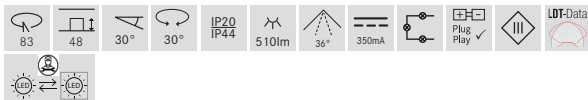
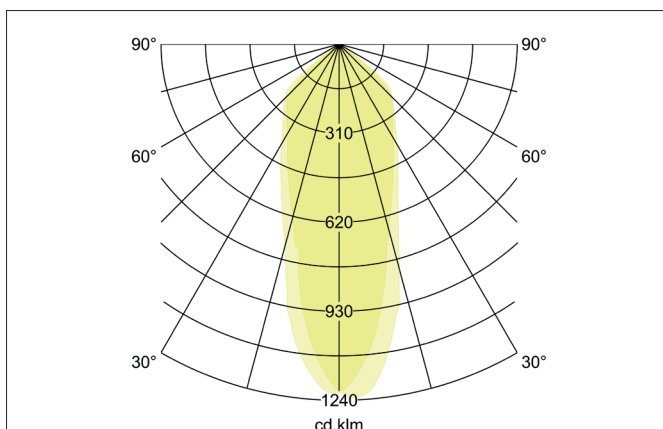
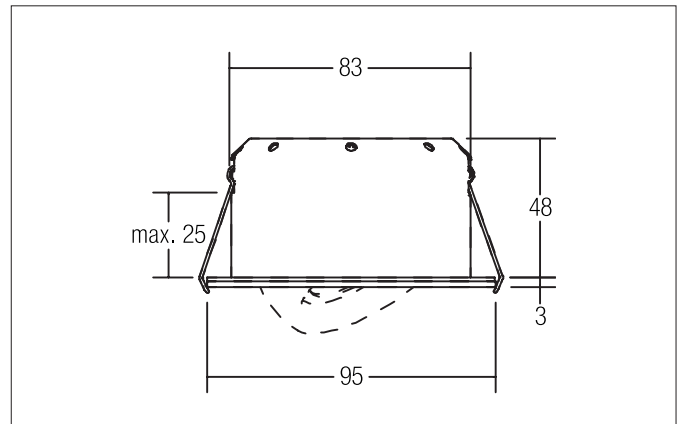



**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**

Article no. 12277173


**Tender**

LED-Einbaustrahler, IP44, dreh- und schwenkbar. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 83 mm, Installation depth 48 mm, Outer diameter 95 mm, Weight 0,283 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent. Luminous flux 510 lm, Power 1 x 6 W, Light colour warm white, Correlated color temperature (CCT) 3.000 K, Colour rendering index CRI > 85, Housing material: Aluminium / Steel / Silicone rubber / PMMA, Colour: White structure, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): III, Degree of protection (DIN EN 60529): IP44. For connection to an external driver, which is not included in the scope of delivery of the luminaire. Depending on driver dimmable.

**Product Benefits**

- Einbaustrahler in runder Bauform aus massivem Aluminium und Schutzkappe zum Direkteinbau in Wärmedämmmaterial.
- Dreh- und schwenkbar.
- Deckenausschnitt 83 mm, Durchmesser 95 mm, Einbautiefe 48 mm, Lichtstrom 510 lm, IP44 (bei Einbau in geschlossenen Decken).
- Bei Verwendung eines geeigneten Konverters dimmbar.


**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**

Article no. 12277173

| Article data       |                                                |
|--------------------|------------------------------------------------|
| Article no.        | 12277173                                       |
| GTIN               | 4251433905660                                  |
| Series name        | INDIWO83-R                                     |
| Short description  | LED-Einbaustrahler, IP44, dreh- und schwenkbar |
| Material           | Aluminium / Steel / Silicone rubber / PMMA     |
| Colour             | White                                          |
| Type of surface    | Structure                                      |
| Shape              | Round                                          |
| Outer diameter     | 95 mm                                          |
| Built-in diameter  | 83 mm                                          |
| Installation depth | 48 mm                                          |
| Hight              | 3 mm                                           |
| Weight             | 0.283 kg                                       |
| Conformance        | CE, UKCA                                       |

| Lighting technology          |           |
|------------------------------|-----------|
| Colour temperature           | 3.000 K   |
| Light colour                 | White     |
| Light output                 | Direct    |
| Luminous flux                | 510 lm    |
| System efficiency            | 85 lm/W   |
| Colour rendering             | CRI > 85  |
| Reflector                    | Faceted   |
| Reflector colour             | silver    |
| Beam angle                   | 36°       |
| Light sharing                | Symmetric |
| Adjustable color temperature | No        |

| Operating technology of the luminaire |                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| System output                         | 6 W                                                                                                                                                      |
| Voltage type                          | DC                                                                                                                                                       |
| Current                               | 350 mA                                                                                                                                                   |
| Lamp                                  | LED                                                                                                                                                      |
| Lamp holder                           | Plug&Play                                                                                                                                                |
| Protection class                      | III                                                                                                                                                      |
| Protection class on the ceiling side  | IP20                                                                                                                                                     |
| Degree of protection                  | IP44                                                                                                                                                     |
| Dimmable                              | Depending on type of control gear                                                                                                                        |
| Control                               | Depending on driver                                                                                                                                      |
| Bulb change possible                  | The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person. |
| Energy efficiency class               | nicht erforderlich                                                                                                                                       |

| Mounting technology    |                      |
|------------------------|----------------------|
| Mounting method        | Recessed mounting    |
| Place of installation  | Ceiling-mounted      |
| Adjustability          | Rotable and pivoted  |
| Swivel angle           | 30°                  |
| Rotation angle         | 30°                  |
| Max. ceiling thickness | 25 mm                |
| Material cover         | Plastic, transparent |



**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**  
Article no. 12277173

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.328 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 110 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 100 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging hight         | 85 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Disposal at end of life | <p>This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.</p> <p>By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment.</p> |


**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**

Article no. 12277173

**Required accessories**

Article no.: 17662000

LED-Konverter 350 mA, schaltbar

Power: 1 - 7,2 W, Plug&amp;Play

Dimensions: 68 mm x 35 mm x 21 mm

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Article no.: 17662010

LED-Konverter 350 mA, schaltbar

Power: 1 - 7,2 W, ohne Konfektionierung

Dimensions: 35 mm x 21 mm

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Article no.: 17662020

LED-Konverter 350 mA, schaltbar

Power: 1 - 7,2 W, Plug&amp;Play + Anschlussbox

Dimensions: 35 mm x 21 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17662020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf)

Article no.: 17613000

LED-Konverter 350 mA, schaltbar

Power: 1 - 15 W, Plug&amp;Play

Dimensions: 115 mm x 34 mm x 19 mm

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Article no.: 17613010

LED-Konverter 350 mA, schaltbar

Power: 1 - 15 W, ohne Konfektionierung

Dimensions: 115 mm x 34 mm x 19 mm

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Article no.: 17613020

LED-Konverter 350 mA, schaltbar

Power: 1 - 15 W, Plug&amp;Play + Anschlussbox

Dimensions: 115 mm x 34 mm x 19 mm

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Article no.: 17621000

LED-Konverter 350 mA, schaltbar

Power: 1 - 21 W, Plug&amp;Play

Dimensions: 128 mm x 50 mm x 13 mm

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Article no.: 17621010

LED-Konverter 350 mA, schaltbar

Power: 1 - 21 W, ohne Konfektionierung

Dimensions: 128 mm x 50 mm x 13 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17621010\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17621010_2021_DE.pdf)

Article no.: 17621020

LED-Konverter 350 mA, schaltbar

Power: 1 - 21 W, Plug&amp;Play + Anschlussbox

Dimensions: 128 mm x 50 mm x 13 mm

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Article no.: 17663000

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 2,8 - 7 W, Plug&amp;Play

Dimensions: 110 mm x 50 mm x 19 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17663000\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf)


**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**

Article no. 12277173

**Required accessories**

Article no.: 17663010

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 2,8 - 7 W, ohne Konfektionierung

Dimensions: 110 mm x 50 mm x 19 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17663010\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17663010_2021_DE.pdf)

Article no.: 17663020

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 2,8 - 7 W, Plug&amp;Play + Anschlussbox

Dimensions: 110 mm x 50 mm x 19 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17663020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf)

Article no.: 17652000

LED-Rundkonverter 350 mA, Phasenabschnitt dimmbar

Power: 4,9 - 7 W, Plug&amp;Play

Dimensions: 51 mm x 24 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17652000\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf)

Article no.: 17652020

LED-Rundkonverter 350 mA, Phasenabschnitt dimmbar

Power: 4,9 - 7 W, Plug&amp;Play + Anschlussbox

Dimensions: 51 mm x 24 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17652020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf)

Article no.: 17640000

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 4,2 - 10 W, Plug&amp;Play

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17640010

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 4,2 - 10 W, ohne Konfektionierung

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17640020

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 4,2 - 10 W, Plug&amp;Play + Anschlussbox

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17648000

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 0,7 - 17 W, Plug&amp;Play

Dimensions: 166 mm x 46 mm x 34 mm

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Article no.: 17648010

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 0,7 - 17 W, ohne Konfektionierung

Dimensions: 166 mm x 46 mm x 34 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17648010\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17648010_2021_DE.pdf)

Article no.: 17648020

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 0,7 - 17 W, Plug&amp;Play + Anschlussbox

Dimensions: 166 mm x 46 mm x 34 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17648020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17648020_2021_DE.pdf)


**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**

Article no. 12277173

| Required accessories                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article no.: 17657000<br>LED-Konverter 350 mA, 1-10 V dimmbar (analog)<br>Power: 5,2 - 18 W, Plug&Play<br>Dimensions: 110 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf</a>              |
| Article no.: 17657010<br>LED-Konverter 350 mA, 1-10 V dimmbar (analog)<br>Power: 5,2 - 18 W, ohne Konfektionierung<br>Dimensions: 110 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17657010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17657010_2021_DE.pdf</a>  |
| Article no.: 17684000<br>LED-Konverter 350 mA, DALI dimmbar (digital)<br>Power: 2,8 - 7 W, Plug&Play<br>Dimensions: 130 mm x 42 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf</a>                |
| Article no.: 17684010<br>LED-Konverter 350 mA, DALI dimmbar (digital)<br>Power: 2,8 - 7 W, ohne Konfektionierung<br>Dimensions: 130 mm x 42 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17684010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17684010_2021_DE.pdf</a>    |
| Article no.: 17684020<br>LED-Konverter 350 mA, DALI dimmbar (digital)<br>Power: 2,8 - 7 W, Plug&Play + Anschlussbox<br>Dimensions: 130 mm x 42 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf</a> |
| Article no.: 17658000<br>LED-Rundkonverter 350 mA, DALI dimmbar (digital)<br>Power: 2,1 - 9 W, Plug&Play<br>Dimensions: 56 mm x 25 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf</a>                     |
| Article no.: 17658010<br>LED-Rundkonverter 350 mA, DALI dimmbar (digital)<br>Power: 2,1 - 9 W, ohne Konfektionierung<br>Dimensions: 56 mm x 25 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17658010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17658010_2021_DE.pdf</a>         |
| Article no.: 17658020<br>LED-Rundkonverter 350 mA, DALI dimmbar (digital)<br>Power: 2,1 - 9 W, Plug&Play + Anschlussbox<br>Dimensions: 56 mm x 25 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf</a>      |
| Article no.: 17683000<br>LED-Konverter 350 mA, DALI dimmbar (digital)<br>Power: 3,5 - 17 W, Plug&Play<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf</a>             |
| Article no.: 17683010<br>LED-Konverter 350 mA, DALI dimmbar (digital)<br>Power: 3,5 - 17 W, ohne Konfektionierung<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683010_2021_DE.pdf</a> |


**INDIWO83-R LED-Einbaustrahler, IP44, dreh- und schwenkbar**

Article no. 12277173

**Required accessories**

Article no.: 17683020

LED-Konverter 350 mA, DALI dimmbar (digital)

Power: 3,5 - 17 W, Plug&amp;Play + Anschlussbox

Dimensions: 110.5 mm x 52 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17683020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf)

Article no.: 17671000

LED-Konverter 350mA, ZigBee dimmbar

Power: 3,5 - 18,5 W, Plug&amp;Play

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17671010

LED-Konverter 350mA, ZigBee dimmbar

Power: 3,5 - 18,5 W, ohne Konfektionierung

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17671020

LED-Konverter 350mA, ZigBee dimmbar

Power: 3,5 - 18,5 W, Plug&amp;Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17672000

LED-Konverter 350mA, Casambi dimmbar

Power: 3,5 - 18,5 W, Plug&amp;Play

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17672010

LED-Konverter 350mA, Casambi dimmbar

Power: 3,5 - 18,5 W, ohne Konfektionierung

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17672020

LED-Konverter 350mA, Casambi dimmbar

Power: 3,5 - 18,5 W, Plug&amp;Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

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**Optional accessories**

Article no.: 3835

Plug&amp;Play-Verlängerungsleitung 350 mA

Dimensions: 500 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003835\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf)

Article no.: 3836

Plug&amp;Play-Verlängerungsleitung 350 mA

Dimensions: 1,000 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003836\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf)

Article no.: 3837

Plug&amp;Play-Verlängerungsleitung 350 mA

Dimensions: 2,000 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003837\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf)