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

By K. Jacumet & J. Thieser

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.

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposed negative area</td>
<td>Image area on the negative film which is exposed in various aspect ratios and sizes according to international standards.</td>
</tr>
<tr>
<td>(camera aperture)</td>
<td></td>
</tr>
<tr>
<td>Scanned Area</td>
<td>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.</td>
</tr>
<tr>
<td>TV transmitted</td>
<td>Image area which is originally broadcasted but will not be entirely visible on home TV sets.</td>
</tr>
<tr>
<td>Projected area</td>
<td>Image area which is projected on cinema screens according to respective international standards.</td>
</tr>
<tr>
<td>TV safe action</td>
<td>Image area considered to be visible on every TV set.</td>
</tr>
<tr>
<td>TV safe title</td>
<td>Image area inside the TV safe action area in which titles can be expected to be displayed in optimum quality at the TV screen.</td>
</tr>
</tbody>
</table>

**DIN Super 35** (DIN S35)

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

**ANSI Super 35** (ANSI S35)

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

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

**3-Perforation Filming**

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

**Camera aperture + unexposed safety viewing space**
Area on the ground glass which is larger than the actually exposed negative area to enable viewing of incoming objects e.g. microphones on top and bottom of the frame.

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

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

**Format Masks**

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

Technical notes regarding this document:

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

In the PDF-file you may click on the drawings for further navigation!
<table>
<thead>
<tr>
<th>3.37 (Academy)</th>
<th>1.66</th>
<th>1.85</th>
<th>Scope (Factor 2) 2.35</th>
<th>TV 1.33 Safe (R 3.6 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM: —</td>
<td>ARRICAM: K2.54101.0</td>
<td>ARRICAM: K2.54103.0</td>
<td>ARRICAM: K2.54084.0</td>
<td></td>
</tr>
<tr>
<td>Glowmask ST: —</td>
<td>Glowmask ST: K2.54118.0</td>
<td>Glowmask ST: K2.54112.0</td>
<td>Glowmask ST: K2.54123.0</td>
<td></td>
</tr>
<tr>
<td>Glowmask LT: —</td>
<td>Glowmask LT: K2.54118.0</td>
<td>Glowmask LT: K2.54112.0</td>
<td>Glowmask LT: K2.54123.0</td>
<td></td>
</tr>
</tbody>
</table>

TV 1.33 Safe (R 0.5 mm)

<table>
<thead>
<tr>
<th>1.85 + 1.37</th>
<th>1.85 + 1.37 + TV 1.33 Safe</th>
<th>1.66 + 1.37</th>
<th>1.66 + 1.37 + TV 1.33 Safe</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM: K2.54100.0</td>
<td>ARRICAM: —</td>
<td>ARRICAM: K2.54059.0</td>
<td>ARRICAM: —</td>
</tr>
<tr>
<td>Glowmask ST: K2.54117.0</td>
<td>Glowmask ST: —</td>
<td>Glowmask ST: K2.54053.0</td>
<td>Glowmask ST: —</td>
</tr>
<tr>
<td>Glowmask LT: K2.54117.0</td>
<td>Glowmask LT: —</td>
<td>Glowmask LT: K2.54053.0</td>
<td>Glowmask LT: —</td>
</tr>
</tbody>
</table>

1.66 + TV 1.33 Safe

<table>
<thead>
<tr>
<th>1.85 + TV 1.33 Safe</th>
<th>1.85 + 1.66</th>
<th>TV 1.78 Trans</th>
<th>1.78 + 1.55 + 1.33 CGG</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM: —</td>
<td>ARRICAM: K2.54104.0</td>
<td>ARRICAM: K2.54102.0</td>
<td>ARRICAM: K2.54086.0</td>
</tr>
<tr>
<td>Glowmask ST: —</td>
<td>Glowmask ST: K2.54120.0</td>
<td>Glowmask ST: K2.54113.0</td>
<td>Glowmask ST: K2.54090.0</td>
</tr>
<tr>
<td>Glowmask LT: —</td>
<td>Glowmask LT: K2.54120.0</td>
<td>Glowmask LT: K2.54113.0</td>
<td>Glowmask LT: K2.54090.0</td>
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</table>

1.37 + TV 1.33 Safe

<table>
<thead>
<tr>
<th>3 P TV 1.33 Safe/Trans</th>
<th>*) Not Available Any More</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM: K2.54000.0</td>
<td>ARRICAM: K2.54062.0</td>
</tr>
<tr>
<td>Glowmask ST: K2.54051.0</td>
<td>Glowmask ST: K2.54056.0</td>
</tr>
<tr>
<td>Glowmask LT: K2.54051.0</td>
<td>Glowmask LT: K2.54056.0</td>
</tr>
</tbody>
</table>

*) Not available any more
### 3.2 DIN S35 – Ground Glass Template

<table>
<thead>
<tr>
<th>DIN S35</th>
<th>2.35 off center</th>
<th>DIN S35</th>
<th>1.85</th>
<th>DIN S35</th>
<th>2.35 + 1.85 common top</th>
<th>DIN S35</th>
<th>1.85 + TV 1.33 safe</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN S35</td>
<td>2.35 centric</td>
<td>DIN S35</td>
<td>TV 1.78 safe</td>
<td>DIN S35</td>
<td>TV 1.33 safe</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ARRICAM:</td>
<td>—</td>
<td>ARRICAM:</td>
<td>—</td>
<td>ARRICAM:</td>
<td>—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glowmask LT:</td>
<td>—</td>
<td>Glowmask LT:</td>
<td>—</td>
<td>Glowmask LT:</td>
<td>—</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3.3 ANSI S35 Ground Glass Template

### ANSI S35 Silent 1.33
- ARRICAM: $K2.54083.0$
- Glowmask ST: $K2.54119.0$
- Glowmask LT: $K2.54119.0$
- ARRIFLEX 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 common top
- 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 Marking Dimensions**

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>K2.44420.0</td>
<td>K5.42387.0</td>
</tr>
<tr>
<td>N/A</td>
<td>K2.47004.3</td>
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</tr>
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</table>

*) only Ground Glass

**ARRIFLEX 235/435/535**

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.42387.0</td>
</tr>
</tbody>
</table>

exposed negative area:
22 mm x 16 mm

**ARRIFLEX 235**

exposed negative area:
24.9 mm x 18.7 mm

**Capping Shutter Format Mask for ARRIFLEX 435**

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.52057.0</td>
</tr>
</tbody>
</table>

exposed negative area:
22 mm x 16 mm

**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
<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>ARRICAM ST and LT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Conversion Kit K2.54165.0</td>
</tr>
<tr>
<td></td>
<td>exposed negative area:</td>
</tr>
<tr>
<td></td>
<td>24.9 mm x 13.9 mm</td>
</tr>
<tr>
<td>ARRIFLEX 435</td>
<td>dedicated 3-perforation camera</td>
</tr>
<tr>
<td>ARRIFLEX 535/535B</td>
<td>Conversion Kit K4.47760.0</td>
</tr>
<tr>
<td></td>
<td>exposed negative area:</td>
</tr>
<tr>
<td></td>
<td>24.25 mm x 14 mm</td>
</tr>
<tr>
<td>ARRIFLEX 235</td>
<td>Conversion Kit K4.65170.0</td>
</tr>
<tr>
<td></td>
<td>exposed negative area:</td>
</tr>
<tr>
<td></td>
<td>24.9 mm x 13.9 mm</td>
</tr>
</tbody>
</table>

**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
- 22 mm x 13.2 mm (only Ground Glass)

**ARRICAM**

- K2.54101.0
- K2.54118.0

**ARRIFLEX 235*/435/535**

- K2.44420.A
- K2.47012.3

*) only Ground Glass

**ARRIFLEX 235**

- exposed negative area: 22 mm x 13.2 mm

**ARRIFLEX 435**

- exposed negative area: 24.9 mm x 18.7 mm

**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

---

tolerance for format markings on ground glass ±0.02 mm
ARRICAM

<table>
<thead>
<tr>
<th></th>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54103.0</td>
<td>K2.54112.0</td>
</tr>
</tbody>
</table>

ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th></th>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.44420.8</td>
<td>K2.47011.3</td>
</tr>
</tbody>
</table>

*) only Ground Glass

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 K2.47760.0
exposed negative area:
24.25 mm x 14 mm

ARRIFLEX 235:
Conversion Kit K4.460.0
exposed negative area:
24.9 mm x 13.9 mm

Capping Shutter Format Mask for ARRIFLEX 435

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.52061.0</td>
</tr>
</tbody>
</table>

exposed negative area:
22 mm x 11.9 mm

in preparation

Ground Glass Marking Dimensions

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>21 mm x 11.3 mm</td>
</tr>
</tbody>
</table>

= N35 projected area 1.85

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>22 mm x 11.9 mm</td>
</tr>
</tbody>
</table>

= camera aperture
with format mask K5.42391.0

tolerance for format markings on ground glass ±0.02 mm
<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.54084.0</td>
<td>K2.44420.C</td>
</tr>
<tr>
<td>K2.54123.0</td>
<td>K2.47006.3</td>
</tr>
</tbody>
</table>

*) only Ground Glass

**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

**Capping Shutter Format Mask for ARRIFLEX 435**

K2.52058.0
exposed negative area: 22 mm x 18.6 mm

**No 3-perforation operation possible!**

**ARRIFLEX 235**

exposed negative area: 24.9 mm x 18.7 mm

**No 3-perforation operation possible!**
### ARRICAM

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.42387.0</td>
</tr>
</tbody>
</table>

No 3-perforation operation possible!

### ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
<th>4-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.44420.D</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>K2.47013.5</td>
<td>K2.52057.0</td>
<td></td>
</tr>
</tbody>
</table>

*) only Ground Glass

Capping Shutter Format Mask for ARRIFLEX 435

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.42387.0</td>
</tr>
</tbody>
</table>

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
<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Frameglow</th>
<th>4-Performation</th>
<th>3-Performation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>K2.54100.0</td>
<td>K2.54117.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.41200.E</td>
<td>K2.47010.3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*) only Ground Glass

no longer available

No 3-perforation operation possible!

Exposed negative area:

ARRIFLEX 235
- 24.9 mm x 18.7 mm

ARRIFLEX 435
- 22 mm x 16 mm

Capping Shutter Format Mask for ARRIFLEX 435

K2.52057.0
- Exposed negative area: 22 mm x 16 mm

No 3-perforation operation possible!

<table>
<thead>
<tr>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.1 mm x 13.6 mm = N35 TV 1.33 safe action (4:3)</td>
</tr>
<tr>
<td>20.2 mm x 15.2 mm = N35 TV 1.33 transmitted (4:3)</td>
</tr>
<tr>
<td>22 mm x 16 mm = Camera aperture with format mask K5.42387.0</td>
</tr>
</tbody>
</table>

Tolerance for format markings on ground glass ±0.02 mm
**ARRICAM**

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**ARRIFLEX 235*/435/535**

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>4-Perforation</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.44420.K</td>
<td>K2.46435.3</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*) only Ground Glass

**Ground Glass Marking Dimensions**

<table>
<thead>
<tr>
<th>21 mm x 11.3 mm</th>
<th>= N35 projected area 1.85</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 mm x 15.2 mm</td>
<td>= N35 projected area 1.37</td>
</tr>
<tr>
<td>22 mm x 16 mm</td>
<td>= camera aperture</td>
</tr>
<tr>
<td></td>
<td>with format mask K5.42387.0</td>
</tr>
</tbody>
</table>

**Capping Shutter Format Mask for ARRIFLEX 435**

<table>
<thead>
<tr>
<th>K2.52057.0</th>
</tr>
</thead>
</table>

exposed negative area: 22 mm x 16 mm

No 3-perforation operation possible!

**Exposed Negative Area**

- **ARRIFLEX 235**
  - 24.9 mm x 18.7 mm

- **ARRIFLEX 435**
  - 22 mm x 16 mm

**Reproduction Scale**

- 5:1

**Tolerance for Format Markings on Ground Glass**

±0.02 mm
### ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54059.0</td>
<td>K2.54053.0</td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.44420.1</td>
<td>K2.47055.5</td>
</tr>
</tbody>
</table>

*) only Ground Glass

### Ground Glass Marking Dimensions

<table>
<thead>
<tr>
<th>Negative Area</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRIFLEX 235</td>
<td>18.1 mm x 13.6 mm = N35 TV 1.33 safe action (4:3)</td>
</tr>
<tr>
<td>ARRIFLEX 435/535</td>
<td>21 mm x 11.3 mm = N35 projected area 1.85</td>
</tr>
<tr>
<td></td>
<td>21 mm x 15.2 mm = N35 projected area 1.37</td>
</tr>
<tr>
<td></td>
<td>22 mm x 16 mm = camera aperture with format mask K5.42387.0</td>
</tr>
</tbody>
</table>

### Capping Shutter Format Mask for ARRIFLEX 435

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>K2.52057.0</td>
<td></td>
</tr>
</tbody>
</table>

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.
### ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Glass</td>
<td>N/A</td>
<td>K2.44420.M</td>
</tr>
<tr>
<td>Frameglow</td>
<td>N/A</td>
<td>K2.47058.3</td>
</tr>
</tbody>
</table>

*) only Ground Glass

**Ground Glass Marking Dimensions**

<table>
<thead>
<tr>
<th>21 mm x 12.65 mm</th>
<th>= N35 projected area 1.66</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 mm x 15.2 mm</td>
<td>= N35 projected area 1.37</td>
</tr>
<tr>
<td>22 mm x 16 mm</td>
<td>= camera aperture with format mask K5.42387.0</td>
</tr>
</tbody>
</table>

---

**Capping Shutter Format Mask for ARRIFLEX 435**

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>ARRIFLEX 435</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.42387.0</td>
<td>exposed negative area: 22 mm x 16 mm</td>
</tr>
</tbody>
</table>

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**Tolerance for format markings on ground glass ±0.02 mm**

© ARRI
### Ground Glass Marking Dimensions

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.54058.0</td>
<td>K2.44420.N</td>
<td>K2.47057.5</td>
</tr>
</tbody>
</table>

*) only Ground Glass

---

### Capping Shutter Format Mask for ARRIFLEX 435

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>ARRIFLEX 235</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.42387.0</td>
<td>exposed negative area: 22 mm x 16 mm</td>
</tr>
</tbody>
</table>

---

### 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

---

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

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>K2.44420.P</td>
</tr>
<tr>
<td></td>
<td>K2.47016.5</td>
</tr>
</tbody>
</table>

*) only Ground Glass

K5.42387.0
exposed negative area:
22 mm x 16 mm

ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

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

No 3-perforation operation possible!

Capping Shutter Format Mask for ARRIFLEX 435

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

No 3-perforation operation possible!

Ground Glass Marking Dimensions

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

21 mm x 12.65 mm = N35 projected area 1.66

22 mm x 16 mm = camera aperture with format mask K5.42387.0

tolerance for format markings on ground glass ±0.02 mm
<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54104.0</td>
<td>K2.54120.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18.1 mm x 13.6 mm = N35 TV 1.33 safe action (4:3)</td>
</tr>
<tr>
<td></td>
<td>21 mm x 11.3 mm = N35 projected area 1.85</td>
</tr>
<tr>
<td></td>
<td>22 mm x 16 mm = camera aperture with format mask K5.42387.0</td>
</tr>
</tbody>
</table>

Capping Shutter Format Mask for ARRIFLEX 435

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.42387.0</td>
</tr>
</tbody>
</table>

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!

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

No 3-perforation operation possible!

© ARRI
ARRICAM

N/A

ARRIFLEX 235*/435/535

K2.44420.V

K2.47017.3

*) only Ground Glass

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

ARRICAM ST and LT:
not available

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

© ARRI

drawing scale 5:1
### Ground Glass Marking Dimensions

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Format Mask</th>
<th>Exposed Negative Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54102.0</td>
<td>22 mm x 13.2 mm</td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.44420.X</td>
<td>21 mm x 11.8 mm = N35 TV 1.78 transmitted (16:9)</td>
</tr>
<tr>
<td>ARRIFLEX 235</td>
<td>K2.47007.3</td>
<td>22 mm x 13.45 mm = camera aperture with format mask K5.42390.0 + unexposed safety viewing space</td>
</tr>
<tr>
<td>ARRICAM ST and LT:</td>
<td>Conversion Kit K2.54165.0</td>
<td>exposed negative area: 24.9 mm x 13.9 mm</td>
</tr>
<tr>
<td>ARRIFLEX 435:</td>
<td>dedicated 3-perforation camera</td>
<td></td>
</tr>
<tr>
<td>ARRIFLEX 535/535B:</td>
<td>Conversion Kit K4.47760.0</td>
<td>exposed negative area: 24.25 mm x 14 mm</td>
</tr>
<tr>
<td>ARRIFLEX 235:</td>
<td>Conversion Kit K4.65170.0</td>
<td>exposed negative area: 24.9 mm x 13.9 mm</td>
</tr>
</tbody>
</table>

### 4-Perforation

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Format Mask</th>
<th>Exposed Negative Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.4113.0</td>
<td>22 mm x 13.45 mm</td>
</tr>
<tr>
<td>ARRIFLEX 235</td>
<td>K5.42390.0</td>
<td>22 mm x 13.45 mm</td>
</tr>
</tbody>
</table>

### Capping Shutter Format Mask for ARRIFLEX 435

<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Exposed Negative Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.52060.0</td>
<td>22 mm x 13.2 mm</td>
</tr>
</tbody>
</table>

### Tolerance for Format Markings on Ground Glass

±0.02 mm
**ARRICAM**

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.54086.0</td>
<td>K2.54090.0</td>
</tr>
</tbody>
</table>

**ARRIFLEX 235*/435/535**

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.41200.D</td>
<td>K2.47283.3</td>
</tr>
</tbody>
</table>

*) only Ground Glass

**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**

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

tolerance for format markings on ground glass ±0.02 mm
### ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54000.0</td>
<td>K2.54051.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>Capping Shutter Format Mask for ARRIFLEX 435</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ARRIFLEX 235*</th>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18.1 mm x 13.6 mm = N35 TV 1.33 safe action (4:3)</td>
</tr>
<tr>
<td></td>
<td>21 mm x 15.2 mm = N35 projected area 1.37</td>
</tr>
<tr>
<td></td>
<td>22 mm x 16 mm = camera aperture with format mask K5.42387.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>K5.42387.0</td>
</tr>
</tbody>
</table>

exposed negative area:
22 mm x 16 mm

**ARRIFLEX 35**
exposed negative area:
24.9 mm x 18.7 mm

---

**Warning:** No 3-perforation operation possible!
<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>4-Perforation</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ground Glass</strong></td>
<td><strong>Frameglow</strong></td>
<td><strong>Format-Mask</strong></td>
</tr>
<tr>
<td><strong>ARRICAM</strong></td>
<td>K2.54062.0</td>
<td>N/A</td>
</tr>
<tr>
<td>K2.54056.0</td>
<td>N/A</td>
<td><strong>No 4-perforation operation possible!</strong></td>
</tr>
</tbody>
</table>

*) only Ground Glass

<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>4-Perforation</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ground Glass Marking Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.55 mm x 11.68 mm = N35 3 perforation TV 1.33 safe action (4:3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17.27 mm x 12.98 mm = N35 3 perforation TV 1.33 transmitted (4:3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22 mm x 13.9 mm = extended viewing space</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 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!**

**Drawing scale 5:1**
<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>4-Perforation</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Glass</td>
<td>Frameglow</td>
<td>Format-Mask</td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.44420.E</td>
<td>K5.42392.0</td>
</tr>
<tr>
<td>N/A</td>
<td>exposed negative area: 24 mm x 18 mm</td>
<td>exposed negative area: 24.9 mm x 18.7 mm</td>
</tr>
<tr>
<td>ARRICAM</td>
<td>K2.47005.3</td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*) only Ground Glass

Capping Shutter Format Mask for ARRIFLEX 435

<table>
<thead>
<tr>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.5 mm x 17.63 mm = DIN S35 projected area 1.33</td>
</tr>
<tr>
<td>25 mm x 19 mm = camera aperture with format mask K5.42392.0 + unexposed safety viewing space</td>
</tr>
</tbody>
</table>

Tolerance for format markings on ground glass ±0.02 mm
### ARRICAM

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.44420.F</td>
<td>K2.47018.3</td>
</tr>
</tbody>
</table>

*) only Ground Glass

### Format-Mask

**ARRICAM ST and LT:**
not available

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

**ARRIFLEX 235**
exposed negative area:
24.9 mm x 18.7 mm

**ARRIFLEX 535/535B:**
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
ARRICAM

N/A

ARRIFLEX 235*/435/535

K2.44420.G

K2.47009.3

*) only Ground Glass

ARRICAM ST and LT:
not available

ARRIFLEX 435:
dedicated 3-perforation camera
ARRIFLEX 535/535B:
Conversion Kit K4.460.0
exposed negative area:
24.25 mm x 14 mm
ARRIFLEX 235:
exposed negative area:
24.9 mm x 18.7 mm

ARRIFLEX 235:
Conversion Kit K4.650.0
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

ARRIFLEX 235

exposed negative area:
24 mm x 13 mm

ARRIFLEX 435

exposed negative area:
24 mm x 13 mm
DIN S35  2.35 + 1.85 common top

**ARRICAM**

<table>
<thead>
<tr>
<th>Ground Glass</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

**ARRIFLEX 235*/435/535**

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.44420.H</td>
</tr>
</tbody>
</table>

*) only Ground Glass

**ARRIFLEX 235:****

exposed negative area:
24 mm x 13 mm

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

in preparation

**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

**ARRICAM ST and LT:**

not available

**Capping Shutter Format Mask for ARRIFLEX 435**

K2.52064.0

exposed negative area:
24 mm x 13 mm

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

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Frameglow</th>
<th>4-Peroration</th>
<th>3-Peroration</th>
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<tr>
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<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.44420.1</td>
<td>K2.47059.3</td>
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<td></td>
</tr>
<tr>
<td>*) only Ground Glass</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Capping Shutter Format Mask for ARRIFLEX 435**

| K2.52067.0 | exposed negative area: | 24 mm x 14.4 mm |
| No 3-perforation operation possible! |

**Format-Mask**

| K5.41476.0 | 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

---

drawing scale 5:1  

© ARRI
**DIN S35  2.35 centric**

### ARRICAM

<table>
<thead>
<tr>
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</tr>
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### ARRIFLEX 235*/435/535

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</thead>
<tbody>
<tr>
<td>K2.44420.W</td>
</tr>
<tr>
<td>K2.47035.3</td>
</tr>
</tbody>
</table>

*) only Ground Glass

### ARRIFLEX 435

**K5.42393.0**

exposed negative area:
24 mm x 10.5 mm

**ARRIFLEX 235**

exposed negative area:
24.9 mm x 18.7 mm

**ARRIFLEX 535/535B:**

Conversion Kit K4.460.0

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

### ARRIFLEX ST and LT:

Not available

### ARRIFLEX 35:

dedicated 3-perforation camera

### 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
<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Frameglow</th>
<th>4-Perforation</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td>ARRICAM ST and LT not available</td>
<td></td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.44420.2</td>
<td>K2.47008.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*) only Ground Glass</td>
<td></td>
<td></td>
<td>ARRIFLEX 435: dedicated 3-perforation camera ARRIFLEX 535/535B: Conversion Kit K4.460.0 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</td>
<td></td>
</tr>
</tbody>
</table>

**Capping Shutter Format Mask for ARRIFLEX 435**

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

**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.
<table>
<thead>
<tr>
<th>Format-Mask</th>
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</thead>
<tbody>
<tr>
<td><strong>ARRICAM</strong></td>
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<td><em><em>ARRIFLEX 235</em>/435/535</em>*</td>
</tr>
<tr>
<td>K2.41200.F</td>
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</table>

*) only Ground Glass

<table>
<thead>
<tr>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.5 mm x 16.9 mm = DIN S35 TV 1.33 safe action (4:3)</td>
</tr>
<tr>
<td>25 mm x 19 mm = camera aperture with format mask K5.42392.0 + unexposed safety viewing space</td>
</tr>
</tbody>
</table>

tolerance for format markings on ground glass ±0.02 mm
ANSI S35 Silent 1.33

---

**Ground Glass**

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>K2.54083.0</th>
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<tbody>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47433.0</td>
</tr>
<tr>
<td></td>
<td>K2.54419.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

---

**Frameglow**

<table>
<thead>
<tr>
<th></th>
<th>K2.54419.0</th>
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</thead>
<tbody>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47434.0</td>
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**4-Perforation**

<table>
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<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.54352.0</td>
</tr>
</tbody>
</table>

exposed negative area
24.9 mm x 18.7 mm

**ARRIFLEX 235**

exposed negative area:
24.9 mm x 18.7 mm

---

**3-Perforation**

* 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 |

---

drawing scale 5:1

© ARRI
## ARRIFLEX 235*/435/535

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
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</thead>
<tbody>
<tr>
<td>K2.54105.0</td>
<td>K2.47413.0</td>
</tr>
<tr>
<td>K2.54121.0</td>
<td>K2.47425.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

### Ground Glass Marking Dimensions

- **ARRIFLEX 235**
  - Exposed negative area: 24.9 mm x 18.7 mm

### 4-Perforation

- **Format Mask**
  - K5.54352.0
  - Exposed negative area: 24.9 mm x 18.7 mm

### 3-Perforation

- **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

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Format-Mask</th>
</tr>
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<tbody>
<tr>
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<td>K2.54106.0</td>
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</tr>
<tr>
<td></td>
<td>K2.54122.0</td>
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<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47414.0</td>
<td>K5.59775.0</td>
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<tr>
<td></td>
<td>K2.47426.0</td>
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</table>

*) only Ground Glass

<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.59775.0</td>
</tr>
</tbody>
</table>

exposed negative area
24.9 mm x 14.4 mm

ARRIFLEX 235
exposed negative area:
24.9 mm x 18.7 mm

Capping Shutter Format Mask for ARRIFLEX 435

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

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
### ANSI S35 TV 1.78 + 1.33 trans

#### Ground Glass Marking Dimensions

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>4-Perforation</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54060.0</td>
<td>K2.54054.0</td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47410.0</td>
<td>K2.47422.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

- **ARRIFLEX 235*/435/535**
  - exposed negative area: 24.9 mm x 14.4 mm
  - **ARRIFLEX 235**
    - exposed negative area: 24.9 mm x 18.7 mm

#### Capping Shutter Format Mask for ARRIFLEX 435

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

- **K5.59775.0**
  - exposed negative area: 24.9 mm x 14.4 mm
  - No 3-perforation operation possible!

- No Time Code exposure with ARRIFLEX 435/535

#### Ground Glass Marking Dimensions

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

Tolerance for format markings on ground glass ±0.02 mm
ANSI S35  TV 1.78 safe

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Frameglow</th>
<th>4-Peroration</th>
<th>3-Peroration</th>
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<tbody>
<tr>
<td></td>
<td>K2.54107.0</td>
<td>K2.54115.0</td>
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<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47415.0</td>
<td>K2.47427.0</td>
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*) only Ground Glass

<table>
<thead>
<tr>
<th>Ground Glass Marking Dimensions</th>
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</thead>
<tbody>
<tr>
<td>23 mm x 12.94 mm = ANSI S35 TV 1.78 safe action (16:9)</td>
</tr>
<tr>
<td>24.9 mm x 14.4 mm = camera aperture with format mask K5.59775.0</td>
</tr>
</tbody>
</table>

No Time Code exposure with ARRIFLEX 435/535

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!

No 3-perforation operation possible!

No Time Code exposure with ARRIFLEX 435/535
ANSI S35  1.78 + 1.55 + 1.33 CGG

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Frameglow</th>
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</thead>
<tbody>
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<table>
<thead>
<tr>
<th>ARRIFLEX 235*/435/535</th>
<th>Ground Glass</th>
<th>Frameglow</th>
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<tbody>
<tr>
<td>K2.47419.0</td>
<td>K2.47431.0</td>
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*) only Ground Glass

**Format-Mask**

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<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.59775.0</td>
<td></td>
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</tbody>
</table>

exposed negative area: 24.9 mm x 14.4 mm

**ARRIFLEX 235**

exposed negative area: 24.9 mm x 18.7 mm

**Ground Glass Marking Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Format</th>
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</thead>
<tbody>
<tr>
<td>16.8 mm x 12.56 mm</td>
<td>ANSI S35 1.33</td>
</tr>
<tr>
<td>19.2 mm x 12.56 mm</td>
<td>ANSI S35 1.55</td>
</tr>
<tr>
<td>24 mm x 13.5 mm</td>
<td>ANSI S35 TV 1.78 transmitted (16:9)</td>
</tr>
<tr>
<td>24.9 mm x 14.4 mm</td>
<td>camera aperture with format mask K5.59775.0</td>
</tr>
</tbody>
</table>

No Time Code exposure with ARRIFLEX 435/535

No 3-perforation operation possible!

No 3-perforation operation possible!

No Time Code exposure with ARRIFLEX 435/535

No 3-perforation operation possible!
**ANSI S35 1.85**

<table>
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<th>Ground Glass</th>
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<th>3-Perforation</th>
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<td>K2.54108.0</td>
<td>K2.54114.0</td>
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<td>K2.47409.0</td>
<td>K2.47421.0</td>
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</tr>
</tbody>
</table>

*) only Ground Glass

**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

**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

**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

⚠️ No Time Code exposure with ARRIFLEX 435/535

**Format-Mask**

ARRIFLEX 235:
exposed negative area: 24.9 mm x 18.7 mm

ARRIFLEX 535/535B:
exposed negative area: 24.9 mm x 14 mm

ARRIFLEX 435:
exposed negative area: 24.9 mm x 13.9 mm

Drawing scale 5:1

Tolerance for format markings on ground glass ±0.02 mm
ANSI S35  2.35 + 1.85 + TV 1.33 Trans

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>2.54061.0</th>
<th>2.54055.0 for ST</th>
<th>2.54094.0 for LT</th>
</tr>
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<tbody>
<tr>
<td>Capping Shutter Format Mask for ARRIFLEX 435</td>
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<tr>
<td>K5.59774.0</td>
<td>exposed negative area</td>
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<td></td>
</tr>
<tr>
<td>24.9 mm x 13.9 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARRIFLEX 235</td>
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<tr>
<td>exposed negative area:</td>
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<td></td>
</tr>
<tr>
<td>24.9 mm x 18.7 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

No Time Code exposure with ARRIFLEX 435/535

Ground Glass Marking Dimensions

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

*Note: ANSI S35 TV 1.33 transmitted area = 17.93 mm x 13.5 mm second line not shown for better readability

tolerance for format markings on ground glass ±0.02 mm
ANSI S35  2.35 centric

Ground Glass  Frameglow

<table>
<thead>
<tr>
<th>ARRICAM</th>
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<tbody>
<tr>
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<td>K2.54092.0</td>
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<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47416.0</td>
<td>K2.47428.0</td>
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<tr>
<td>(*) only Ground Glass</td>
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<table>
<thead>
<tr>
<th>Format-Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5.59773.0</td>
</tr>
<tr>
<td>exposed negative area 24.9 mm x 11.1 mm</td>
</tr>
</tbody>
</table>

**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

⚠️ **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

drawing scale 5:1

© ARRI
tolerance for format markings on ground glass ±0.02 mm
<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>Ground Glass</th>
<th>Frameglow</th>
<th>Format-Mask</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47417.0</td>
<td>K2.47429.0</td>
<td>K5.59776.0</td>
<td>(*) only Ground Glass</td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>24.9 mm x 13.9 mm</td>
<td>24.9 mm x 18.7 mm</td>
<td>24.9 mm x 13.9 mm</td>
<td>No 3-perforation operation possible!</td>
</tr>
<tr>
<td>ANSI 235 2.35 + 1.85 1/4 offset</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

No Time Code exposure with ARRIFLEX 435/535

No 3-perforation operation possible!
ANSI S35  2.35 + 1.85 centric

**Ground Glass Marking Dimensions**

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

Centric

Tolerance for format markings on ground glass ±0.02 mm

---

**Ground Glass**

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Format-Mask</th>
<th>Frameglow</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54087.0</td>
<td>K2.54091.0</td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47420.0</td>
<td>K2.47432.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

---

**4-Perforation**

- ARRIFLEX 435:
  - Dedicated 3-perforation camera
  - Film gate for ANSI K2.47374.0

**3-Perforation**

- ARRIFLEX 235:
  - Film gate for ANSI K2.47375.0

---

**ARRICAM ST and LT**

Conversion Kit K2.54165.0
- Exposed negative area: 24.9 mm × 13.9 mm

---

**Capping Shutter Format Mask for ARRIFLEX 435**

- K2.52244.0
  - Exposed negative area: 24.9 mm × 13.9 mm

---

**No Time Code exposure with ARRIFLEX 435/535**
### ANSI S35 2.35 + 1.85 common top

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Glass</td>
<td>Ground Glass</td>
</tr>
<tr>
<td>K2.5411.0</td>
<td>K2.47418.0</td>
</tr>
<tr>
<td>K2.54116.0 for ST</td>
<td>K2.47430.0</td>
</tr>
<tr>
<td>K2.54095.0 for LT</td>
<td>*) only Ground Glass</td>
</tr>
</tbody>
</table>

### Capping Shutter Format Mask for ARRIFLEX 435

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

- **K5.59774.0**
  - 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**
ANSI S35 3 P TV 1.78 + 1.33 Trans

<table>
<thead>
<tr>
<th>ARRICAM</th>
<th>ARRIFLEX 235*/435/535</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2.54063.0</td>
<td>K2.47412.0</td>
</tr>
<tr>
<td>K2.54057.0</td>
<td>K2.47424.0</td>
</tr>
</tbody>
</table>

*) only Ground Glass

**Capping Shutter Format Mask for ARRIFLEX 435**

- **No 4-perforation operation possible!**

**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

**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

**In preparation**

No Time Code exposure with ARRIFLEX 435/535

Tolerance for format markings on ground glass ±0.02 mm
**Ground Glass Marking Dimensions**

<table>
<thead>
<tr>
<th>Format-Mask</th>
<th>3-Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRICAM</td>
<td>K2.54142.0</td>
</tr>
<tr>
<td>K2.54141.0</td>
<td></td>
</tr>
<tr>
<td>ARRIFLEX 235*/435/535</td>
<td>K2.47397.0</td>
</tr>
<tr>
<td>K2.47169.0</td>
<td></td>
</tr>
</tbody>
</table>

*) only Ground Glass

**ARRIFLEX 235**

- **K5.54352.0**
  - exposed negative area: 24.9 mm x 18.7 mm

**ARRIFLEX 235**

- exposed negative area:
  - ARRIFLEX 235: 24.9 mm x 18.7 mm

**Capping Shutter Format Mask for ARRIFLEX 435**

- **not available**

**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
<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>ANSI S35</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.33</td>
<td>K5.54352.0</td>
<td>ANSI S35</td>
</tr>
<tr>
<td>2.35</td>
<td>K5.59773.0</td>
<td>ANSI S35</td>
</tr>
<tr>
<td>1.85</td>
<td>K5.59774.0</td>
<td>ANSI S35</td>
</tr>
<tr>
<td>1.78</td>
<td>K5.59775.0</td>
<td>ANSI S35</td>
</tr>
<tr>
<td>1.85 ASYM</td>
<td>K5.59776.0</td>
<td>ANSI S35</td>
</tr>
</tbody>
</table>

⚠️ No Time Code exposure with ARRIFLEX 435/535
3.7 35 mm Format Masks And Drawings Of The Correspondingly Exposed Negative Areas

<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.37 (Academy)</td>
<td>N35</td>
<td>K5.42387.0</td>
</tr>
</tbody>
</table>

Correspondingly Exposed Negative Area

22 mm 0.01 mm x 16 mm 0.01 mm (R 0.8 mm)

1 : 1.37
Format Mask | Format | Ident-Nr.
---|---|---
(2x) 2.35 | N35 | K5.42388.0

Correspondingly Exposed Negative Area

22\(\times\)0.01 mm \(\times\) 18.6\(\times\)0.01 mm (R 0.8 mm)

1 : 2.35 (2x)
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.66</td>
<td>N35</td>
<td>K5.42390.0</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative Area**

- $22 \pm 0.01$ mm x $13.2 \pm 0.01$ mm (R 0.8 mm)
- 1:1.66
**Format Mask**

<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85</td>
<td>N35</td>
<td>K5.42391.0</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative Area**

22·0.01 mm x 11.9·0.01 mm (R 0.8 mm)

1:1.85
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.78</td>
<td>N35</td>
<td>K5.41475.0</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative Area**

22 ± 0.01 mm x 12.4 ± 0.01 mm (R 0.8 mm)

1:1.78
Correspondingly Exposed Negative Area

24.25 \(\pm 0.01\) mm \(\times\) 18.6 \(\pm 0.01\) 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.
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.33 (Silent)</td>
<td>DIN S35</td>
<td>K5.42392.0</td>
</tr>
</tbody>
</table>

*Correspondingly Exposed Negative Area*

- 24 ± 0.01 mm x 18 ± 0.01 mm (R 0.8 mm)
- 1.33
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.35</td>
<td>DIN S35</td>
<td>K5.42393.0</td>
</tr>
</tbody>
</table>

Correspondingly Exposed Neagative Area

24 $\pm 0.01$ mm x 10.5 $\pm 0.01$ mm (R 0.8 mm)

1:2.35
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85</td>
<td>DIN S35</td>
<td>K5.44305.0</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative Area**

24\( \pm 0.01 \) mm x 13\( \pm 0.01 \) mm (R 0.8 mm)

1:1.85

drawing scale 5:1
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.78</td>
<td>DIN S35</td>
<td>K5.41474.0</td>
</tr>
</tbody>
</table>

Correspondingly Exposed Negative Area

24 * 0.01 mm x 13.5 * 0.01 mm (R 0.8 mm)
1:1.78
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.66</td>
<td>DIN S35</td>
<td>K5.41476.0</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative 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

Correspondingly Exposed Negative Area

24 \( \times 0.01 \) mm \( \times 10.5 \times 0.01 \) mm (R 0.8 mm)

1:2.35
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.33</td>
<td>ANSI S35</td>
<td>K5.54352.0</td>
</tr>
</tbody>
</table>

Correspondingly Exposed Negative Area

- $24.9 \pm 0.01$ mm $\times 18.7 \pm 0.01$ mm (R 0.8 mm)
- $1 : 1.33$

No Time Code exposure with ARRIFLEX 435/535
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.35</td>
<td>ANSI S35</td>
<td>K5.59773.0</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative Area**

- 24.9 $\pm 0.01$ mm x 11.1 $\pm 0.01$ mm (R 0.8 mm)
- 1 : 2.35

**No Time Code exposure with ARRIFLEX 435/535**

---

**Foot numbers**

![Foot numbers diagram](image)
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85</td>
<td>ANSI S35</td>
<td>K5.59774.0</td>
</tr>
</tbody>
</table>

Correspondingly Exposed Negative Area

No Time Code exposure with ARRIFLEX 435/535

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

1 : 1.85
### Format Mask

<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.78</td>
<td>ANSI S35</td>
<td>K5.59775.0</td>
</tr>
</tbody>
</table>

- Correspondingly Exposed Negative Area
  - Drawing scale 5:1 © ARRI
  - **Warning:** No Time Code exposure with ARRIFLEX 435/535
  - Correspondingly Exposed Negative Area:
    - $24.9 \pm 0.01 \text{ mm} \times 14.4 \pm 0.01 \text{ mm} (R 0.8 \text{ mm})$
    - $1 : 1.78$

---

drawing scale 5:1 © ARRI
<table>
<thead>
<tr>
<th>Format Mask</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85 ASYM</td>
<td>ANSI S35</td>
<td>K5.59776.0</td>
</tr>
</tbody>
</table>

No Time Code exposure with ARRIFLEX 435/535

Correspondingly Exposed Negative Area

- $24.9 \pm 0.01 \text{ mm} \times 13.9 \pm 0.01 \text{ mm}$ (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 Negative 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.
Format Mask

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

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

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

- **No Time Code exposure with ARRIFLEX 435/535**

- **Correspondingly Exposed Negative Area**

24.9 + 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  © ARRI
ANSI S35 – 3 perforation aperture for ARRICAM ST and LT

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

Correspondingly Exposed Negative Area

24.9 ± 0.01 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.
4. 16 mm

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.
4.1 N16 Ground Glass Template for ARRIFLEX 416, ARRIFLEX 16SR 3 (and Advanced Models)

Normal Typeface = without exposure meter markings

Italic Typeface = ARRIFLEX 16SR 3 Ground Glass with exposure meter markings
4.2 S16 Ground Glass Template for ARRIFLEX 416, ARRIFLEX 16SR 3 (and Advanced Models)

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

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

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

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

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

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

S16 – old style
TV 1.78
(K2.47234.0) K2.47359.0

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

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

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

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

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

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

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

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

Normal Typeface = without exposure meter markings

Italic Typeface = ARRIFLEX 16SR 3 Ground Glass with exposure meter markings
### 4.3 16 mm Ground Glass Drawings

<table>
<thead>
<tr>
<th>Ground Glass Drawing</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.37 - TV 1.33</td>
<td>N16</td>
<td>K4.47386.0</td>
</tr>
<tr>
<td>old style</td>
<td></td>
<td>K4.48012.0</td>
</tr>
</tbody>
</table>

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

\[
10.3 \pm 0.05 \text{ mm} \times 7.5 \pm 0.015 \text{ mm}
\]

Ground Glass Marking Dimensions

- \[8.4 \pm 0.02 \text{ mm} \times 6.3 \pm 0.02 \text{ mm}\] TV safe action 4:3
- \[9.35 \pm 0.02 \text{ mm} \times 7.1 \pm 0.1 \text{ mm}\] TV transmitted 4:3
- \[10.3 \pm 0.05 \text{ mm} \times 7.5 \pm 0.05 \text{ mm}\] camera aperture

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

<table>
<thead>
<tr>
<th>Ground Glass Drawing</th>
<th>Format</th>
<th>Ident-Nr.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV 1.33</td>
<td>N16</td>
<td>K2.47173.0</td>
<td>with exposure meter markings (for ARRIFLEX 16 SR 3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>K2.47353.0</td>
<td>without exposure meter marking (for ARRIFLEX 416 and 16 SR 3 Advanced)</td>
</tr>
</tbody>
</table>

**Correspondingly Exposed Negative Area**

- TV safe action 4:3: 10.3 x 7.5 mm

**Ground Glass Marking Dimensions**

- TV safe action 4:3: 8.4 x 6.3 mm
- Transmitted area 4:3: 9.35 x 7 mm

**Drawing Scale:** 10:1
with exposure meter markings (for ARRIFLEX 16 SR 3)
without exposure meter marking
(for ARRIFLEX 416 and 16 SR 3 Advanced)

<table>
<thead>
<tr>
<th>Correspondingly Exposed Negative Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.3(\pm)0.05 mm x 7.5(\pm)0.015 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.4 mm x 7.05 mm TV transmitted (1.33)</td>
</tr>
<tr>
<td>10.3(\pm)0.05 mm x 7.5(\pm)0.05 mm camera aperture N16</td>
</tr>
</tbody>
</table>

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

1.33 / 1.33 SAFE

Format
N16

Ident-Nr.
K2.47792.0
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 Negative 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

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. | with exposure meter markings (for ARRIFLEX 16 SR 3)
---|---|---|---
1.37 | N16 | K2.47174.0

old style

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

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.66 (S16)</td>
<td>S16</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Old style

---

### Correspondingly Exposed Negative Area

![Negative Area Diagram]

12.35\(\pm0.02\) mm x 7.5\(\pm0.015\) mm

---

### Ground Glass Marking Dimensions

- 11.75\(\pm0.05\) mm x 7.05\(\pm0.05\) mm projected area
- 12.35\(\pm0.05\) mm x 7.5\(\pm0.05\) 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.
### Ground Glass Drawing

<table>
<thead>
<tr>
<th>Ground Glass Drawing</th>
<th>Format</th>
<th>Ident-Nr.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.66</td>
<td>S16</td>
<td>K2.47784.0</td>
<td>with exposure meter markings (for ARRIFLEX 16 SR 3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>K2.65113.0</td>
<td>without exposure meter marking (for ARRIFLEX 416 and 16 SR 3 Advanced)</td>
</tr>
</tbody>
</table>

#### Correspondingly Exposed Negative 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

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

<table>
<thead>
<tr>
<th>Ground Glass Drawing</th>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.66 (S16) - TV 1.33</td>
<td>S16</td>
<td>K2.47210.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>K2.47356.0</td>
</tr>
</tbody>
</table>

old style

With exposure meter markings (for ARRIFLEX 16SR 3)

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

**Correspondingly Exposed Negative Area**

\[ 12.35 \pm 0.02 \text{ mm} \times 7.5 \pm 0.015 \text{ mm} \]

**Ground Glass Marking Dimensions**

- **TV safe action 4:3**: \[ 8.4 \pm 0.02 \text{ mm} \times 6.3 \pm 0.02 \text{ mm} \]
- **Projected area**: \[ 11.75 \pm 0.05 \text{ mm} \times 7.05 \pm 0.1 \text{ mm} \]
- **Camera aperture**: \[ 12.35 \pm 0.05 \text{ mm} \times 7.5 \pm 0.05 \text{ mm} \]
### Ground Glass Drawing

<table>
<thead>
<tr>
<th>Ground Glass Drawing</th>
<th>Format</th>
<th>Ident-Nr.</th>
<th>with exposure meter markings (for ARRIFLEX 16 SR 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85 ($S_{16}$)</td>
<td>$S_{16}$</td>
<td>K2.47211.0</td>
<td>without exposure meter marking (for ARRIFLEX 416 and 16 SR 3 Advanced)</td>
</tr>
<tr>
<td>old style</td>
<td></td>
<td>K2.47357.0</td>
<td></td>
</tr>
</tbody>
</table>

### Correspondingly Exposed Negative Area

- $12.35^{+0.02} \times 7.5^{+0.015} \, \text{mm}$

### Ground Glass Marking Dimensions

- $11.75^{+0.05} \times 6.35^{+0.1} \, \text{mm}$ projected area
- $12.35^{+0.05} \times 7.5^{+0.05} \, \text{mm}$ camera aperture

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S16</td>
<td>K2.47781.0</td>
</tr>
<tr>
<td></td>
<td>K2.65110.0</td>
</tr>
</tbody>
</table>

new style

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

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.
Ground Glass Drawing

<table>
<thead>
<tr>
<th>Format</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S16</td>
<td>K2.47213.0</td>
<td>with exposure meter markings (for ARRIFLEX 16 SR 3)</td>
</tr>
<tr>
<td></td>
<td>K2.47358.0</td>
<td>without exposure meter marking (for ARRIFLEX 416 and 16 SR 3 Advanced)</td>
</tr>
</tbody>
</table>

Correspondingly Exposed Negative Area

12.35\(\pm0.02\) mm \(\times\) 7.5\(\pm0.015\) mm

Ground Glass Marking Dimensions

\[8.4^{\pm0.05} \text{ mm} \times 6.3^{\pm0.05} \text{ mm}\]  
TV safe action 4:3

\[11.2^{\pm0.05} \text{ mm} \times 6.3^{\pm0.05} \text{ mm}\]  
TV safe action 16:9

\[11.95^{\pm0.05} \text{ mm} \times 6.72^{\pm0.05} \text{ mm}\]  
transmitted area 16:9

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

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

Correspondingly Exposed Negative Area

- 12.35 ±0.02 mm x 7.5 ±0.015 mm

Ground Glass Drawing

<table>
<thead>
<tr>
<th>Format</th>
<th>Ident-Nr.</th>
<th>Ground Glass Marking Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>S16</td>
<td>K2.47214.0</td>
<td>with exposure meter markings (for ARRIFLEX 16 SR 3)</td>
</tr>
<tr>
<td></td>
<td>K2.47360.0</td>
<td>without exposure meter marking (for ARRIFLEX 416 and 16 SR 3 Advanced)</td>
</tr>
</tbody>
</table>

old style
Ground Glass Drawing

<table>
<thead>
<tr>
<th>Format</th>
<th>Ident-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S16</td>
<td>K2.47782.0</td>
</tr>
<tr>
<td></td>
<td>K2.65111.0</td>
</tr>
</tbody>
</table>

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

\[12.35 \pm 0.02 \text{ mm} \times 7.5 \pm 0.015 \text{ mm}\]

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)

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

1.33 / 1.33 SAFE

Format

S16

Ident-Nr.

K2.47783.0

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 Negative Area

\[12.35 \pm 0.02 \text{ mm} \times 7.5 \pm 0.015 \text{ mm}\]

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

The ground glasses are basically identical, however the version for ARRIFLEX 16SR 3 (and HS) additionally show markings for the exposure meter.
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</thead>
<tbody>
<tr>
<td>S16</td>
<td>K2.47787.0</td>
</tr>
<tr>
<td></td>
<td>K2.65116.0</td>
</tr>
</tbody>
</table>

new style

- 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

<table>
<thead>
<tr>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.35 ±0.02 mm x 7.5 ±0.015 mm</td>
</tr>
</tbody>
</table>

### 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
The ground glasses are basically identical, however the version for ARRIFLEX 16 SR 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

with exposure meter markings (for ARRIFLEX 16 SR 3)

K2.65118.0

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

Correspondingly Exposed Negative Area

12.35 x 7.5 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.
### Ground Glass Drawing

<table>
<thead>
<tr>
<th>Ground Glass Drawing</th>
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<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.35</td>
<td>S16</td>
<td>K2.47790.0</td>
<td>with exposure meter markings (for ARRIFLEX 16 SR 3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>K2.65119.0</td>
<td>without exposure meter marking (for ARRIFLEX 416 and 16 SR 3 Advanced)</td>
</tr>
</tbody>
</table>

#### Correspondingly Exposed Negative Area

- 12.35\(^{+0.02}\) mm \(\times\) 7.5\(^{+0.015}\) mm

#### Ground Glass Marking Dimensions

- 11.75 mm \(\times\) 5 mm projected area (2.35)
- 12.35 mm \(\times\) 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.
4.4 N16 – Exposed Negative Area

Exposed Negative Area

10.3 \(+0.05\) mm \(\times 7.5\(+0.015\) mm

drawing scale 10:1 © ARRI
4.5  S16 – Exposed Negative Area

Exposed Negative Area

12.35\(^{+0.02}\) mm \(\times\) 7.5\(^{+0.015}\) mm

drawing scale 10:1 © ARRI
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technical data are subject to change without notice