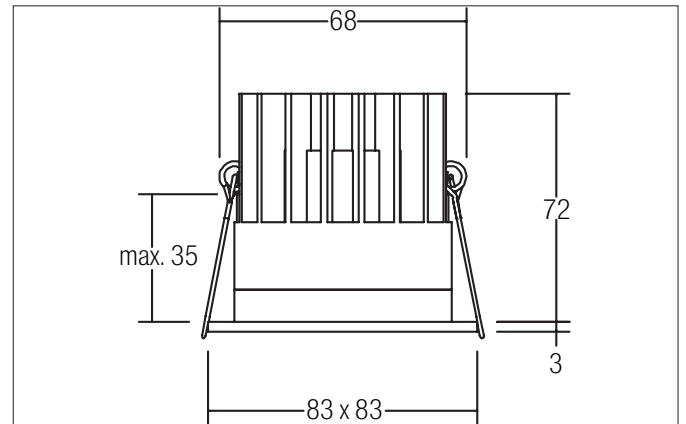


**ALTERO-S LED recessed downlight, TunableWhite, IP44**  
Article no. 12036184TW

Light.  
For Generations.



#### Tender

LED recessed downlight, TunableWhite, IP44, Square. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 72 mm, Outer diameter 83 mm, Weight 0,274 kg. Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. optimal light distribution due to a glass transparent cover. Power 1 x 8,8 W, Light colour warm white to daylight white, Correlated color temperature (CCT) 2.700 - 6.500 K, Colour rendering index CRI > 80, Housing material: Aluminium, Colour: Black 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.

| Article data       |  |
|--------------------|--|
| Article no.        | 12036184TW                                 |
| GTIN               | 4251433981787                              |
| Series name        | ALTERO-S                                   |
| Short description  | LED recessed downlight, TunableWhite, IP44 |
| Material           | Aluminium                                  |
| Colour             | Black                                      |
| Type of surface    | Structure                                  |
| Shape              | Square                                     |
| Outer diameter     | 83 mm                                      |
| Built-in diameter  | 68 mm                                      |
| Installation depth | 72 mm                                      |
| Length             | 83 mm                                      |
| Width              | 83 mm                                      |
| Height             | 3 mm                                       |
| Weight             | 0.274 kg                                   |
| Conformance        | CE, UKCA                                   |

**ALTERO-S LED recessed downlight, TunableWhite, IP44**

Article no. 12036184TW

Light.  
For Generations.


| Lighting technology          |                   |
|------------------------------|-------------------|
| Colour temperature           | 2.700 K - 6.500 K |
| Light colour                 | White             |
| Light output                 | Direct            |
| Luminous flux 1              | 740 lm            |
| Luminous flux 2              | 850 lm            |
| System efficiency            | 9 lm/W            |
| Colour rendering             | CRI > 80          |
| Reflector                    | High-gloss        |
| Reflector colour             | silver            |
| Beam angle                   | 33°               |
| Light sharing                | Symmetric         |
| Adjustable color temperature | Infinite control  |

| Operating technology of the luminaire |  |
|---------------------------------------|--|
| Voltage type                          | DC   |
| Current                               | 500 mA   |
| Lamp                                  | LED  |
| 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          | Not adjustable                            |
| Max. ceiling thickness | 35 mm                                     |
| Further references     | No cover with thermal insulation material |
| Material cover         | Glass transparent                         |

| Packing data            |   |
|-------------------------|---|
| Gross weight            | 0.324 kg  |
| Length of packaging     | 100 mm  |
| Packaging width         | 100 mm  |
| Packaging height        | 100 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. |

**Accessories**

| Required accessories  |   |
|---|---|
|  | Article no.: 17821010<br>LED converter 500 mA, TunableWhite, DALI-DT8 dimmable, 15 W<br>Power: 2,5 - 15 W<br>Dimensions: 178 mm x 46 mm x 22 mm |