

PRODUCT DESCRIPTION

The information contained in the description applies to the MOD-KOL-100 system (a set of <u>RAM-KOL-100</u>, <u>OMODO-100</u> extrusions).

- The open style structure of the mounting channel and its adjustable elements (bridges) eliminates the need for unsightly inspection openings in the ceilings
- The extrusion conceals the edges of the mounting gap in the drywal (no need to plaster and paint the surface after mounting)
- Repeated removal and remounting of the lighting fixture does not damage the ceiling
- A LED lighting fixture with a low glare rating UGR below 19 (with the prismatic JUN-100 cover)
- The extrusion can be mounted "from below" and thus build ceiling lighting fixtures that run "wall to wall"
- Either LED tapes or LED current modules can be used
- Linear and polygonal connections are possible with ZM connectors
- Secure mounting resistant to vibration

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Product nr.	
Fixture type	
Company	
Job name	
Date	

TECHNICAL SPECIFICATION

Application

- for the construction of professional lighting fixtures with a cover mounted flush with the ceiling or wall surface,
- for LED lighting fixtures recessed in the ceiling, installed and serviced as a system,
- for creating precise mounting channels in drywall for LED lighting fixtures (RAM-KOL-100),
- for building LED lighting fixtures capable of reaching a glare rating UGR \leq 19.

Mounting

- embedding the "mounting channel" (RAM-KOL-100) in the surface of a drywall ceiling using RAM-1 mounting springs,
- mounting the "core" of the lighting fixture (OMODO-100) in the "mounting channel" (RAM-KOL-100) with hooks locked with bolts.

Additional information

MOD-KOL-100 fixtures are designed for 7 LED strips (0.39"/10 mm wide), 8 strips (0.31"/8 mm wide) or a LED



Specification sheet - MOD-KOL-100 Extrusion system ref. number 18062 (RAM-KOL-100) + 18058 (OMODO-100)

current module up to 0.94"/24 mm wide.

The lighting fixture is designed so that the "core" of the lighting fixture (extrusion with LED tapes and end caps) can be prepared in advance, in factory conditions. The only thing to be done at the installation site is to insert the prepared "core" (OMODO-100) into the pre-installed mounting channel (RAM-KOL-100).

Two locking bolts must be used for every 39.4" (1 m) of lighting fixture. For lighting fixtures shorter than 39.4" (1 m), at least 2 bolts must be used.

The width of the gap in the drywall for RAM-KOL-100: from 108 mm to 113 mm.

The following are examples of covers are compatible with MOD-KOL-100:

- JUN-100 prismatic material: PMMA, length: 59" (1.5 m), UV resistant, glare rating UGR ≤ 19 possible
- POL-100 frosted, material: PC, lengths: 39.4" (1 m), 78.7" (2 m), 118.11" (3 m), UV resistant

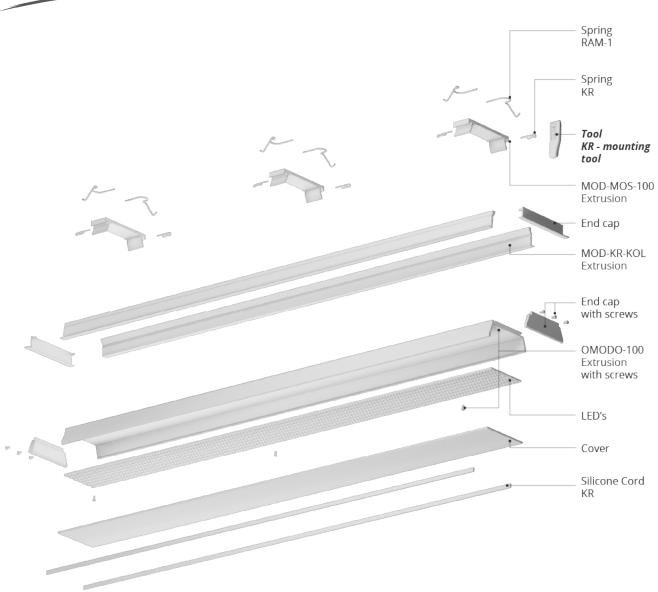
The gaps between the edges of the mounting channel and the "core" of the fixture can be finished with a dedicated silicone cord.

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Animation: Extrusion system MOD-KOL-100

Scheme: Extrusion system MOD-KOL-100

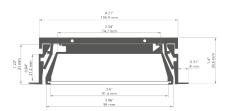




AVAILABLE LENGTHS

Ref. nr. surface finish available lengths

TECHNICAL DRAWING





RELATED EXTRUSIONS



OMODO-100 Extrusion Ref: 18058



RAM-KOL-100 Extrusion Ref: 18062

RELATED PRODUCTS

COVERS

CLEAR COVERS



JUN-100 Prismatic cover Ref: 17165_1.5

FROSTED COVERS



POL-100 frosted Cover Ref: 17166

END CAPS

REGULAR END CAPS



OMODO-100 grey End cap Ref: 24354



RAM-KOL-100 grey End cap Ref: 24356



ACCESSORIES

COMPONENTS FOR CONNECTING FIXTURES



ZM-180 Connector Ref: 42717



ZM-PION-135 Connector Ref: 42719



ZM-PION-90 Connector Ref: 42718



ZM-90 Connector Ref: 42716



ZM-120 Connector Ref: 42728



ZM-135 Connector Ref: 42720



ZM-45-G Connector Ref: 42338



ZM-60-G Connector Ref: 42304



ZM-90-G Connector Ref: 42306



ZM-135-G Connector Ref: 42310



ZM-PION-120 Connector Ref: 42320



ZM-120-G Connector Ref: 42308

ADDITIONAL ITEMS



6x1.2 Gland Ref: 00802



DES Gland Ref: 42265M8X1



KR Spring Ref: 42737



RAM-1 Spring Ref: 42738



Mounting wedge Ref: 70397



KR Tool Ref: 70449