

## Ceiling junction box

# U 86 DVD-2



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Productnumber: 97308102

Dimensions: 74 x 74 x 106 mm

Ceiling junction box, for ceiling slab thickness up to 4.5 cm, with M5 threaded bushing (load capacity 10 kg) to hold ceiling hook, lamp output LED max. 3 W, lamp output Halogen max. 6.5 W. The use of U86 as a luminaire installation enclosure in large components such as element slabs or filigree slabs does not comply with the accredited state-of-the-art. Basically the admissible installation tolerances there do not allow for precise installation, with protection class IP30, Rated insulation voltage: 400V AC, Halogen free

**magnet and nail installation, membrane for perforation, Sealing area M16 - M25**



## Technical Data

### electrical characteristics

|                              |                       |
|------------------------------|-----------------------|
| Rated insulation voltage AC: | 400 V                 |
| Type of protection:          | IP30                  |
| Suitable for:                | Concrete construction |
| Protection type UL:          | not specified         |

### Colours

|               |       |
|---------------|-------|
| Cover colour: | other |
|---------------|-------|

### Dimensions

|         |        |
|---------|--------|
| Width:  | 74 mm  |
| Length: | 74 mm  |
| Height: | 106 mm |

## Material characteristics

|                                                    |        |
|----------------------------------------------------|--------|
| Industry quality:                                  | no     |
| Halogen free:                                      | yes    |
| Flammability class according with UL94:            | HB     |
| Glow-wire flammability according to EN 60695-2-11: | 650 °C |

## mechanical properties

|                    |                              |
|--------------------|------------------------------|
| Type of fastening: | magnet and nail installation |
|--------------------|------------------------------|

## Ambient conditions

|                              |        |
|------------------------------|--------|
| max. relative humidity 25°C: | - %    |
| max. relative humidity 40°C: | 50 %   |
| Min. ambient temperature:    | -25 °C |
| Max. ambient temperature:    | 40 °C  |
| 24h ambient temperature:     | 35 °C  |

## Material

|                     |               |
|---------------------|---------------|
| Base unit material: | Polypropylene |
| Cover material:     | Polypropylene |

## Accessories

[97925001 - HFL - IBT Accessories](#)

[97929901 - HM-UNI - IBT Accessories](#)

[97910001 - VD 75 - sealing plate](#)

[97911901 - DH 100-M5 - ceiling hook](#)

[92510001 - HW VD-67 - sealing plate](#)

[19599501 - LFR - Stepped drill](#)

[97022001 - RVB 20 - Conduit coupling](#)

[97022501 - RVB 25 - Conduit coupling](#)

[97023201 - RVB 32 - Conduit coupling](#)

[97024001 - RVB 40 - Conduit coupling](#)

[97810001 - IBT LZA-OE - Hole punch](#)

[97811801 - IBT LZA-18 - Hole punch](#)

[97812301 - IBT LZA-23 - Hole punch](#)

[97881401 - IBT STE-LST/14 - Punch set](#)

[97881801 - IBT STE-LST/18 - Punch set](#)

[97882301 - IBT STE-LST/23 - Punch set](#)

[97883001 - IBT STE-LST/30 - Punch set](#)

[97883901 - IBT STE-LST/39 - Punch set](#)

[97891401 - IBT STE-LZA/14 - Punch set](#)

[97891801 - IBT STE-LZA/18 - Punch set](#)

[97892301 - IBT STE-LZA/23 - Punch set](#)

[97910301 - U 86 VDF - sealing plate](#)

[97910501 - ES-10 - Installation screw](#)

[97910601 - ES-18 - Installation screw](#)

[97910701 - ES-25 - Installation screw](#)

[97915501 - WED - Expansion mandrel](#)

[97924001 - NAS-AL - IBT Accessories](#)

[97924201 - NA-AL - IBT Accessories](#)

[97924301 - NA-AL/gl - IBT Accessories](#)