

12LMD-L LAOLA with wavelike baffles is a design solution that creates vivid, three-dimensional effects. Design your individual baffle ceiling thanks to a multitude of possible radii, centre distances and sizes. The curved baffle ceiling is very maintenance-friendly due to baffles that can be slid without the need for any tools. Fixtures can independently be installed between the baffles.

- + three-dimensional design by means of wavelike baffles with concave and convex radii
- + freely selectable centre distances and baffle dimensions
- + independent installation of luminaires and fixtures possible between baffles
- + visible ceiling void
- + easy and quick installation
- + easy maintenance option due to baffles that can be individually slid without tools

### APPLICATIONS

**Recreation and Culture:** Museums, Places of Assembly, Sales Areas, Shopping Centres, Stadiums, Banks, Cinemas and Theatres, Concert Halls

**Workplace:** Assembly Rooms, Broadcasting Rooms, Television Studios, Facilities for Meetings, Conventions and Conferences, Stage and Studio Rooms, Common Rooms, Offices

**Transport:** Airports, Train Stations

**Public Institutions:** Court Houses, Government Buildings

**Education:** Library Rooms

**Public Areas:** Entrance Areas

**Hotels and Gastronomy:** Hotels and Resorts

### REQUIREMENTS

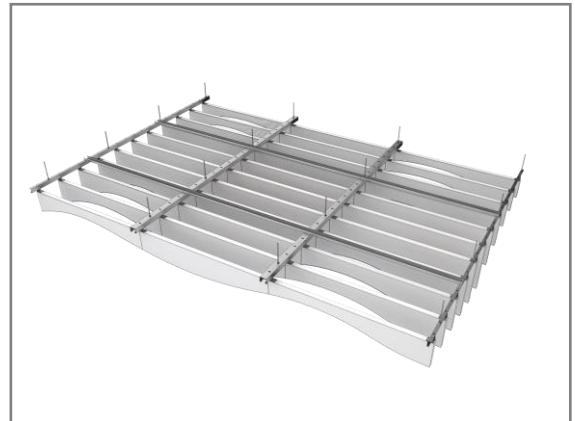
**Design:** Digital Print, Perforation, Powder Coating, Steel

**Sustainability:** Cradle to Cradle®, Environmental Product Declaration

**Fire Protection:** Fire Behaviour / Building Material Class


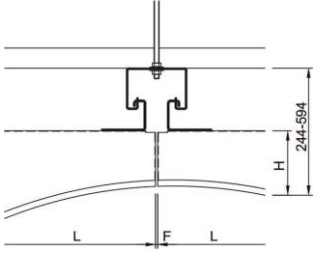

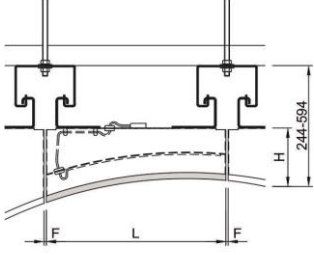
**Corrosion Protection:** Interiors

**Acoustics:** Room Acoustics





### TABLE OF TYPES

<b>LMD-L LAOLA Type 1</b>		 
<b>one-piece</b>		
Length (L)	500 – 2,500 mm	
Width (B)	50 mm	
Height (H)	100 – 500 mm	
Radius (R)	min. 1,500 mm	
Joint width (F)	3 mm	
Perforation	REGULARline Rd 1,8-10, REGULARline Rg 1,8-11, REGULARline Rg 1,8-19, REGULARline Rv 1,8-20, REGULARline Rd 1,8-21	
<b>LMD-L LAOLA Shine</b>		 
<b>one-piece, with luminaire LShine</b>		
Length (L)	500 – 2,500 mm	
Width (B)	50 mm	
Height (H)	100 – 500 mm	
Radius (R)	min. 1,500 mm	
Joint width (F)	3 mm	
Perforation	REGULARline Rd 1,8-10, REGULARline Rg 1,8-11, REGULARline Rg 1,8-19, REGULARline Rv 1,8-20, REGULARline Rd 1,8-21	

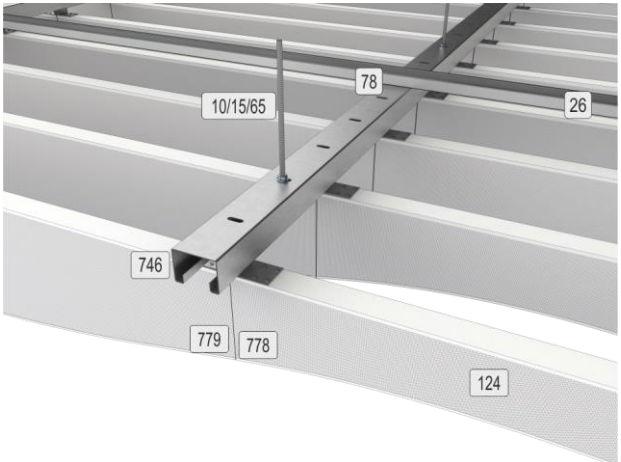


### TECHNICAL DATA

Material	galvanised sheet steel
Weight	approx. 4 - 8 kg/m (without fixtures/installations)
Serviceability	slide option or removable without tools



### COMPONENT LIST

10/15/65	threaded rod suspension	
26	suspension channel 60	
78	self-drilling screw hexagon head	
124	metal baffle	
746	double hook-on profile 54/L	
778	self-tapping screw with countersunk head	
779	disc magnet	



### ACOUSTICS

Room acoustics	project-related assessment
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### FIRE PROTECTION

Building material class		
Building material class	DIN EN 13501-1	B – s1,d0



### DURABILITY

Exposure class	DIN EN 13964	A
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### SUSTAINABILITY

Product self-declaration	A self-declaration according to ISO 14021 is available. The self-declaration provides extensive information about all environmental effects of the product. It can be used in the planning or tender phase to assess all sustainability-relevant aspects. It serves as a data basis for building certification systems such as LEED, DGNB and BREEAM.
Environmental product declaration	The product has a specific EPD according to the valid standards. (EN 15804/ ISO 14025)
Circular Economy	The product is Cradle to Cradle Certified® Gold. By implementing the Circular Economy ideology we avoid waste, toxic substances and environmental pollution. The aim is to achieve a technical cycle, which ensures the separation and the complete re-use of all materials.



### SURFACES

Powder coatings	COLOURline
Perforations	REGULARline



### 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).



### ADDITIONAL EQUIPMENT

Acoustic inlays	Acustica – Acoustic fabric inlay
Luminaires	LShine – Baffle luminaire



### 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.