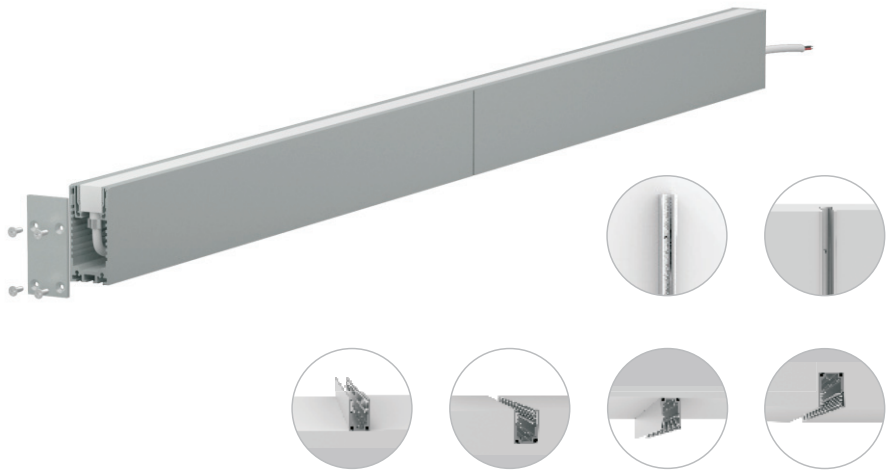
Wave Raceway
Standard Aluminum Channel with Silicone Grip

Version 1.0 | 2021/07/15

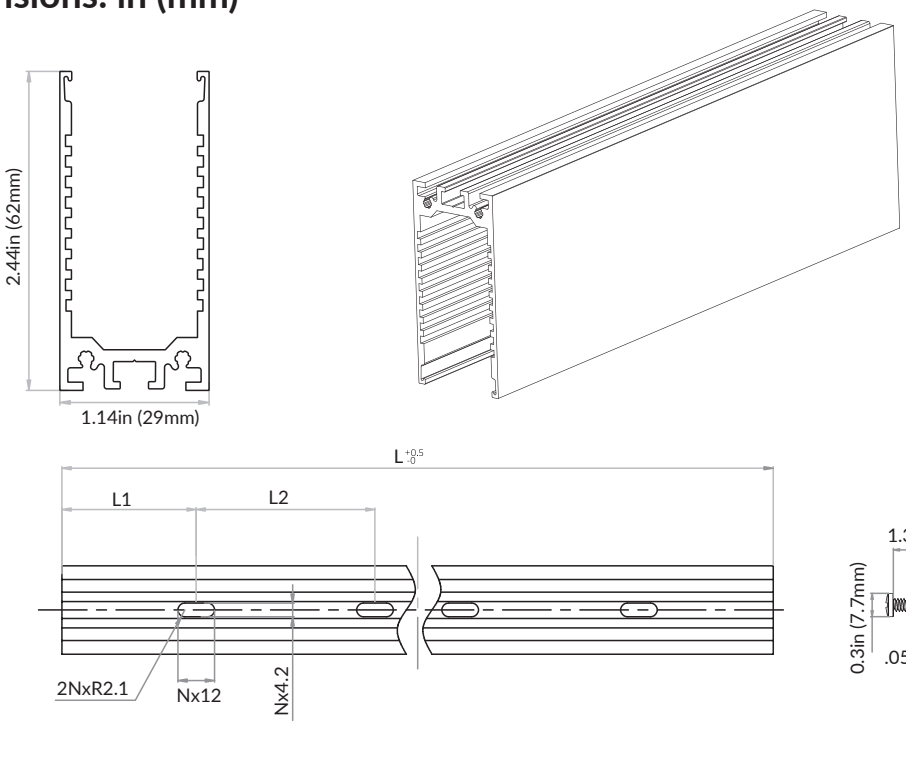


The Wave Raceway Serrated Aluminum Profile is an expanded design of the serrated aluminum profile that allows for a hidden cable on the aluminum channel.

There is 570mm² of space inside the Wave Raceway channel, enough to conceal the injection-molded connector with a bottom feed and male/female connectors.

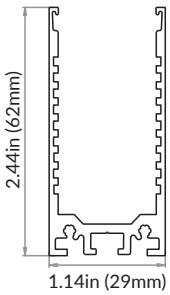
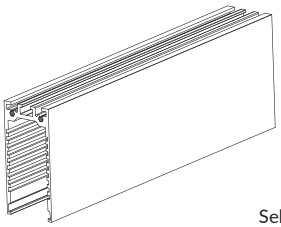
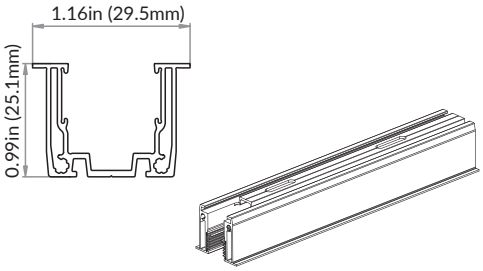
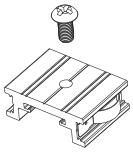
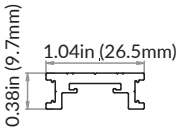
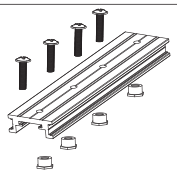
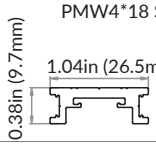
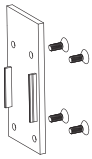
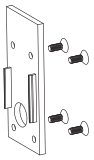
It is recommended for areas that have a lack of space for wiring and require tidiness.

Dimensions: in (mm)

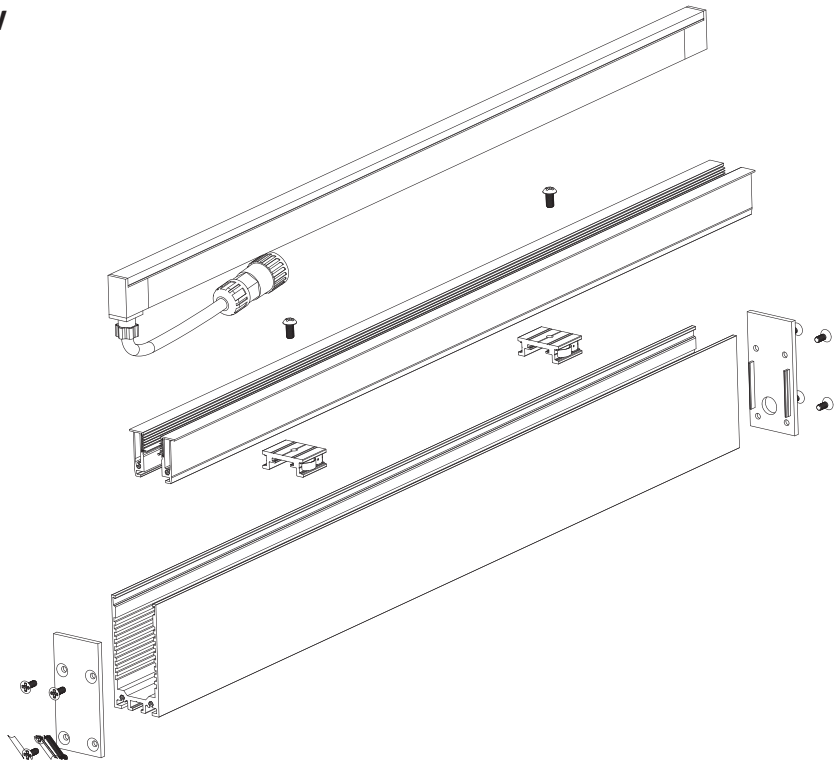


Item Code	Standard Length	L1	L2	Slotted Hole	Hole Quantity (N)
CH-16-R-AL-0M5-RS	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	3
CH-16-R-AL-01M-RS	39.37in (1000mm)	3.94in (100mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	5
CH-16-R-AL-02M-RS	78.74in (2000mm)	3.94in (100mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	10

Main Components

Outer Aluminum Profile		Inner Aluminum Profile	
  PA4.2*35 Self-tapping Screws			
Retaining Bracket for Inner and Outer Profiles	**Joining Bracket for Outer Profiles**	**End Cover**	**End Cover with Cable Hole**
 PM4*6 Screws 	 BSOS-M4*5 Self-clinching Standoffs PMW4*18 Screws 	 KM3*8 Screws	 KM3*8 Screws

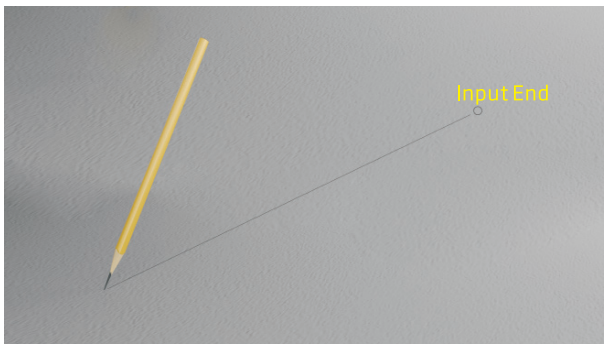
Exploded View



Installation Instructions

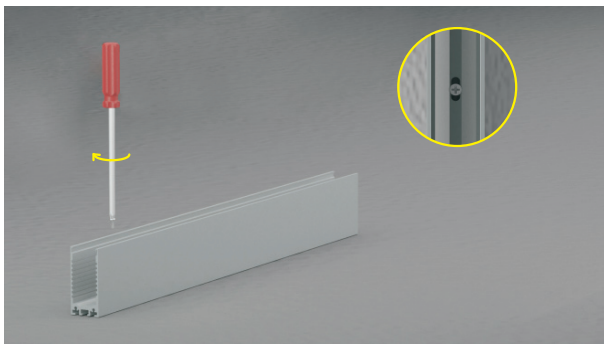
Please read instructions carefully before operation.

Step 1



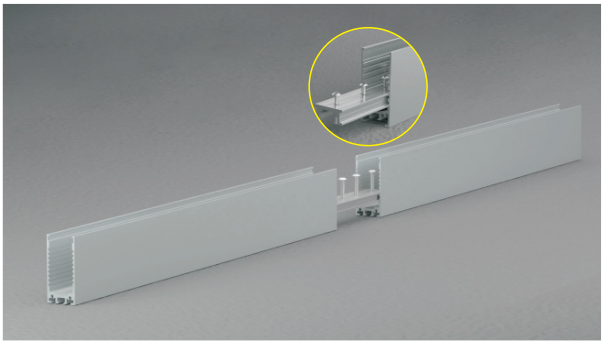
Mark the mounting position and input end.

Step 2



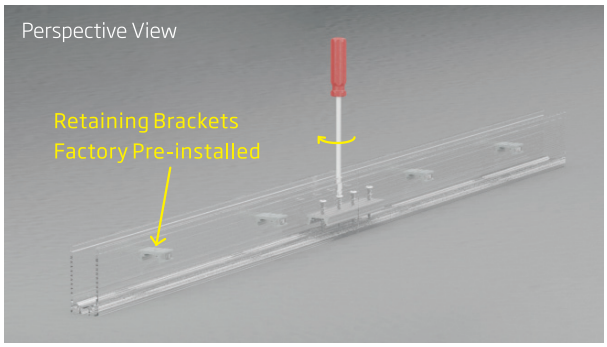
Secure the outer aluminum profile.

Step 3



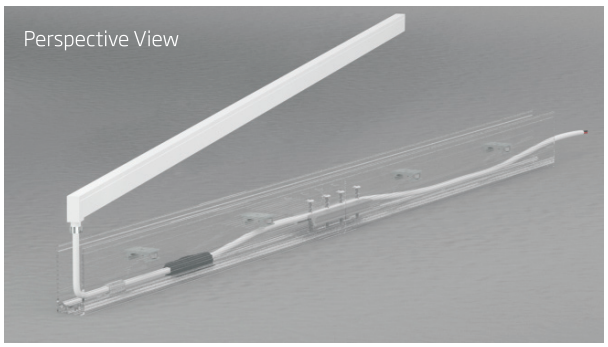
If needed, insert the joining bracket into the bottom slot of the outer profiles and center it for the extended length.

Step 4



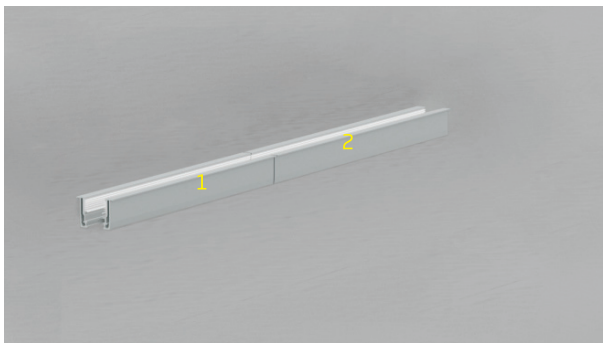
Tighten the screws towards the bottom of the outer aluminum profile until locked.

Step 5



Place the wiring under the retaining bracket and over the joining bracket.

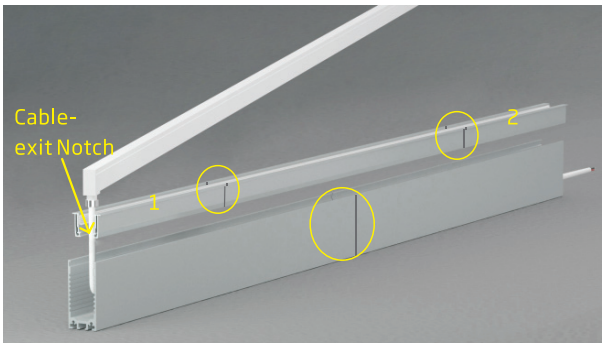
Step 6



Cut one piece of inner aluminum profile evenly into two segments (1&2).

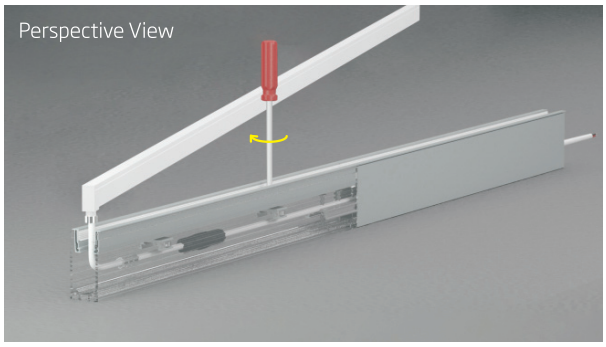
Installation Instructions

Step 7



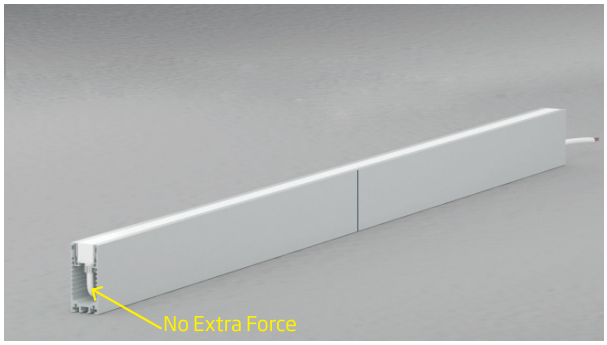
Place the inner aluminum profiles inside the rearranged sequence to keep a staggered installation with the outer profiles. Be aware of the notch direction prior to installation.

Step 8



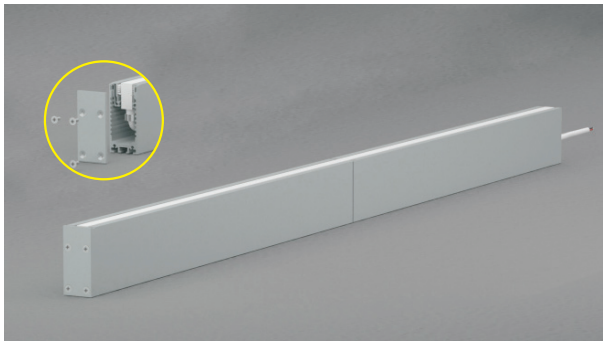
Tighten the screws through the retaining bracket to lock the inner aluminum profile.

Step 9



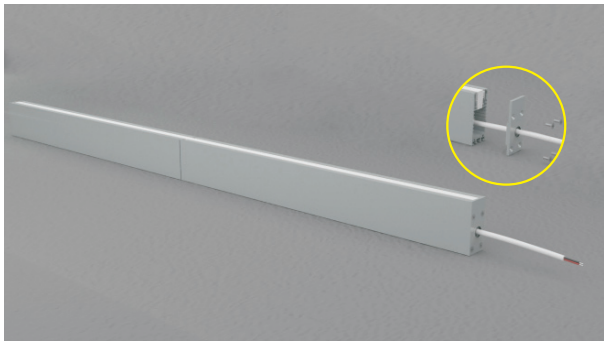
Fit the light inside the channel and tidy the excess cable gently.

Step 10



Seal the front connector by the end cover without cable hole and tighten the screws.

Step 11



Thread the cable through the hole and seal the other end likewise.