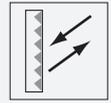




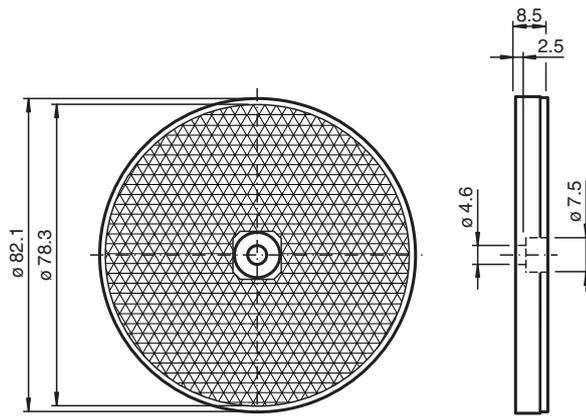
# Reflector REF-C85AF

- Anti-fog coating
- Mounting holes for simple installation



Reflector, round  $\varnothing$  82 mm, central mounting hole

## Dimensions



## Technical Data

<b>General specifications</b>	
Construction type	circular
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 70 °C (-40 ... 158 °F)
<b>Mechanical specifications</b>	
Material	PMMA
Dimensions	Diameter: 82 mm
Mounting	mounting hole

## Accessories

	<b>OMH-C110-01</b>	Mounting bracket
---	--------------------	------------------

Release date: 2020-06-30 Date of issue: 2020-06-30 Filename: 246429\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

## Function

Fogging of the reflectors is prevented by using a surface coating. Fogging takes place when moisture condenses on the surface. Fine, microscopically small water droplets form. This effect occurs particularly in areas with varying temperature, such as can happen with gate systems, bus and tram doors in winter and cold stores.

The surface of the anti-misting reflectors is made in such a way that in the presence of moisture the surface is wetted and the formation of droplets prevented. If the reflectors are used in very cold areas under 0 °C, such as cold stores, it is possible that fogging from contact with warm air is prevented, but the surface of the reflector covered in water can ice over and the reflector no longer works properly.

It is therefore a good idea to check whether there is a danger of icing. If this is the case, alternative, heated reflectors can be used.