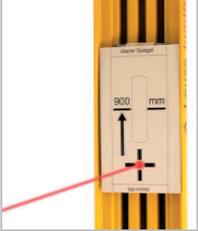
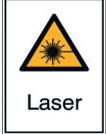
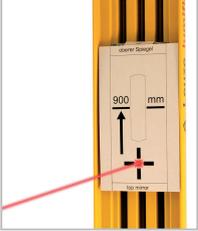
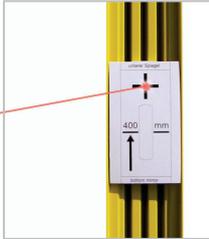


COMPACT/laser Laser-Alignment Instructions (Short Version)

<p>1a</p> <p>1b</p>	<p>Before starting alignment sender, receiver and deflecting mirror columns must be brought in normal direction. The normal direction of the components described must be kept during the complete alignment. Merely turning or adjusting at height are allowed.</p> <p>If transmitter is pre-installed in the device column (a): Loosen the Allen screws on the column base so that the transmitter can be aligned with the first mirror column.</p> <p>If transmitter is mounted with swivelling support (b): Loosen the Allen screws on the swivelling support so that the transmitter can be aligned with the first mirror column.</p>	<p>1a</p>  <p>1b</p> 
<p>2</p>	<p>Set alignment template for height 900 mm of on the top mirror of the 1st mirror column.</p>	
<p>3</p>	<p><u>Activate top laser beam (by setting the magnet key to the marking).</u></p>  <p>Regard Laser Precautions Class 2! Do not look into the Laser Beam!</p>	
<p>4a</p> <p>4b</p>	<p>If the transmitter is mounted in a device column (a): Slowly turn the transmitter column until the laser beam hits the alignment template target mark; adjust height if required without losing the normal direction. Tighten Allen screws.</p> <p>If the transmitter is mounted with swivelling support (b): Slowly turn the transmitter swivelling support until the laser beam hits the alignment template target mark; adjust height if required without losing the normal direction. Tighten Allen screws.</p>	<p>4a</p>  <p>4b</p>  <p>4 a/b</p> 
<p>5</p>	<p>Set the alignment template for the height of 900 mm on the top mirror of the 2nd mirror column.</p>	

6	<p>Align the top laser beam with the next mirror column using 3 Allen screws on the top mirror of the mirror column 1.</p> <p>Same procedure for mirror columns 2 to X.</p>	
7	<p>Last mirror column: Realign the top laser beam same as number 6. until laser beam hits the laser mark of the receiver.</p>	
8	<p><u>Align bottom beam, as 1. – 7.</u></p> <p>Note! When aligning the lower beam, the top beam alignment may displace from the target mark without negative effect to the alignment. It should not be realigned any more.</p>	
9	<p>Remove alignment template from the last mirror column.</p>	
10	<p>Receiver column: Loosen the Allen screws on the column base and slowly turn the column until “green” LED lights on the display.</p>	<p>Picture: Receiver with “green LED” display detail</p> 
11	<p>Tighten the Allen screws on the transmitter and receiver column base</p>	



If the laser beam is no longer visible on the set alignment template on the mirror column or the laser beam target mark on the receiver device, then follow the laser beam with a white sheet of paper from the transmitter device or the previously aligned mirror of the mirror column up to the next target surface.



You will find detailed information on aligning light beams in the mounting instructions for UMC mirror columns enclosed with the mirror column.