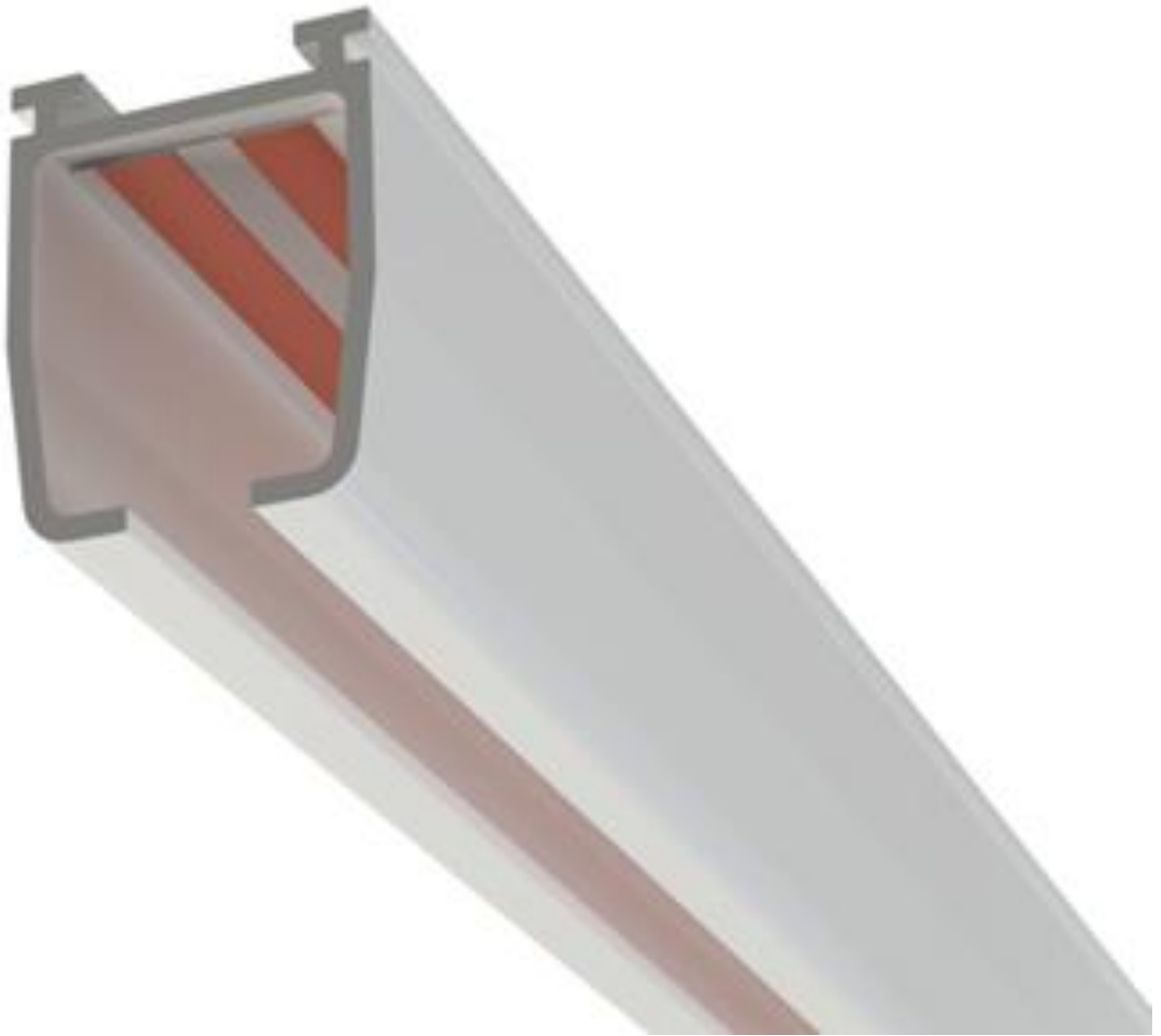


Constant Charge Installation



Quick Guide

1 Tools and Equipment List

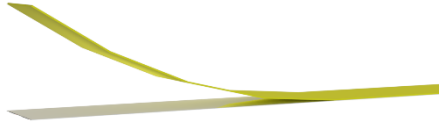
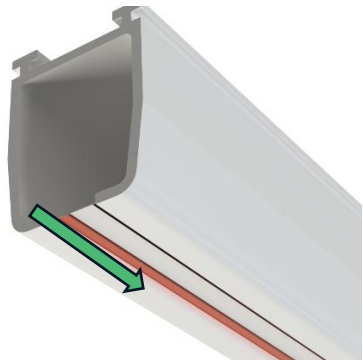
When carrying out the installation of the Constant Charge Tape, you will require the following:

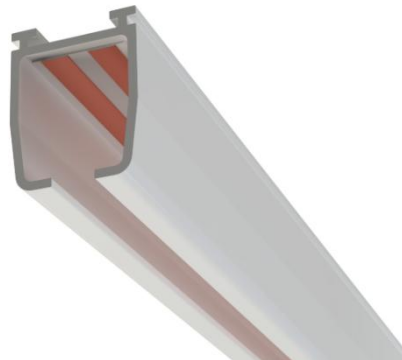
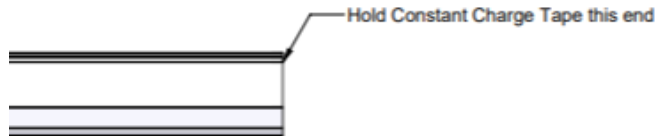
Tools Required
Constant Charge Tape Installation Tool
Equipment Required
Step Ladder
Multi-Meter
Installation Manual
Tape Measure

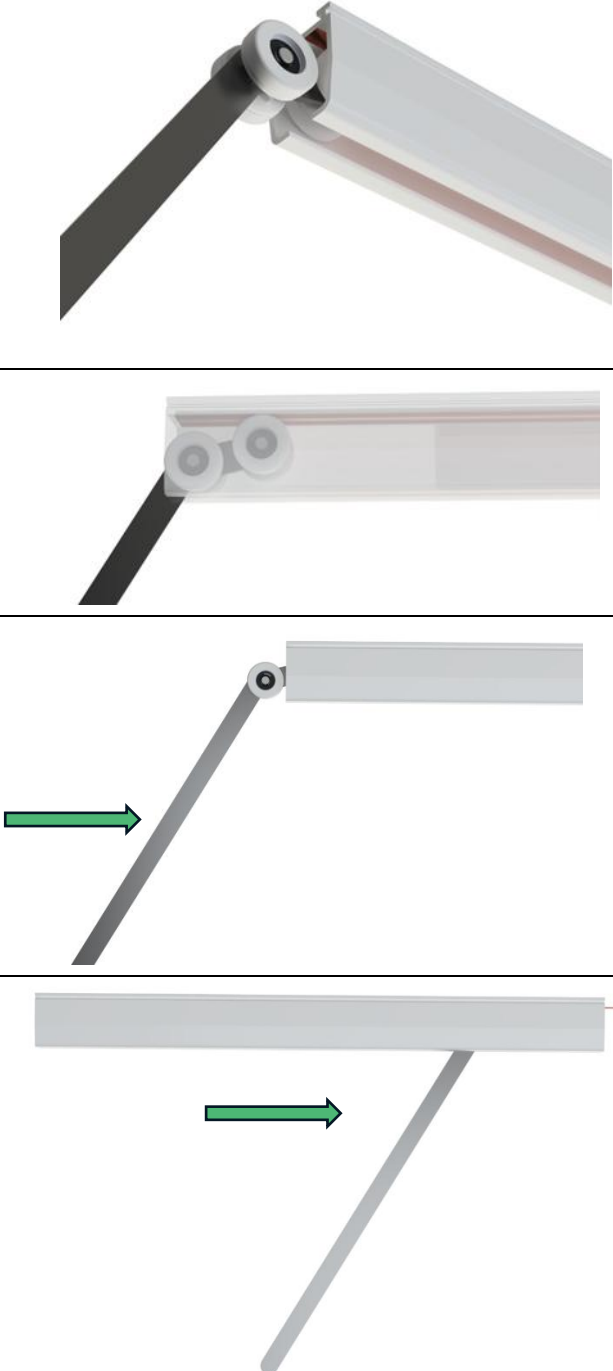
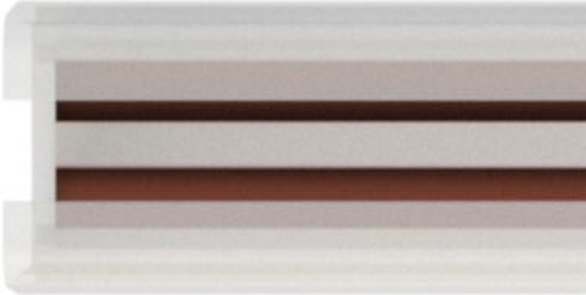
2 Installing the Tape

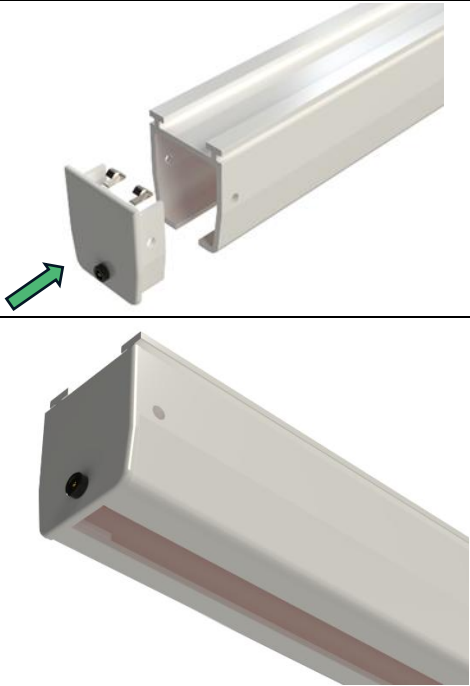
This installation requires two people to ensure the best finish.

2.1 Installing into Pre-Installed Ceiling Track

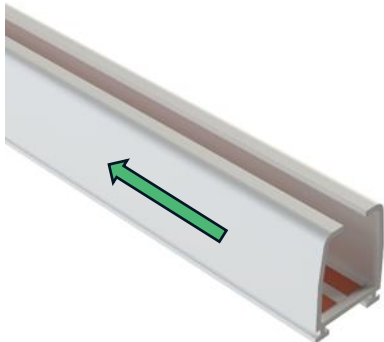
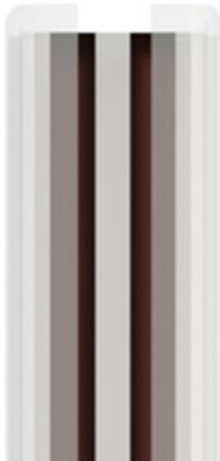
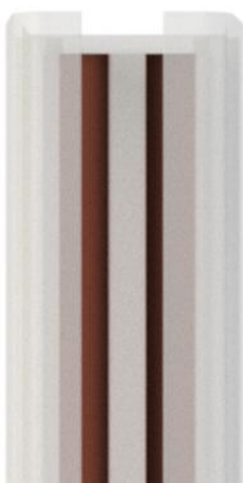
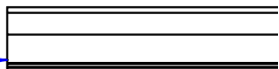
1	Cut the constant charge tape to the required length. Ensuring that the tape is cut to 10mm shorter than the Track.	
2	To attach the constant charge strip to the roof of the track, you will need to remove the backing from the tape to expose the adhesive strip.	
3	Feed the Constant Charge Strip along the bottom of the track without the tape backing in place.	 

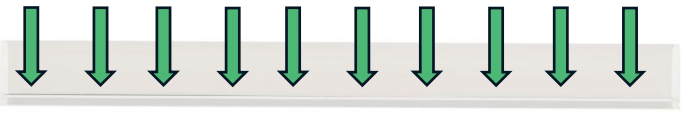
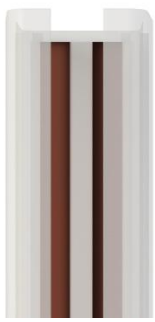
4	Once the constant charge tape is ready, position the start of the tape 5mm away from the edge of the track. Stick into position starting with 50mm ensuring that it is central an straight.		
			
	Note: Ensure that the end of the tape doesn't come into contact with the end of the track.		
			
5	A second installer will pull the tape tight along the full length of the track and ensure that it is aligned straight.		
6	Apply pressure at frequent internals onto the Constant Charge tape using your fingers.		
	Note: Monitor the positioning of the Constant Charge tape during this step.		
			

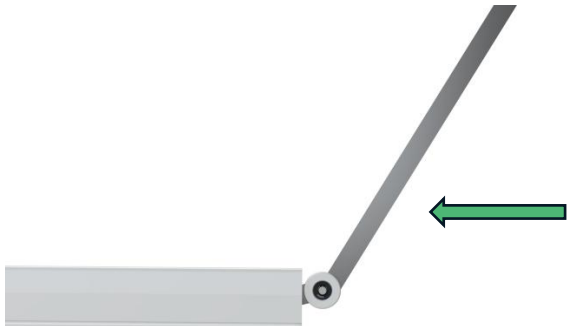
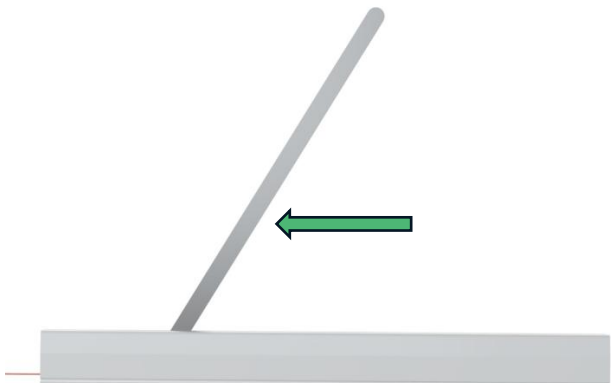
7	The first installer will then use the constant charge installation tool by inserting the trolley into the track and running it all along the track to the far end. Ensure that the wheels at the front of the tool touches the roof of the track with the rear wheels touching the bottom face of the track. Drive the tools backwards and forwards while progressing along the track.	
8	Inspect that the tape has adhered to the track smoothly without creases and is straight.	

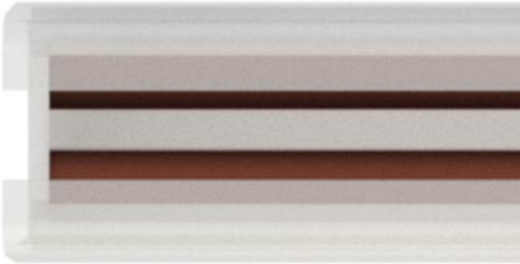
9	Insert the Constant Charge End Cap into one end of the track. Note: This end will link to the charger.	
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2.2 Installing onto a track on the floor (pre-installation)

1	Cut the constant charge tape to the required length. Ensuring that the tape is cut to 10mm shorter than the Track.		
2	Feed the Constant Charge Strip along the bottom of the track with the tape backing in place.		
3	Once the constant charge tape is ready, peel away 50mm of the backing off the tape.		
	Position the start of the tape 5mm away from the edge of the track. Stick into position.		
	Note: Ensure that the end of the tape doesn't come into contact with the end of the track.		
			
4	A second installer will pull the tape tight along the full length of the track and ensure that it is aligned straight.	Hold Constant Charge Tape this end 	

5	Apply pressure at frequent intervals onto the Constant Charge tape using your fingers.		
	Note: Monitor the positioning of the Constant Charge tape during this step.		
			

6	The first installer will then use the constant charge installation tool by inserting the trolley into the track and running it all along the track to the far end. Ensure that the wheels at the front of the tool touches the roof of the track with the rear wheels touching the bottom face of the track. Drive the tools backwards and forwards while progressing along the track.		
			
			
			

7	Inspect that the tape has adhered to the track smoothly without creases and is straight.	
8	Insert the Constant Charge End Cap into one end of the track. Note: This end will link to the charger.	
		

3 Checking the Continuity

This test is to be carried out before energising the Constant Charge System. Ensure that the Track has been labelled with the polarity of the Constant Charge.

1	Set the multimeter to "Continuity Test" or "Resistance Measurement"	
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2	Place the Red probe onto one of the constant charge strips (positive). At the same time place the Black probe onto the other constant charge strip (negative). Confirm there is no continuity between the two strips, using the multimeter's display.	
3	Place the Red probe onto one of the constant charge strips (positive). At the same time place the Black probe onto the non-coated area of the ceiling track (bare metal). Confirm there is no continuity between the constant charge strip (positive) and the ceiling track, using the multimeter's display.	
4	Place the Red probe onto the other constant charge strip (negative). At the same time place the Black probe onto the non-coated area of the ceiling track (bare metal). Confirm there is no continuity between the constant charge strip (negative) and the ceiling track, using the multimeter's display	

Dealer/service contact details:

Contact details:

Mackworth USA
54 West Industrial Drive
O'Fallon, MO 63366 USA
314-889-1000
www.mackworthusa.com

Disclaimer

While every effort has been made to ensure the accuracy of the information contained in this manual, no liability can be accepted by Mackworth for any errors or omissions. Mackworth operates a policy of continuous improvement. Specifications and other data are subject to change without notice.



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