



# Aviation Glass & Prism



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## Aviation Glass & Prism



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## AVIATION

Hardly any industry is as challenging for producers, suppliers and users as the aviation sector. Manufacturer-independent, we have the ability to produce all glass components required on airfields and aircrafts with relatively short lead times at fair terms. If on stock, we even offer to deliver single pieces!

**AirSafe Technology ApS** is your chance for sourcing from an independent and uncomplicated vendor without having to compromise on quality.

We assure consistently reproducible colors for taxiway edge and runway lighting products, for clear and coated in-ground lights we work with carefully selected optical glass materials for an outstanding performance.

All dichroic and absorption filters as well as colored glass items are produced according to ICAO and FAA standards. As a matter of course, they are internally controlled with spectrometers. Beacon lights for planes are optionally delivered with a ITO (EMI) coating.

We use different glass materials, coatings and filters.

Glass Materials	Coatings / Filters
<ul style="list-style-type: none"><li>• Soda-Lime glass</li><li>• Low-iron glass</li><li>• Borosilicate glass</li><li>• Colofred glass</li><li>• Glass ceramics</li><li>• Pure quartz</li></ul>	<ul style="list-style-type: none"><li>• Aluminium</li><li>• Gold</li><li>• Dichroic filters, e.g. AR, UV &amp; IR</li><li>• Cold light reflection</li><li>• Ceramic and organic colors</li><li>• Mirrors</li><li>• EMI coating</li></ul>

## OUTER, INNER LENSES & DOMES

### OUTER LENSES

Ø 133mm / H 100mm



**100034 /  
500321**

Color: Clear



**100034-001/  
500530**

Color: Clear

\*Inside surface smooth



**102323**

Color: Clear

### INNER LENSES

Ø 100 mm / H 88 mm



**100035 /  
500426**

Color: Clear



**100819 /  
500427**

Color: Yellow



**101257 /  
500428**

Color: Red



**100815 /  
500429**

Color: Green

### DOMES

Ø 133mm / H 110mm



**101822 /  
500761**

Color: Clear

## DOMES

### DOME

Ø 106mm / H 138,5mm



**101124 /  
500644**

Color: Clear



**101124-001 /  
500644-001**

Color: Blue



**101124-002 /  
500644-002**

Color: Green



**101124-003 /  
500644-003**

Color: Red



**101124-004 /  
500644-004**

Color: Yellow

## DOMES

Ø 106mm / H 170mm



**101125 /  
500512**

Color: Clear



**101125-001 /  
500512-001**

Color: Blue



**101125-002 /  
500512-002**

Color: Green



**101125-005  
500512-005**

Color: Red



**101125-003  
500512-003**

## DOMES

Ø 110 mm / H 126 mm



**100040 /  
500073**

Color: Clear



**101327**

Color: Green



**101030 /  
500403**

Color: Red

## SMALL DOMES & SMALL DOMES TYPE S

### SMALL DOME

Ø 69mm



**100458 /  
500166**

Color: Clear



**100457 /  
500165**

Color: Blue



**100459 /  
500167**

Color: Green



**100461 /  
500169**

Color: Red



**100460 /  
500168**

Color: Yellow



**101994 /  
500738**

Color: Black

## SMALL DOMES TYPE S DOMES HALF PART

Ø 95,25mm

## DOMES HALF PART



**100062-001**

**500005**

Color: Clear

Ø 100mm / H 88mm



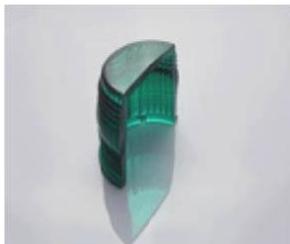
**100062 /**

Color: Blue



**500426-001 (L) /  
500426-002 (R)**

Color: Clear



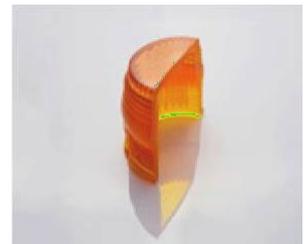
**500429-001 (L) /  
500429-002 (R)**

Color: Green



**500428-001 (L) /  
500428-002 (R)**

Color: Red



**500427-001 (L) /  
500427-002 (R)**

Color: Yellow

## SMALL DOMES HALF PARTS

Ø 69mm



**500166-001**

Color: Clear



**500167-001**

Color: Green



**500169-001**

Color: Red



**500738-001**

Color: Black

## REFRACTORS REFRACTORS

Ø 133mm / H 100mm



**100039 /  
500072**

Color: Clear



**100136 /  
500083**

Color: Blue



**100036 /  
500069**

Color: Green



**100037 /  
500070**

Color: Red



**100038 /  
500071**

Color: Yellow

## REFRACTORS INSIDE WITHOUT PRISM (FOR LED)

Ø 133mm / H 100 mm



**101072 /**  
**500402**

Color: Clear



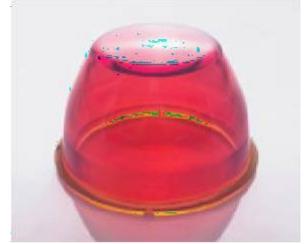
**101072-002 /**  
**500402-001**

Color: Blue



**101072-003 /**  
**500402-003**

Color: Green



**500402-002**

Color: Red

## REFRACTORS

### REFRACTORS INSIDE WITHOUT PRISM (FOR LED)

Ø 133mm / H 100 mm



**500402-004**

Color: Yellow



**101072-004 /**  
**500440**

Color: Orange

## SPREADER LENSES

### SPREADER LENSES

Ø 184mm / 19°x8°



101317 /  
500458  
Color: Clear



101315 /  
500452  
Color: Green



101316 /  
500453  
Color: Red

### SPREADER LENSES

Ø 184mm / 26°x13°



101538 /  
500588  
Color: Clear



101540 /  
500590  
Color: Green



101539 /  
500589  
Color: Red

### SPREADER LENS

Ø 225mm



102310 /  
500597  
Color: Clear



102310-002 /  
500597-002  
Color: Green

## ROUND PRISMS & ROLL OVERS

### ROUND PRISM

Ø 100mm



**100006**

Color: Clear

**100125 /  
500764**

Color: Blue

**100032**

Color: Red

**100148**

Color: Yellow

### ROLL OVERS

Ø 105mm / H 25mm



**101110 /  
500086-002**

Color: Clear

**100230 /  
500086**

Color: Green

**100845**

Color: Red

**100733 /  
500086-001**

Color: Yellow

### ROLL OVERS

Ø 105mm / H 30mm



**101110 /  
500086-002**

Color: Clear

**100230 /  
500086**

Color: Green

**100845**

Color: Red

**100733 /  
500086-001**

Color: Yellow



## COVER GLASS

### COVER GLASS (L-862 LED)

99mm x 75mm x 25mm



**100056 /  
500457**

Color: Clear



**100053 /  
500454**

Color: Green



**100054 /  
500455**

Color: Red



**100055 /  
500456**

Color: Yellow

## PRISMS



**100551 / 500180**

PRISM 72°

100 mm x 62 mm x 48 mm

Aluminium coated



**100552 / 500181**

PRISM TYP RCL-R

60 mm x 33 mm x 29 mm

Aluminium coated



**100021 / 500011**

PRISM IL 252R/253R

SHORT VERSION

57 mm x 34 mm x 29 mm



**100550 / 500179**

PRISM 74,3°

100 mm x 62 mm x 48 mm

Aluminium coated

## PRISMS



**100974**

Ø 63,48 mm x 16,25 mm  
PRISM ROUND



**500482**

PRISM FINE RIBBED DESIGN

54,9mm x 35,2 mm



**500481**

PRISM WIDE RIBBED DESIGN

54,9mm x 35,2mm



**500066**

PRISM

54,9mm x 35,2mm

## PRISMS



**500374**

PRISM

115mm x 68mm x 29,5mm



**100015 / 500198**

PRISM

40,5mm x 65mm x 29,5mm

Aluminium coat



**500801**

PRISM 5NQ59

76,5mm x 41mm x 28mm