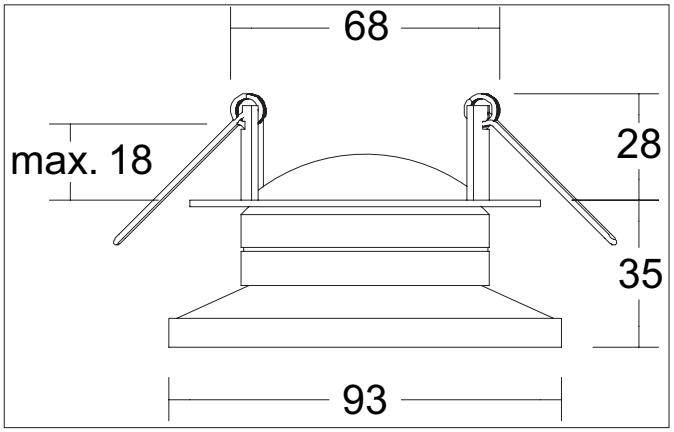
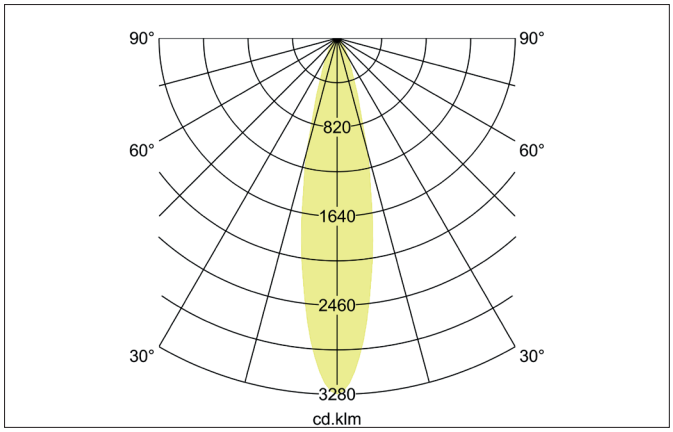
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# NAVARINO LED Recessed spotlight, rotatable and swivelling

Article no. 12356173









## Tender

LED Recessed spotlight, rotatable and swivelling, Round.Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 28 mm, Outer diameter 93 mm, Weight 0,223 kg, with rotattionssymmetrical, deep, wide distributed light intensity. Cover plastic, structuredLuminous flux 510 lm, Power 1 x 6 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 50.000 h, Housing material: Aluminium / PMMA, Colour: white structure, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): III, Degree of protection (DIN EN 60529): IP20. For connection to an external driver, which is not included in the scope of delivery of the luminaire. Depending on driver dimmable.

**Product Benefits**

- Round recessed spotlight made of solid aluminum.
- Surprising, fresh design with direct and indirect components.
- Ceiling cut-out 68 mm, outer diameter 93 mm,
  installation depth 40 mm, luminous flux 510 lm, IP20.
- LED module can be rotated (355°) and swiveled (40°).
- Dimmable when using a suitable converter.

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# NAVARINO LED Recessed spotlight, rotatable and swivelling

Article no. 12356173

| Article data | |
|---|---|
| Article no. | 12356173 |
| GTIN | 4255752501046 |
| Series name | NAVARINO |
| Short description | LED Recessed spotlight, rotatable and swivelling |
| Material | Aluminium / PMMA |
| Colour | white structure |
| Type of surface | Structure |
| Shape | Round |
| Outer diameter | 93 mm |
| Built-in diameter min. | 68 mm |
| Built-in diameter max. | 68 mm |
| Installation depth | 28 mm |
| Hight | 35 mm |
| Weight | 0.223 kg |
| D licence plate | No |
| Conformance | CE, UKCA |

| Lighting technology | |
|---|---|
| Colour temperature | 3.000 K |
| Light colour | white |
| Light output | Direct/Indirect |
| Luminous flux | 510 lm |
| System efficiency | 85 lm/W |
| Colour rendering | CRI > 80 |
| Reflector | Without |
| Beam angle | 24° |
| 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 | 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. |
| Rated life time L70/B50 at 25 °C | 50,000 h |
| Energy efficiency class | not required |

| Mounting technology | |
|---|---|
| Mounting method | Recessed mounting |
| Place of installation | Ceiling-mounted |
| Adjustability | Rotable and pivoted |
| Swivel angle | 40° |
| Rotation angle | 355° |
| Max. ceiling thickness | 18 mm |
| Further references | No cover with thermal insulation material |
| Cover | Plastic, structured |
| Circlip | Without circlip |
| Suitable for through-wiring | Yes, with optional accessories |

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## NAVARINO LED Recessed spotlight, rotatable and swivelling

Article no. 12356173

| Packing data | |
|---|---|
| Gross weight | 0.261 kg |
| Length of packaging | 105 mm |
| Packaging width | 105 mm |
| Packaging hight | 70 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. |

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**NAVARINO LED Recessed spotlight, rotatable and swivelling**
Article no. 12356173

| Required accessories |
|---|
| Article no.: 17662000<br>LED converter 350 mA, on/off switchable<br>Power: 1 - 7,2 W, Plug&Play<br>Dimensions: 68 mm x 35 mm x 21 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf |
| Article no.: 17662020<br>LED converter 350 mA, on/off switchable<br>Power: 1 - 7,2 W, Plug&Play + Anschlussbox<br>Dimensions: 35 mm x 21 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf |
| Article no.: 17663000<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 2,8 - 7 W, Plug&Play<br>Dimensions: 110 mm x 50 mm x 19 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf |
| Article no.: 17663020<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 2,8 - 7 W, Plug&Play + Anschlussbox<br>Dimensions: 110 mm x 50 mm x 19 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf |
| Article no.: 17613000<br>LED converter 350 mA, on/off switchable<br>Power: 1 - 15 W, Plug&Play<br>Dimensions: 115 mm x 34 mm x 19 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf |
| Article no.: 17613020<br>LED converter 350 mA, on/off switchable<br>Power: 1 - 15 W, Plug&Play + Anschlussbox<br>Dimensions: 115 mm x 34 mm x 19 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf |
| Article no.: 17621000<br>LED converter 350 mA, on/off switchable<br>Power: 1 - 21 W, Plug&Play<br>Dimensions: 128 mm x 50 mm x 13 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf |
| Article no.: 17621020<br>LED converter 350 mA, on/off switchable<br>Power: 1 - 21 W, Plug&Play + Anschlussbox<br>Dimensions: 128 mm x 50 mm x 13 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf |
| Article no.: 17652000<br>LED-round converter 350 mA, trailing-edge phase dimmer<br>Power: 4,9 - 7 W, Plug&Play<br>Dimensions: 51 mm x 24 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf |
| Article no.: 17652020<br>LED-round converter 350 mA, trailing-edge phase dimmer<br>Power: 4,9 - 7 W, Plug&Play + Anschlussbox<br>Dimensions: 51 mm x 24 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf |

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## NAVARINO LED Recessed spotlight, rotatable and swivelling
Article no. 12356173

| Required accessories |
|---|
| Article no.: 17640000<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 4,2 - 10 W, Plug&Play<br>Dimensions: 102 mm x 38 mm x 21 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17640000_2021_DE.pdf |
| Article no.: 17640020<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 4,2 - 10 W, Plug&Play + Anschlussbox<br>Dimensions: 102 mm x 38 mm x 21 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17640020_2021_DE.pdf |
| Article no.: 17648000<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 0,7 - 17 W, Plug&Play<br>Dimensions: 166 mm x 46 mm x 34 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17648000_2021_DE.pdf |
| Article no.: 17648020<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 0,7 - 17 W, Plug&Play + Anschlussbox<br>Dimensions: 166 mm x 46 mm x 34 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17648020_2021_DE.pdf |
| Article no.: 17657000<br>LED converter 350 mA, 1-10 V dimmable (analog)<br>Power: 5,2 - 18 W, Plug&Play<br>Dimensions: 110 mm x 52 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf |
| Article no.: 17682000<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 1,8 - 18,5 W, Plug&Play<br>Dimensions: 146.5 mm x 43.5 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf |
| Article no.: 17682020<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 1,8 - 18,5 W, Plug&Play + Anschlussbox<br>Dimensions: 146.5 mm x 43.5 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf |
| Article no.: 17683000<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 3,5 - 17 W, Plug&Play<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf |
| Article no.: 17683020<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 3,5 - 17 W, Plug&Play + Anschlussbox<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf |
| Article no.: 17684000<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 2,8 - 7 W, Plug&Play<br>Dimensions: 130 mm x 42 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf |

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**NAVARINO LED Recessed spotlight, rotatable and swivelling**
Article no. 12356173

| Required accessories |
|---|
| Article no.: 17684020<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 2,8 - 7 W, Plug&Play + Anschlussbox<br>Dimensions: 130 mm x 42 mm x 22 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf |
| Article no.: 17658000<br>LED round converter 350 mA, DALI dimmable (digital)<br>Power: 2,1 - 9 W, Plug&Play<br>Dimensions: 56 mm x 25 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf |
| Article no.: 17658020<br>LED round converter 350 mA, DALI dimmable (digital)<br>Power: 2,1 - 9 W, Plug&Play + Anschlussbox<br>Dimensions: 56 mm x 25 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf |
| Article no.: 17671000<br>LED converter 350mA, ZigBee dimmable<br>Power: 3,5 - 18,5 W, Plug&Play<br>Dimensions: 146.5 mm x 44 mm x 30 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf |
| Article no.: 17671020<br>LED converter 350mA, ZigBee dimmable<br>Power: 3,5 - 18,5 W, Plug&Play + Anschlussbox<br>Dimensions: 146.5 mm x 44 mm x 30 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf |
| Article no.: 17672000<br>LED converter 350mA, Casambi dimmable<br>Power: 3,5 - 18,5 W, Plug&Play<br>Dimensions: 146.5 mm x 44 mm x 30 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17672000_2021_DE.pdf |
| Article no.: 17672020<br>LED converter 350mA, Casambi dimmable<br>Power: 3,5 - 18,5 W, Plug&Play + Anschlussbox<br>Dimensions: 146.5 mm x 44 mm x 30 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf |

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Article no. 12356173

| Optional accessories |
|---|
| Article no.: 81201170<br>Reducing ring D 110 mm, for luminaire cut-out size 68 mm<br><br>Dimensions: 110 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf |
| Article no.: 81202170<br>Reducing ring D 130 mm, for luminaire cut-out size 68 mm<br><br>Dimensions: 130 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf |
| Article no.: 81203170<br>Reducing ring D 145 mm, for luminaire cut-out size 68 mm<br><br>Dimensions: 145 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf |
| Article no.: 3835<br>Plug&Play extension cable 350 mA<br><br>Dimensions: 500 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf |
| Article no.: 3836<br>Plug&Play extension cable 350 mA<br><br>Dimensions: 1,000 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf |
| Article no.: 3837<br>Plug&Play extension cable 350 mA<br><br>Dimensions: 2,000 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf |
| Article no.: 5327<br>Leaf spring set (2 pieces)<br><br>https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf |

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