



# Load Release solutions

for care institutions



## Safety in healthcare





# Load Release System

## safety in healthcare

Goelst cubicle- and shower rails can be equipped with a Load Release System (LRS). This unique, patented system will release the rail from its activation points when it is subjected to a sudden peak load of 35 kg (subject to installation). The rail can subsequently be reinstalled.

The Load Release System is our answer to a requirement of the healthcare sector. The need for collapsible, risk reducing rails became apparent, specifically in environments with a heightened ligature risk.

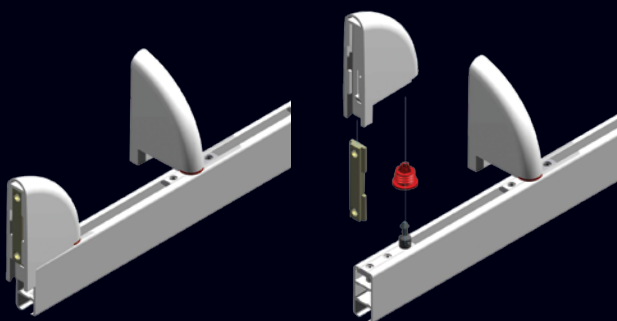
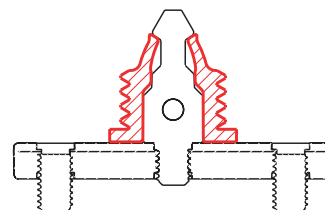
The components of the system have been designed for rail types 4100 and 5100. The LRS device is unobtrusive when the rail is in normal use.



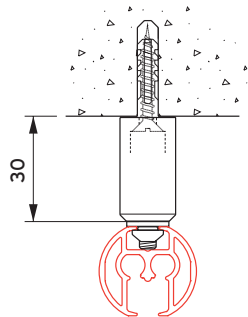
- Will release the rail from its activation points when it is subjected to a sudden peak load of 35 kg.
- Continuous static load up to 5 kg possible.
- Applicable on rail types 4100 and 5100.

## Specifications

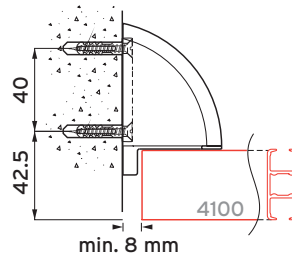
LRS: for use to profile 4100 and 5100.



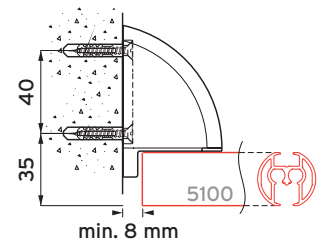
## Mounting



Ceiling mounting 5100  
with 5154-LRS

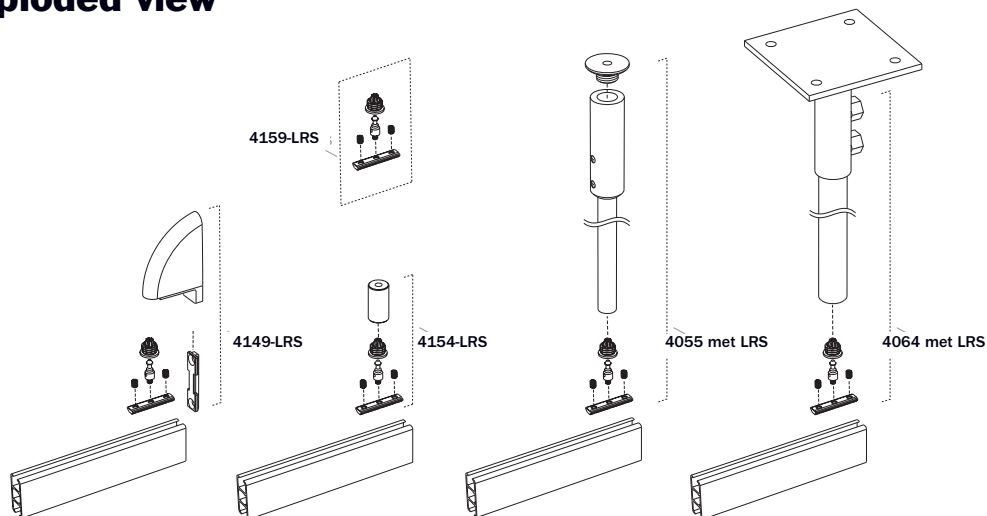


Mounting 4100 with  
4149-LRS as wall bracket



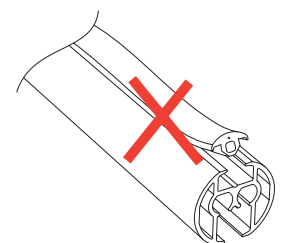
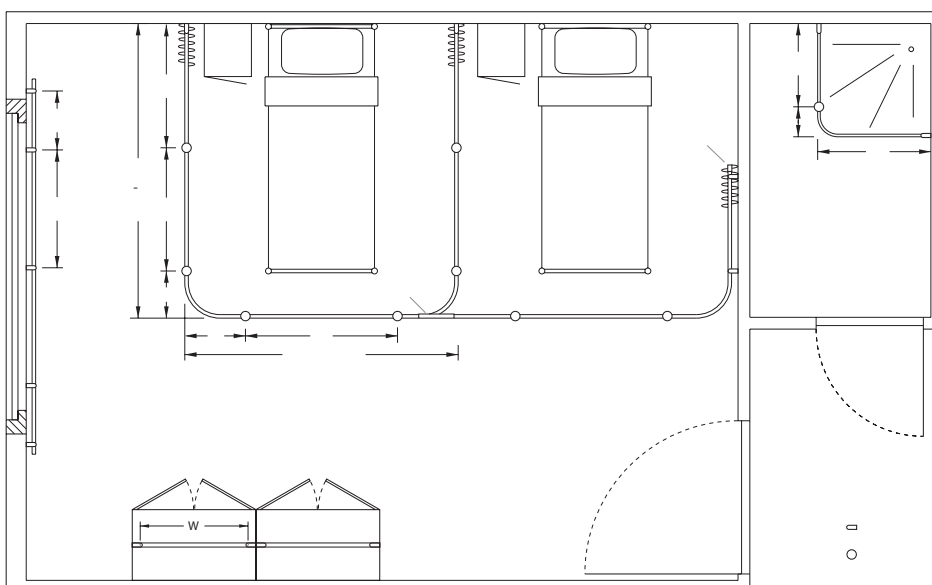
Mounting 5100 with  
5149-LRS as wall bracket

## Exploded view



## Application example

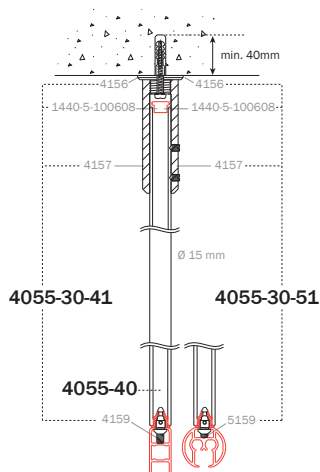
Application example of room layout with 4100:



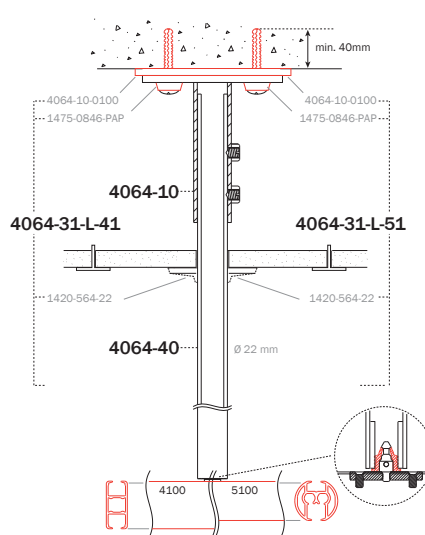
In order to further  
diminish risks, the cover  
strip is omitted, or applied  
in fragments of max. 50  
cm.

## Liability

This system should be installed and used as specified in the technical documentation (that is available on request). Although the correct functioning of the various components of the LRS-system is always our top priority, the system can't rule out (self-)harm by persons, in whatever form. Neither can we be held responsible for damage caused by aggression, misconduct, negligence etc. or damage caused by failing to observe the instructions in the technical documentation.



ceiling mounting of the 4100 with suspension hanger 4055, with mounting set 4055-30W-LRS



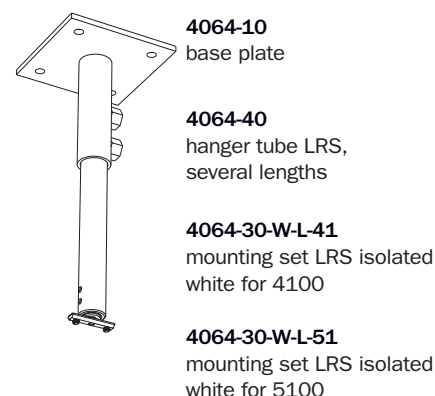
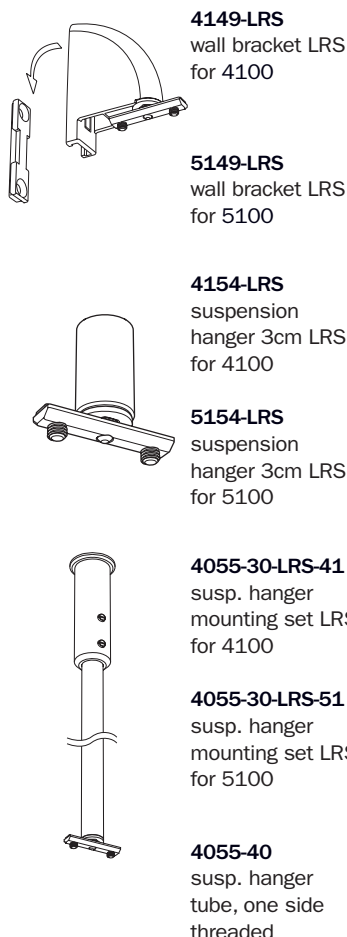
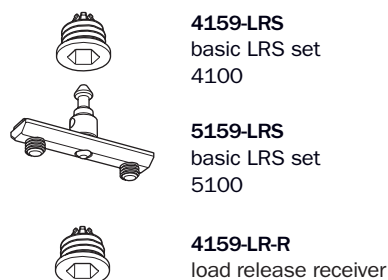
Ceiling mounting of 4100 or 5100 with base plate 4064-10, mounting set 4064-31-L-41 or 4064-31-L-51 for isolated placement according to IEC 60364 norm and hanger tube rod 4064-40 to length. Incl. screws and isolating plugs.

## Parts LRS

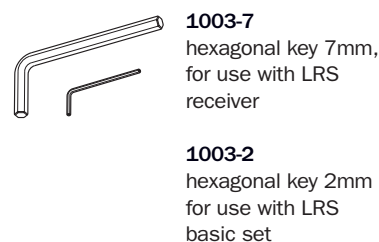
### Curtain transport



### Mounting



### Accessories



Technical specifications are subject to change without prior notice.

For more information about the LRS system, go to our website: [www.goelst.com](http://www.goelst.com)

# Load Release Gliders

## safety in healthcare

An alternative solution for the Load Release System, are Load Release Gliders. The system will release the gliders from the rail when the curtain is subjected to sudden peak load. The curtain rail will linger.

The gliders are provided with a flexible, yet firm gliding foot and rotate freely in the gliding channel. In daily use, the LRS gliders will behave as ordinary gliders. However, when exposed to sudden and/or high loads, the LRS glider is designed to be released from the curtain track and prevents the rail from being pulled out of the ceiling.

Load Release glides are applicable on rail types 4100, 4200, 4301, 5100 and 4700 series, and are not used in combination with the LRS system.

### Use

There are 2 types of gliders, the red and the gray glider. The gray glider comes out of the rail more easily than the red one. This depends on several factors, more information about the LRS gliders can be found on our website [www.goelst.com](http://www.goelst.com).



- Prevents from damage to the curtains.
- In emergency situations, the curtains can be pulled from the rail.
- Prevents the curtain-rail from being pulled from its mounting.
- Reduced risk of successful suicide by hanging from the curtains.

## Parts LRS gliders

### Gliders

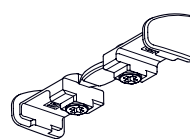


**4007-LRS-10**  
LRS rotating glider grey  
pull-out weight 12 kg



**4007-LRS-20**  
LRS rotating glider red  
pull-out weight 8 kg

### Accessories 4301



**4353**  
end cap set L + R  
for 4301 profile



**Goelst NL B.V.**

P.O. Box 480 | 6710 BL Ede | The Netherlands

T +31 (0)318 648 100 | F +31 (0)318 648 109 | [info@goelst.com](mailto:info@goelst.com) | [www.goelst.com](http://www.goelst.com)