



linear refrigerated displays for supermarkets, ice cream and pastry shops, refrigerated buffet, wine cellars.

### Customized production

With Technology adopted for LED bars LEDbar-HeD series, it is possible to obtain an high bright efficiency (lm/w) with low consumptions. This reduction in energy consumption results in a reduced thermal dissipation. Reducing the heath emission inside a refrigerate display is one of the main fundamentals in order to improve the duration of fresh food conservation.

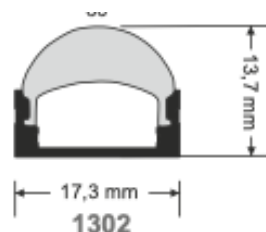
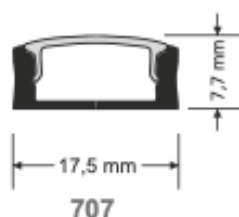
### Features

- Three shapes of Aluminum profile (custom profile design at customer's request)
- Low voltage: 24 Vdc
- Led quantity per meters : 160 Led/meters
- Light efficiency >170 lm/w
- Diodes LED SMD 2835 (high brightness)
- Chromatic index (CRI) = 80 and 90
- Polycarbonate and PMMA cover: transparent, Opal
- Lightbeam 30° - 60° - 90° - 120°
- Continous connection between two bars through device
- Simplified installation without holes with magnetic clips or regular steel clips
- Modular connection system with power supply 4split
- Color temperatures available: 2300-2700-3000-3500-4000-5000-5700-6500 °K
- Connections with DC-plug 3,5mm
- Driver Led installed on pcb to have a constant lighting maintenance
- Work temperature: -20°degrees ÷ +45°degrees
- The LEDbar installed on shelves of the exhibitor perfectly lights every area highlighting exposed products colors



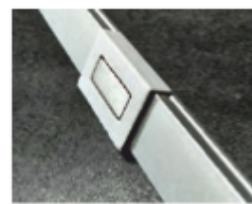
## LEDbar HeD aluminium profiles

LEDbar-HeD series is available in several models that can also be supplied on client's specifics. LEDbar-HeD diffuser with lens has an angle of 60° in order to concentrate the bright ray emphasizing products exposed on the shelves's front row.



## Mounting Brackets

The bars are equipped with steel clips and magnetic fixing clips for a fast implementation without holes behind the shelf.



PA 6 with Neodymium Magnet

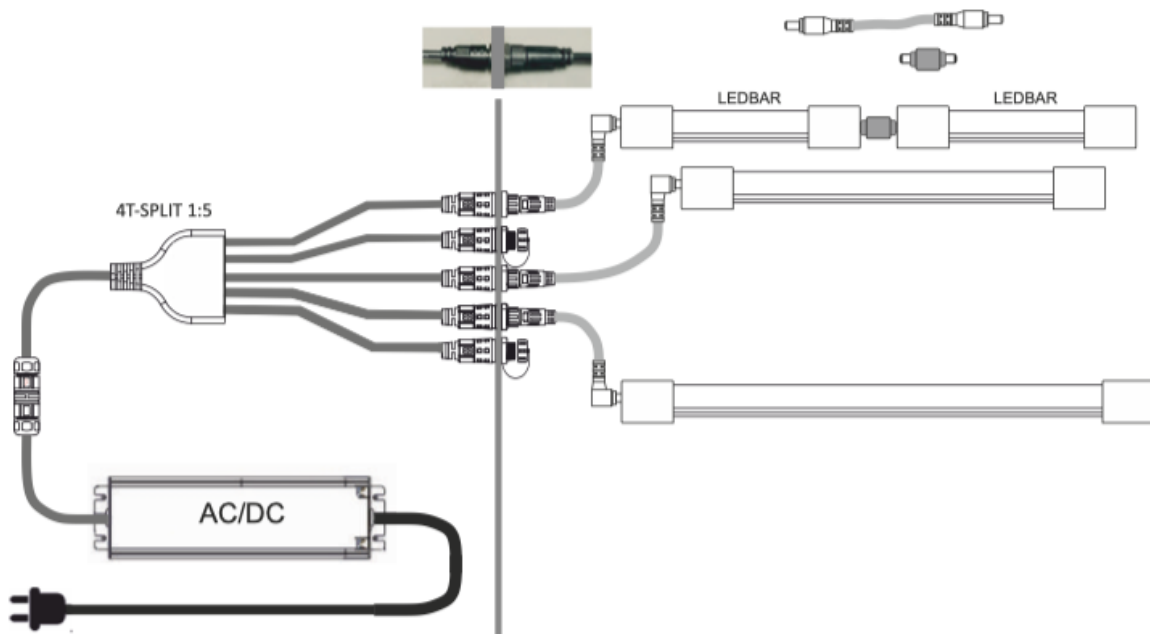


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## LEDbar HeD main features

The modular system connection inside the refrigerated display allows a fast implementation with a consequent reduction in labour costs.

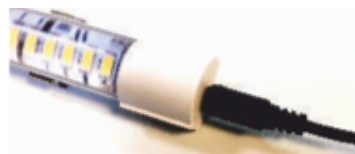


## LEDbar HeD available connections

Bars from He D series are customized based on client's connection needs. The version with DC Jack-smd connectors allows continuous connection between two or more bars; the connection is realized with accessory 4T-SPLIT 1:X (X stands for number of connection points).



Jack Plug 90°



Straight Jack Plug



Straight Jack Male to Male

## Modular Tecnology

Thanks to our Modular Tecnology Design, we can supply any length of Ledbar with step of 50 mm.

