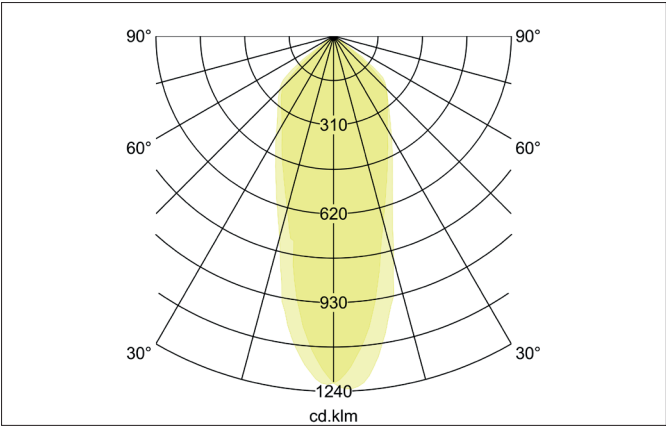
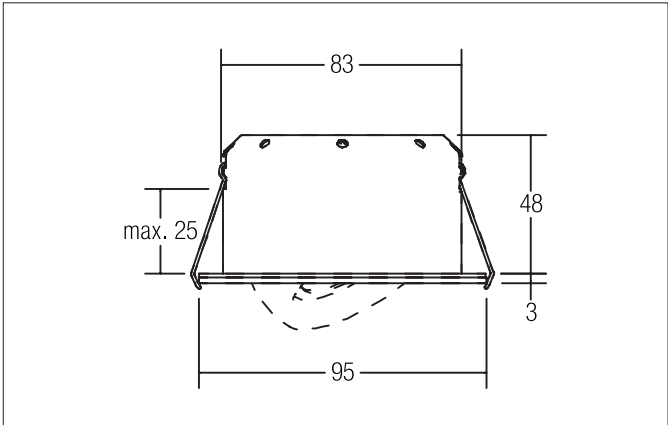


INDIWO83-R LED recessed spot, IP44, rotatable and pivoted  
Article no. 12277153

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**Tender**  
LED recessed spot, IP44, rotatable and pivoted, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 83 mm, Installation depth 48 mm, Outer diameter 95 mm, Weight 0,275 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 / Plastic, Colour: Nickel, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): III, Degree of protection (DIN EN 60529): IP44 when installing in closed ceilings. For connection to an external driver, which is not included in the scope of delivery of the luminaire. Depending on driver dimmable.

| Article data       |                                                |
|--------------------|------------------------------------------------|
| Article no.        | 12277153                                       |
| GTIN               | 4251433906285                                  |
| Series name        | INDIWO83-R                                     |
| Short description  | LED recessed spot, IP44, rotatable and pivoted |
| Material           | Aluminium / Steel / Plastic                    |
| Colour             | Nickel                                         |
| Type of surface    | Matt                                           |
| Shape              | Round                                          |
| Outer diameter     | 95 mm                                          |
| Built-in diameter  | 83 mm                                          |
| Installation depth | 48 mm                                          |
| Height             | 3 mm                                           |
| Weight             | 0.275 kg                                       |
| Conformance        | CE, UKCA                                       |

**INDIWO83-R LED recessed spot, IP44, rotatable and pivoted**

Article no. 12277153

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| 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                    | High-gloss |
| 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                                                                                                                                                      |
| Degree of protection                  | IP44                                                                                                                                                     |
| Protection class on the ceiling side  | IP20                                                                                                                                                     |
| 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. |

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

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.321 kg                                                                                                                                                                                                                                                                                                                                                            |
| Length of packaging     | 100 mm                                                                                                                                                                                                                                                                                                                                                              |
| Packaging width         | 100 mm                                                                                                                                                                                                                                                                                                                                                              |
| Packaging height        | 80 mm                                                                                                                                                                                                                                                                                                                                                               |
| Disposal at end of life | This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.<br>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. |

**INDIWO83-R LED recessed spot, IP44, rotatable and pivoted**

Article no. 12277153

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| Accessories                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Article no.: 17662000<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 7,2 W<br/>Dimensions: 68 mm x 35 mm x 21 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf</a></p>             |
| <p>Article no.: 17662010<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 7,2 W<br/>Dimensions: 68 mm x 35 mm x 21 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17662010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17662010_2021_DE.pdf</a></p>             |
| <p>Article no.: 17662020<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 7,2 W<br/>Dimensions: 68 mm x 35 mm x 21 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf</a></p>             |
| <p>Article no.: 17613000<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 15 W<br/>Dimensions: 115 mm x 34 mm x 19 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf</a></p>             |
| <p>Article no.: 17613010<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 15 W<br/>Dimensions: 115 mm x 34 mm x 19 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17613010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17613010_2021_DE.pdf</a></p>             |
| <p>Article no.: 17613020<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 15 W<br/>Dimensions: 115 mm x 34 mm x 19 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf</a></p>             |
| <p>Article no.: 17621000<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 21 W<br/>Dimensions: 128 mm x 50 mm x 13 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf</a></p>             |
| <p>Article no.: 17621010<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 21 W<br/>Dimensions: 128 mm x 50 mm x 13 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17621010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17621010_2021_DE.pdf</a></p>             |
| <p>Article no.: 17621020<br/>LED converter 350 mA, on/off switchable<br/>Power: 1 - 21 W<br/>Dimensions: 128 mm x 50 mm x 13 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf</a></p>             |
| <p>Article no.: 17663000<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 2,8 - 7 W<br/>Dimensions: 110 mm x 50 mm x 19 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf</a></p> |

**INDIWO83-R LED recessed spot, IP44, rotatable and pivoted**

Article no. 12277153

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| Accessories                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Article no.: 17663010<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 2,8 - 7 W<br/>Dimensions: 110 mm x 50 mm x 19 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17663010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17663010_2021_DE.pdf</a></p>  |
| <p>Article no.: 17663020<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 2,8 - 7 W<br/>Dimensions: 110 mm x 50 mm x 19 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf</a></p>  |
| <p>Article no.: 17652000<br/>LED-round converter 350 mA, trailing-edge phase dimmer<br/>Power: 4,9 - 7 W<br/>Dimensions: 51 mm x 24 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf</a></p>       |
| <p>Article no.: 17652020<br/>LED-round converter 350 mA, trailing-edge phase dimmer<br/>Power: 4,9 - 7 W<br/>Dimensions: 51 mm x 24 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf</a></p>       |
| <p>Article no.: 17640000<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 4,2 - 10 W<br/>Dimensions: 102 mm x 38 mm x 21 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17640000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17640000_2021_DE.pdf</a></p> |
| <p>Article no.: 17640010<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 4,2 - 10 W<br/>Dimensions: 102 mm x 38 mm x 21 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17640010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17640010_2021_DE.pdf</a></p> |
| <p>Article no.: 17640020<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 4,2 - 10 W<br/>Dimensions: 102 mm x 38 mm x 21 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17640020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17640020_2021_DE.pdf</a></p> |
| <p>Article no.: 17648000<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 0,7 - 17 W<br/>Dimensions: 166 mm x 46 mm x 34 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17648000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17648000_2021_DE.pdf</a></p> |
| <p>Article no.: 17648010<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 0,7 - 17 W<br/>Dimensions: 166 mm x 46 mm x 34 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17648010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17648010_2021_DE.pdf</a></p> |
| <p>Article no.: 17648020<br/>LED converter 350 mA, trailing-edge phase dimmable<br/>Power: 0,7 - 17 W<br/>Dimensions: 166 mm x 46 mm x 34 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17648020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17648020_2021_DE.pdf</a></p> |
| <p>Article no.: 17657000<br/>LED converter 350 mA, 1-10 V dimmable (analog)<br/>Power: 5,2 - 18 W<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></p>     |

**INDIWO83-R LED recessed spot, IP44, rotatable and pivoted**

Article no. 12277153

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| Accessories                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Article no.: 17657010<br/>LED converter 350 mA, 1-10 V dimmable (analog)<br/>Power: 5,2 - 18 W<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></p> |
| <p>Article no.: 17684000<br/>LED converter 350 mA, DALI dimmable (digital)<br/>Power: 2,8 - 7 W<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></p>   |
| <p>Article no.: 17684010<br/>LED converter 350 mA, DALI dimmable (digital)<br/>Power: 2,8 - 7 W<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></p>   |
| <p>Article no.: 17684020<br/>LED converter 350 mA, DALI dimmable (digital)<br/>Power: 2,8 - 7 W<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></p>   |
| <p>Article no.: 17658000<br/>LED round converter 350 mA, DALI dimmable (digital)<br/>Power: 2,1 - 9 W<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></p>      |
| <p>Article no.: 17658010<br/>LED round converter 350 mA, DALI dimmable (digital)<br/>Power: 2,1 - 9 W<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></p>      |
| <p>Article no.: 17658020<br/>LED round converter 350 mA, DALI dimmable (digital)<br/>Power: 2,1 - 9 W<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></p>      |
| <p>Article no.: 17683000<br/>LED converter 350 mA, DALI dimmable (digital)<br/>Power: 3,5 - 17 W<br/>Dimensions: 110 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></p>  |
| <p>Article no.: 17683010<br/>LED converter 350 mA, DALI dimmable (digital)<br/>Power: 3,5 - 17 W<br/>Dimensions: 110 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></p>  |
| <p>Article no.: 17683020<br/>LED converter 350 mA, DALI dimmable (digital)<br/>Power: 3,5 - 17 W<br/>Dimensions: 110 mm x 52 mm x 22 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf</a></p>  |
| <p>Article no.: 17671000<br/>LED converter 350mA, ZigBee dimmable<br/>Power: 3,5 - 18,5 W<br/>Dimensions: 146 mm x 44 mm x 30 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf</a></p>         |

**INDIWO83-R LED recessed spot, IP44, rotatable and pivoted**

Article no. 12277153

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| Accessories                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Article no.: 17671010<br/>LED converter 350mA, ZigBee dimmable<br/>Power: 3,5 - 18,5 W<br/>Dimensions: 146 mm x 44 mm x 30 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17671010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17671010_2021_DE.pdf</a></p> |
| <p>Article no.: 17671020<br/>LED converter 350mA, ZigBee dimmable<br/>Power: 3,5 - 18,5 W<br/>Dimensions: 146 mm x 44 mm x 30 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf</a></p> |
| <p>Article no.: 17672000<br/>LED converter 350mA, Casambi dimmable<br/>Power: 3,5 - 18 W<br/>Dimensions: 146 mm x 44 mm x 30 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17672000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17672000_2021_DE.pdf</a></p>  |
| <p>Article no.: 17672010<br/>LED converter 350mA, Casambi dimmable<br/>Power: 3,5 - 18 W<br/>Dimensions: 146 mm x 44 mm x 30 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17672010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17672010_2021_DE.pdf</a></p>  |
| <p>Article no.: 17672020<br/>LED converter 350mA, Casambi dimmable<br/>Power: 3,5 - 18 W<br/>Dimensions: 146 mm x 44 mm x 30 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf</a></p>  |
| <p>Article no.: 3835<br/>Plug &amp; Play extension lead 350 mA</p> <p>Dimensions: 500 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf</a></p>                                         |
| <p>Article no.: 3836<br/>Plug &amp; Play extension lead 350 mA</p> <p>Dimensions: 1,000 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf</a></p>                                       |
| <p>Article no.: 3837<br/>Plug &amp; Play extension lead 350 mA</p> <p>Dimensions: 2,000 mm<br/><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf</a></p>                                       |