



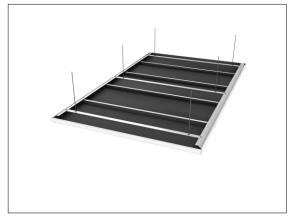
LMD-DS 315

Metal canopy ceiling without frame

This canopy ceiling without frame can freely be arranged and offers a multitude of design options. The open construction of the single canopy ceilings allows a view to the concrete ceiling and is an economic solution. The elements can quickly and easily be installed. Each ceiling panel can individually be removed without the need for any tools. An independent installation of luminaires or fixtures is possible between the canopies.

- design freedom thanks to an individual arrangement of canopies and an exposed concrete
- flexible room plannings are possible
- slim, filigree look without circumferential frame
- easy maintenance option due to ceiling panels that can be individually operated without tools
- independent installation of luminaires and fixtures possible between canopy ceilings
- · easy and quick installation
- cost-effective canopy ceiling as economic solution
- hygienic and easy to clean





















Ceiling elements

Coming ciomonic			
LMD-DS 315 Type 1			
Start panel			
Length (L)	500 - 3,500 mm		
Width (B)	200 - 1,250 mm		
Height (H)	50 mm		B B SL
Canopy length (SL)	variable		
Canopy width (SB)	500 - 3,500 mm		
LMD-DS 315 Type 2			
Central panel			
Length (L)	500 - 3,500 mm	=	
Width (B)	200 - 1,250 mm		
Height (H)	50 mm		B B SL
Canopy length (SL)	variable		
Canopy width (SB)	500 - 3,500 mm		
LMD-DS 315 Type 3			
End panel			
Length (L)	500 - 3,500 mm		
Width (B)	200 - 1,250 mm		
Height (H)	50 mm		B B B B
Canopy length (SL)	variable	V	
Canopy width (SB)	500 - 3,500 mm		

Technical data

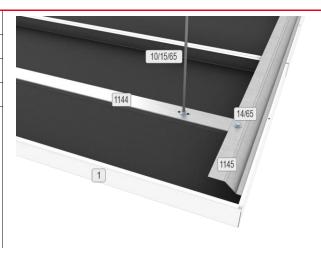
	galvanised sheet steel
Weight	approx. 10 - 12 kg/m² (without fixtures/installations)
Serviceability	removable without tools





Component list

1	ceiling panel
10/15/65	threaded rod suspension
14/65	screwing
1144	U-profile 16/315
1145	Z-hook-on profile 27



Acoustics

Room acoustics			
Equivalent sound absorption area per canopy	DIN EN ISO 354		
Rated sound absorption coefficient	DIN EN ISO 11654	αw	0.15 - 1.00
Sound absorption class	DIN EN ISO 11654		E - A
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 1.25
Notice	The evaluation of α_w and NRC can only be carried out in dependence and therefore is only an orientation value.		

Fire Protection

Building material class		
Building material class (COLOURline A1)	DIN EN 13501-1	A1
Building material class (COLOURline)	DIN EN 13501-1	A2 - s1, d0
Building material class	ASTM E 84	Class A

Durability

3|5

Exposure class	DIN EN 13964	A
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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	COLOURline - Powder coating COLOURline A1 - Powder coating non-combustible MOODline - Powder coating, deep matt ARTline - Decorative powder coating GRAPHICline - Digital print
Perforation	BASICline - Standard perforations REGULARline - Further perforations SPREADline - Scattered perforations
Design surfaces	TOUCHdesign Lunar – 3D hammered

Additional equipment

Acoustic inlays	Acustica - Acoustic fabric inlay Insula - Mineral wool inlay in acoustic foil Calma - Glass yarn inlay in textile cover	
Luminaires	IS 22 - Integrated luminaire for monitor work stations QZI - Integrated luminaire with cell louvres	
Heating and cooling function	System with integrated heating and cooling technology is available: Plafotherm® DS 315	

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.