

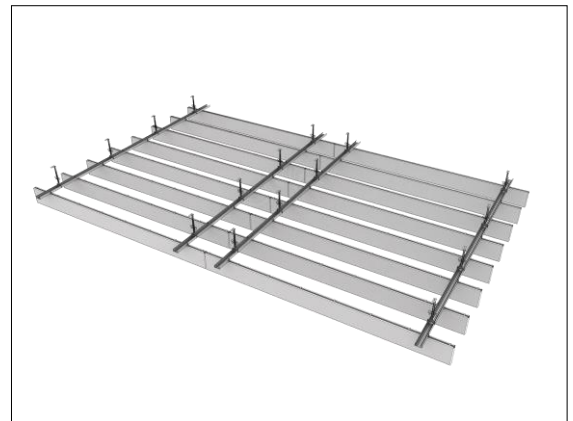
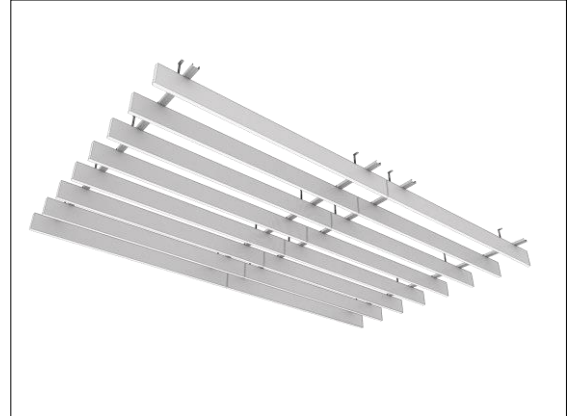


## LMD-L 601

### Metal baffle ceiling, suspended, one piece


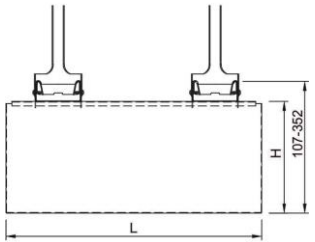

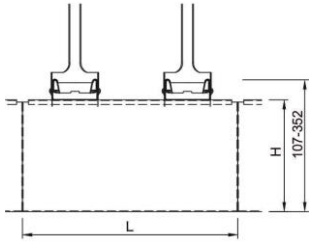
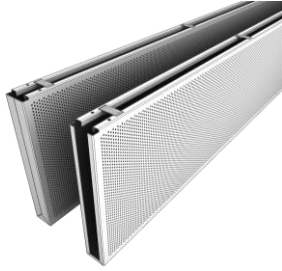
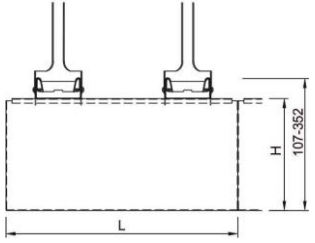

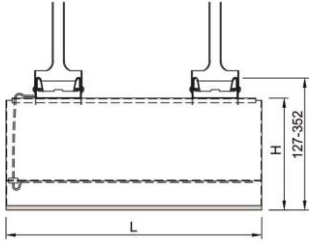
The linear design of the one-piece metal baffles offers versatile possibilities of installation thanks to different centre distances and baffle sizes. The individual baffle distance enables an easy integration of necessary fixtures in the visible ceiling void between the baffles. The construction made of suspension channels guarantees an easy and quick installation.

- freely selectable centre distances and baffle dimensions
- independent installation of luminaires and fixtures possible between baffles
- visible ceiling void
- easy and quick installation





## Ceiling elements

|   |                           |  |   |
|---|---------------------------|--|---|
| <b>LMD-L 601 Type 1</b>                 |                           |    |    |
| <b>one-piece, closed/closed</b>         |                           |  |   |
| Length (L)                              | 300 - 3,000 mm            |  |   |
| Width (B)                               | 30, 35, 40, 45, 50, 55 mm |  |   |
| Height (H)                              | 80 - 325 mm               |  |   |
| <b>LMD-L 601 Type 2</b>                 |                           |    |    |
| <b>one-piece, open/open</b>             |                           |  |   |
| Length (L)                              | 300 - 3,000 mm            |  |   |
| Width (B)                               | 30, 35, 40, 45, 50, 55 mm |  |   |
| Height (H)                              | 80 - 325 mm               |  |   |
| <b>LMD-L 601 Type 3</b>                 |                           |  |  |
| <b>one-piece, closed/open</b>           |                           |  |   |
| Length (L)                              | 300 - 3,000 mm            |  |   |
| Width (B)                               | 30, 35, 40, 45, 50, 55 mm |  |   |
| Height (H)                              | 80 - 325 mm               |  |   |
| <b>LMD-L 601 Type 5 Shine</b>           |                           |  |  |
| <b>one-piece, with luminaire LShine</b> |                           |  |   |
| Length (L)                              | 500 - 3,000 mm            |  |   |
| Width (B)                               | 50 mm                     |  |   |
| Height (H)                              | 100 - 325 mm              |  |   |

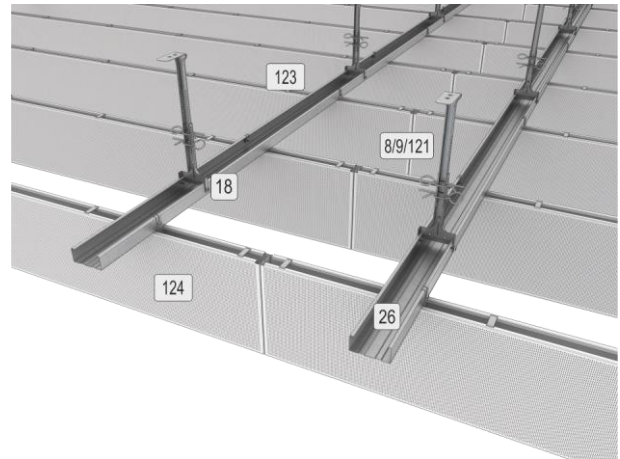


## Technical data

|          |   |
|----------|---|
| Material | galvanised sheet steel                              |
| Weight   | approx. 3 - 4 kg/m (without fixtures/installations) |

## Component list

|         |                                     |
|---------|-------------------------------------|
| 8/9/121 | vernier suspension                  |
| 18      | self-tapping screw trapezoidal head |
| 26      | suspension channel 60               |
| 123     | armature angle for LMD-L 601        |
| 124     | metal baffle                        |



## Acoustics

### Room acoustics

|                                    |                  |            |             |
|------------------------------------|------------------|------------|-------------|
| Rated sound absorption coefficient | DIN EN ISO 11654 | $\alpha_w$ | 0.15 - 0.70 |
| Sound absorber class               | DIN EN ISO 11654 |            | E - C       |
| Noise Reduction Coefficient        | ASTM C 423       | NRC        | 0.15 - 0.70 |

## Fire protection

### Building material class

|                         |                |            |
|-------------------------|----------------|------------|
| Building material class | DIN EN 13501-1 | A2 - s1,d0 |
| Building material class | ASTM E 84      | Class A    |

## Durability

|                |              |   |
|----------------|--------------|---|
| Exposure class | DIN EN 13964 | A |
|----------------|--------------|---|

## Sustainability

|                                   |   |
|-----------------------------------|---|
| Product self-declaration          | Self-declaration according to ISO 14021 |
| Environmental product declaration | EPD according to EN 15804 / ISO 14025   |
| Circular Economy                  | Cradle to Cradle Certified® Gold        |
| French VOC Regulation             | Emission class A+                       |



## Certification

|            |   |
|------------|---|
| CE marking | The ceiling system is a harmonised construction product acc. to regulation (EU) No. 305/2011 (Construction Products Regulation) and EN 13964: Suspended ceilings - Requirements and test methods. |
| TAIM e.V.  | The ceiling system fulfils the requirements of the "Technical Manual Metal Ceilings" (TMMC) of TAIM e.V. (Association of Industrial Metal Ceiling Manufacturers).                                 |

## Surfaces

|                 |   |
|-----------------|---|
| Powder coatings | <u>COLOURline - Powder coating</u><br><u>ARTline - Decor Powder coating</u>   |
| Perforations    | <u>BASICline - Standard perforations</u><br><u>REGULARline - Further perforations</u><br><u>SPREADline - Scattered perforations</u> |

## Additional equipment

|                 |  |
|-----------------|--|
| Acoustic inlays | <u>Acustica - Acoustic fabric inlay</u><br><u>Insula - Mineral wool inlay in acoustic foil</u> |
| Luminaires      | <u>LShine - Baffle Luminaire</u>   |

## Application examples



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## Project solutions

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.