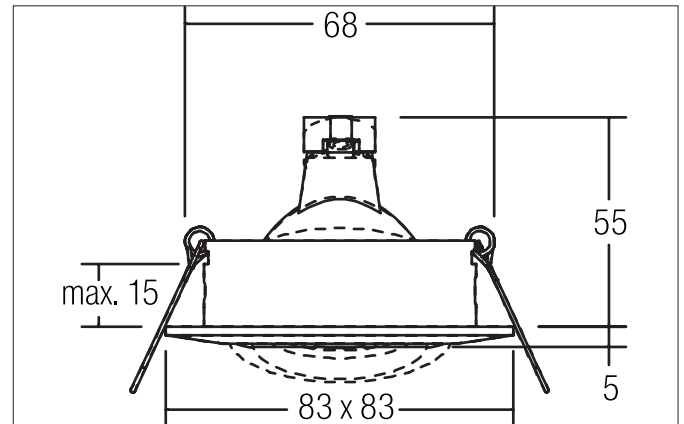




## BREENA-S Einbaustrahler, MR16

Article no. 1964.08



### Tender

Einbaustrahler, MR16, black matt, Square. In a compact design, for installation in tool-less rapid assembly systems. Lamp holder: GX5.3, Mounting method: Recessed mounting, Place of installation: Ceiling-mounted, Material: Zinc casting / Aluminium casting, Degree of protection: according to DIN EN 60529 IP20, Protection class: (EN 61140) III, Voltage: 12V, Power: 13 W, Amount of light sources / fittings: 1 Qty, Adjustability: Pivoted, without control gear, Dimmable: Depending on type of control gear, Control: Depending on driver.

### Product Benefits

- Einbaustrahler in quadratischer Bauform aus massivem Zinkguss und Aluminiumguss für LED-Retrofit-Lampen mit Sockel GX5,3 (Fassung mit Zuleitung 300 mm).
- Deckenausschnitt 68 mm, Länge 83 mm, Breite 83 mm, Einbautiefe 55 mm, IP20.
- Schwenkbereich 25°.
- Große Farbvarianz. Ohne sichtbaren Sprengring.
- Klassische, leicht gewölbte Formgebung.
- In gleicher Optik auch als GU10-Ausführung, als schaltbares und dimmbares Set (Phasenabschnitt) lieferbar.
- Zudem in gleicher Oberflächenstruktur und in gleichen Farben auch in Ausführung rund verfügbar.


**BREENA-S Einbaustrahler, MR16**

Article no. 1964.08

| Article data       |                                    |
|--------------------|------------------------------------|
| Article no.        | 1964.08                            |
| GTIN               | 4251433953807                      |
| Series name        | BREENA-S                           |
| Short description  | Einbaustrahler, MR16               |
| Material           | Zinc casting / Aluminium casting   |
| Colour             | black matt                         |
| Type of surface    | Matt                               |
| Shape              | Square                             |
| Length             | 83 mm                              |
| Width              | 83 mm                              |
| Built-in diameter  | 68 mm                              |
| Installation depth | 55 mm                              |
| Hight              | 5 mm                               |
| Scope of delivery  | inkl. Fassung mit Zuleitung 300 mm |
| Weight             | 0.197 kg                           |
| Conformance        | CE, UKCA                           |

| Operating technology of the luminaire |                                   |
|---------------------------------------|-----------------------------------|
| System output                         | 13 W                              |
| Voltage type                          | AC/DC                             |
| AC nominal voltage max                | 12 V                              |
| Frequency max                         | 50 Hz                             |
| Lamp                                  | For LED-retrofill lamp            |
| Lamp holder                           | GX5.3                             |
| Protection class                      | III                               |
| Degree of protection                  | IP20                              |
| Dimmable                              | Depending on type of control gear |
| Control                               | Depending on driver               |
| Bulb change possible                  | Yes                               |
| Energy efficiency class               | nicht erforderlich                |

| Mounting technology    |   |
|------------------------|---|
| Mounting method        | Recessed mounting   |
| Place of installation  | Ceiling-mounted   |
| Adjustability          | Pivoted   |
| Swivel angle           | 25°   |
| Max. ceiling thickness | 15 mm   |
| Further references     | No mounting box No cover with thermal insulation material Smarthome |
| Material cover         | Without cover   |
| Circlip                | Without circlip   |

| Packing data            |  |
|-------------------------|--|
| Gross weight            | 0.224 kg   |
| Length of packaging     | 115 mm   |
| Packaging width         | 90 mm  |
| Packaging hight         | 55 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> |


**BREENA-S Einbaustrahler, MR16**

Article no. 1964.08

| Compatible LED-modu- |        |            |                                |                       |                  |         |                 |
|----------------------|--------|------------|--------------------------------|-----------------------|------------------|---------|-----------------|
| Article no.          | Power  | Beam angle | Colour tempera-<br>ture        | Colour rende-<br>ring | Luminous<br>flux | Input   | Hight LED-Modul |
| 12925003             | 3 W    | 38°        | 2.700 K                        | CRI > 80              | 290 lm           | 350 mA  | 40 mm           |
| 12926003             | 3 W    | 38°        | 3.000 K                        | CRI > 80              | 310 lm           | 350 mA  | 40 mm           |
| 12925004             | 3 W    | 38°        | 4.000 K                        | CRI > 80              | 340 lm           | 350 mA  | 40 mm           |
| 12923383             | 6 W    | 38°        | 2.700 K                        | CRI > 80              | 740 lm           | 350 mA  | 32 mm           |
| 12923603             | 6 W    | 60°        | 2.700 K                        | CRI > 80              | 720 lm           | 350 mA  | 32 mm           |
| 12927383             | 6 W    | 38°        | 2.700 K                        | CRI > 90              | 600 lm           | 350 mA  | 32 mm           |
| 12924383             | 6 W    | 38°        | 3.000 K                        | CRI > 80              | 730 lm           | 350 mA  | 32 mm           |
| 12924603             | 6 W    | 60°        | 3.000 K                        | CRI > 80              | 770 lm           | 350 mA  | 32 mm           |
| 12928383             | 6 W    | 38°        | 3.000 K                        | CRI > 90              | 680 lm           | 350 mA  | 32 mm           |
| 12924384             | 6 W    | 38°        | 3.500 K                        | CRI > 80              | 730 lm           | 350 mA  | 32 mm           |
| 12924604             | 6 W    | 60°        | 3.500 K                        | CRI > 80              | 770 lm           | 350 mA  | 32 mm           |
| 12928384             | 6 W    | 38°        | 3.500 K                        | CRI > 90              | 680 lm           | 350 mA  | 32 mm           |
| 12923384             | 6 W    | 38°        | 4.000 K                        | CRI > 80              | 770 lm           | 350 mA  | 32 mm           |
| 12923604             | 6 W    | 60°        | 4.000 K                        | CRI > 80              | 790 lm           | 350 mA  | 32 mm           |
| 12927384             | 6 W    | 38°        | 4.000 K                        | CRI > 90              | 720 lm           | 350 mA  | 32 mm           |
| 12920183             | 6 W    | 18°        | 3.000 K                        | CRI > 80              | 740 lm           | 350 mA  | 31 mm           |
| 12920243             | 6 W    | 24°        | 3.000 K                        | CRI > 80              | 760 lm           | 350 mA  | 31 mm           |
| 12920003             | 6 W    | 38°        | 3.000 K                        | CRI > 80              | 780 lm           | 350 mA  | 31 mm           |
| 12920603             | 6 W    | 60°        | 3.000 K                        | CRI > 80              | 760 lm           | 350 mA  | 31 mm           |
| 12920184             | 6 W    | 18°        | 4.000 K                        | CRI > 80              | 780 lm           | 350 mA  | 31 mm           |
| 12920244             | 6 W    | 24°        | 4.000 K                        | CRI > 80              | 790 lm           | 350 mA  | 31 mm           |
| 12920004             | 6 W    | 38°        | 4.000 K                        | CRI > 80              | 810 lm           | 350 mA  | 31 mm           |
| 12920604             | 6 W    | 60°        | 4.000 K                        | CRI > 80              | 780 lm           | 350 mA  | 31 mm           |
| 12963383             | 6 W    | 38°        | 3.000 K - 1.800 K              | CRI > 90              | 460 lm           | 350 mA  | 32 mm           |
| 12963603             | 6 W    | 60°        | 3.000 K - 1.800 K              | CRI > 90              | 460 lm           | 350 mA  | 32 mm           |
| 12953003             | 12 W   | 38°        | 2.700 K                        | CRI > 80              | 1,130 lm         | 350 mA  | 70 mm           |
| 12954003             | 12 W   | 38°        | 3.000 K                        | CRI > 80              | 1,360 lm         | 350 mA  | 70 mm           |
| 12954004             | 12 W   | 38°        | 3.500 K                        | CRI > 80              | 1,290 lm         | 350 mA  | 70 mm           |
| 12953004             | 12 W   | 38°        | 4.000 K                        | CRI > 80              | 1,300 lm         | 350 mA  | 70 mm           |
| 12965003             | 12 W   | 38°        | 3.000 K - 1.800 K              | CRI > 90              | 930 lm           | 350 mA  | 70 mm           |
| 12983003             | 12.5 W | 38°        | 3.000 K                        | CRI > 97              | 920 lm           | 350 mA  | 95 mm           |
| 12823003             | 8 W    | 60°        | 2.850 K                        | CRI > 90              | 900 lm           | 24.00 V | 50 mm           |
| 12843004             | 8 W    | 60°        | 2.000 K - 6.500 K              | CRI > 90              | 640 lm           | 24.00 V | 50 mm           |
| 18438002             | 8 W    | 60°        | RGB+WW                         | CRI > 90              | 400 lm           | 24.00 V | 50 mm           |
| 12929503             | 6.3 W  | 50°        | 2.700 K / 3.000 K<br>/ 4.000 K | CRI > 80              | 971 lm           | 350 mA  | 34 mm           |

**Optional accessories**

Article no.: 5366

Bügel mit Fassung GX5,3, mit Zugentlastung

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00536600\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00536600_2021_DE.pdf)

Article no.: 5358

Bügel mit Fassung GZ10, mit Zugentlastung

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00535800\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00535800_2021_DE.pdf)