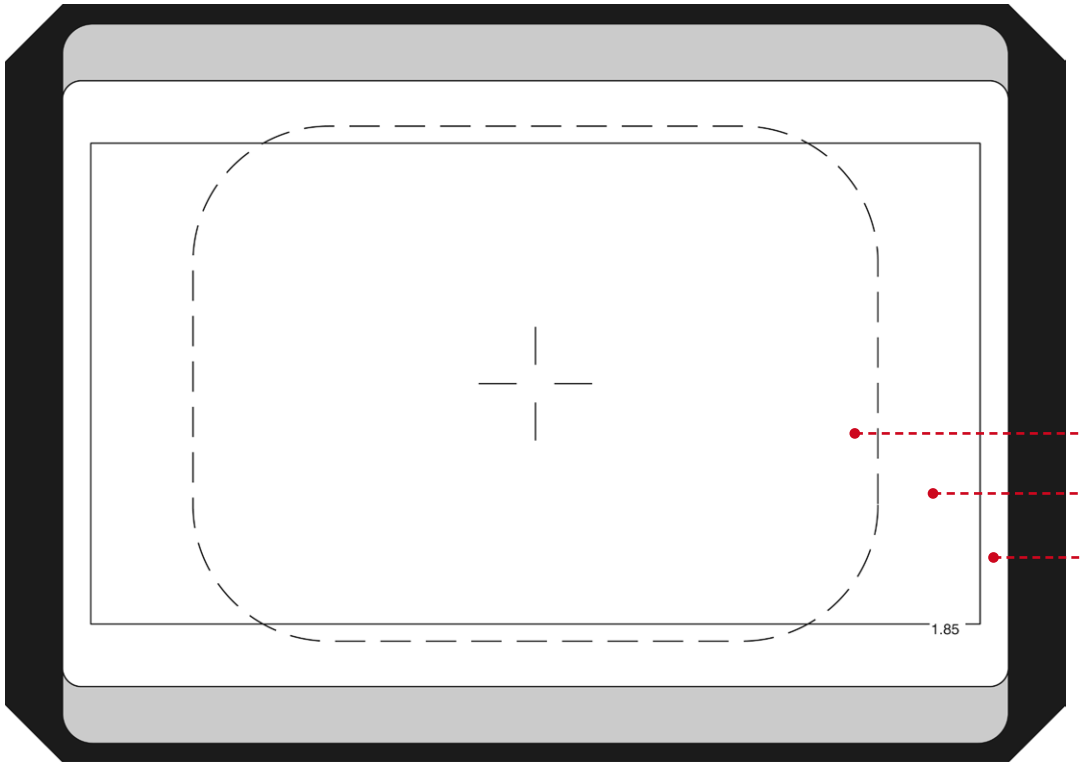
ARRIFLEX 235*/435/535

K2.44420.I

K2.47059.3

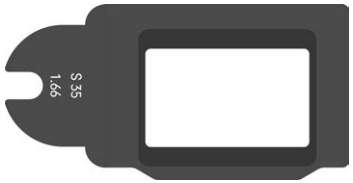
**) only Ground Glass*





drawing scale 5:1

Format-Mask



K5.41476.0
exposed negative area:
24 mm x 14.4 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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!

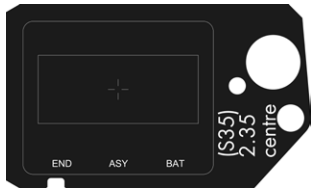
Ground Glass Marking Dimensions

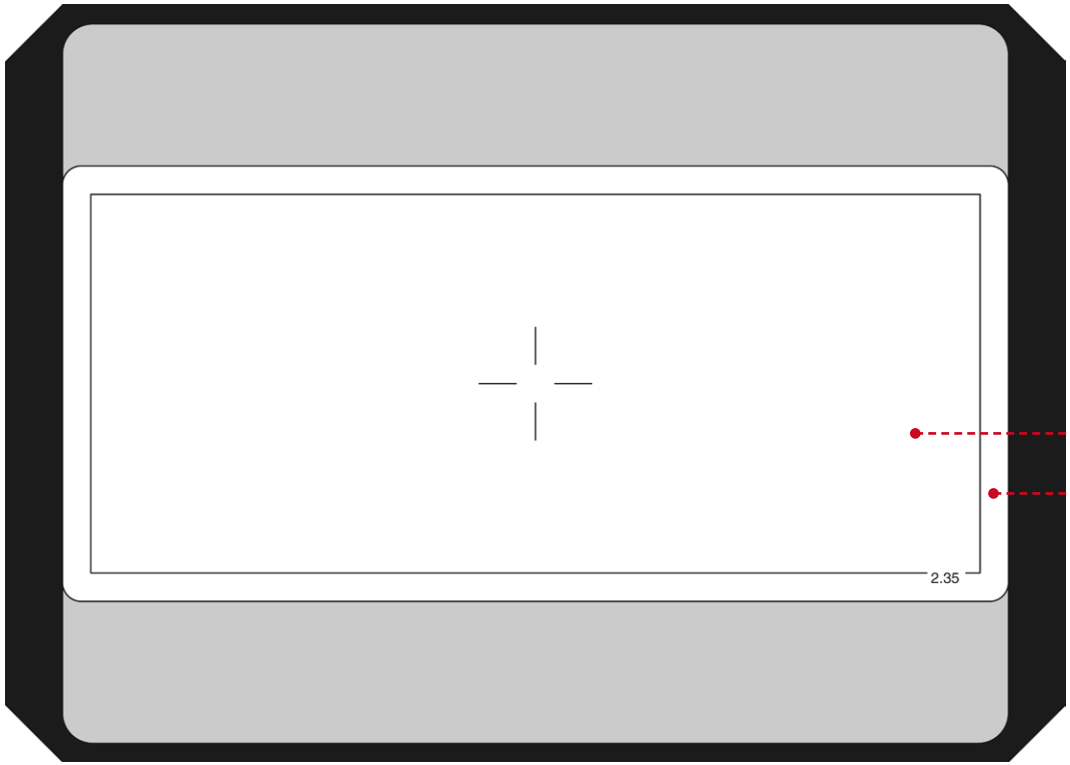
18.1 mm x 13.6 mm	=	N35 TV 1.33 safe action (4:3)
23.5 mm x 12.7 mm	=	DIN S35 projected area 1.85
25 mm x 16 mm	=	camera aperture with format mask K5.41476.0 + unexposed safety viewing space

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.W**	**K2.47035.3**		

**) only Ground Glass*





drawing scale 5:1

Format-Mask

K5.42393.0
exposed negative area:
24 mm x 10.5 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52063.0
exposed negative area:
24 mm x 10.5 mm

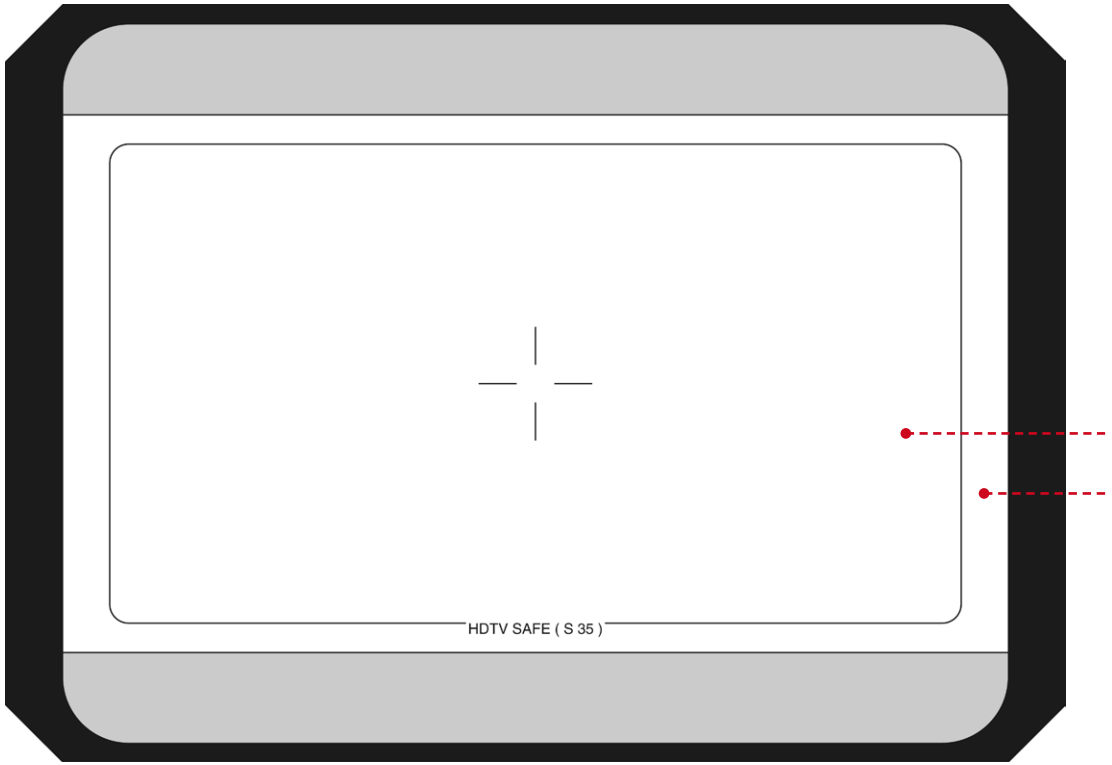
in preparation

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

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.44420.2**	**K2.47008.3**		
**) only Ground Glass*				



drawing scale 5:1

Format-Mask

K5.41474.0
exposed negative area:
24 mm x 13.5 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52065.0
exposed negative area:
24 mm x 13.5 mm

in preparation

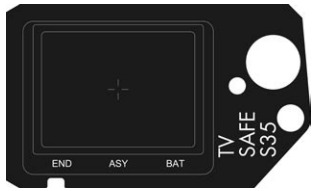
Ground Glass Marking Dimensions

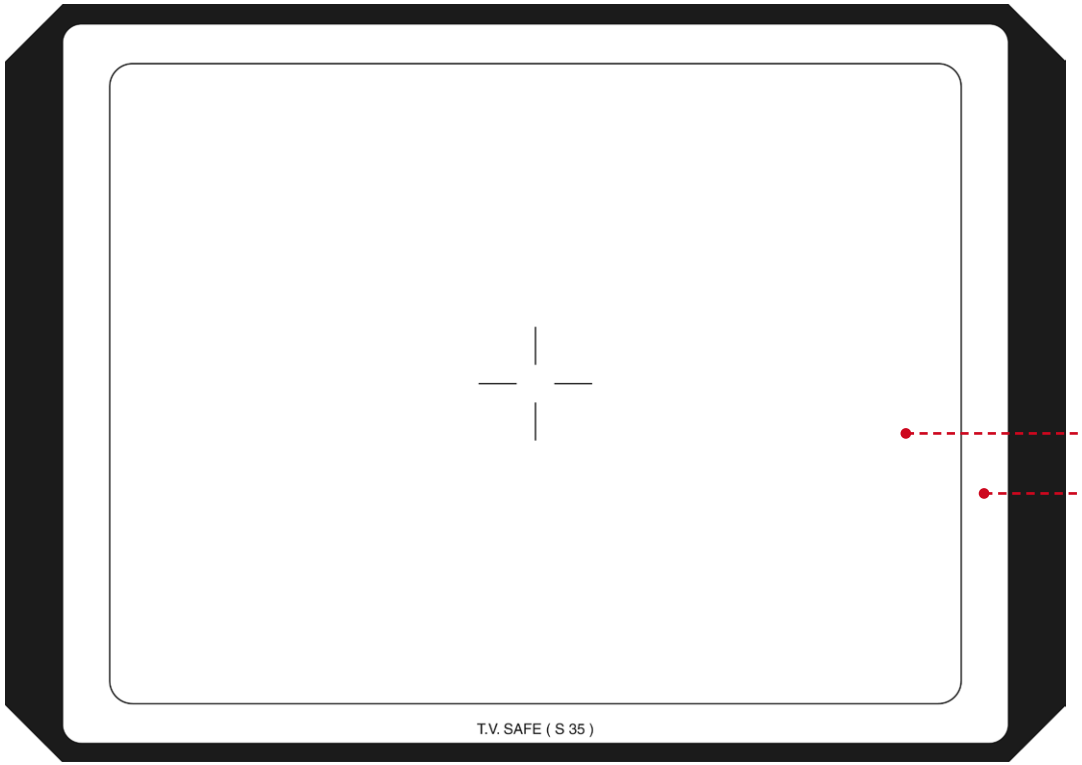
22.5 mm x 12.65 mm	=	DIN S35 TV 1.78 safe action (16:9)
25 mm x 14,2 mm	=	camera aperture with format mask K5.41474.0 + unexposed safety viewing space

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM				
	N/A	**N/A**		
ARRIFLEX 235*/435/535	**K2.41200.F**	**K2.47281.3**		

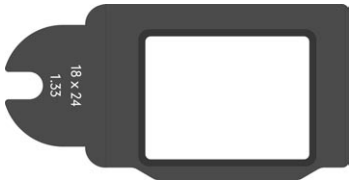
**) only Ground Glass*





drawing scale 5:1

Format-Mask



K5.42392.0
exposed negative area:
24 mm x 18 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

K2.52062.0
exposed negative area:
24 mm x 18 mm

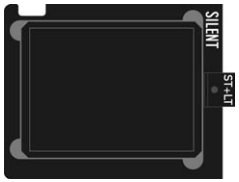
No 3-perforation operation possible!

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

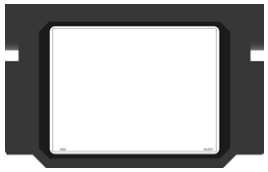
tolerance for format markings on ground glass ±0.02 mm

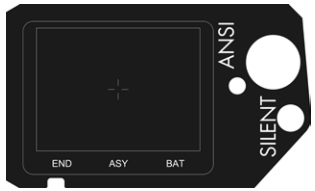
	Ground Glass	Frameglow
ARRICAM	**K2.54083.0**	**K2.54119.0**



ARRIFLEX 235*/435/535	**K2.47433.0**	**K2.47434.0**

**) only Ground Glass*

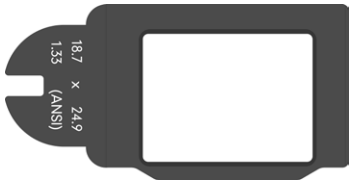




drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask



K5.54352.0
exposed negative area
24.9 mm x 18.7 mm
ARRIFLEX 235
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

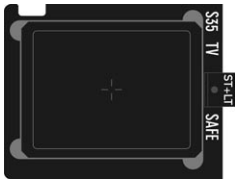
Ground Glass Marking Dimensions

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

tolerance for format markings on ground glass ±0.02 mm

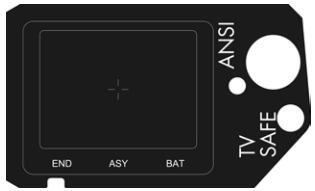
ANSI S35 TV 1.33 safe

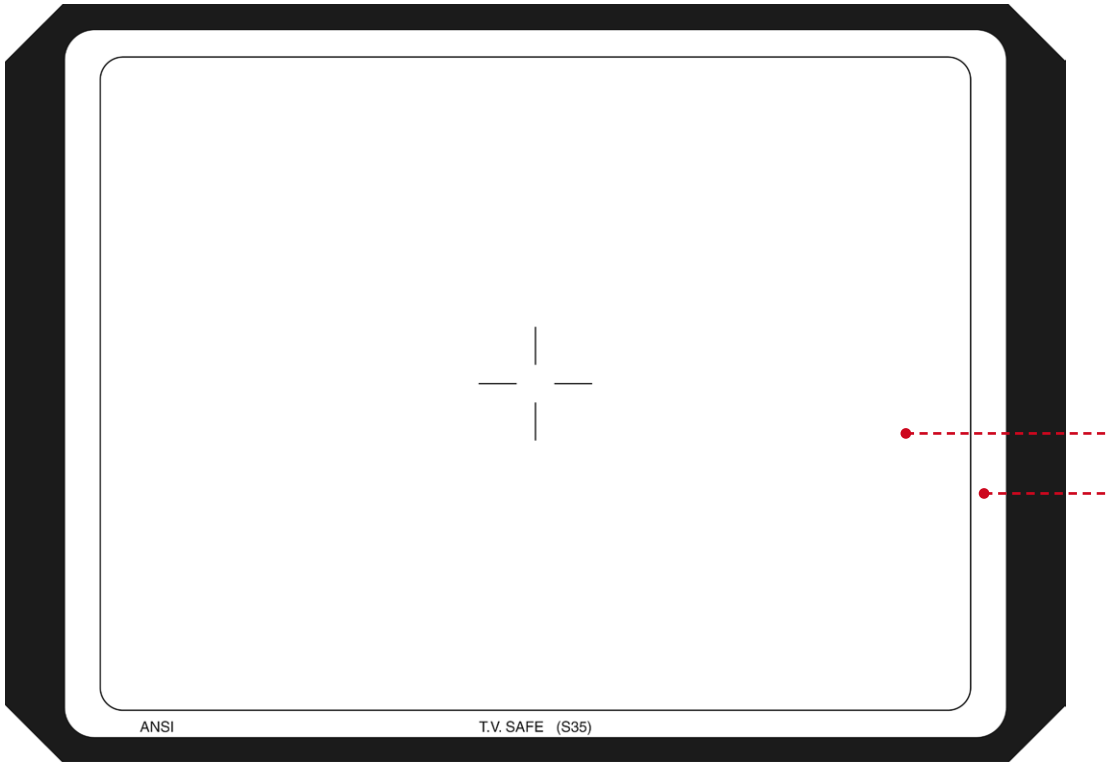
	Ground Glass	Frameglow
ARRICAM	**K2.54105.0**	**K2.54121.0**



ARRIFLEX 235*/435/535	**K2.47413.0**	**K2.47425.0**

**) only Ground Glass*

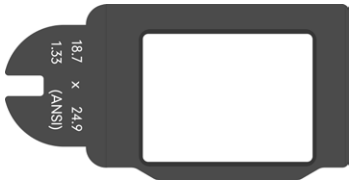




drawing scale 5:1

	4-Perforation	3-Perforation

Format-Mask



K5.54352.0
exposed negative area
24.9 mm x 18.7 mm
ARRIFLEX 235
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

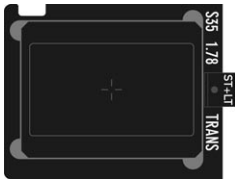
23 mm x 17.25 mm	=	ANSI S35 TV 1.33 safe action (4:3)
24.9 mm x 18.7 mm	=	camera aperture with format mask K5.54352.0

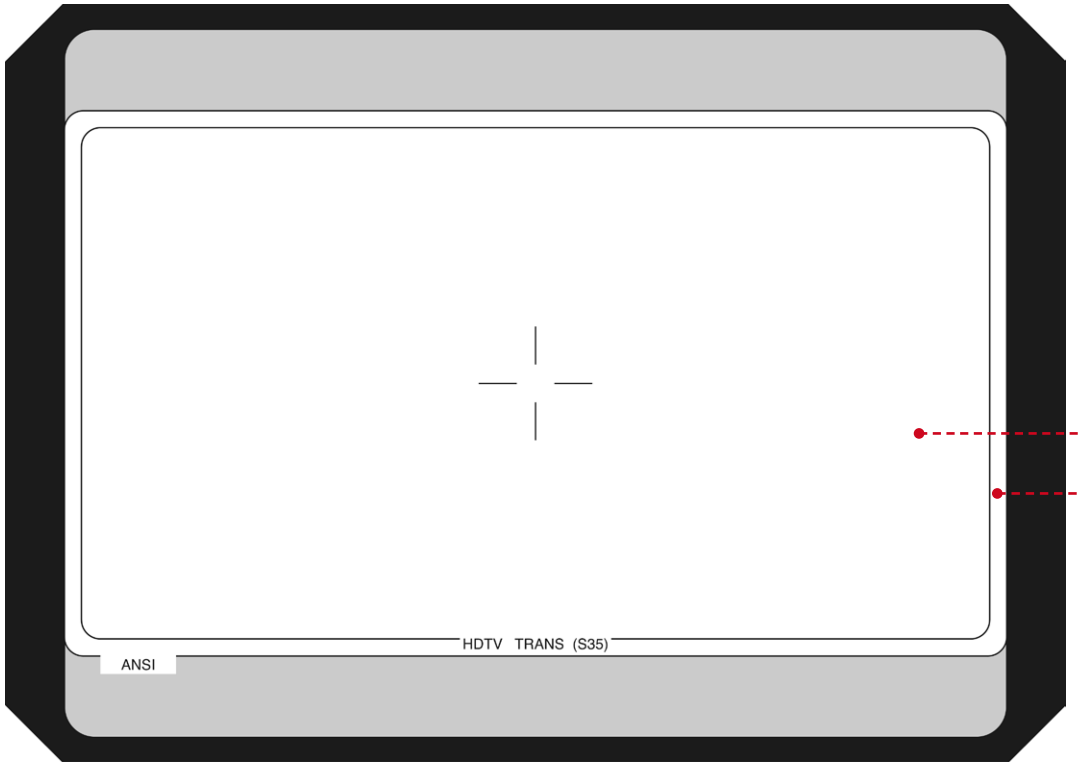
tolerance for format markings on ground glass ±0.02 mm

ANSI S35 TV 1.78 transmitted

	Ground Glass	Frameglow
ARRICAM	**K2.54106.0**	**K2.54122.0**
ARRIFLEX 235*/435/535	**K2.47414.0**	**K2.47426.0**

*) only Ground Glass





drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask

K5.59775.0
exposed negative area
24.9 mm x 14.4 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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

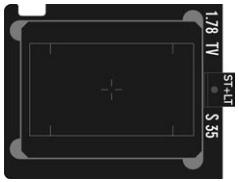
Ground Glass Marking Dimensions

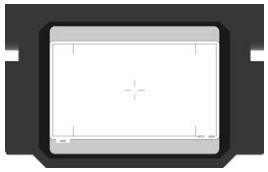
24 mm x 13.5 mm	=	ANSI S35 TV 1.78 transmitted (16:9)
24.9 mm x 14.4 mm	=	camera aperture with format mask K5.59775.0

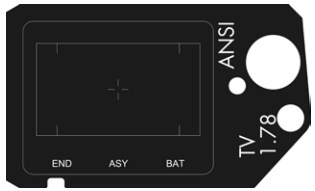
tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54060.0**	**K2.54054.0**	**Format-Mask**	
ARRIFLEX 235*/435/535	**K2.47410.0**	**K2.47422.0**		

*) only Ground Glass







K5.59775.0
exposed negative area
24.9 mm x 14.4 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

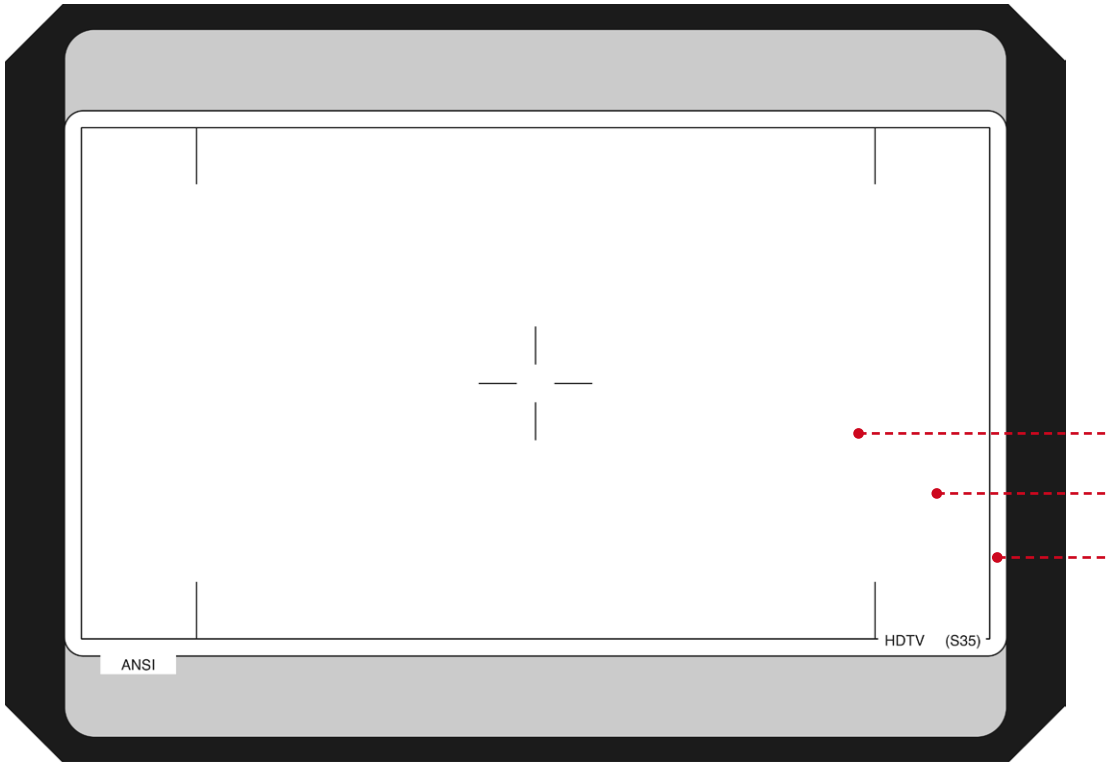
Capping Shutter Format Mask for ARRIFLEX 435

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



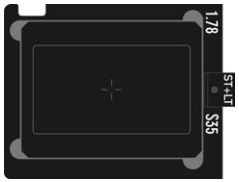
17.93 mm x 13.5 mm	=	ANSI S35 TV 1.33 transmitted (4:3)
24 mm x 13.5 mm	=	ANSI S35 TV 1.78 transmitted (16:9)
24.9 mm x 14.4 mm	=	camera aperture with format mask K5.59775.0

drawing scale 5:1

tolerance for format markings on ground glass ±0.02 mm

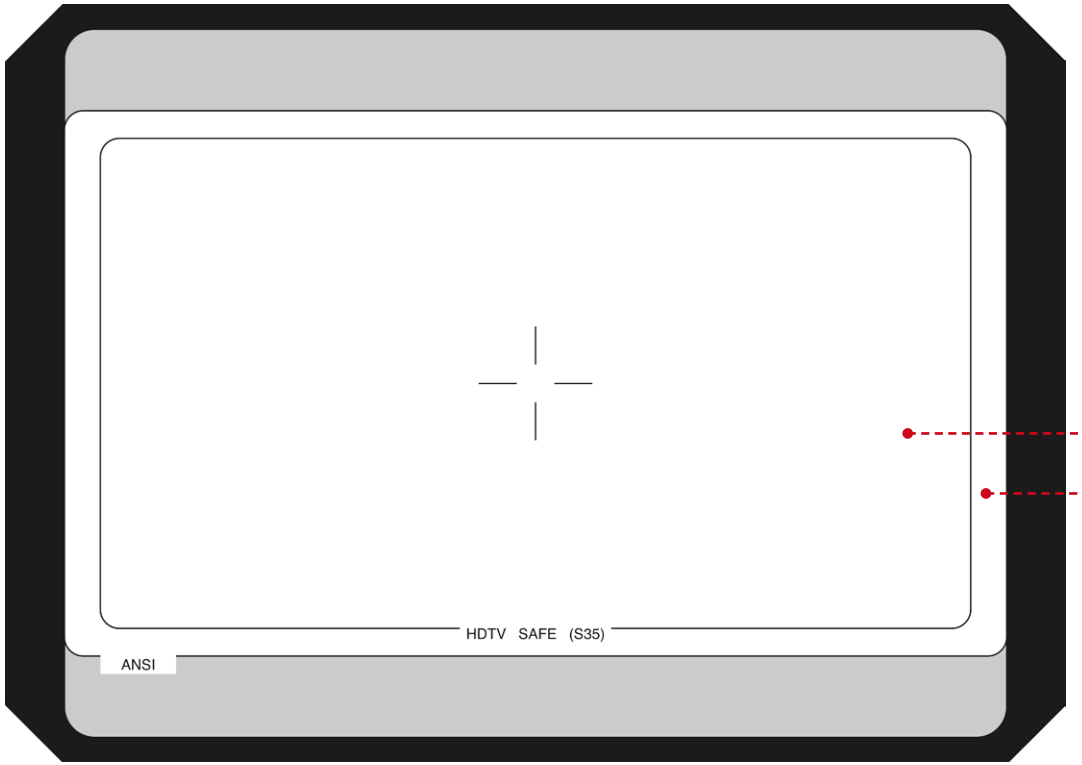
ANSI S35 TV 1.78 safe

	Ground Glass	Frameglow
ARRICAM	**K2.54107.0**	**K2.54115.0**



ARRIFLEX 235*/435/535	**K2.47415.0**	**K2.47427.0**

**) only Ground Glass*



drawing scale 5:1

4-Perforation

3-Perforation

Format-Mask

K5.59775.0
exposed negative area
24.9 mm x 14.4 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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!

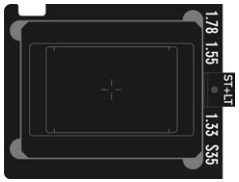
No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

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

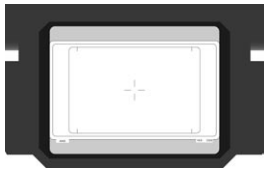
tolerance for format markings on ground glass ±0.02 mm

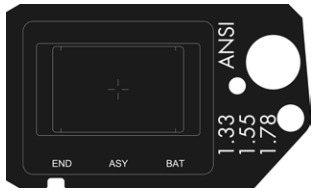
	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	K2.54085.0	K2.54089.0		

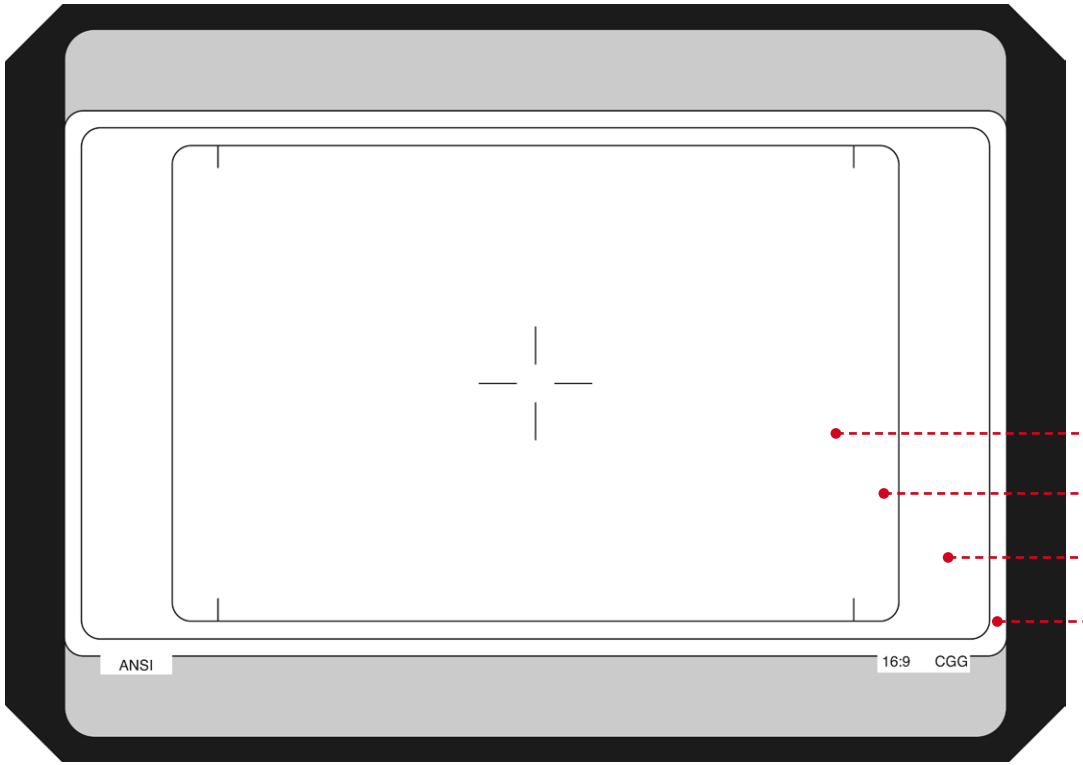


ARRIFLEX 235*/435/535	K2.47419.0	K2.47431.0

**) only Ground Glass*







drawing scale 5:1

Format-Mask

K5.59775.0
exposed negative area
24.9 mm x 14.4 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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

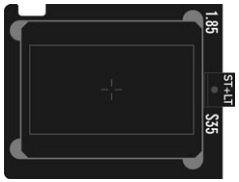
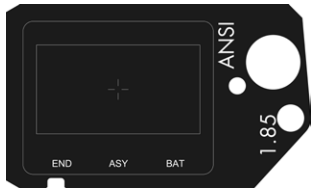
No 3-perforation operation possible!

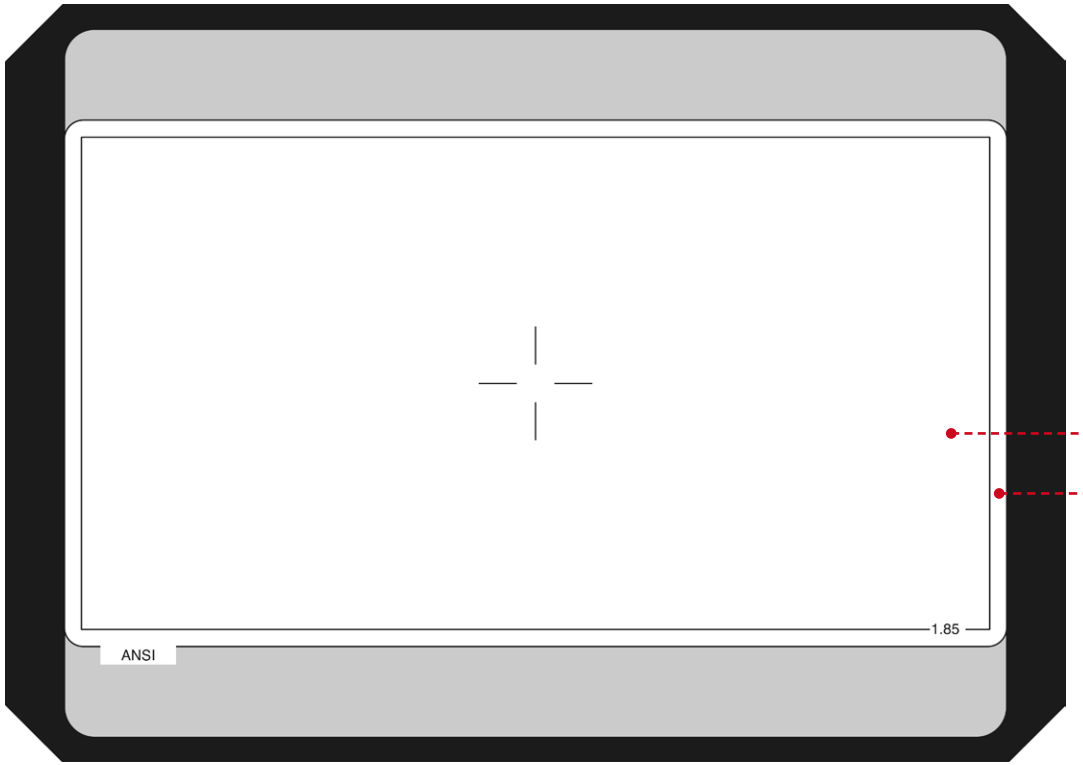
No Time Code exposure with ARRIFLEX 435/535

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

tolerance for format markings on ground glass ±0.02 mm

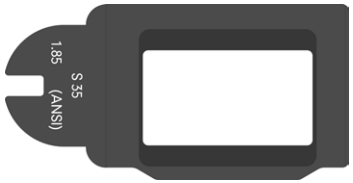
	Ground Glass	Frameglow
ARRICAM	**K2.54108.0**	**K2.54114.0**
		
ARRIFLEX 235*/435/535	**K2.47409.0**	**K2.47421.0**
**) only Ground Glass*		



drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask



K5.59774.0
exposed negative area
24.9 mm x 13.9 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

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

in preparation

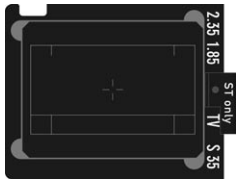
No Time Code exposure with ARRIFLEX 435/535

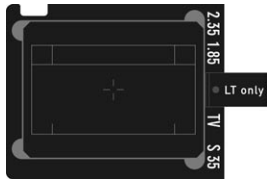
Ground Glass Marking Dimensions

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

tolerance for format markings on ground glass ±0.02 mm

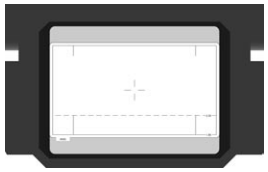
	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54061.0**	**K2.54055.0 for ST**	**K2.54094.0 for LT**	

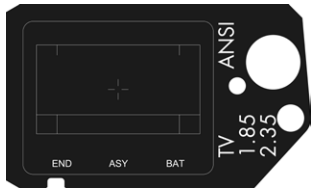


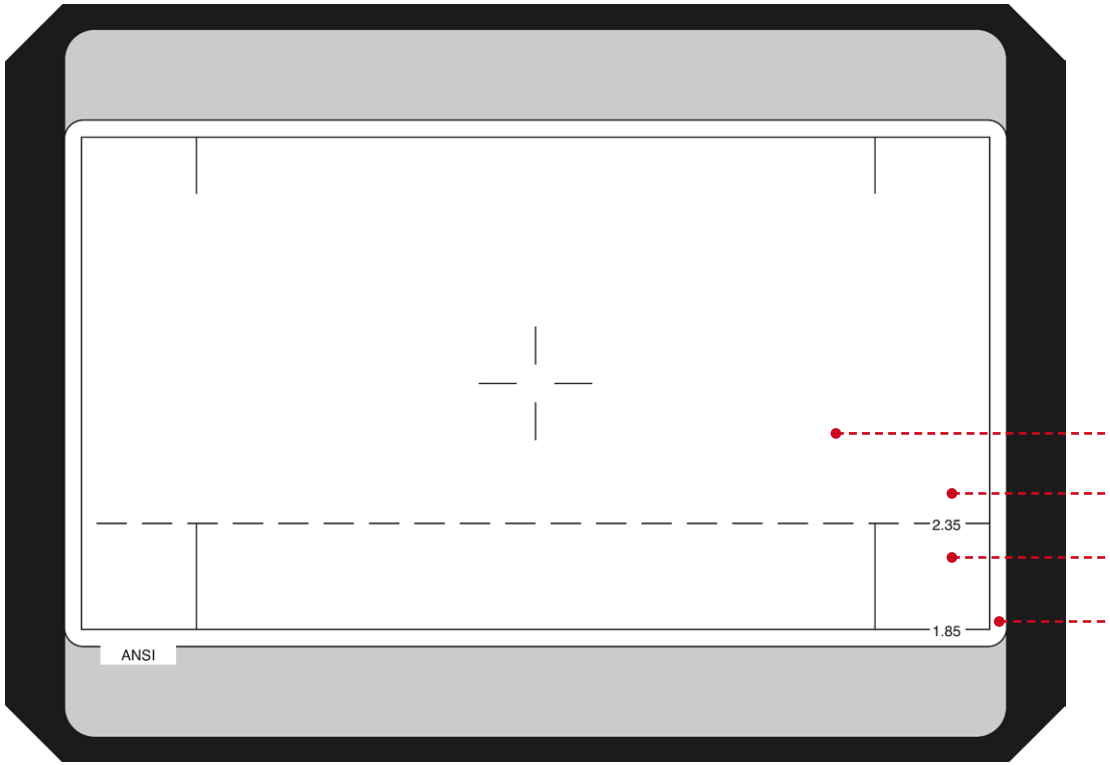


ARRIFLEX 235*/435/535	**K2.47411.0**	**K2.47423.0**

**) only Ground Glass*

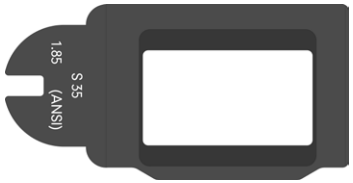






drawing scale 5:1

Format-Mask



K5.59774.0
exposed negative area
24.9 mm x 13.9 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 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

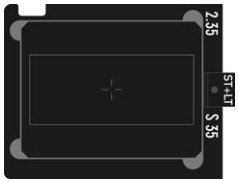
Ground Glass Marking Dimensions

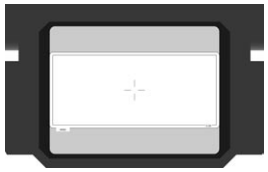
17.93 mm x 13 mm	=	ANSI S35 TV 1.33 transmitted area (4:3)*
24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59774.0

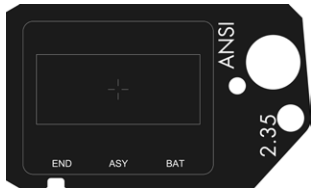
**Note: ANSI S35 TV 1.33 transmitted area = 17.93 mm x 13.5 mm*
second line not shown for better readability
tolerance for format markings on ground glass ±0.02 mm

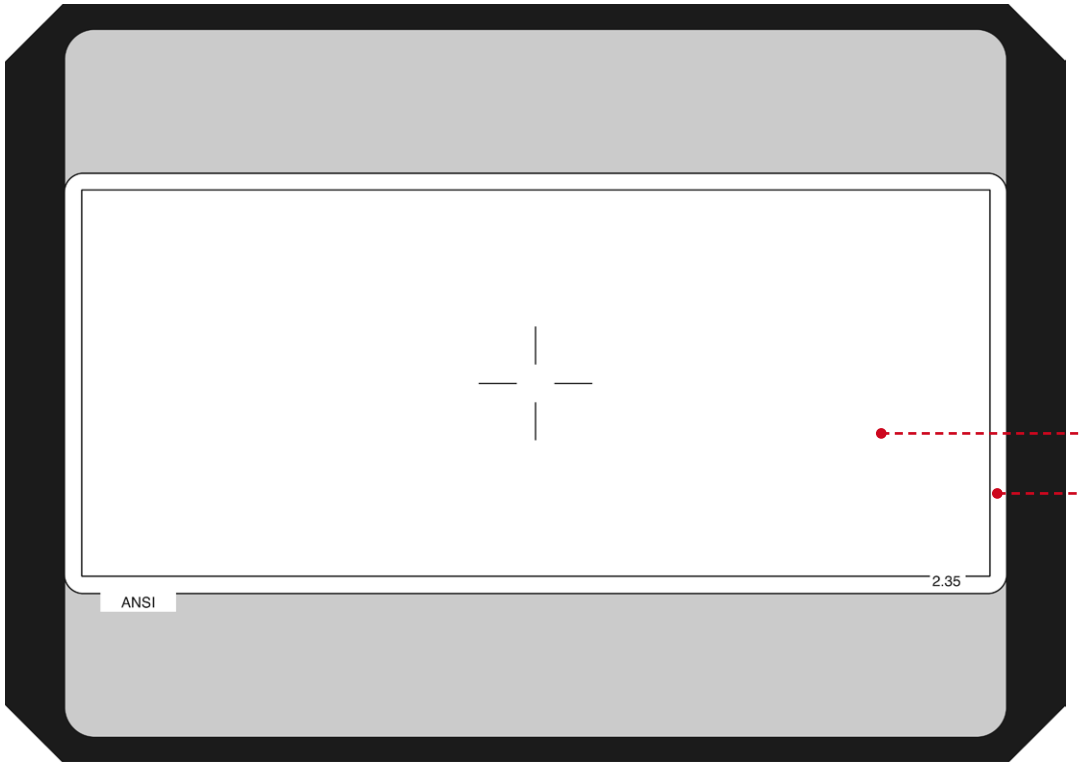
	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54109.0**	**K2.54092.0**		
ARRIFLEX 235*/435/535	**K2.47416.0**	**K2.47428.0**		

**) only Ground Glass*









drawing scale 5:1

Format-Mask

K5.59773.0
exposed negative area
24.9 mm x 11.1 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 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

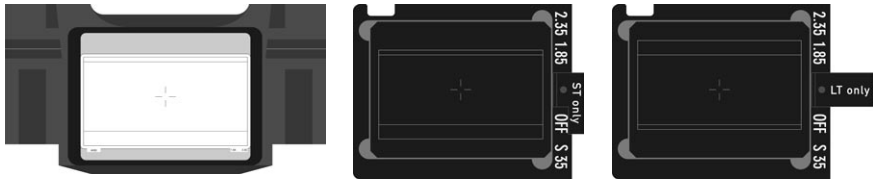
24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24.9 x 11.1 mm	=	camera aperture with format mask K5.59773.0

tolerance for format markings on ground glass ±0.02 mm

ANSI S35 2.35 + 1.85 $^{1}/_{4}$ offset

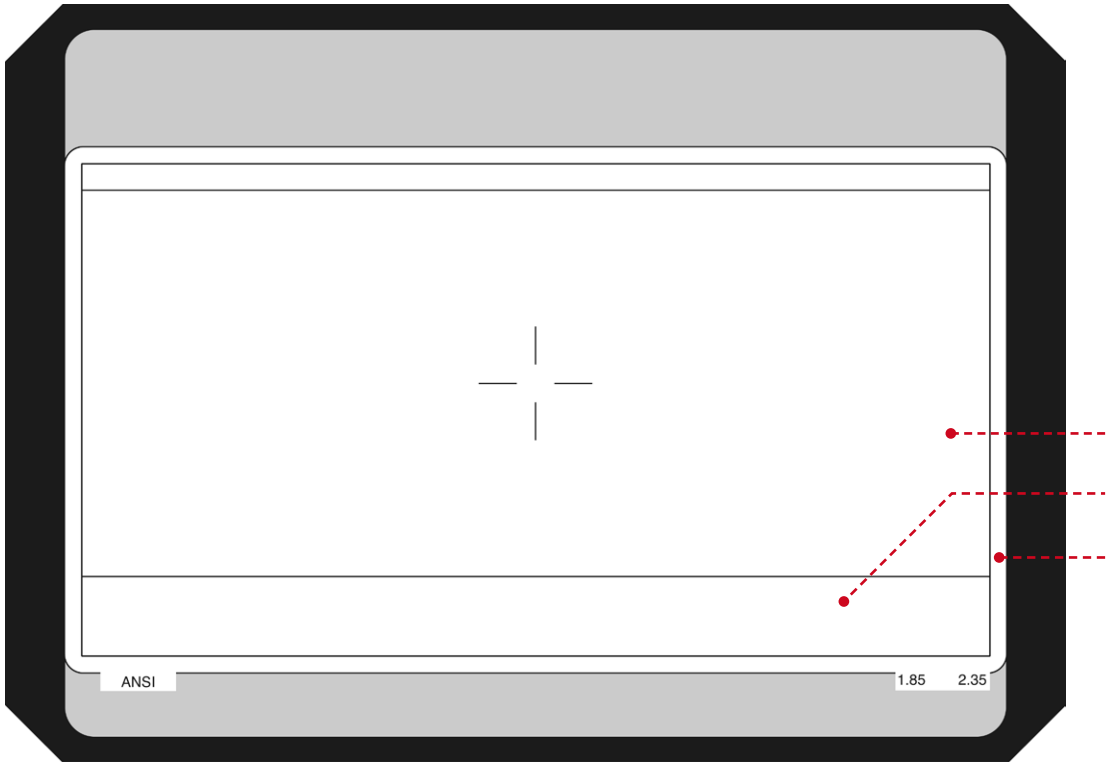
	Ground Glass	Frameglow	4-Perforation	3-Perforation

ARRICAM — **K2.54110.0** — **K2.54088.0 for ST** — **K2.54096.0 for LT**



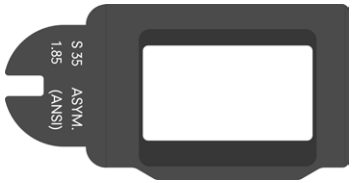
ARRIFLEX 235*/435/535 — **K2.47417.0** — **K2.47429.0**

**) only Ground Glass*



drawing scale 5:1

Format-Mask



K5.59776.0
exposed negative area
24.9 mm x 13.9 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

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

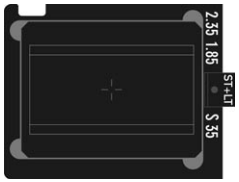
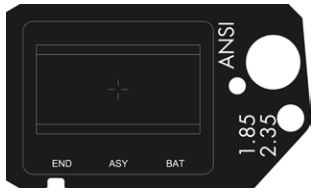
Ground Glass Marking Dimensions

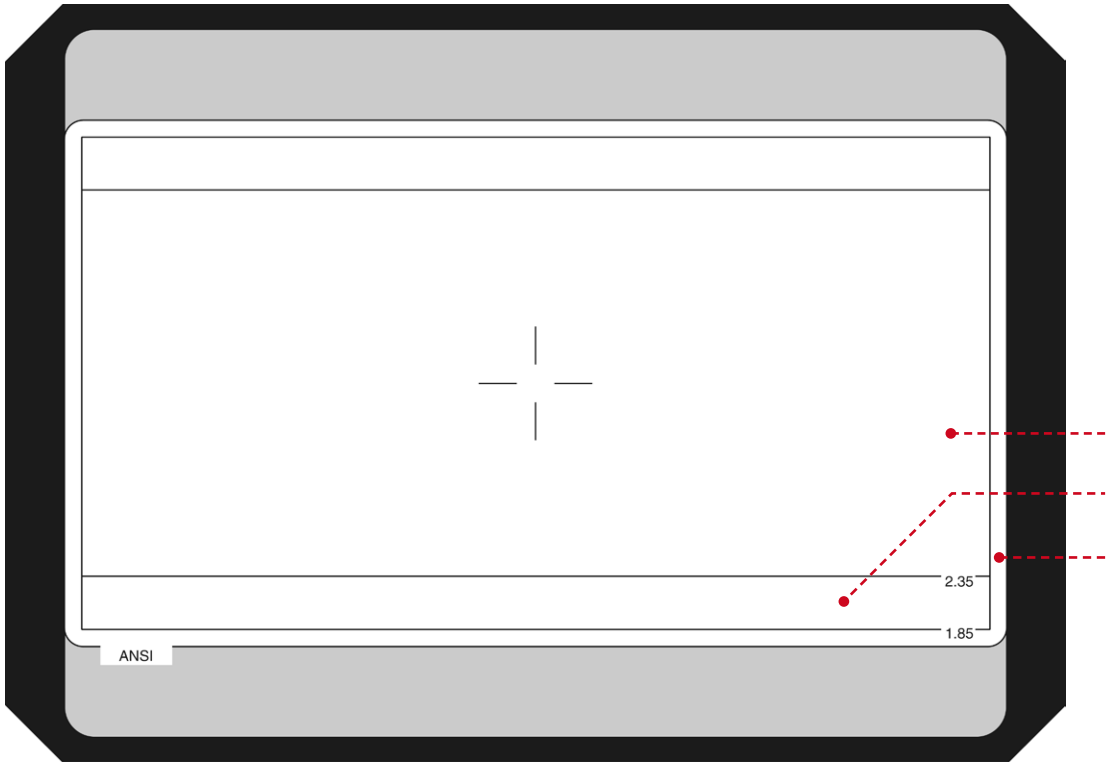
24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59776.0

$^{1}/_{4}$ offset (lines 24 mm x 13 mm shifted 0.7mm down against center cross)

tolerance for format markings on ground glass ±0.02 mm

ANSI S35 2.35 + 1.85 centric

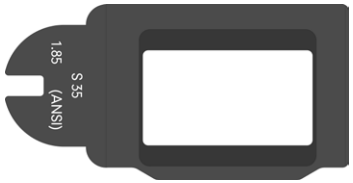
	Ground Glass	Frameglow
ARRICAM	**K2.54087.0**	**K2.54091.0**
		
ARRIFLEX 235*/435/535	**K2.47420.0**	**K2.47432.0**
**) only Ground Glass*		



drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask



K5.59774.0
exposed negative area
24.9 mm x 13.9 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 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

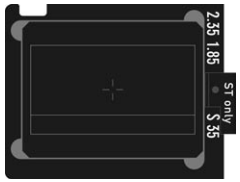
24 mm x 10.2 mm	=	ANSI S35 projected area 2.35
24 mm x 13 mm	=	ANSI S35 projected area 1.85
24.9 mm x 13.9 mm	=	camera aperture with format mask K5.59774.0

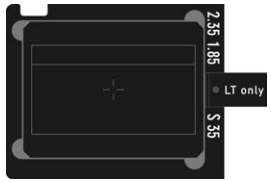
centric

tolerance for format markings on ground glass ±0.02 mm

ANSI S35 2.35 + 1.85 common top

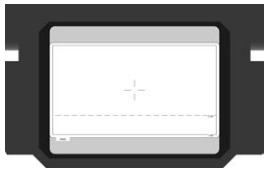
	Ground Glass	Frameglow	4-Perforation	3-Perforation
ARRICAM	**K2.54111.0**	**K2.54116.0 for ST**	**K2.54095.0 for LT**	

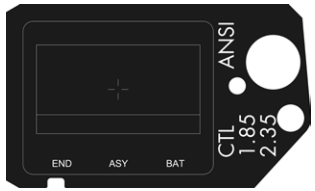


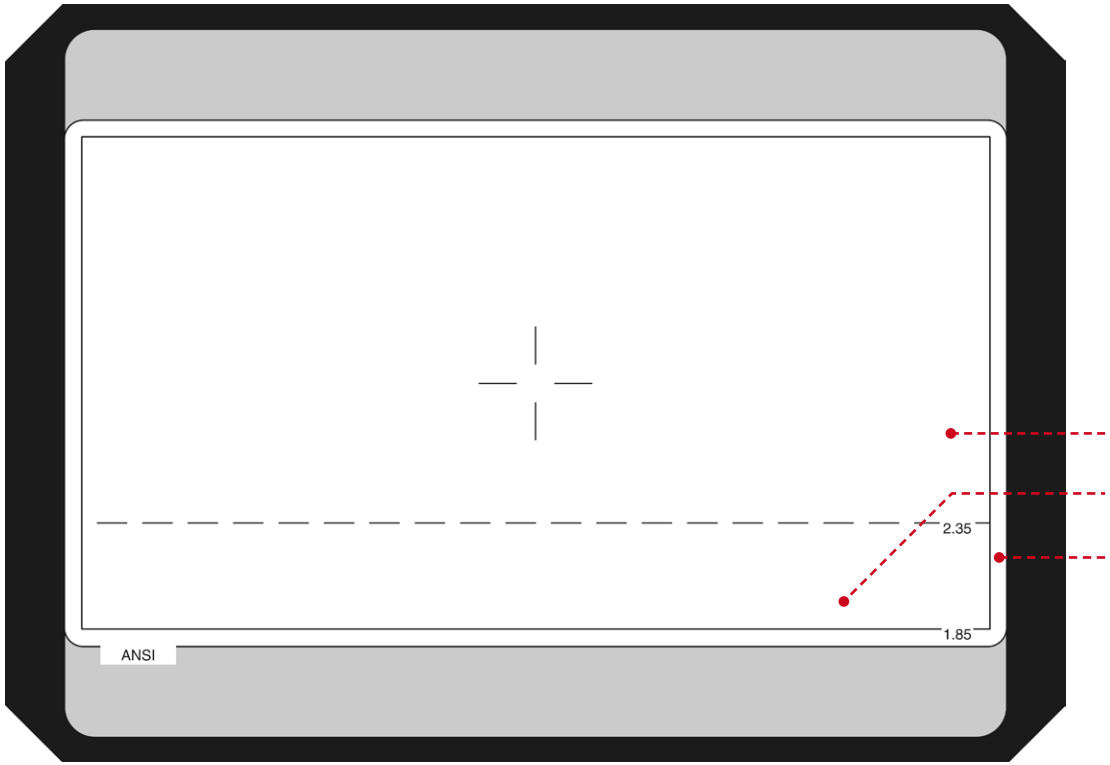


ARRIFLEX 235*/435/535	**K2.47418.0**	**K2.47430.0**

**) only Ground Glass*

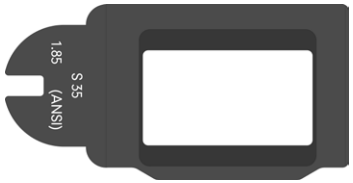






drawing scale 5:1

Format-Mask



K5.59774.0
exposed negative area
24.9 mm x 13.9 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 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 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 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

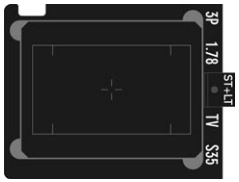
Ground Glass Marking Dimensions

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

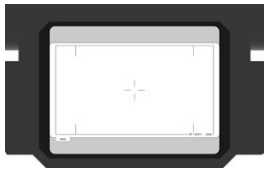
tolerance for format markings on ground glass ±0.02 mm

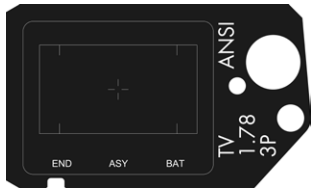
	Ground Glass	Frameglow
ARRICAM	**K2.54063.0**	**K2.54057.0**

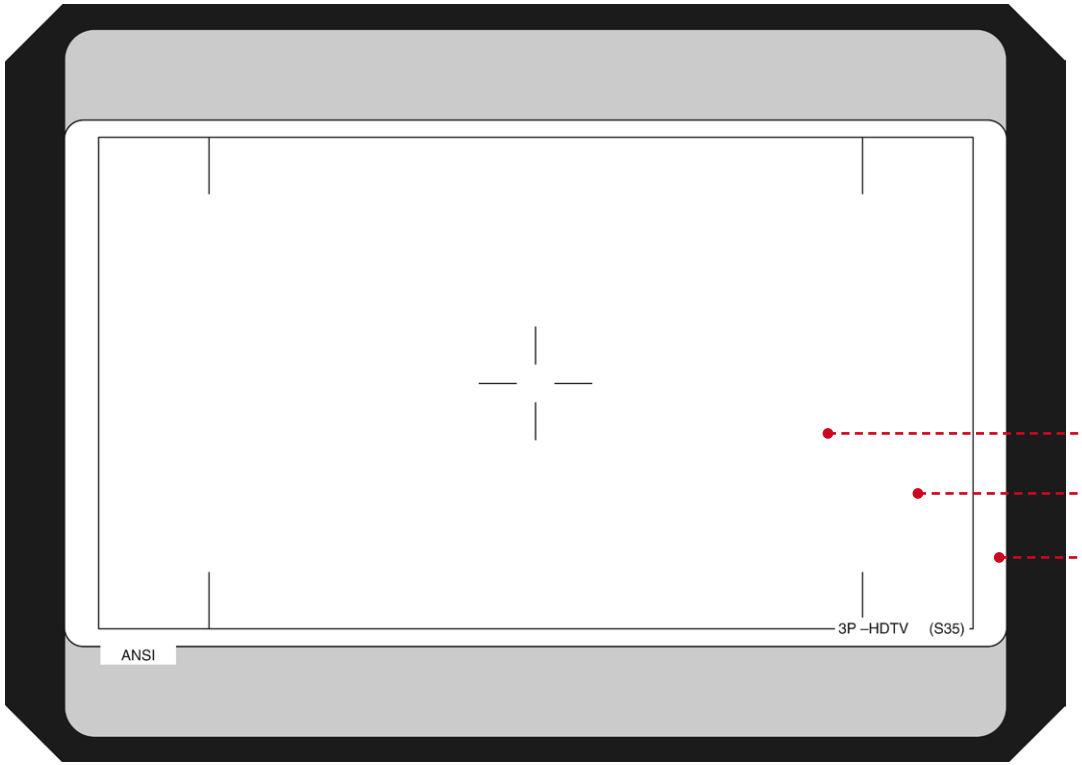


ARRIFLEX 235*/435/535	**K2.47412.0**	**K2.47424.0**

**) only Ground Glass*







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
ARRIFLEX 235:
Conversion Kit K4.65170.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

No 4-perforation operation possible!

in preparation

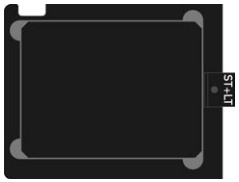
No Time Code exposure with ARRIFLEX 435/535

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

tolerance for format markings on ground glass ±0.02 mm

	Ground Glass	Frameglow
ARRICAM	**K2.54142.0**	**K2.54141.0**



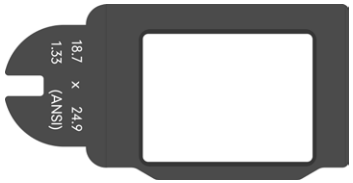
ARRIFLEX 235*/435/535	**K2.47397.0**	**K2.47169.0**

**) only Ground Glass*

drawing scale 5:1

4-Perforation	3-Perforation

Format-Mask



K5.54352.0
exposed negative area
24.9 mm x 18.7 mm
ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

not available

No 3-perforation operation possible!

No Time Code exposure with ARRIFLEX 435/535

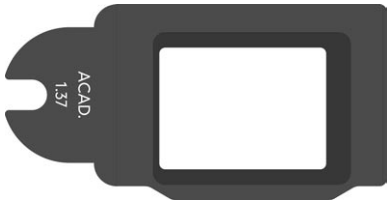
Ground Glass Marking Dimensions

no markings on blank ground glass

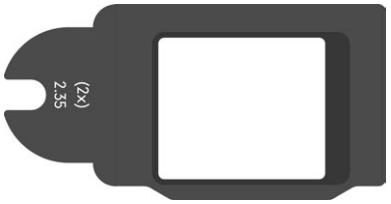
tolerance for format markings on ground glass ±0.02 mm

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.

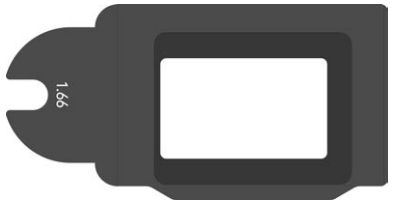
1.37 (Academy) N35
K5.42387.0



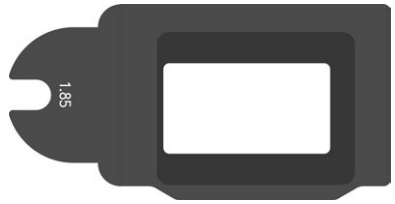
(2x) 2.35 N35
K5.42388.0



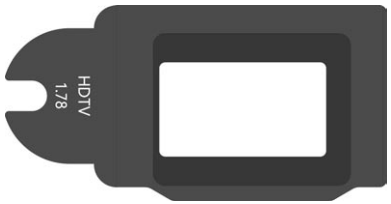
1.66 N35
K5.42390.0



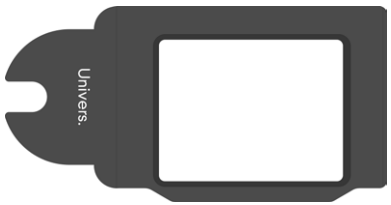
1.85 N35
K5.42391.0



1.78 N35
K5.41475.0

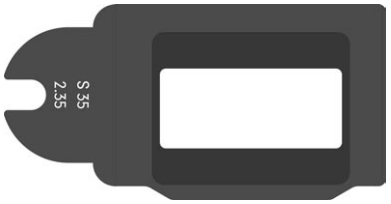


Universal N35 + DIN S35
K5.42389.0



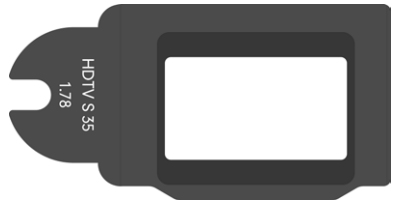
1.33 (Silent) DIN S35
K5.42392.0

2.35 DIN S35
K5.42393.0



1.85 DIN S35
K5.44305.0

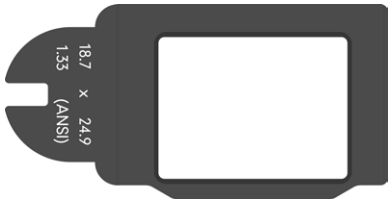
1.78 DIN S35
K5.41474.0



1.66 DIN S35
K5.41476.0

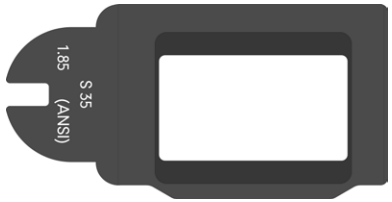
2.35 Asym. DIN S35
K5.41477.0

1.33 ANSI S35
K5.54352.0

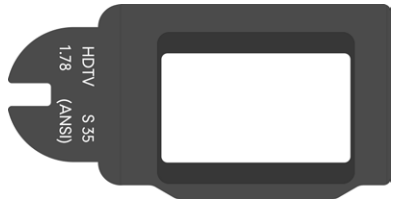


2.35 ANSI S35
K5.59773.0

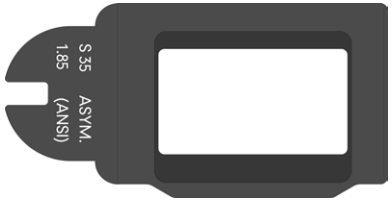
1.85 ANSI S35
K5.59774.0



1.78 ANSI S35
K5.59775.0

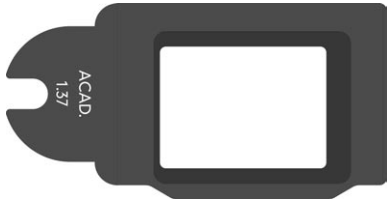


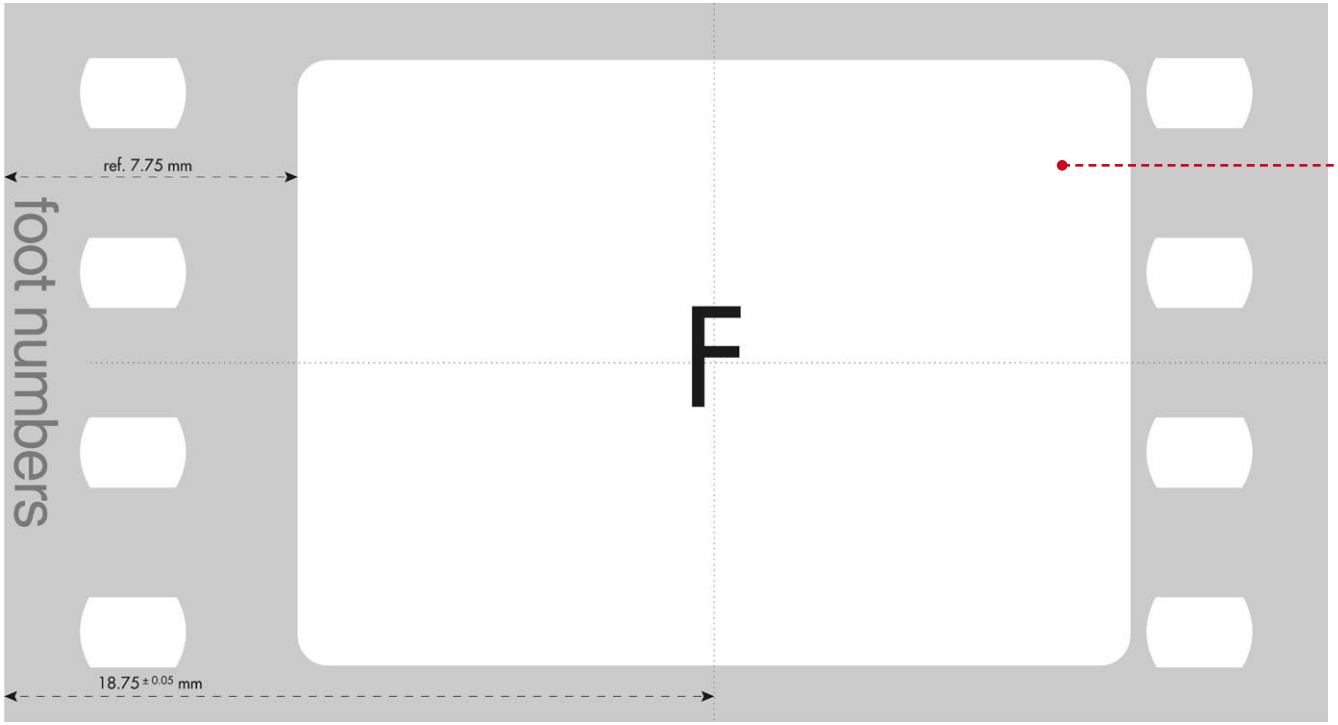
1.85 ASYM ANSI S35
K5.59776.0



No Time Code exposure with ARRIFLEX 435/535

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





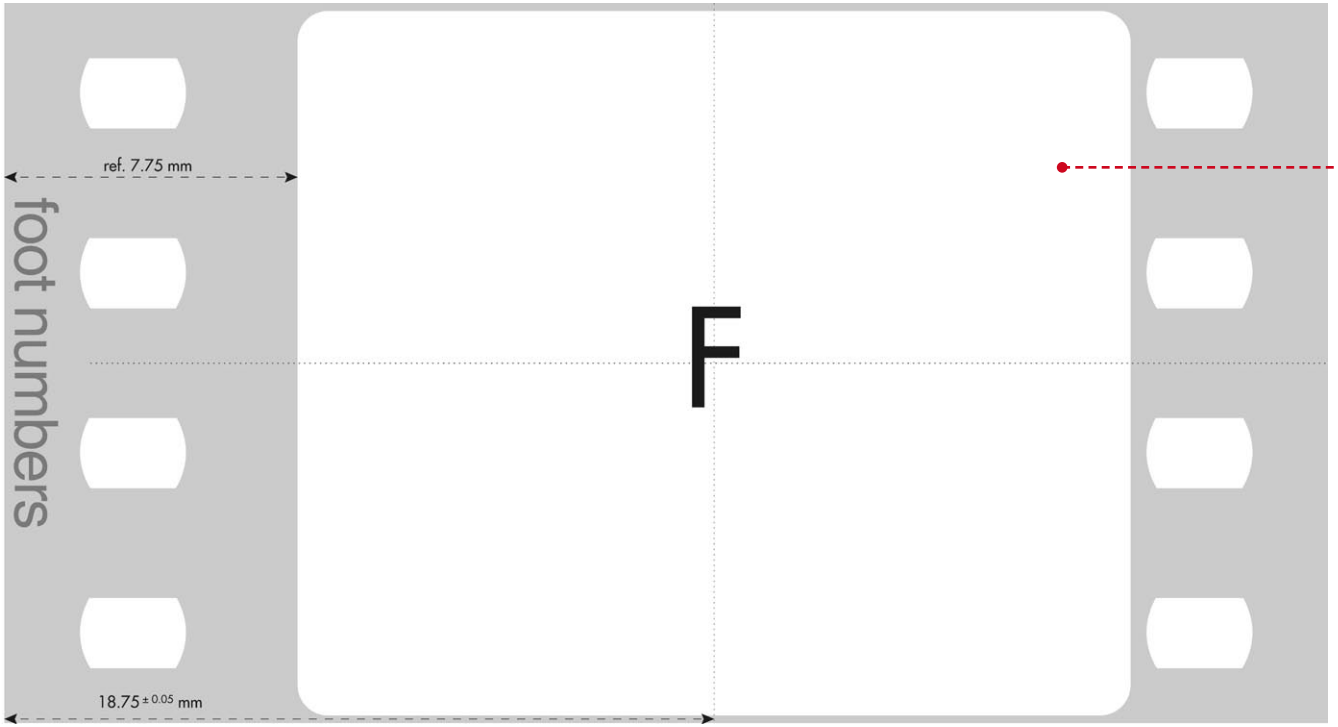
drawing scale 5:1

Correspondingly Exposed Neagative Area

$22^{+0.01}$ mm x $16^{+0.01}$ mm (R 0.8 mm)

1 : 1.37

Format Mask	Format	Ident-Nr.
(2x) 2.35	N35	K5.42388.0



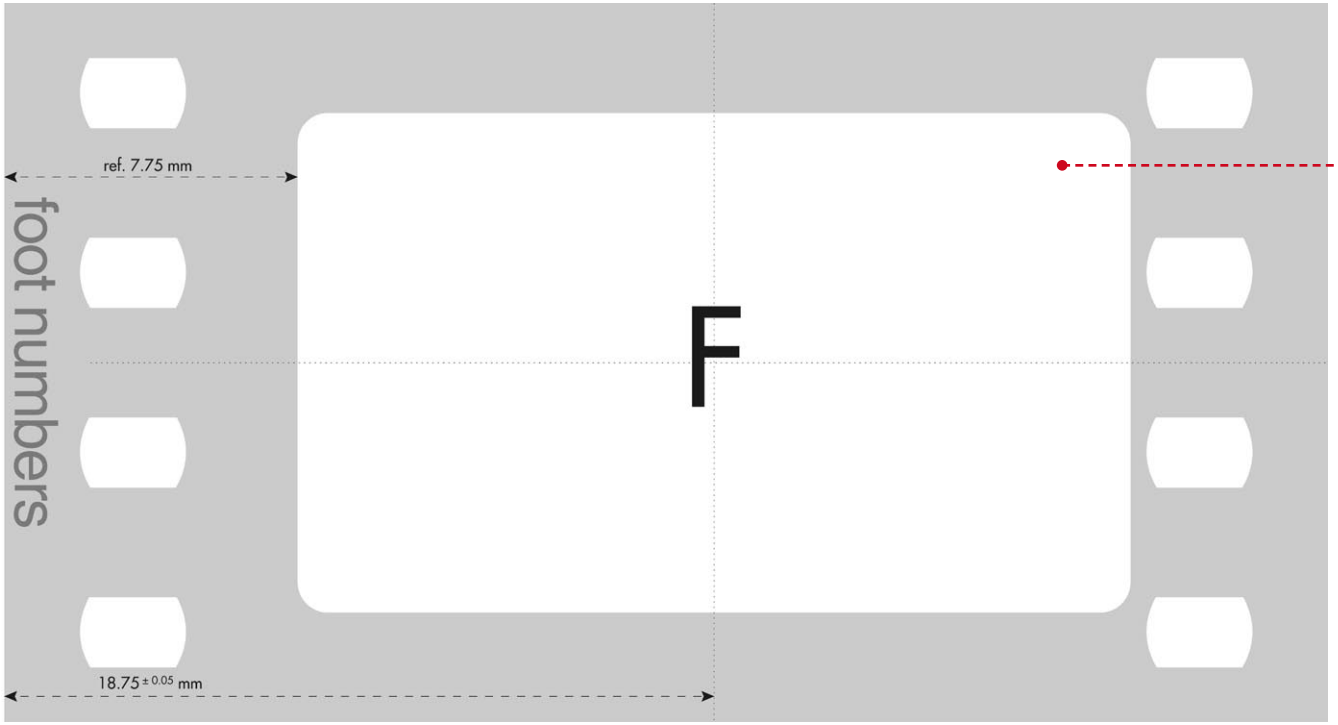
drawing scale 5:1

Correspondingly Exposed Neagative Area

$22^{+0.01}$ mm x $18.6^{+0.01}$ mm (R 0.8 mm)

1 : 2.35 (2x)

Format Mask	Format	Ident-Nr.
1.66	N35	K5.42390.0



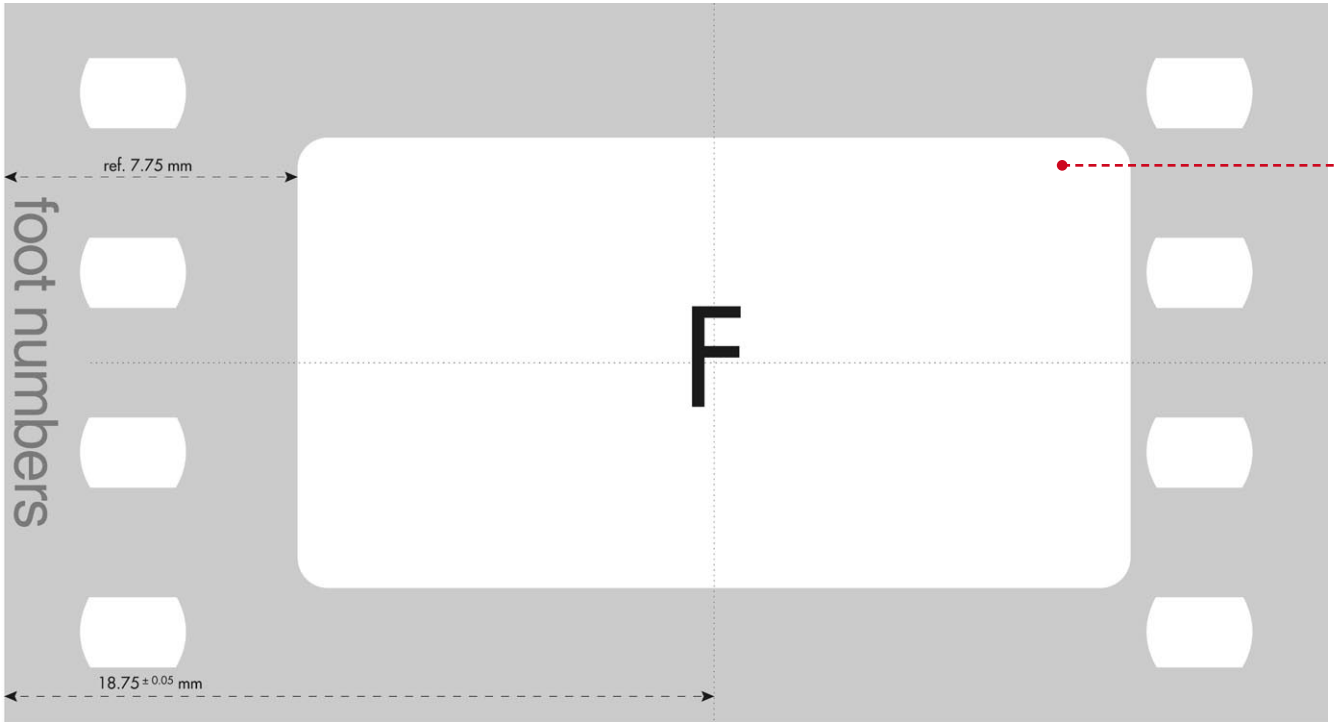
drawing scale 5:1

Correspondingly Exposed Neagative Area

22 + 0.01 mm x 13.2 + 0.01 mm (R 0.8 mm)

1:1.66

Format Mask	Format	Ident-Nr.
1.85	N35	K5.42391.0



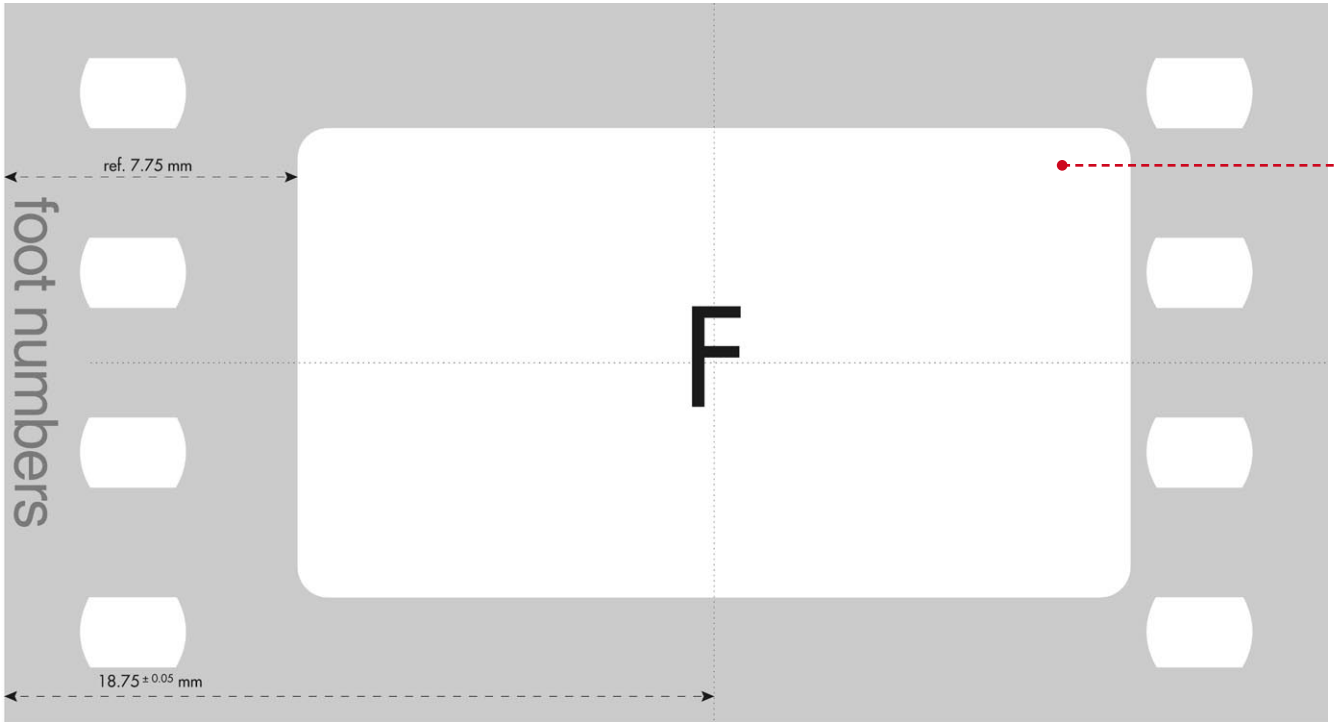
drawing scale 5:1

Correspondingly Exposed Neagative Area

$22^{+0.01}$ mm x $11.9^{+0.01}$ mm (R 0.8 mm)

1:1.85

Format Mask	Format	Ident-Nr.
1.78	N35	K5.41475.0



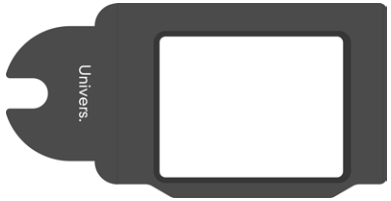
drawing scale 5:1

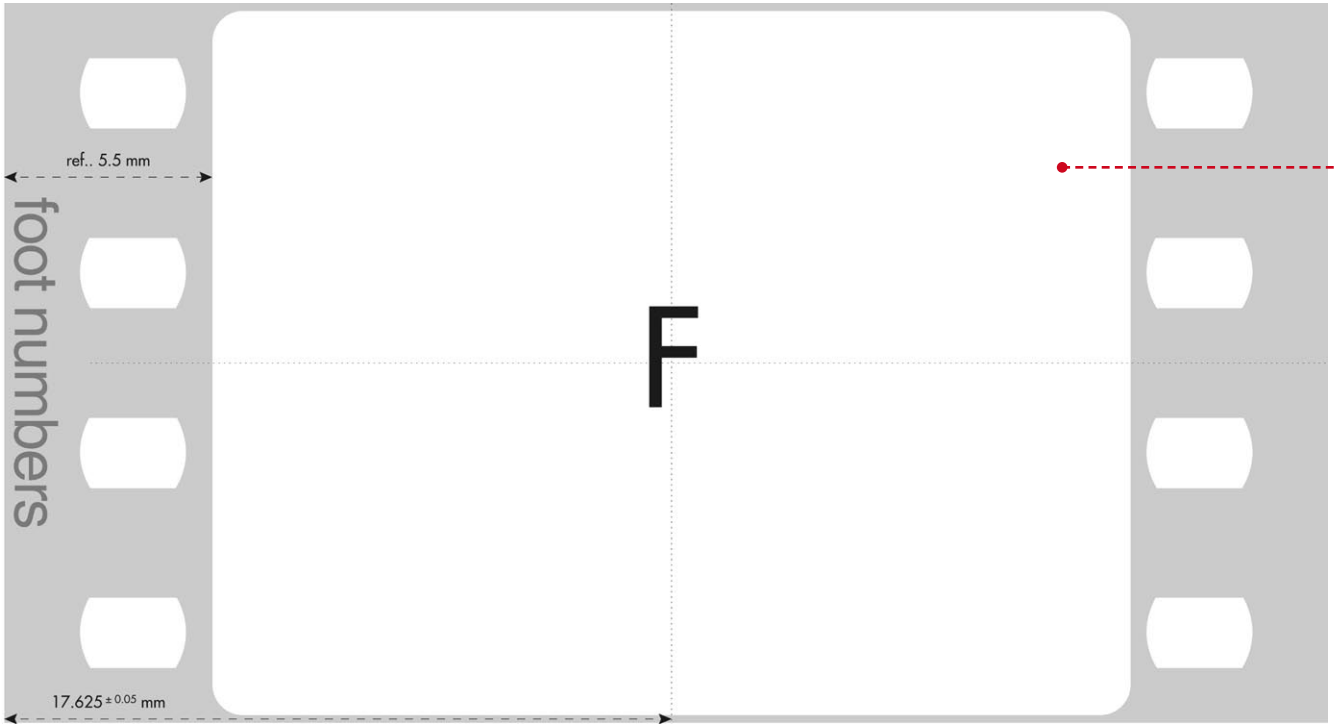
Correspondingly Exposed Neagative Area

$22^{+0.01}$ mm x $12.4^{+0.01}$ mm (R 0.8 mm)

1:1.78

Format Mask	Format	Ident-Nr.
Universal	**N35 + DIN S 35**	**K5.42389.0**





drawing scale 5:1

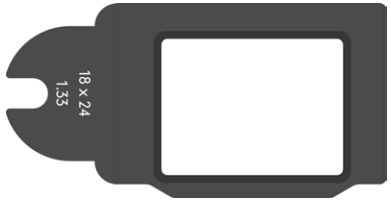
Correspondingly Exposed Neagative Area

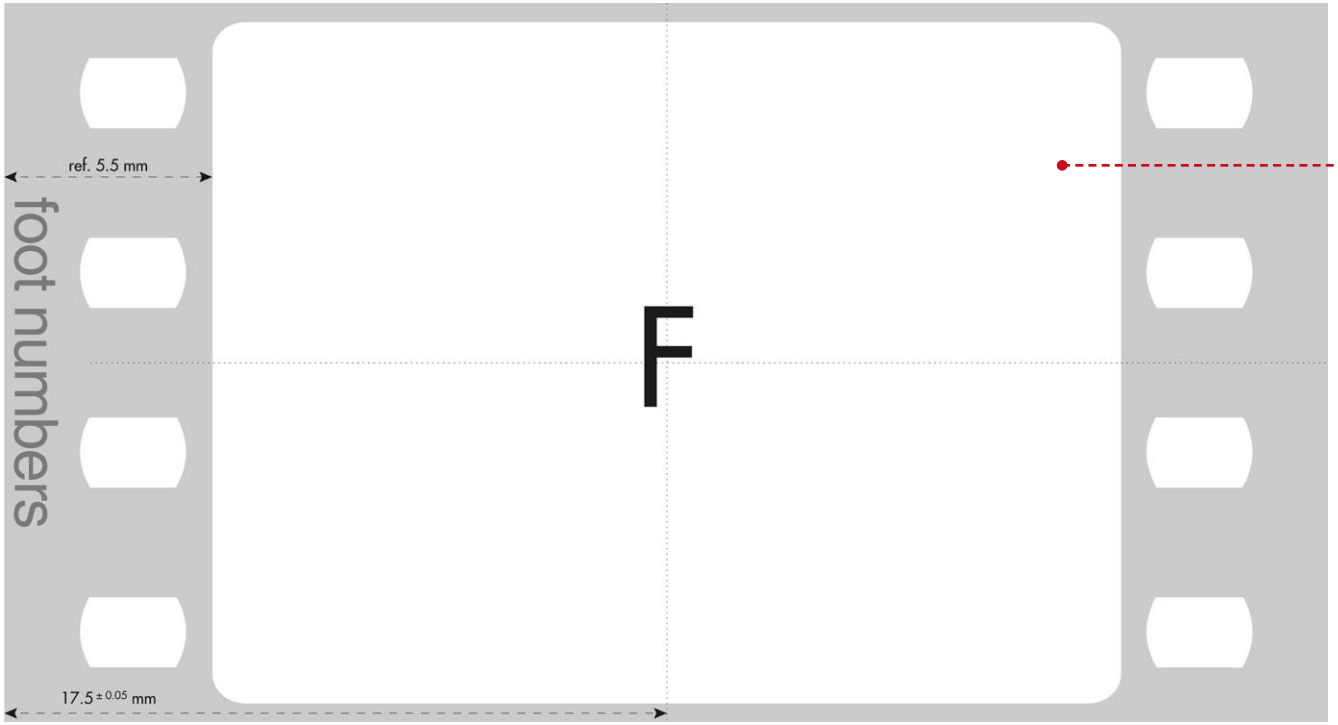
24.25 + 0.01 mm x 18.6 + 0.01 mm (R 0.8 mm)

This format covers N35 as well as DIN S35.

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

Format Mask	Format	Ident-Nr.
1.33 (Silent)	DIN S35	K5.42392.0





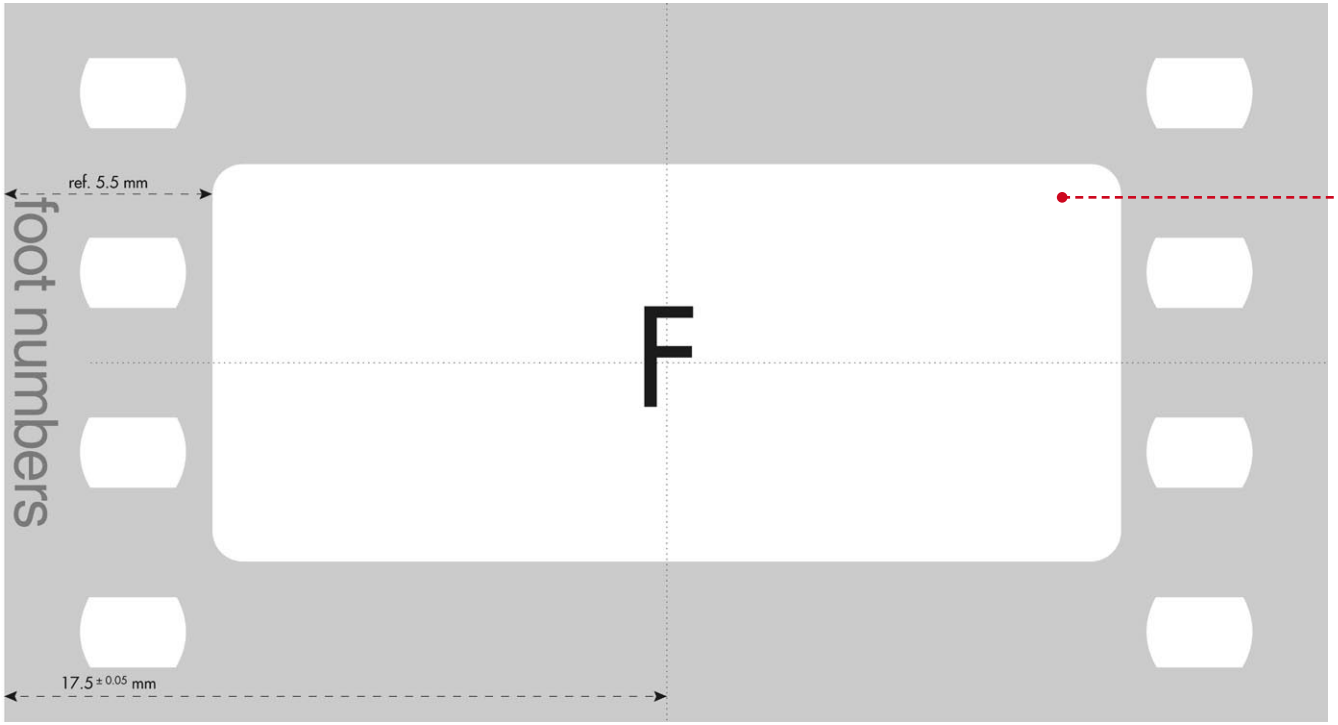
drawing scale 5:1

Correspondingly Exposed Neagative Area

$24^{+0.01}$ mm x $18^{+0.01}$ mm (R 0.8 mm)

1.33

Format Mask	Format	Ident-Nr.
2.35	DIN S35	K5.42393.0



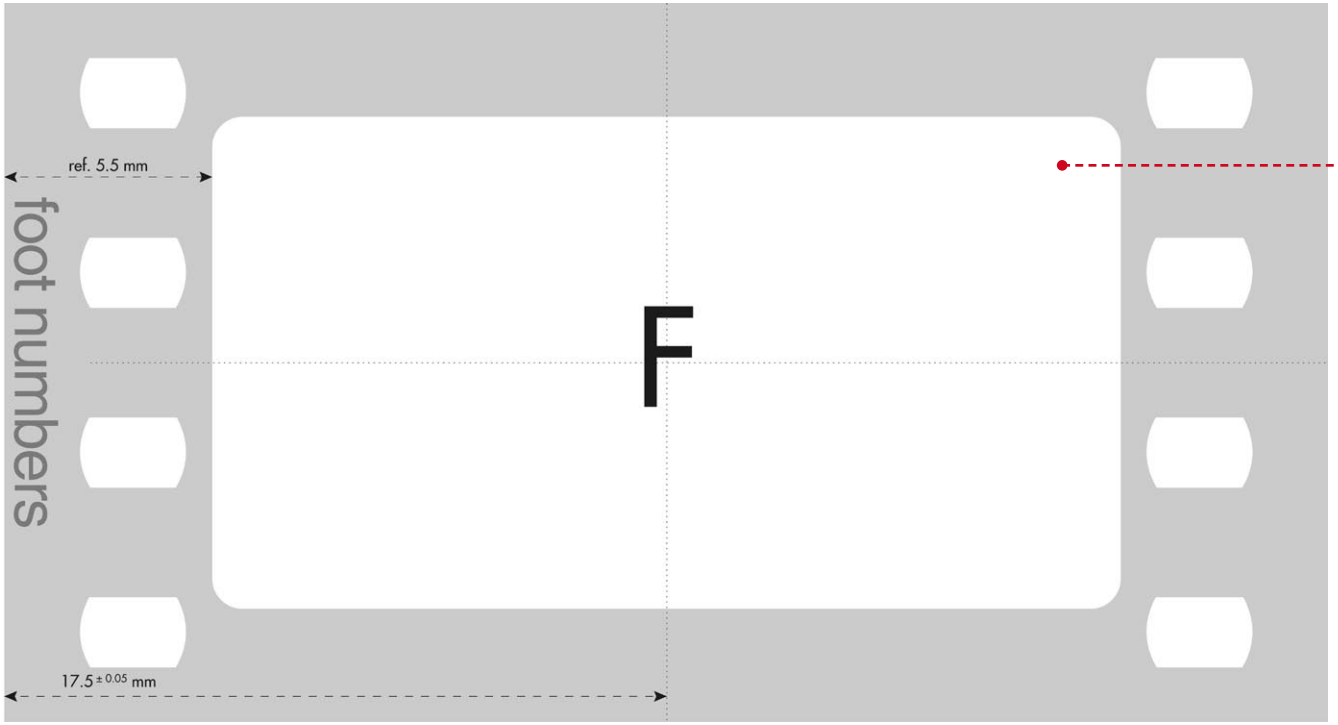
drawing scale 5:1

Correspondingly Exposed Neagative Area

24 + 0.01 mm x 10.5 + 0.01 mm (R 0.8 mm)

1:2.35

Format Mask	Format	Ident-Nr.
1.85	DIN S35	K5.44305.0



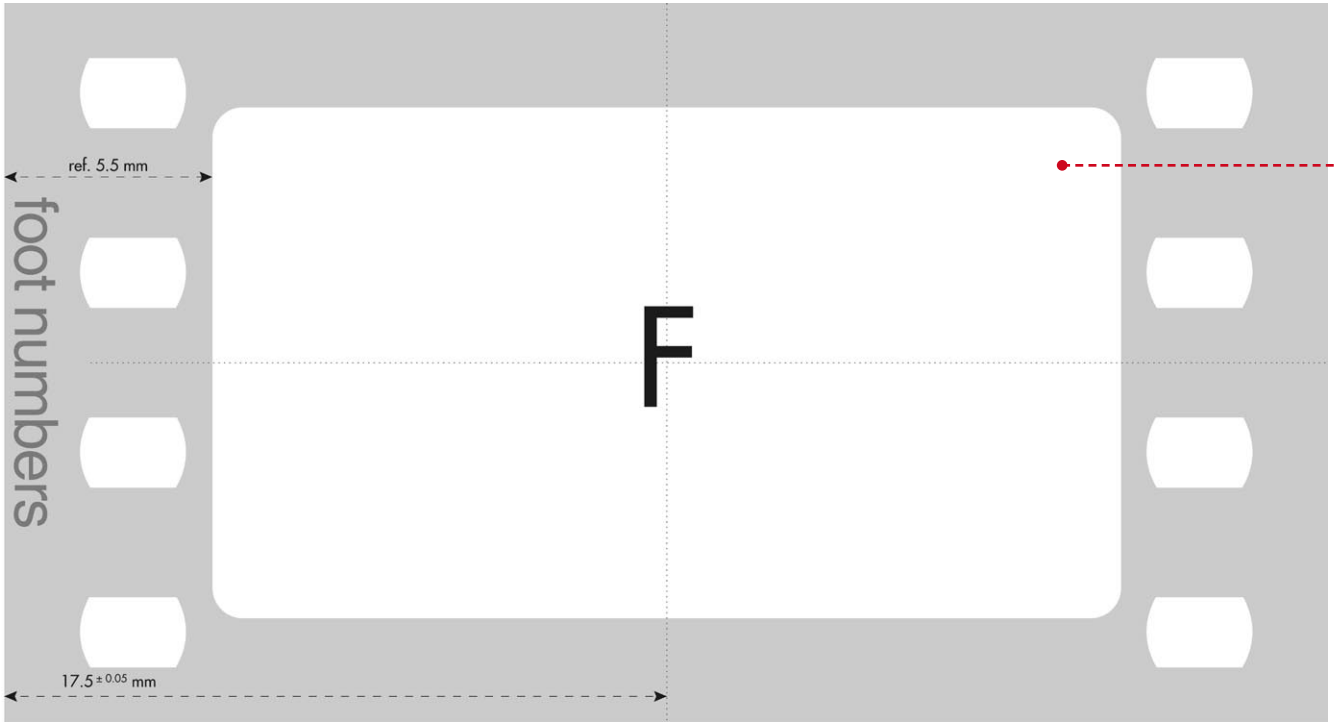
drawing scale 5:1

Correspondingly Exposed Neagative Area

$24^{+0.01}$ mm x $13^{+0.01}$ mm (R 0.8 mm)

1:1.85

Format Mask	Format	Ident-Nr.
1.78	DIN S35	K5.41474.0



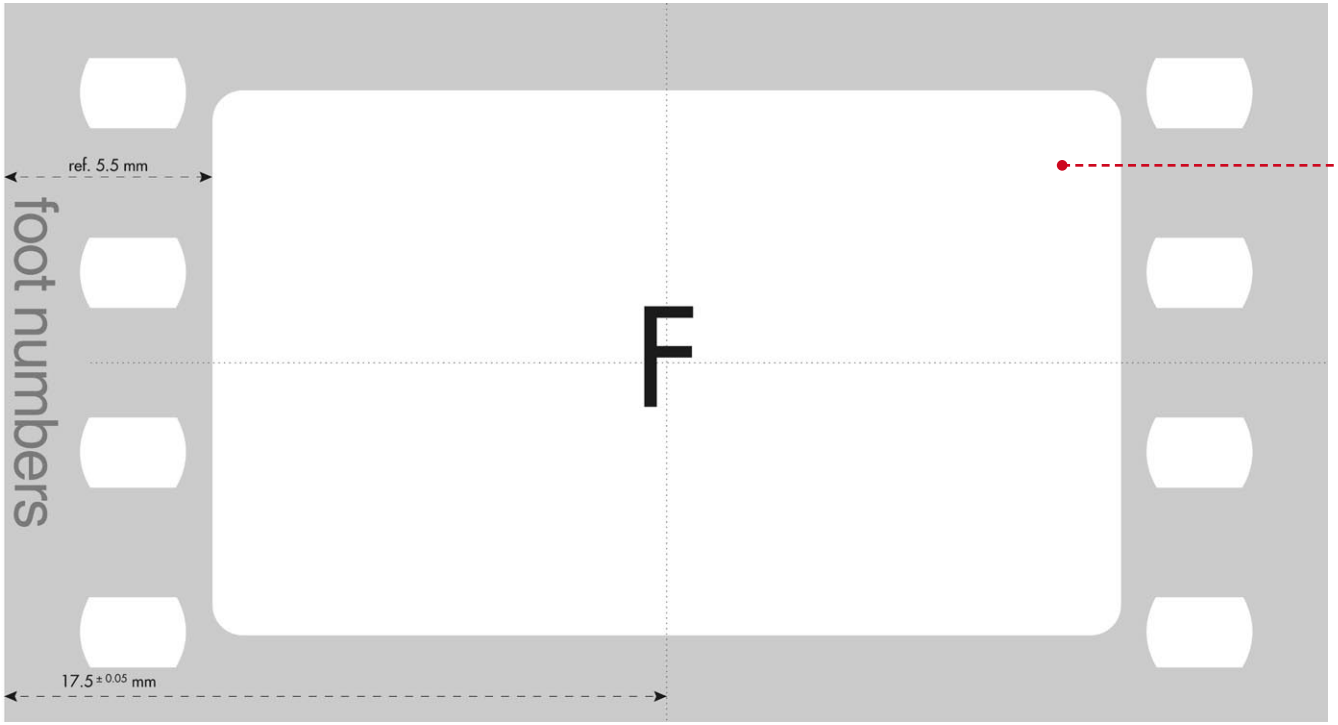
drawing scale 5:1

Correspondingly Exposed Neagative Area

$24^{+0.01}$ mm x $13.5^{+0.01}$ mm (R 0.8 mm)

1:1.78

Format Mask	Format	Ident-Nr.
1.66	DIN S35	K5.41476.0



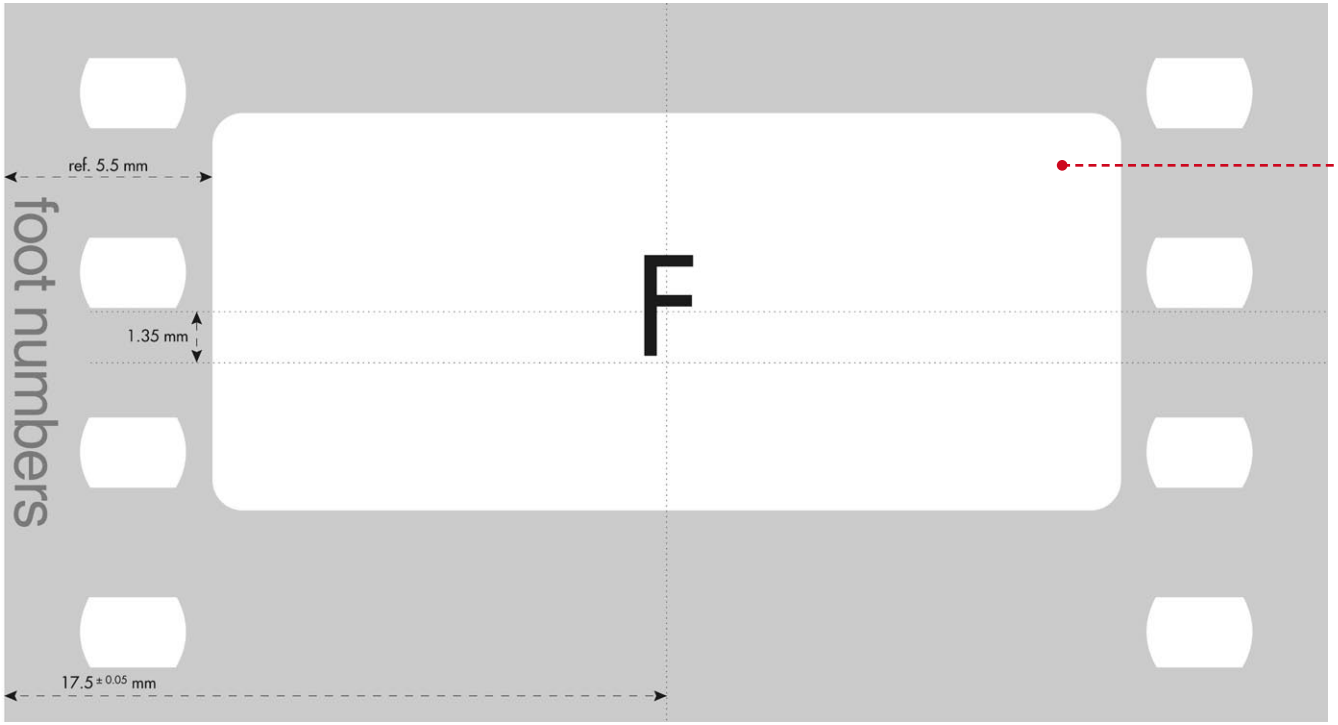
drawing scale 5:1

Correspondingly Exposed Neagative Area

$24^{+0.01}$ mm x $14.4^{+0.01}$ mm (R 0.8 mm)

1:1.66

Format Mask	Format	Ident-Nr.
2.35 ASYM.	DIN S35	K5.41477.0



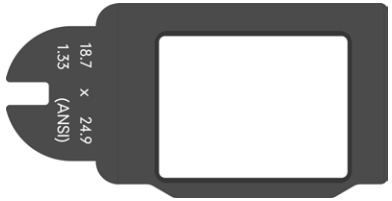
drawing scale 5:1

Correspondingly Exposed Neagative Area

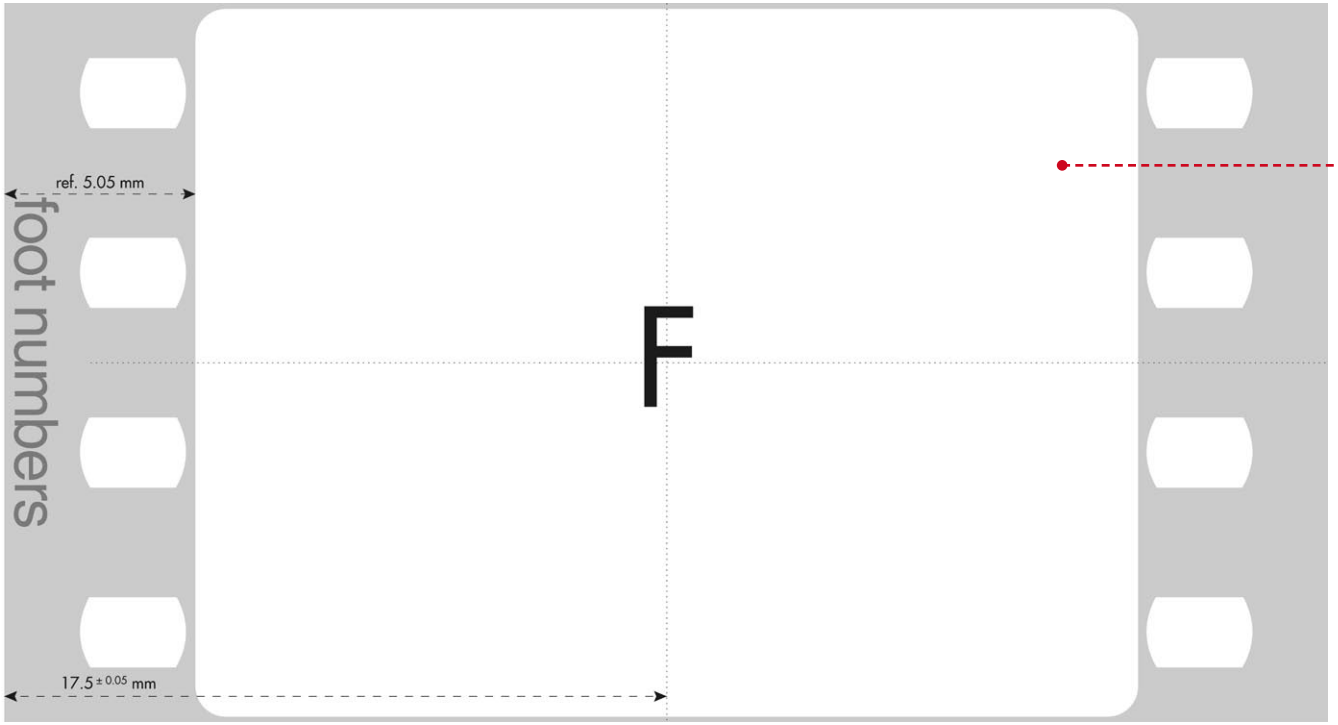
$24^{+0.01}$ mm x $10.5^{+0.01}$ mm (R 0.8 mm)

1:2.35

Format Mask	Format	Ident-Nr.
1.33	ANSI S35	K5.54352.0



No Time Code exposure with ARRIFLEX 435/535



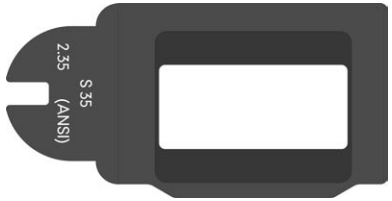
drawing scale 5:1

Correspondingly Exposed Neagative Area

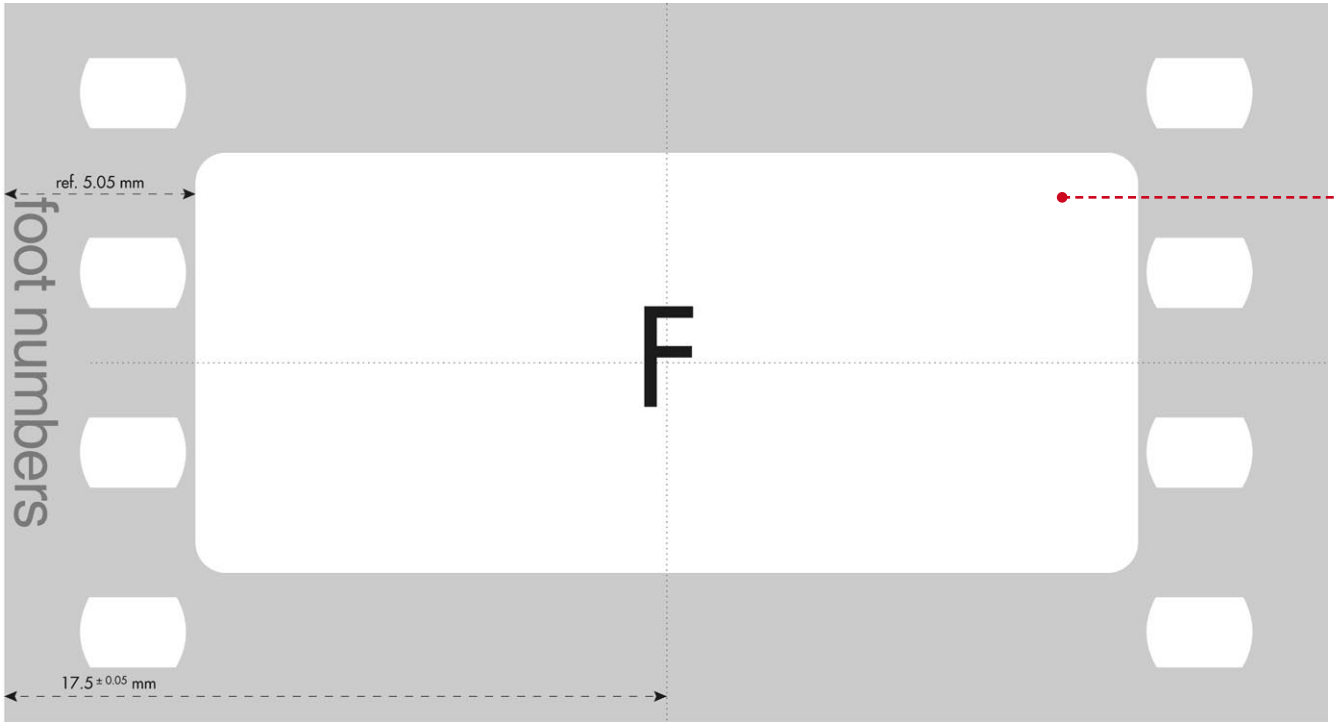
24.9 + 0.01 mm x 18.7 + 0.01 mm (R 0.8 mm)

1 : 1.33

Format Mask	Format	Ident-Nr.
2.35	ANSI S35	K5.59773.0



No Time Code exposure with ARRIFLEX 435/535



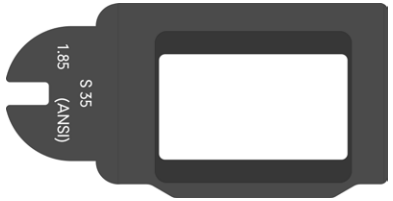
drawing scale 5:1

Correspondingly Exposed Neagative Area

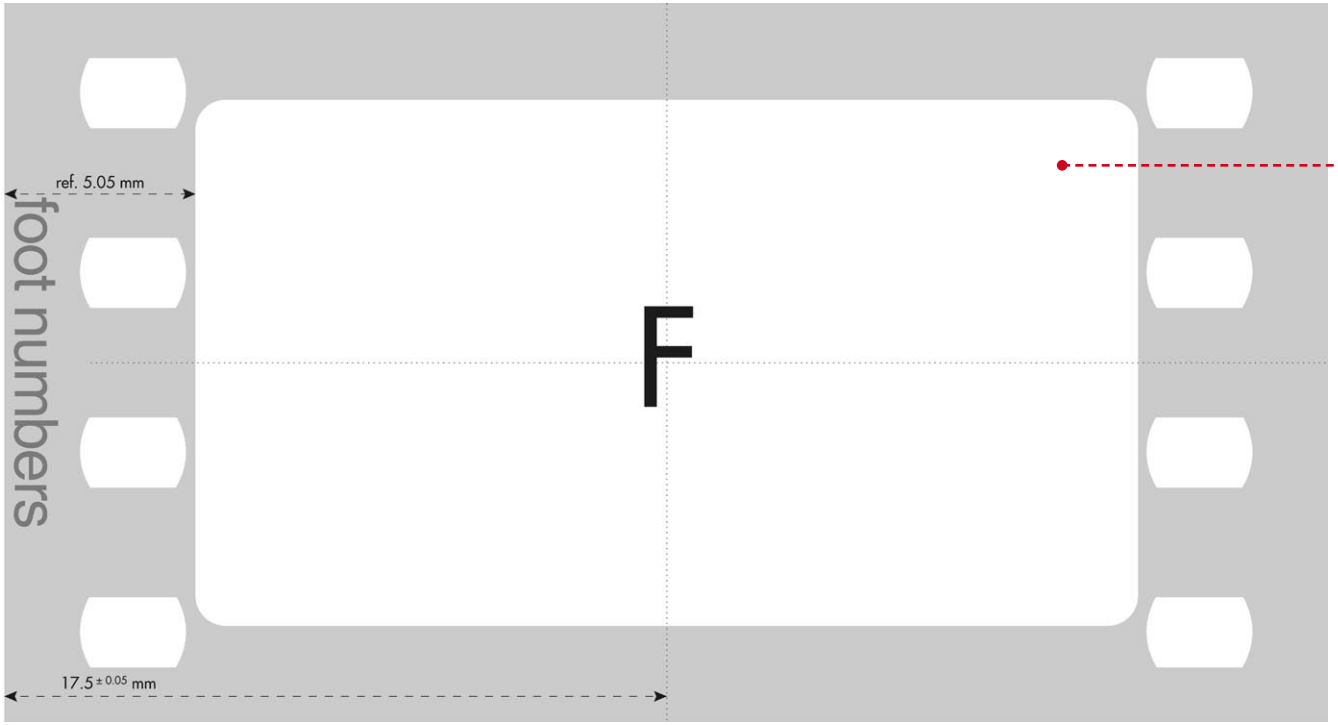
24.9 + 0.01 mm x 11.1 + 0.01 mm (R 0.8 mm)

1 : 2.35

Format Mask	Format	Ident-Nr.
1.85	ANSI S35	K5.59774.0



No Time Code exposure with ARRIFLEX 435/535



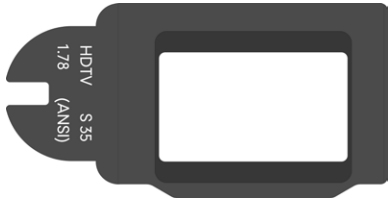
drawing scale 5:1

Correspondingly Exposed Neagative Area

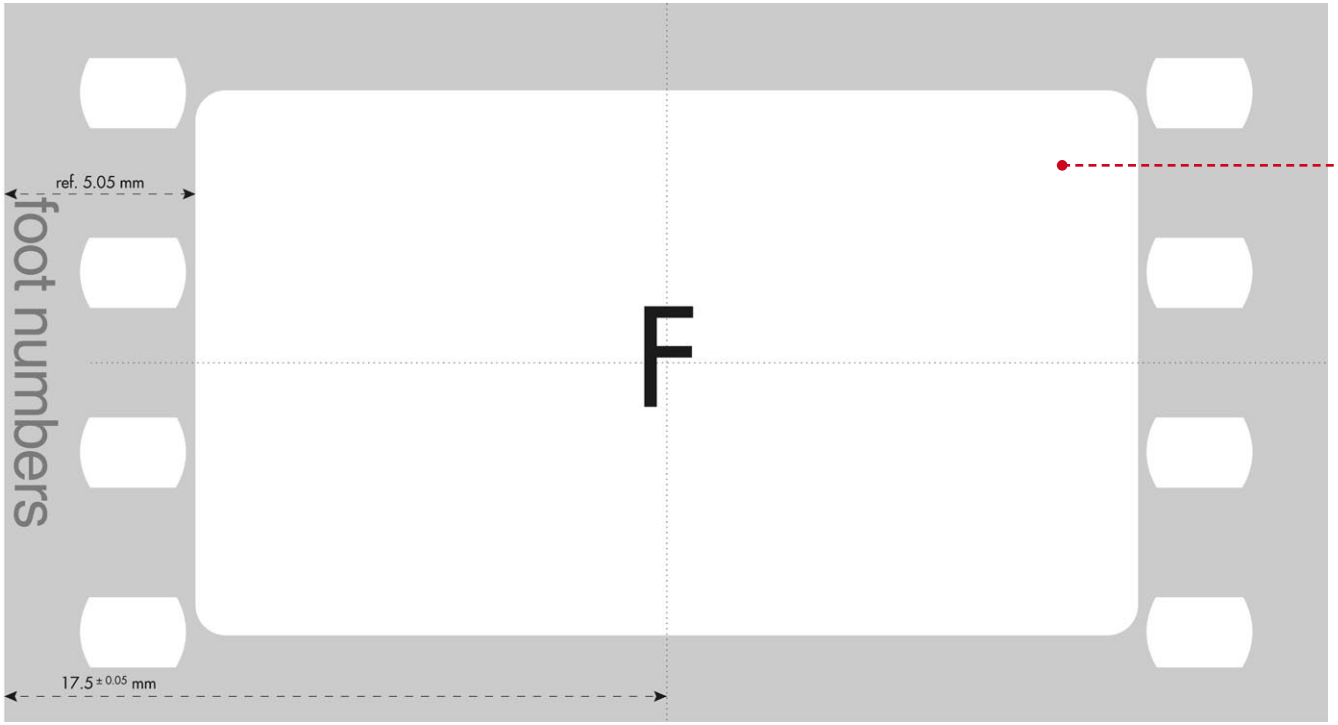
$24.9^{+0.01}$ mm x $13.9^{+0.01}$ mm (R 0.8 mm)

1 : 1.85

Format Mask	Format	Ident-Nr.
1.78	ANSI S35	K5.59775.0



No Time Code exposure with ARRIFLEX 435/535



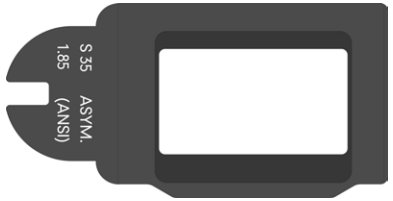
drawing scale 5:1

Correspondingly Exposed Neagative Area

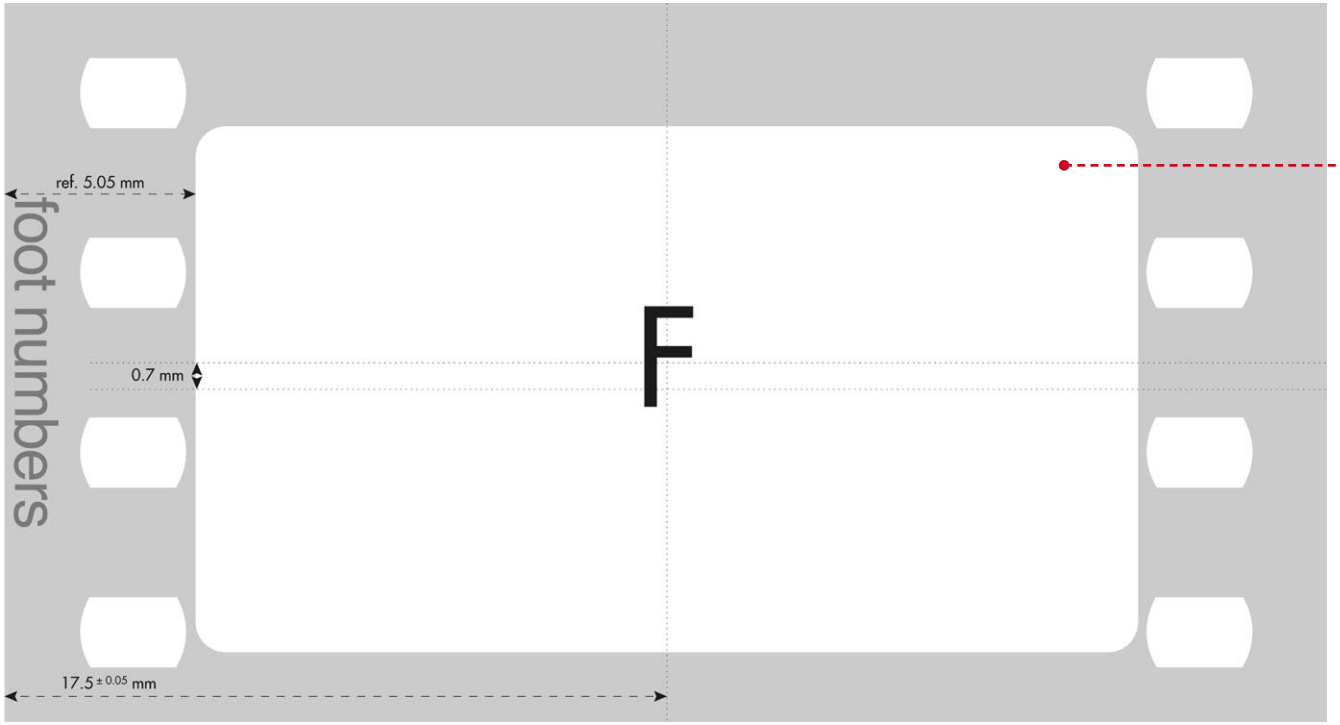
24.9 + 0.01 mm x 14.4 + 0.01 mm (R 0.8 mm)

1 : 1.78

Format Mask	Format	Ident-Nr.
1.85 ASYM	ANSI S35	K5.59776.0



No Time Code exposure with ARRIFLEX 435/535



drawing scale 5:1

Correspondingly Exposed Neagative Area

$24.9^{+0.01}$ mm x $13.9^{+0.01}$ mm (R 0.8 mm)

1 : 1.85

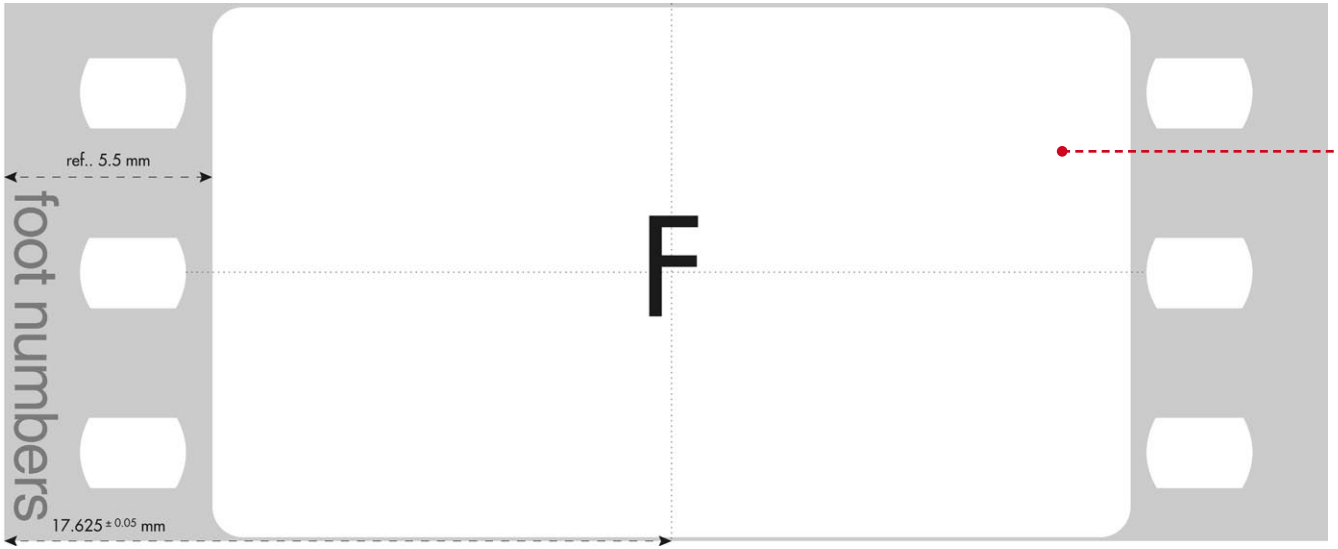
– 0.7 mm off center

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 Neagative Area

24.25 + 0.01 mm x 14 + 0.01 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.

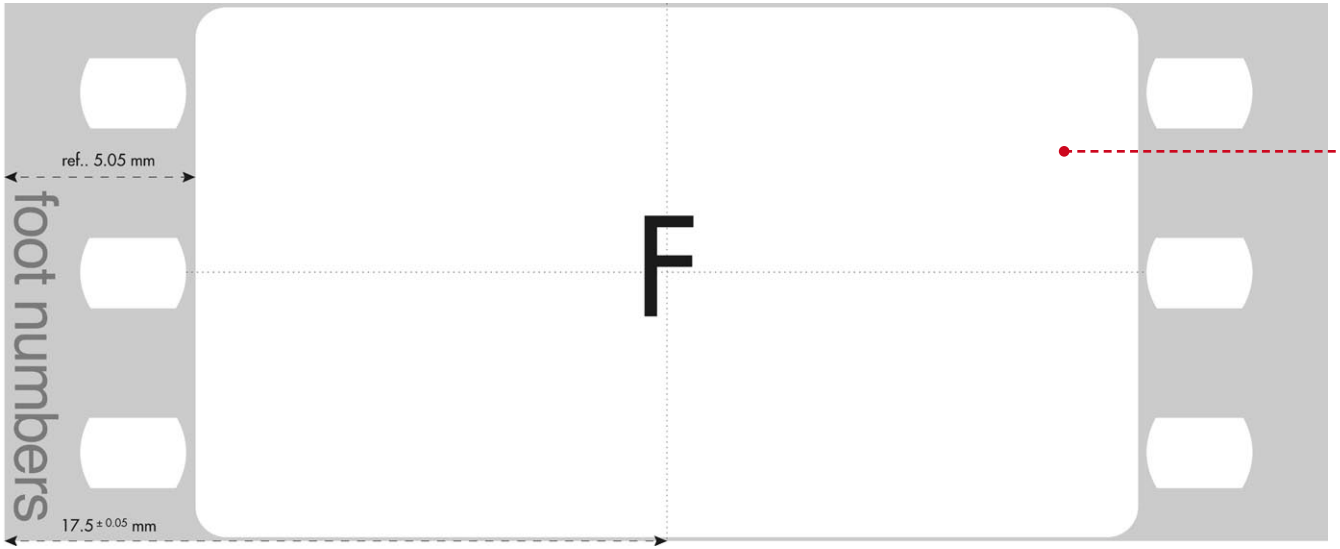
drawing scale 5:1

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 Neagative Area

24.9 + 0.01 mm x 14 + 0.01 mm (R 0.8 mm)

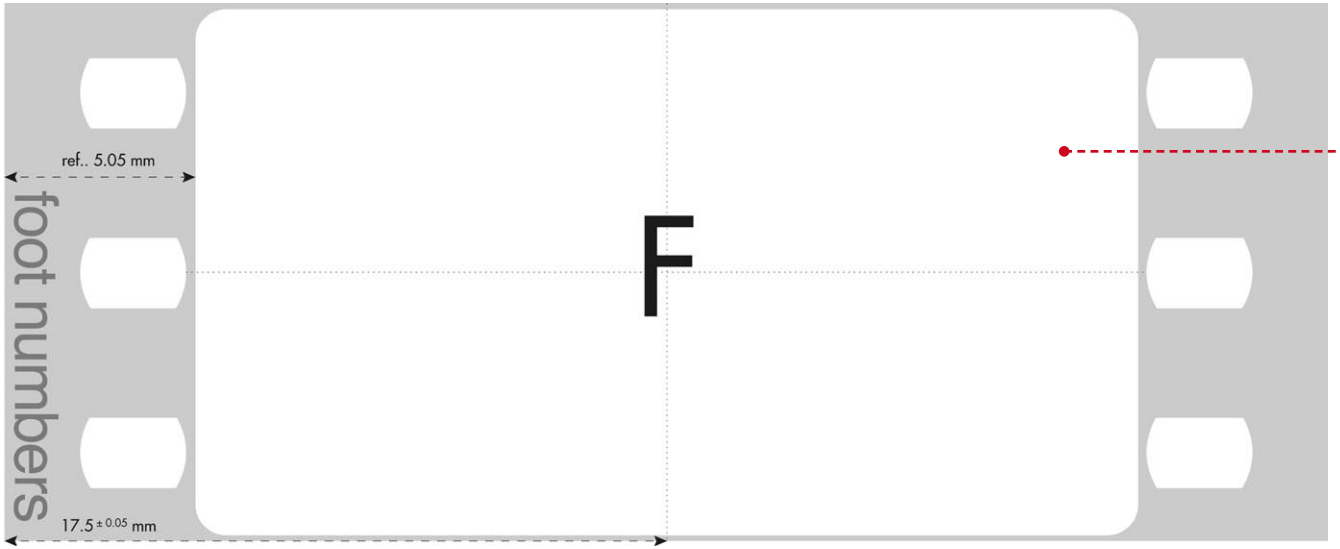
This format covers all 3 perforation negative areas of N35, DIN S35 as well as ANSI S35.

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

drawing scale 5:1

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 Neagative Area

24.9 + 0.01 mm x 13.9 + 0.01 mm (R 0.8 mm)

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

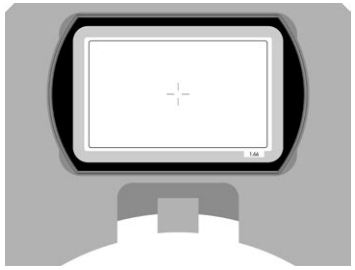
Extract the required image format from the negative in post-production.

drawing scale 5:1

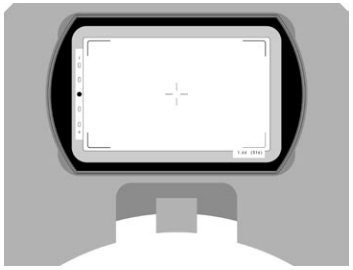
The methods of operating for 16mm and 35mm film are becoming increasingly similar. That's why the format markings of the 16mm ground glasses were adapted to fit the layout of the 35mm ground glasses. The hedged area, which shaded the outer field on the old fiberscreens was replaced with a neutral density area. This prevents the hatched pattern from interacting with the Video Assist's CCD sensor to produce a Moiré effect, which looks similar like something a plaid jacket would produce in a TV image.

The new fiberscreens are retroactively compatible with the ARRIFLEX 16 SR3 Advanced.
They are also available with markings for the exposure meter (order numbers in italic typeface) – see sample on bottom.

All ground glasses show the area of the actual negative image according to ISO 5768 and DIN 15602. The area outside this space is reduced in transparency to clearly define the image area, which is actually being recorded onto the negative. Unwanted objects, such as microphones, can be easily recognized and kept out of the image.

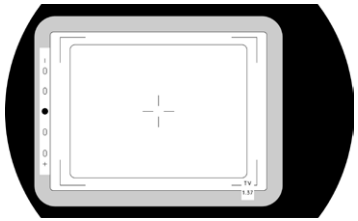


Normal Typeface = without markings for exposure meter

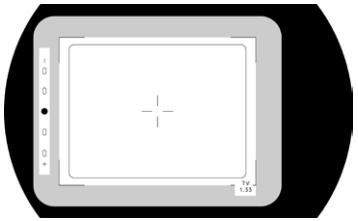


Italic Typeface = with exposure meter markings

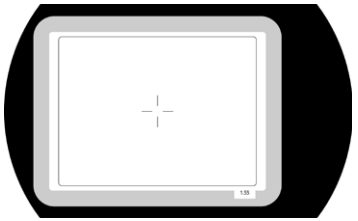
N16 – old style
1.37 - TV 1.33
(K4.47386.0) K4.48012.0



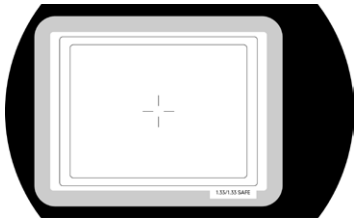
N16 – old style
TV 1.33
(K2.47173.0) K2.47353.0



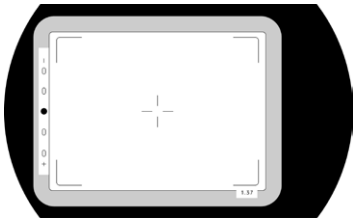
N16 – new style
1.33
(K2.47791.0) K2.65120.0

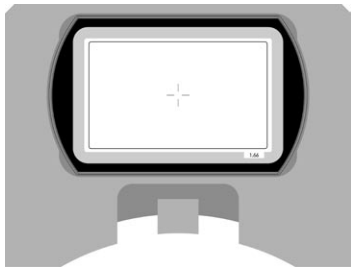


N16 – new style
1.33 / 1.33 SAFE
(K2.47792.0) K2.65121.0

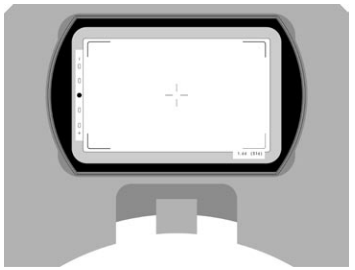


N16 – old style
1.37
(K2.47174.0) K2.47354.0



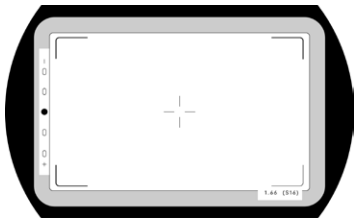


Normal Typeface = without exposure meter markings

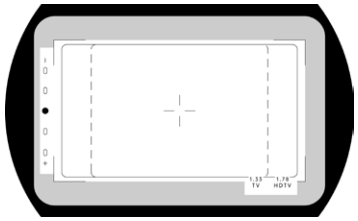


Italic Typeface = ARRIFLEX 16SR 3 Ground Glass with exposure meter markings

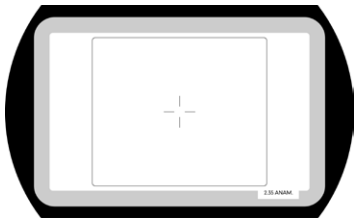
S16 – old style
1.66
(K2.47209.0) K2.47355.0



S16 – old style
TV 1.78 - TV 1.33
(K2.47213.0) K2.47358.0

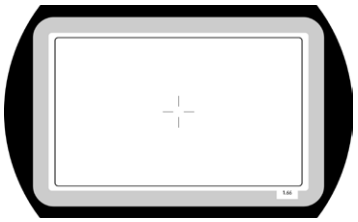


S16 – new style
2.35 anamorphic
(K2.47782.0) K2.65111.0

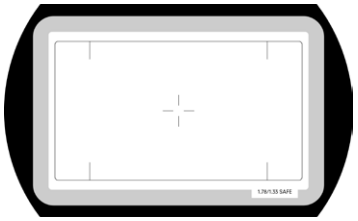


S16 – new style
2.35
(K2.47790.0) K2.65119.0

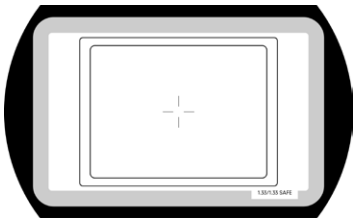
S16 – new style
1.66
(K2.47784.0) K2.65113.0

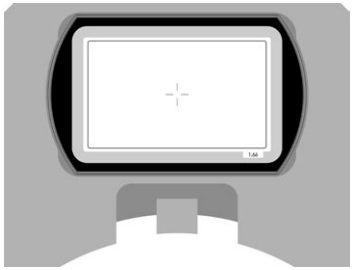


S16 – new style
1.78 - 1.33 SAFE
(K2.47786.0) K2.65115.0

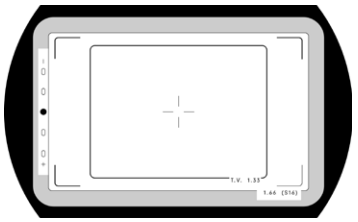


S16 – new style
1.33 - 1.33 SAFE
(K2.47783.0) K2.65112.0

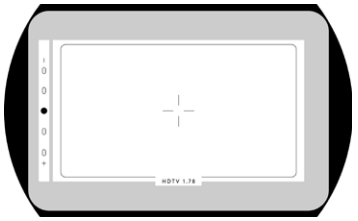




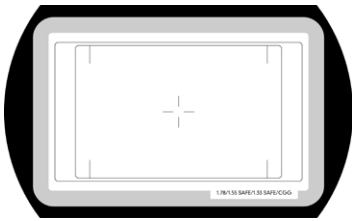
S16 – old style
1.66 - TV 1.33
(K2.47210.0) K2.47356.0



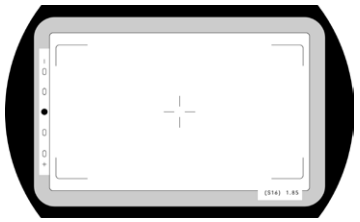
S16 – old style
TV 1.78
(K2.47034.0) K2.47359.0



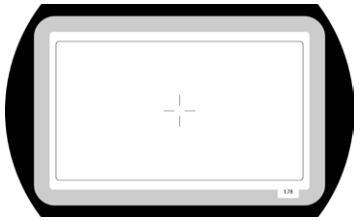
S16 – new style
1.78 - 1.55 SAFE - 1.33 SAFE - CGG
(K2.47787.0) K2.65116.0



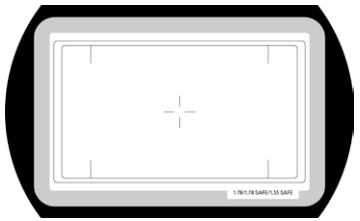
S16 – old style
1.85
(K2.47211.0) K2.47357.0

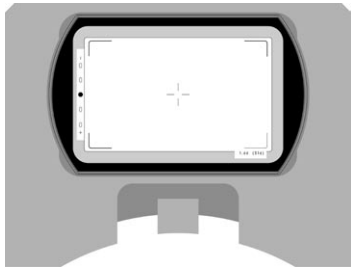


S16 – new style
1.78
(K2.47785.0) K2.65114.0



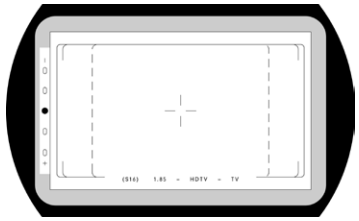
S16 – new style
1.78 - 1.78 SAFE - 1.33 SAFE
(K2.47788.0) K2.65117.0



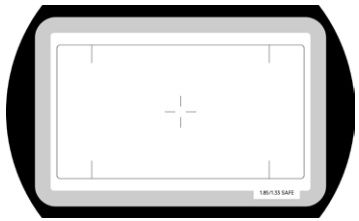


S16 – new style
1.85
(K2.47781.0) K2.65110.0

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



S16 – new style
1.85 - 1.33 SAFE
(K2.47789.0) K2.65118.0



Normal Typeface = without exposure meter markings

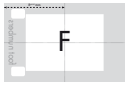
Italic Typeface = ARRIFLEX 16SR 3 Ground Glass with exposure meter markings

Ground Glass Drawing	Format	Ident-Nr.
1.37 - TV 1.33	**N16**	**K4.47386.0**
old style		**K4.48012.0**

with exposure meter markings (for ARRIFLEX 16 SR 3)

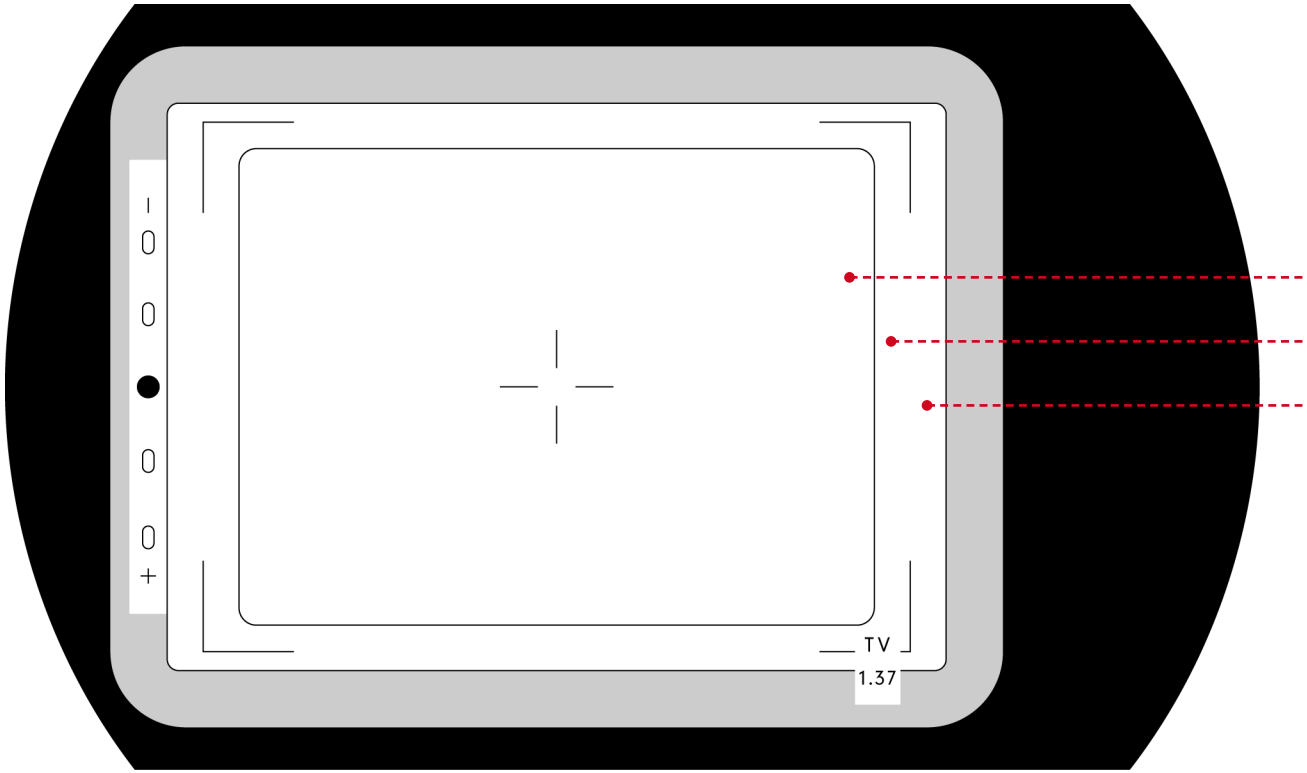
without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area



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

Ground Glass Marking Dimensions



$8.4^{\pm0.02}$ mm x $6.3^{\pm0.02}$ mm	TV safe action 4:3
$9{,}35^{\pm0.02}$ mm x $7^{+0.1}$ mm	TV transmitted 4:3
$10.3^{+0.05}$ mm x $7.5^{+0.05}$ mm	camera aperture

drawing scale 10:1

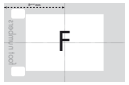
The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
TV 1.33	**N16**	**K2.47173.0**
old style		**K2.47353.0**

with exposure meter markings (for ARRIFLEX 16 SR 3)

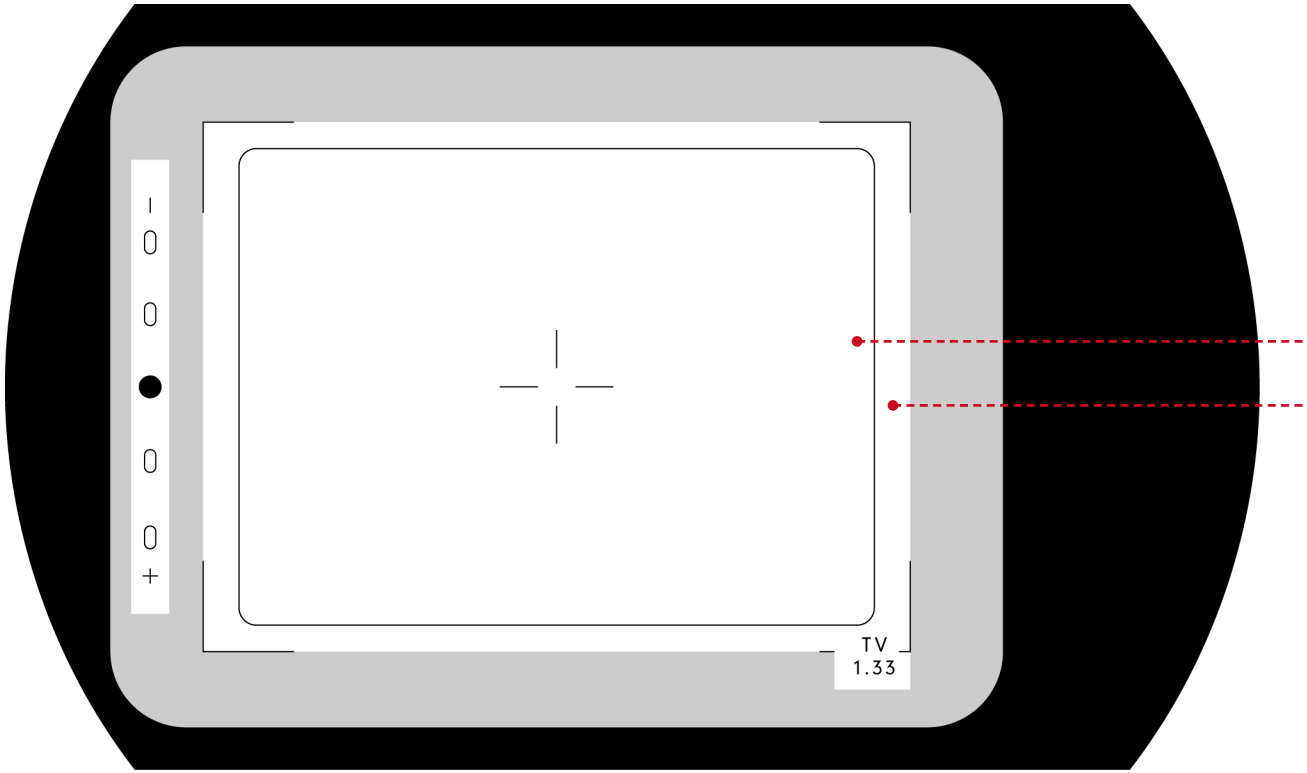
without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area



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

Ground Glass Marking Dimensions



$8.4^{\pm0.02}$ mm x $6.3^{\pm0.02}$ mm	TV safe action 4:3
$9.35^{\pm0.02}$ mm x $7^{+0.1}$ mm	transmitted area 4:3

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

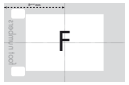
drawing scale 10:1

Ground Glass Drawing	Format	Ident-Nr.
1.33	**N16**	**K2.47791.0**
new style		**K2.65120.0**

with exposure meter markings (for ARRIFLEX 16 SR 3)

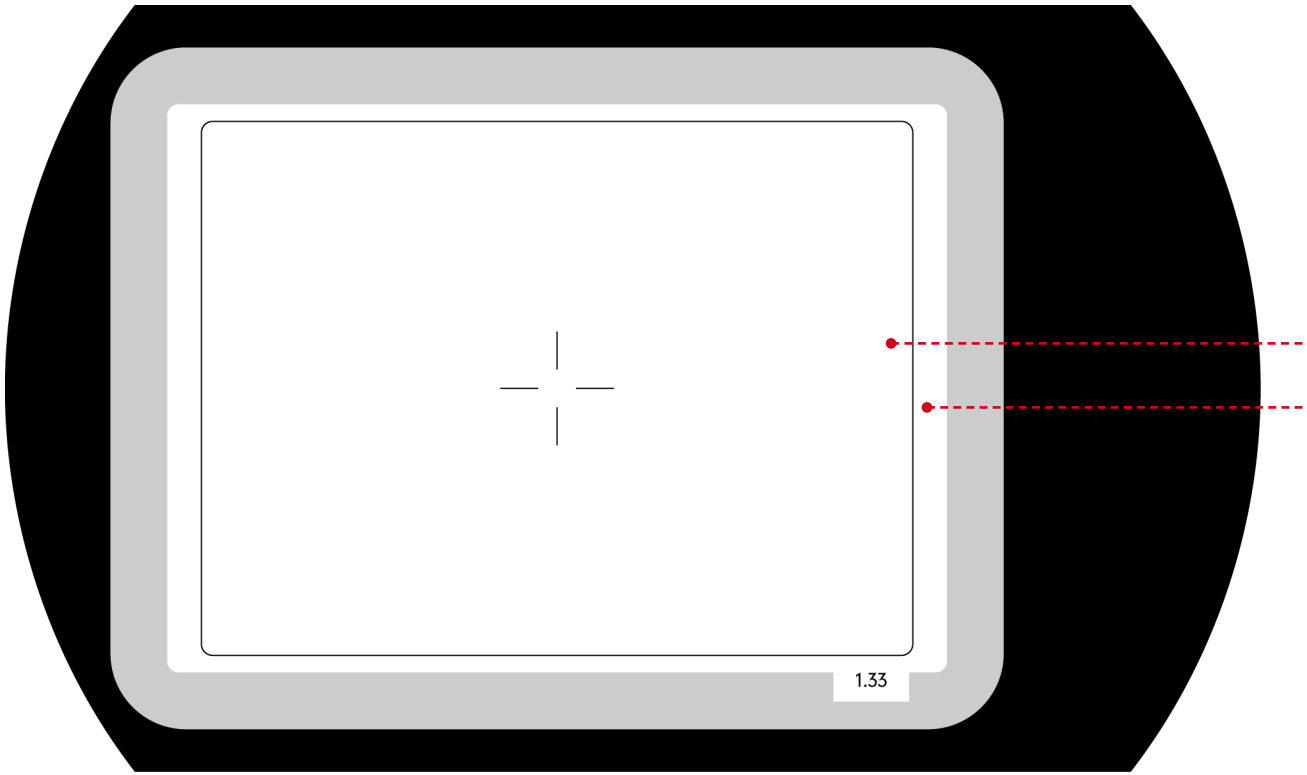
without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Negative Area



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

Ground Glass Marking Dimensions



9.4 mm x 7.05 mm	TV transmitted (1.33)
$10.3^{+0.05}$ mm x $7.5^{+0.05}$ mm	camera aperture N16

drawing scale 10:1

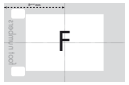
The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.33 / 1.33 SAFE	**N16**	**K2.47792.0**
new style		**K2.65121.0**

with exposure meter markings (for ARRIFLEX 16 SR 3)

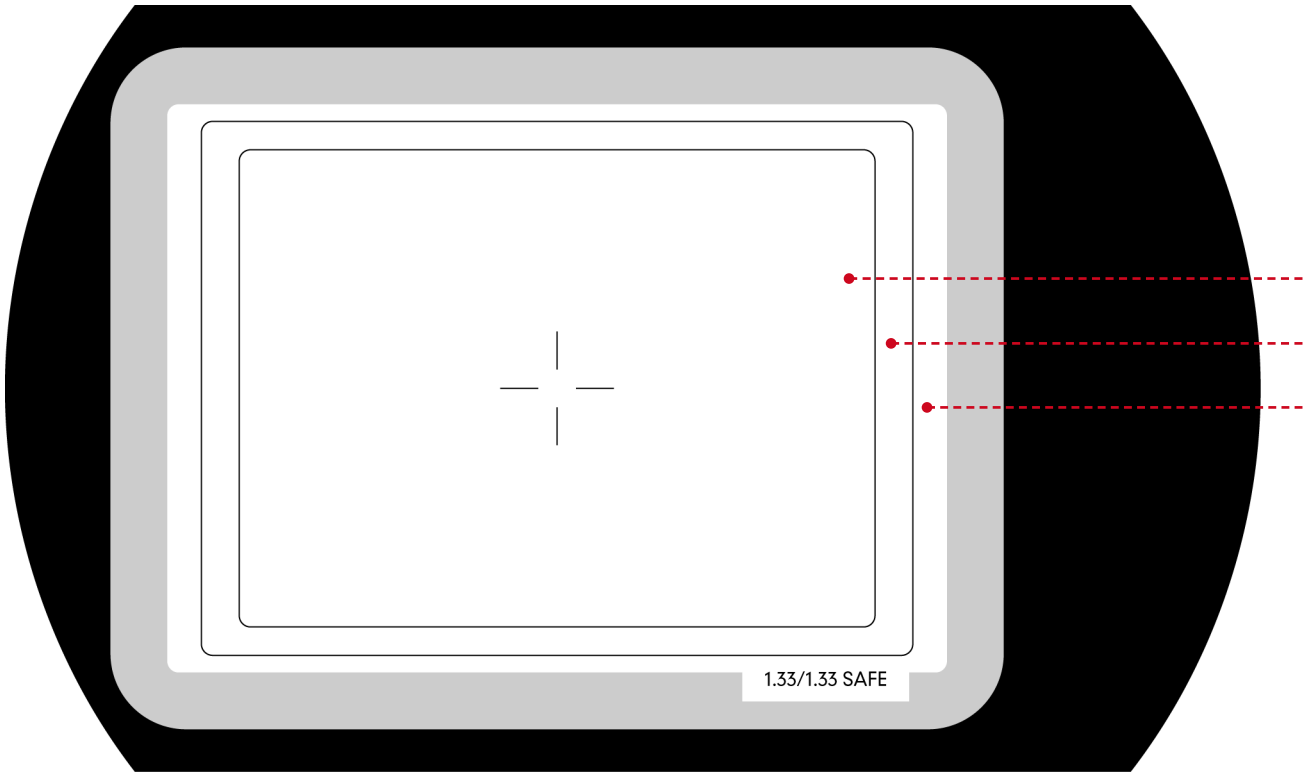
without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area



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

Ground Glass Marking Dimensions



8.4 mm x 6.3 mm	TV safe action (1.33)
9.4 mm x 7.05 mm	TV transmitted (1.33)
$10.3^{+0.05}$ mm x $7.5^{+0.05}$ mm	camera aperture N16

drawing scale 10:1

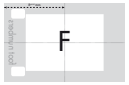
*The ground glasses are basically identical,
however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.*

Ground Glass Drawing	Format	Ident-Nr.
1.37	**N16**	**K2.47174.0**
old style		**K2.47354.0**

with exposure meter markings (for ARRIFLEX 16 SR 3)

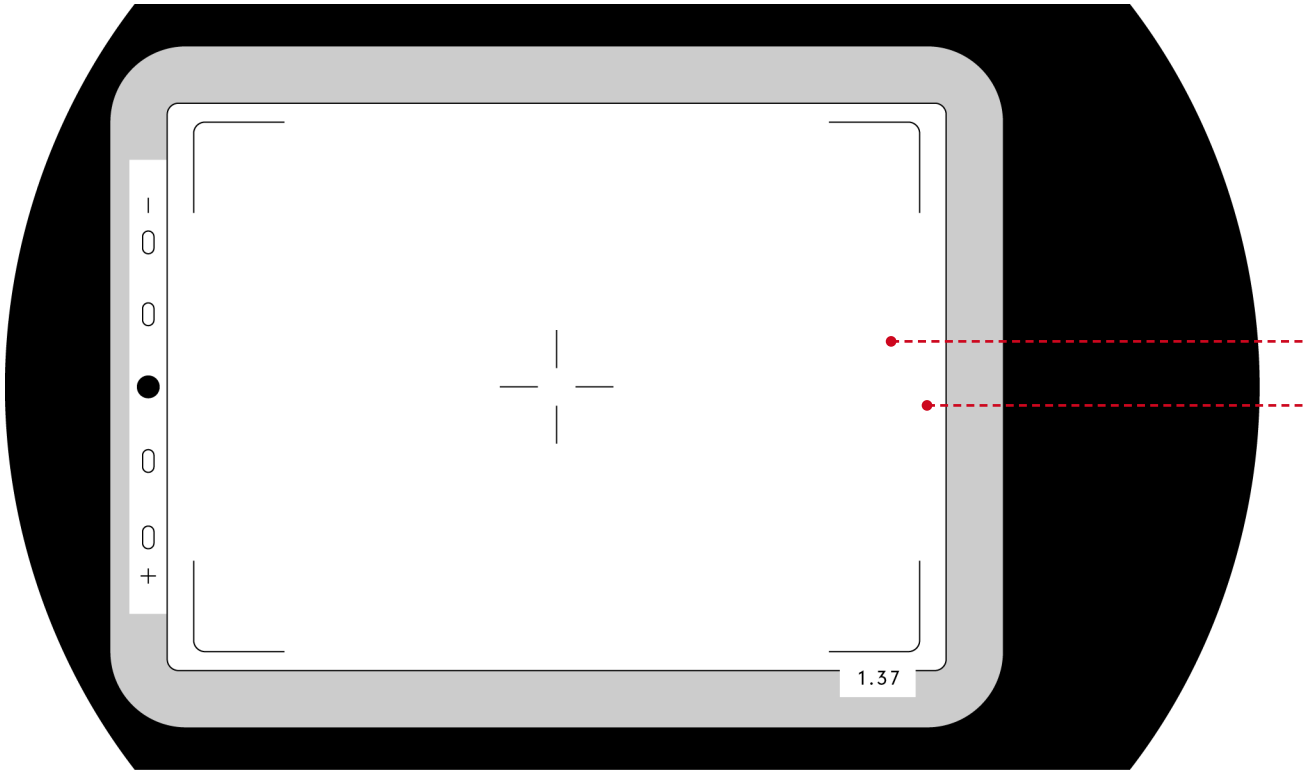
without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Negative Area



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

Ground Glass Marking Dimensions



$9.6^{+0.05}$ mm x $7^{+0.05}$ mm	projected area
$10.3^{+0.05}$ mm x $7.5^{+0.05}$ mm	camera aperture

drawing scale 10:1

*The ground glasses are basically identical,
however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.*

Ground Glass Drawing	Format	Ident-Nr.
1.66 (S16)	**S16**	**K2.47209.0**
old style		**K2.47355.0**

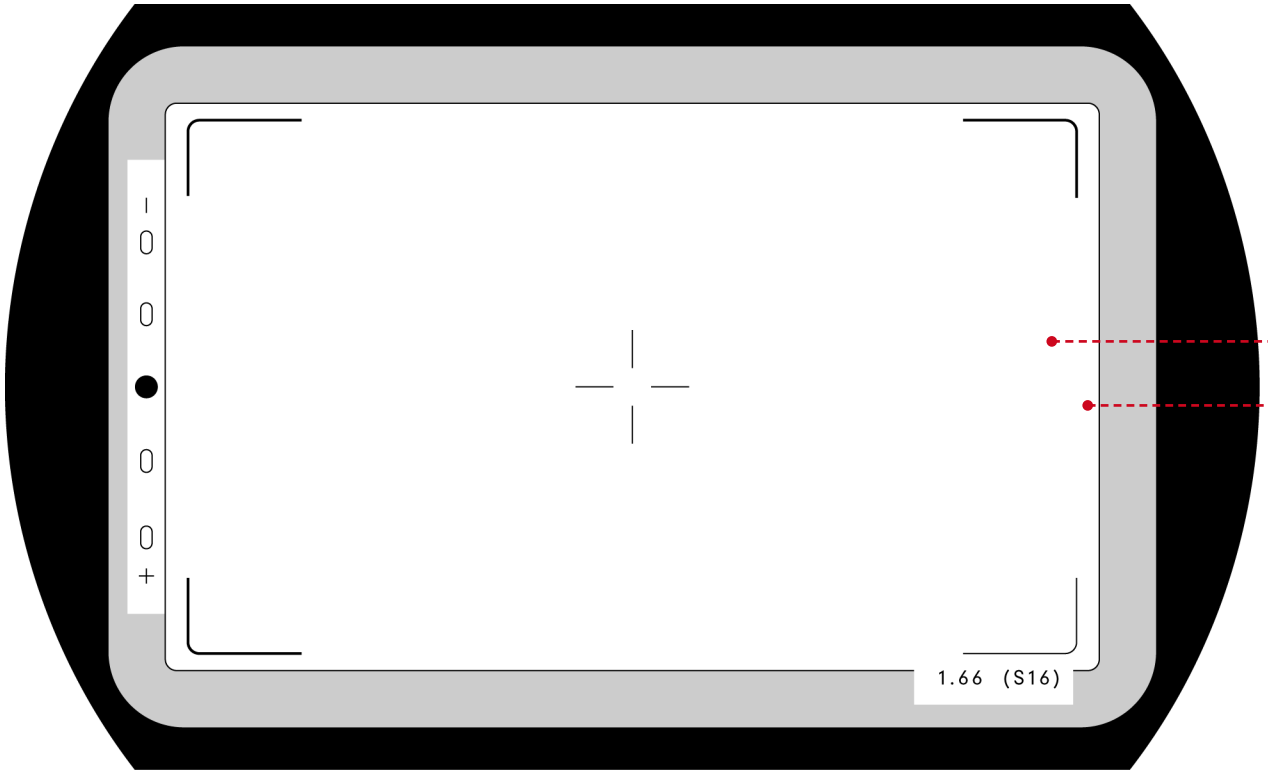
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 $7.05^{+0.05}$ mm projected area

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

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.66	**S16**	**K2.47784.0**
new style		**K2.65113.0**

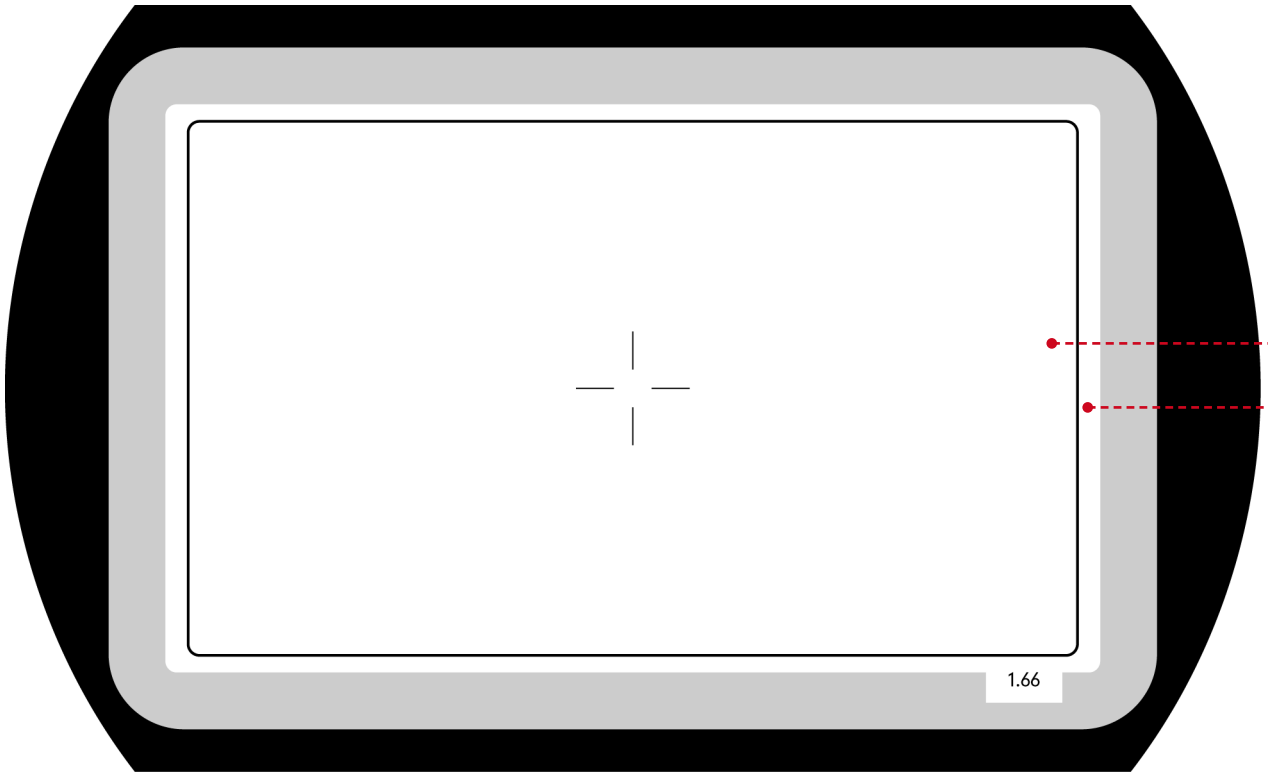
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 mm x 7.05 mm	projected area (1.66)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

*The ground glasses are basically identical,
however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.*

Ground Glass Drawing	Format	Ident-Nr.
1.66 (S16) - TV 1.33	**S16**	**K2.47210.0**
old style		**K2.47356.0**

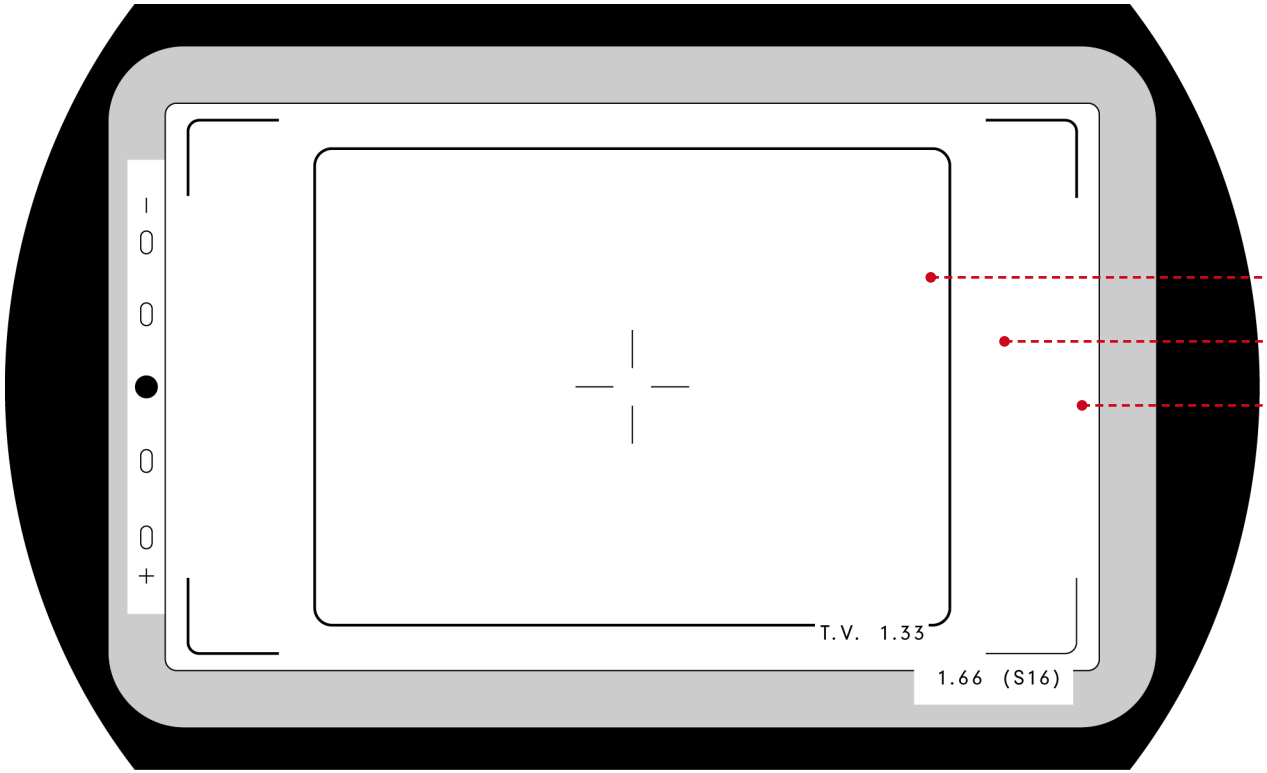
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Negative Area

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

Ground Glass Marking Dimensions



$8.4^{\pm0.02}$ mm x $6.3^{\pm0.02}$ 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

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

drawing scale 10:1

Ground Glass Drawing	Format	Ident-Nr.
1.85 (S16)	**S16**	**K2.47211.0**
old style		**K2.47357.0**

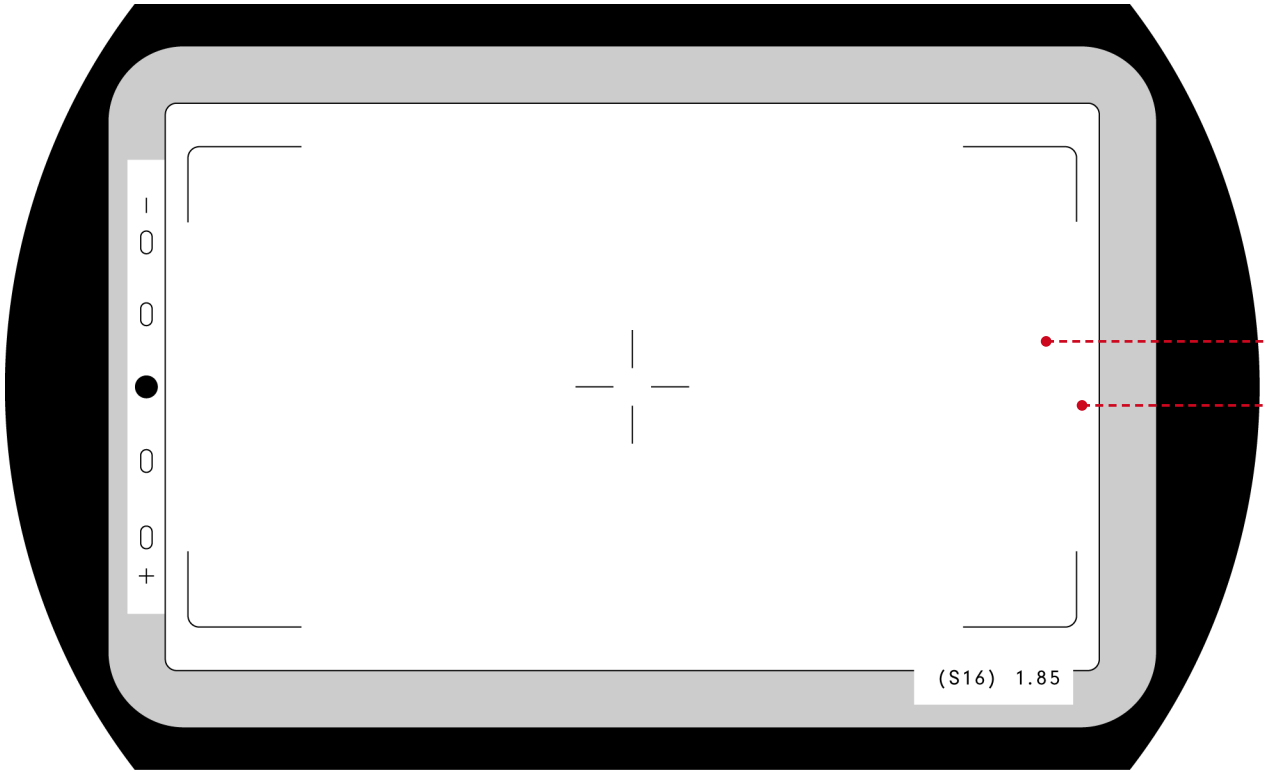
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.85	**S16**	**K2.47781.0**
new style		**K2.65110.0**

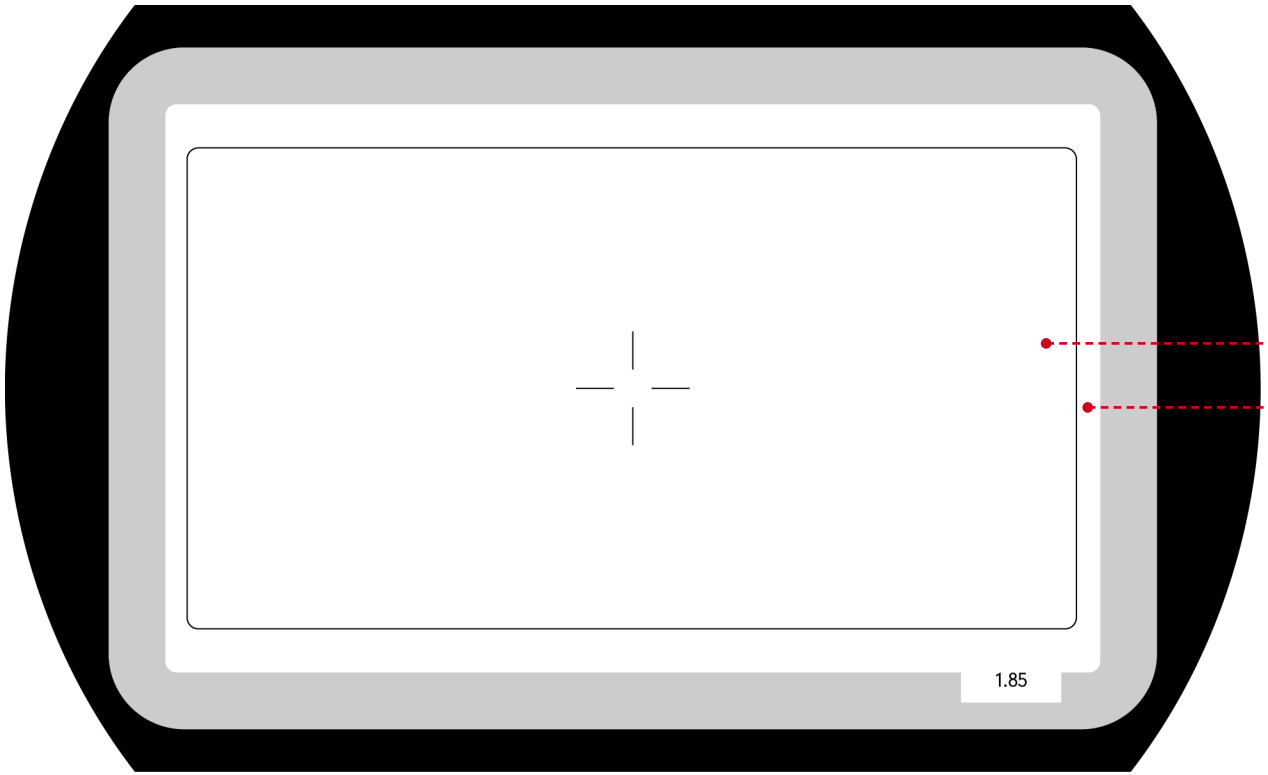
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 mm x 6.35 mm	projected area (1.85)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

*The ground glasses are basically identical,
however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.*

Ground Glass Drawing	Format	Ident-Nr.
TV 1.78 - TV 1.33	**S16**	**K2.47213.0**
old style		**K2.47358.0**

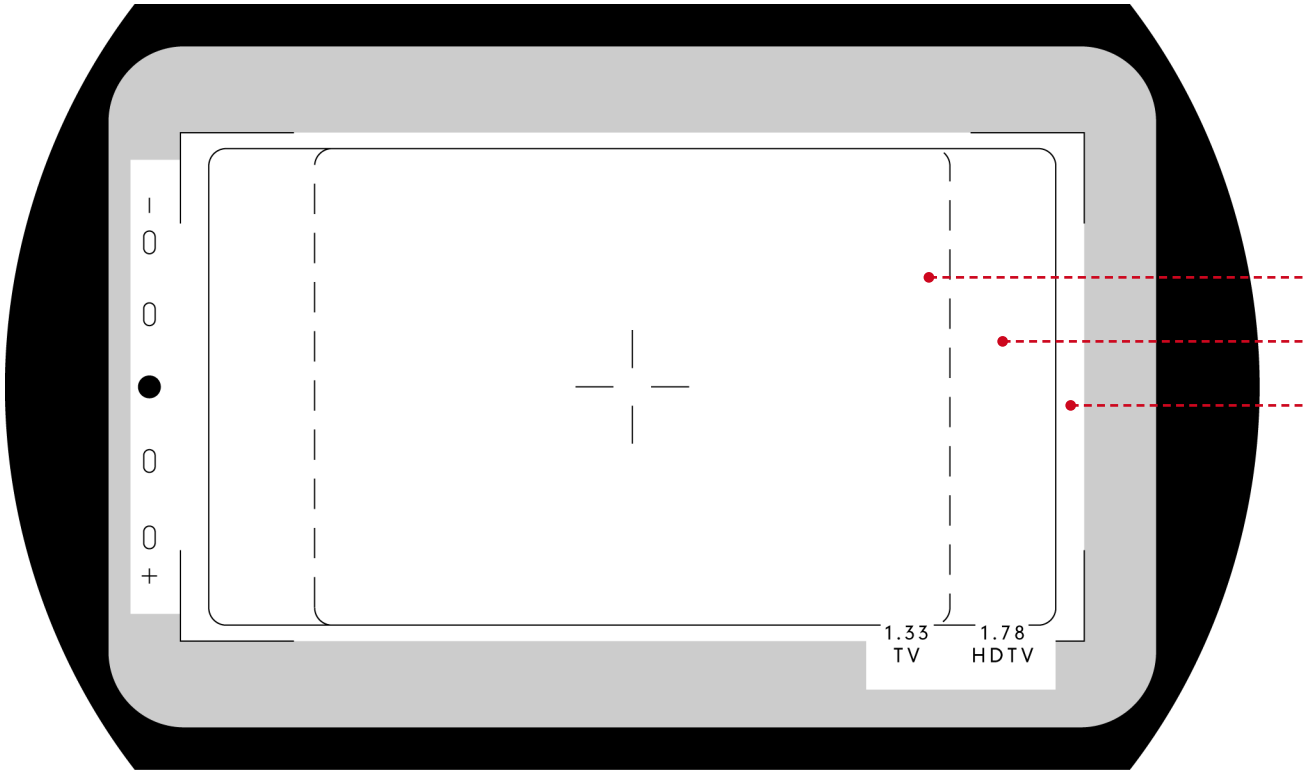
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

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

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.78 - 1.33 SAFE	**S16**	**K2.47786.0**
new style		**K2.65115.0**

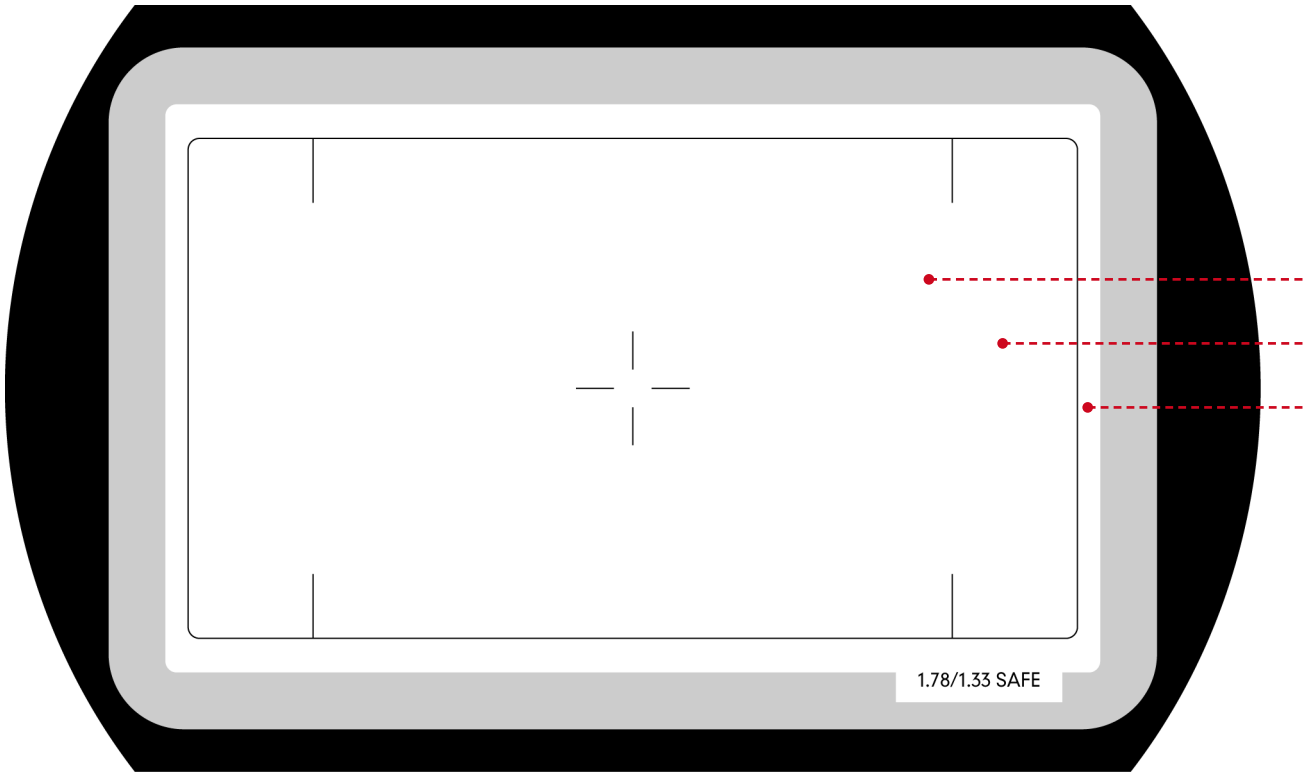
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

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

Ground Glass Marking Dimensions



8.4 mm x 6.3 mm (not shown)	TV safe action (1.33)
11.75 mm x 6.6 mm	TV transmitted (1.78)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

*The ground glasses are basically identical,
however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.*

Ground Glass Drawing	Format	Ident-Nr.
TV 1.78	**S16**	**K2.47034.0**
old style		**K2.47359.0**

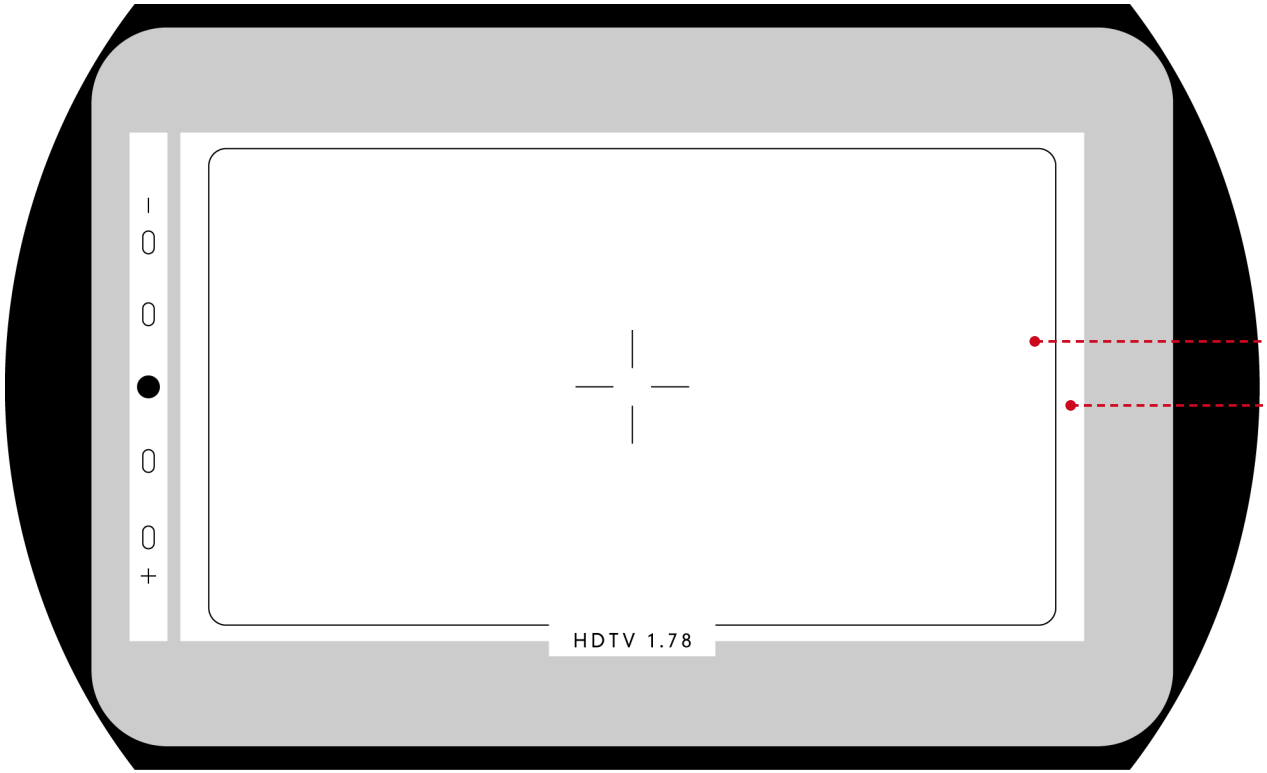
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

$12.35^{+0.02}$ 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 are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.78	**S16**	**K2.47785.0**
new style		**K2.65114.0**

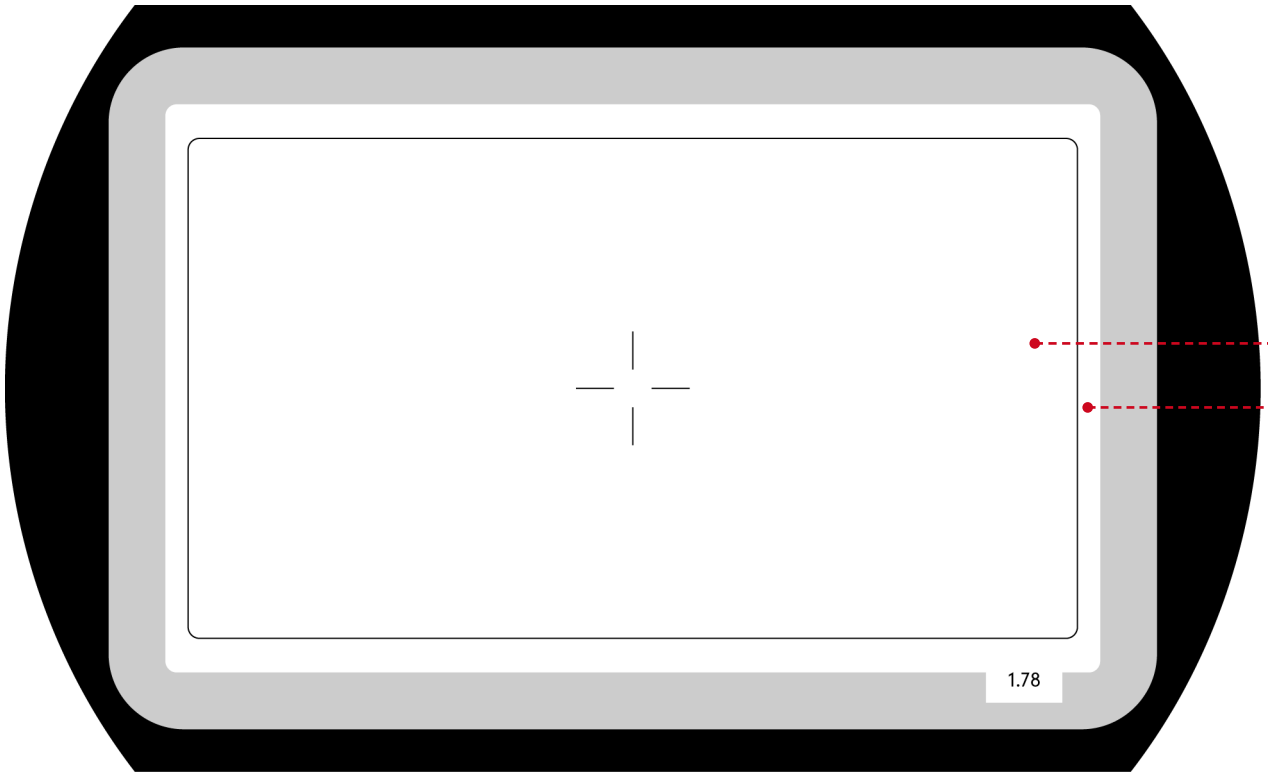
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 mm x 6.6 mm	TV transmitted (1.78)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.66/1.85 (S16) - TV 1.33/1.78	**S16**	**K2.47214.0**
old style		**K2.47360.0**

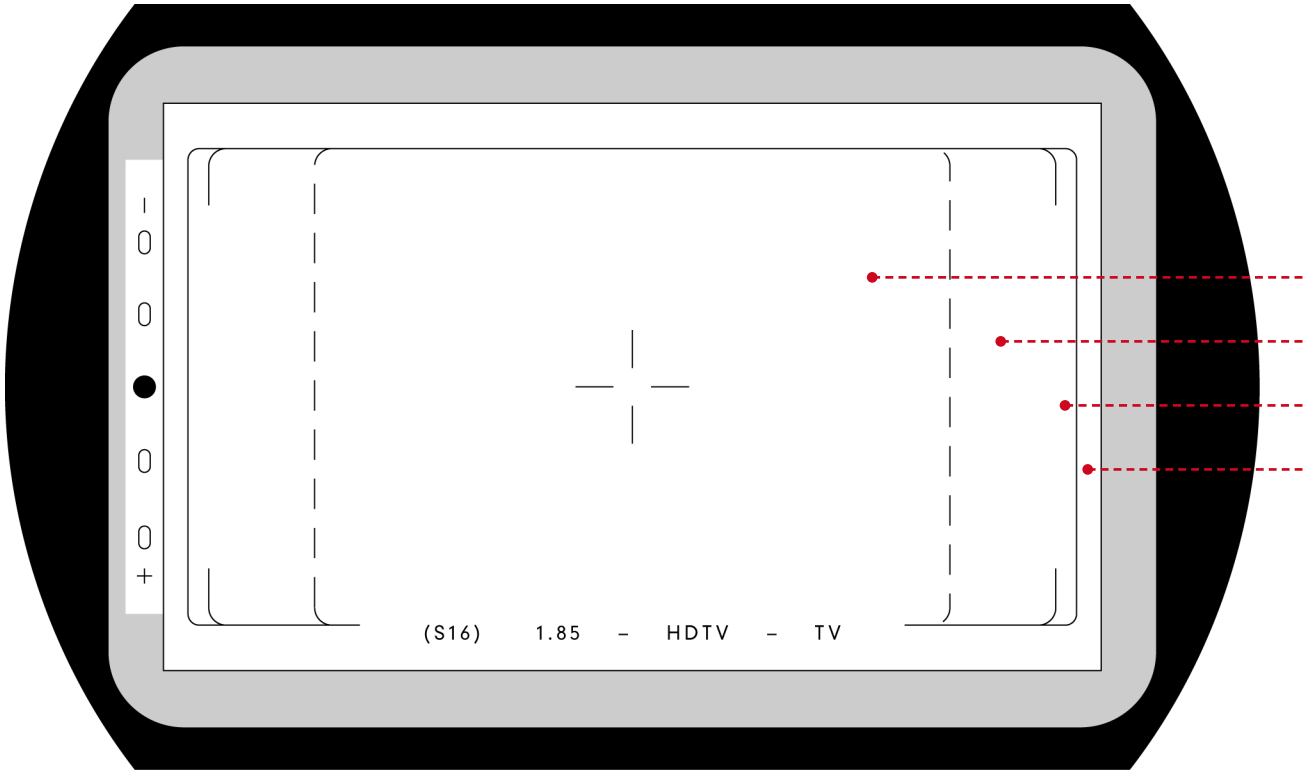
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
2.35 anamorphic	**S16**	**K2.47782.0**
new style		**K2.65111.0**

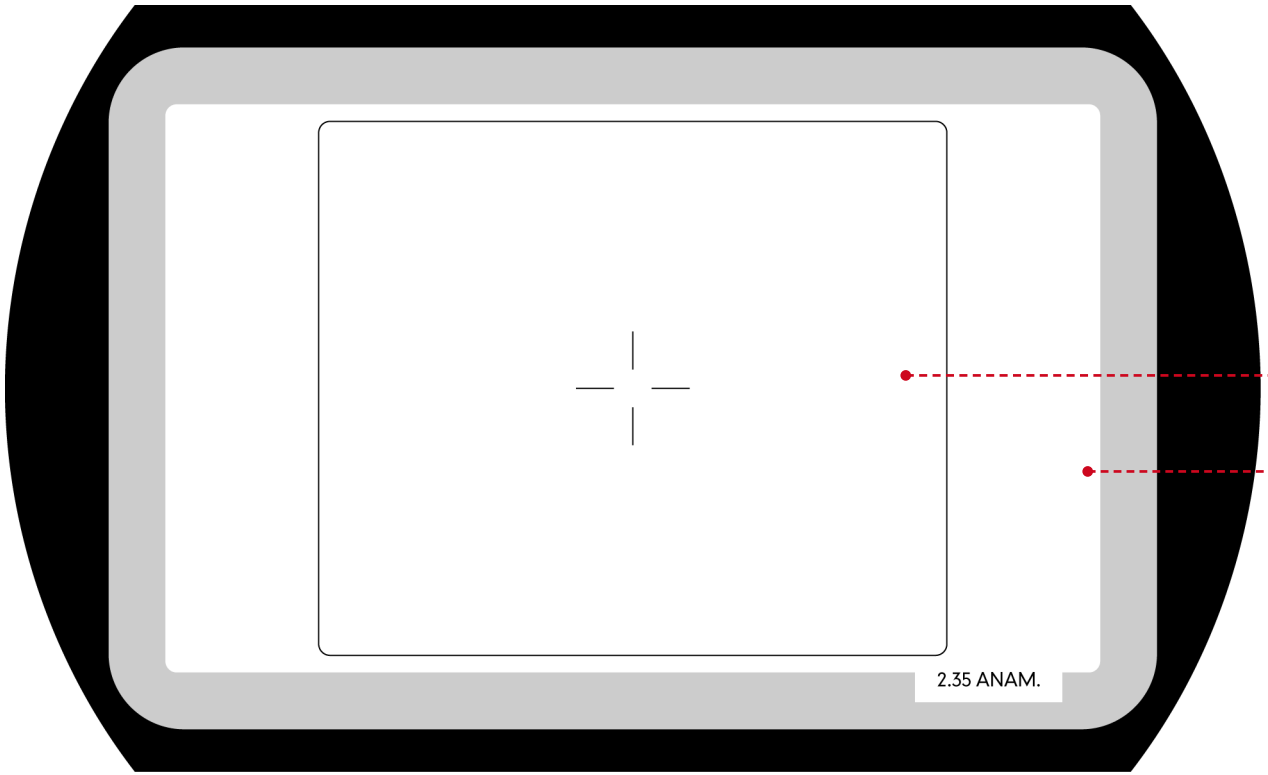
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

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

Ground Glass Marking Dimensions



8.3 mm x 7.05 mm	projected area (anamorphic 2.35)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.33 / 1.33 SAFE	**S16**	**K2.47783.0**
new style		**K2.65112.0**

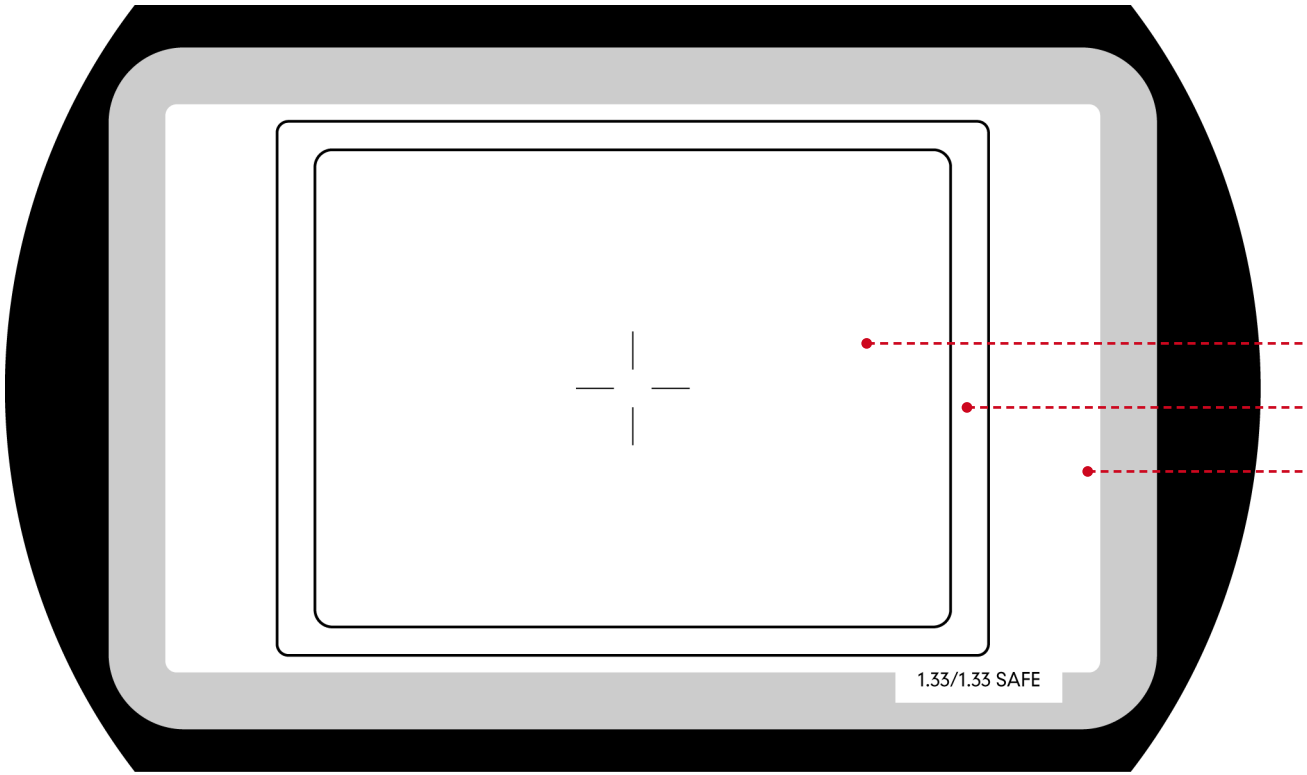
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

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

Ground Glass Marking Dimensions



8.4 mm x 6.3 mm	TV safe action (1.33)
9.4 mm x 7.05 mm	TV transmitted (1.33)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.78 / 1.55 SAFE / 1.33 SAFE / CGG	**S16**	**K2.47787.0**
new style		**K2.65116.0**

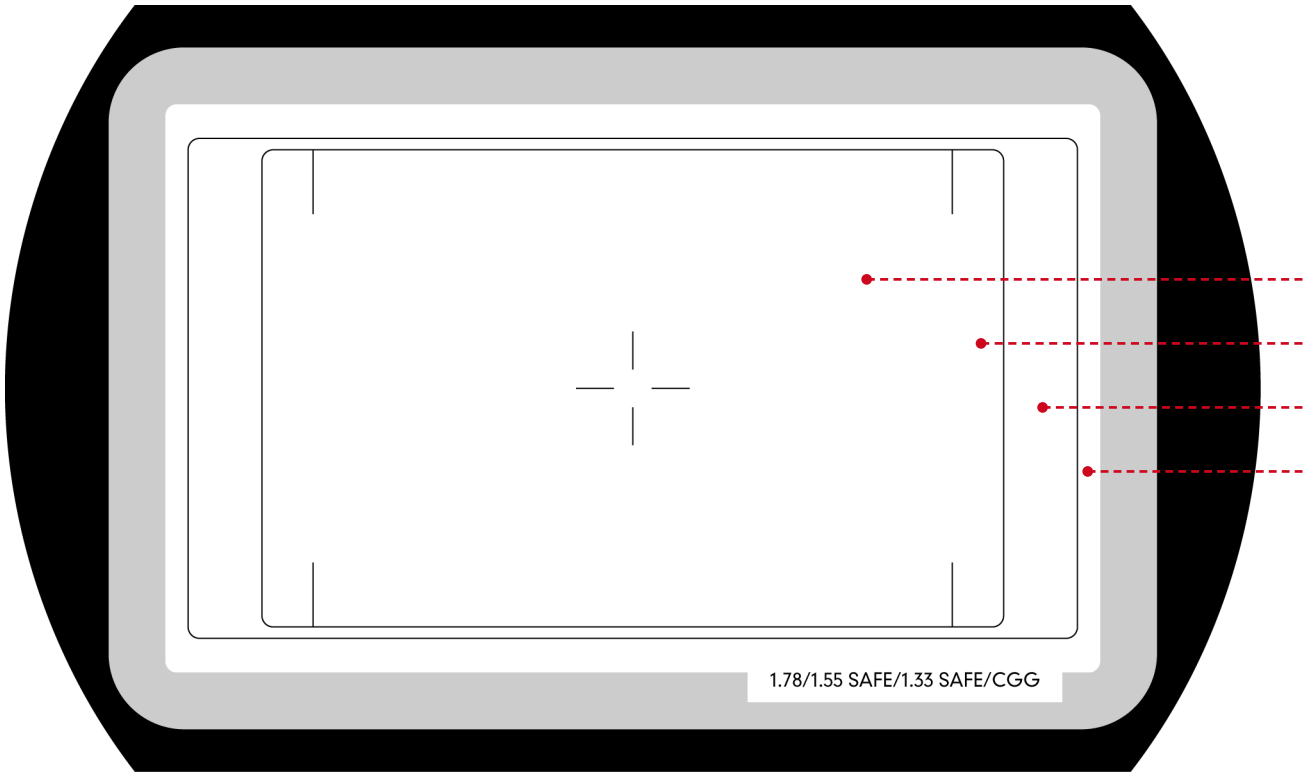
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 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 mm x 6.3 mm	TV safe action (1.33)
9.8 mm x 6.3 mm	TV safe action (1.55)
11.75 mm x 6.6 mm	TV transmitted (1.78)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.78 / 1.78 SAFE / 1.33 SAFE	**S16**	**K2.47788.0**
new style		**K2.65117.0**

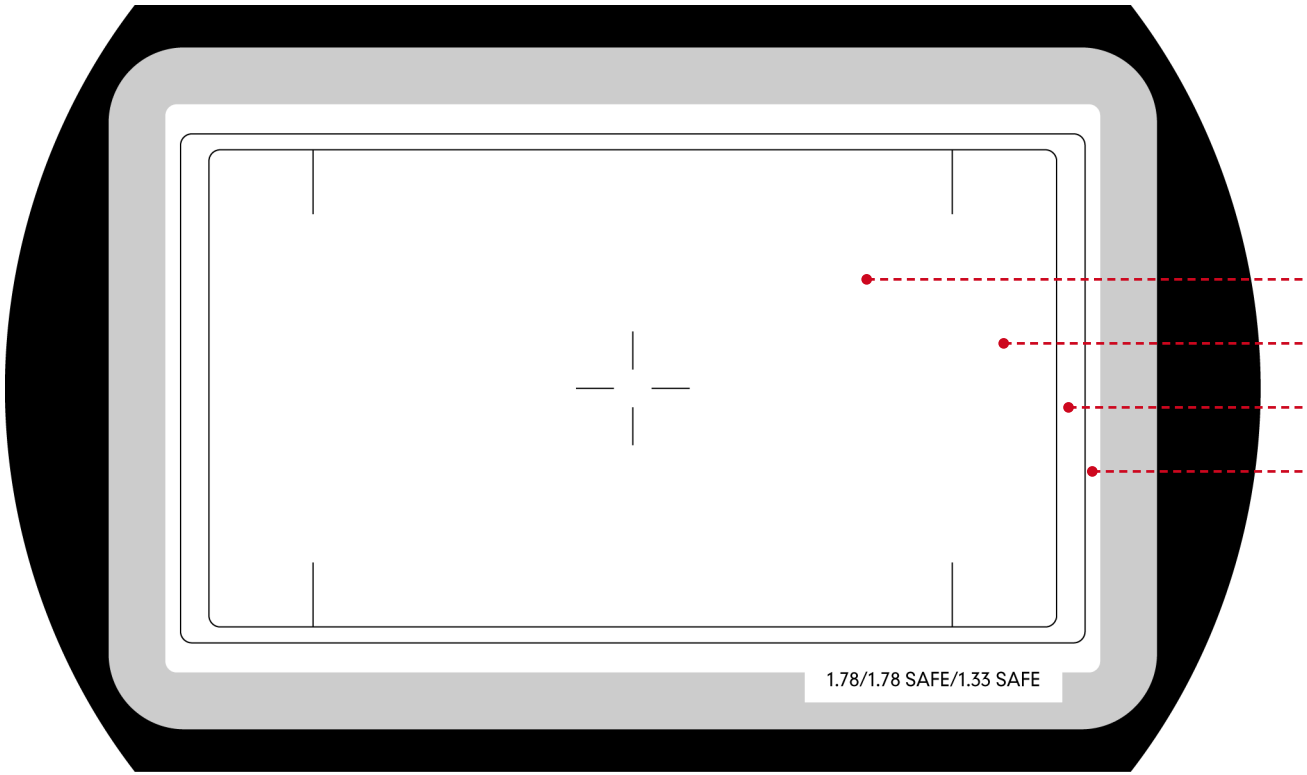
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

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

Ground Glass Marking Dimensions



8.4 mm x 6.3 mm	TV safe action (1.33)
11.2 mm x 6.3 mm	TV safe action (1.78)
11.95 mm x 6.72 mm	scanned area (1.78)
12.35 mm x 7.5 mm	camera aperture S16

drawing scale 10:1

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

Ground Glass Drawing	Format	Ident-Nr.
1.85 / 1.33 SAFE	**S16**	**K2.47789.0**
new style		**K2.65118.0**

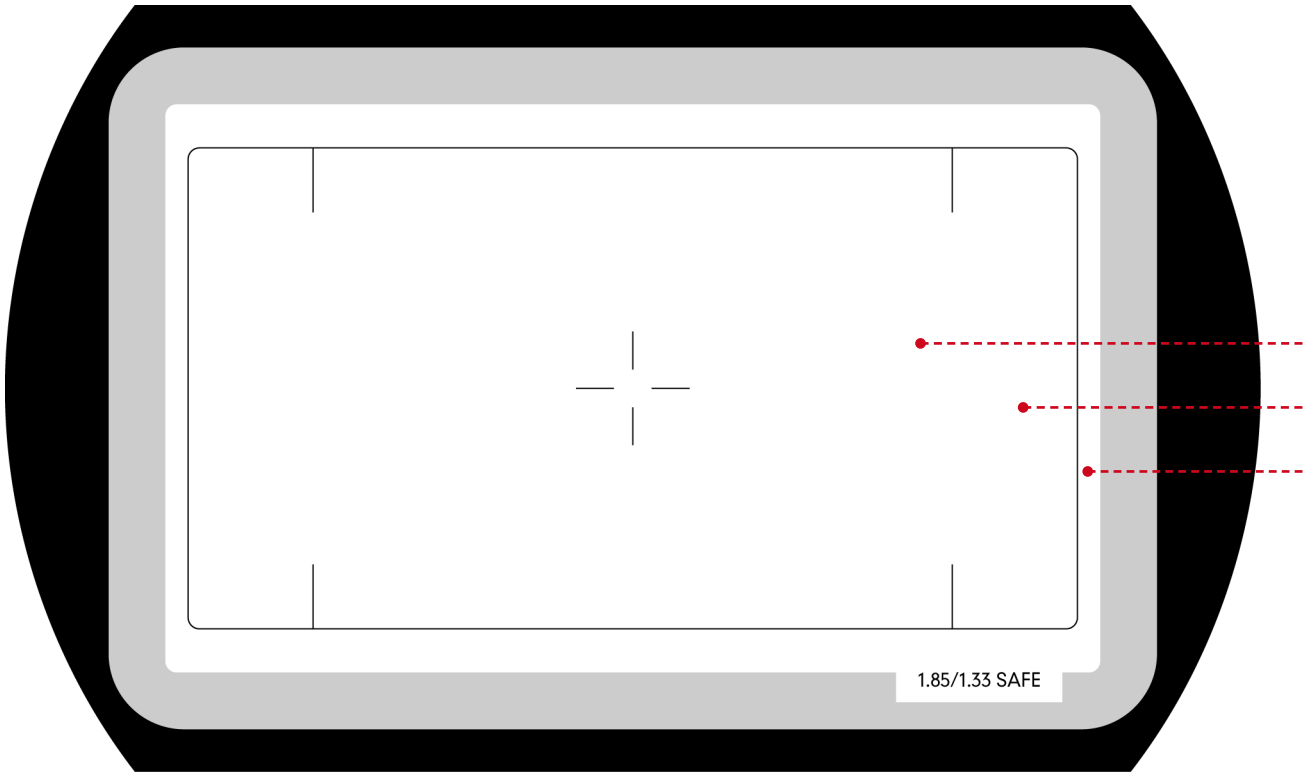
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

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

Ground Glass Marking Dimensions



8.4 mm x 6.3 mm (not shown)	TV safe action (1.33)
11.75 mm x 6.35 mm	projected area (1.85)
12.35 mm x 7.5 mm	camera aperture S16

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

drawing scale 10:1

Ground Glass Drawing	Format	Ident-Nr.
2.35	**S16**	**K2.47790.0**
new style		**K2.65119.0**

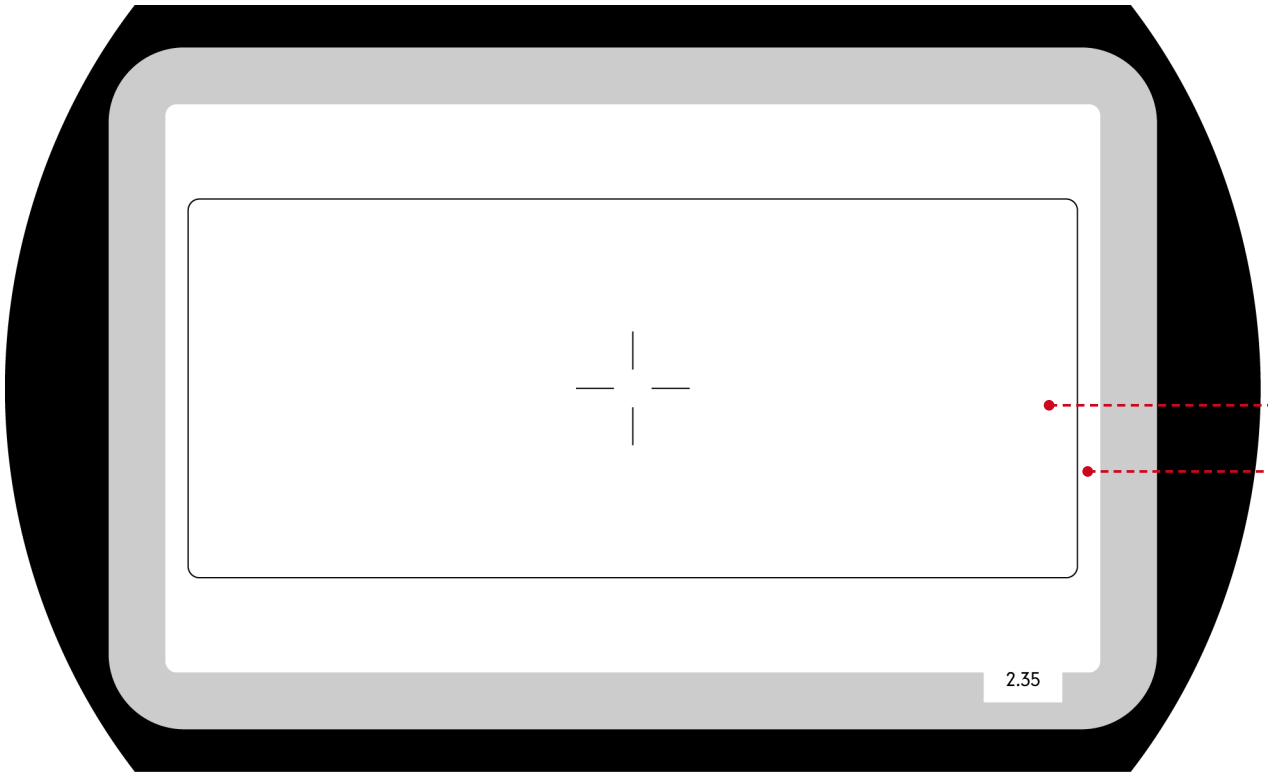
with exposure meter markings (for ARRIFLEX 16 SR 3)

without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

Correspondingly Exposed Neagative Area

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

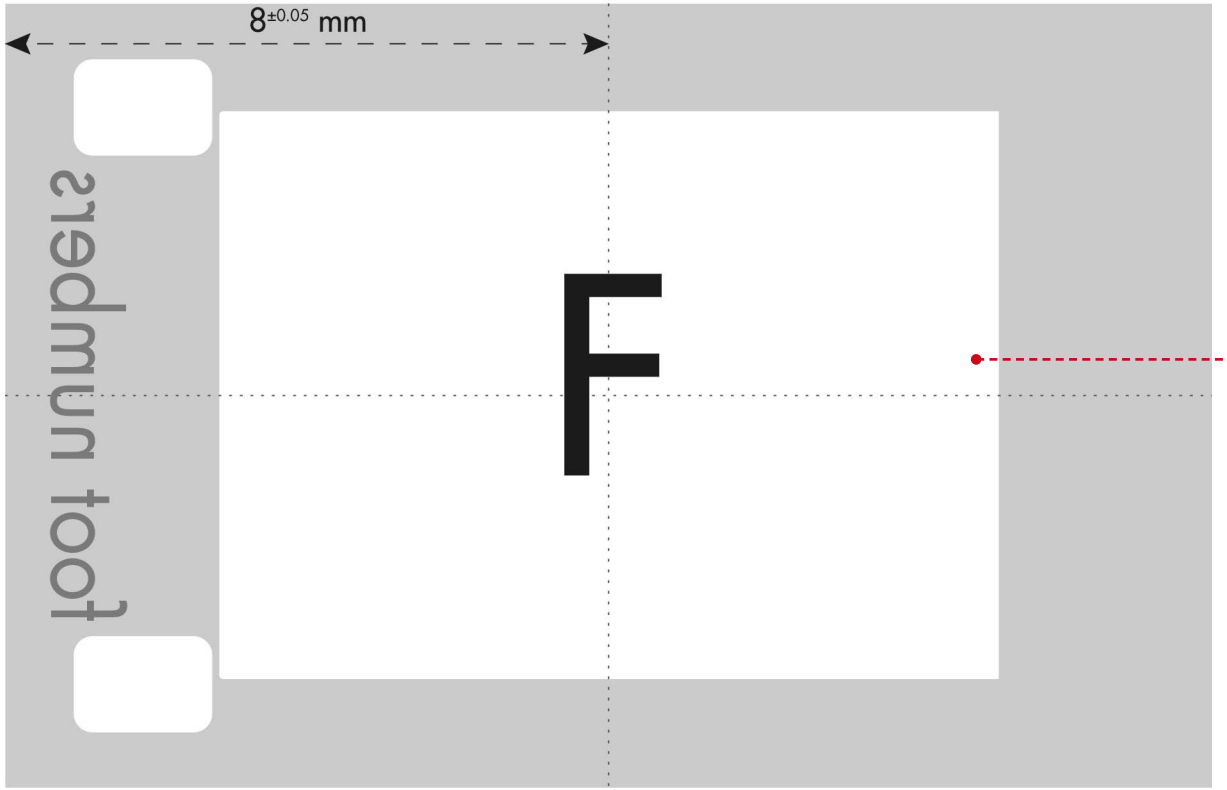
Ground Glass Marking Dimensions



11.75 mm x 5 mm	projected area (2.35)
12.35 mm x 7.5 mm	camera aperture S16

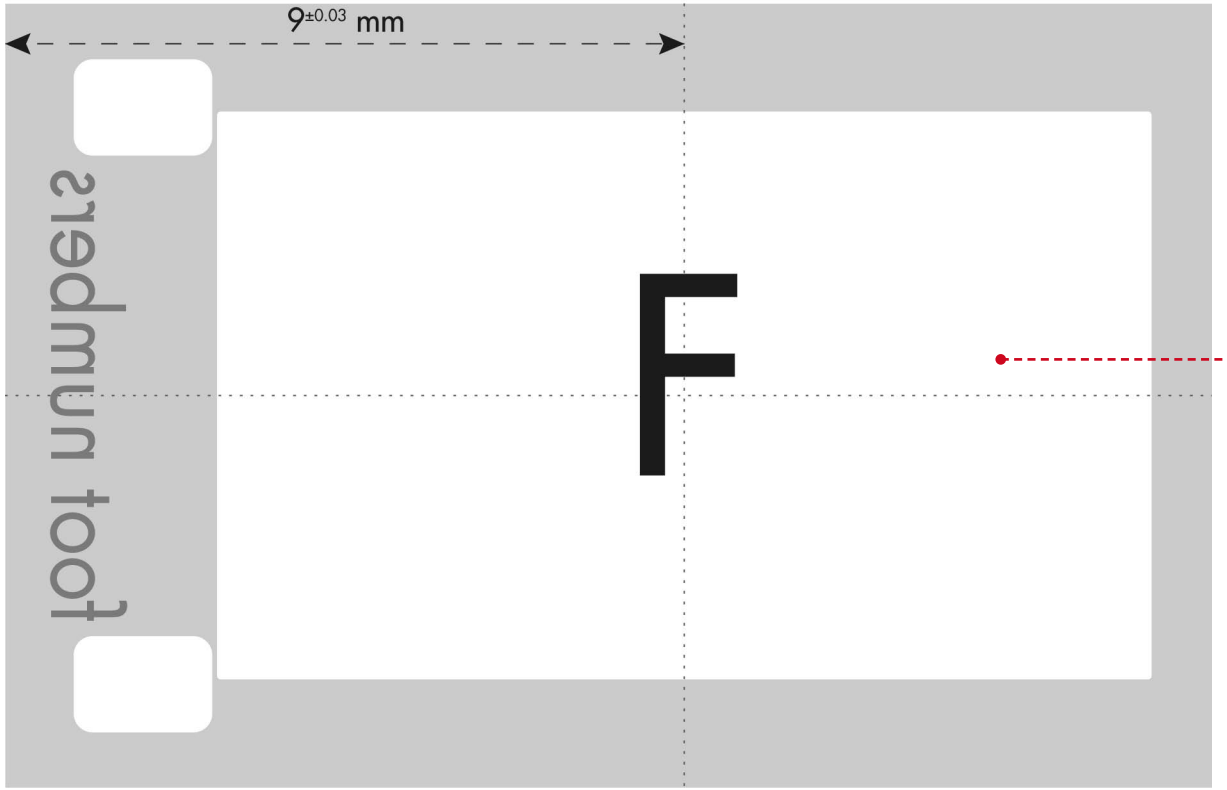
The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.

drawing scale 10:1



Exposed Negative Area

drawing scale 10:1



Exposed Negative Area

drawing scale 10:1

5. ARRI Service

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technical data are subject to change without notice