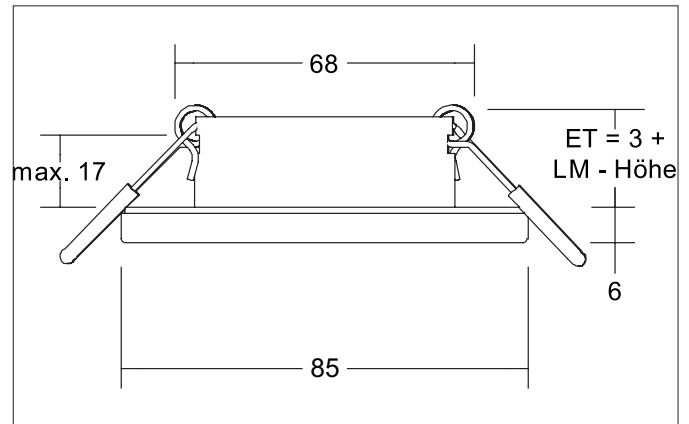


PROTECT-R Recessed downlight, IP44, without LED module

Article no. 20044180


Tender

Recessed downlight, IP44, without LED module, transparent glass cover, textured black, round. Designed in a compact design for tool-free quick installation for recessed ceiling mounting. All Brumberg MR16 LED modules can be used for the PROTECT recessed unit. The installation depth of the luminaire depends on the LED module used (here: 3 mm, plus height of the LED module).

The LED module is not included in the scope of delivery of the installation unit. Version: without socket, Mounting type: recessed mounting, Mounting location: ceiling mounting, Material: aluminum / glass, Protection rating on room side: to DIN EN 60529: IP44, Protection class: (EN 61140) III, Power: 13 W, Adjustability: non-adjustable, without control gear, Type of dimming: Dependent on control gear.

Product Benefits

- Rigid recessed downlight in round design made of solid aluminum for LED modules with max. 12.5 W output.
- Protection class on room side IP44 (for installation in closed ceilings)
- Ceiling cut-out 68 mm, diameter 85 mm, installation depth 3 mm (plus height of LED module), ceiling thickness max. 17 mm.
- Without visible snap ring.
- LED module fitted from the room side, cover is screwed on.
- Classic, formally restrained design.
- Covered with clear glass (also available with satinized glass as a variant). also available.
- Also available with the same surface structure and in the same color also available in a square version.

PROTECT-R Recessed downlight, IP44, without LED module

Article no. 20044180

Article data	
Article no.	20044180
GTIN	4251433981374
Series name	PROTECT-R
Short description	Recessed downlight, IP44, without LED module
Material	Aluminium / Glass
Colour	Black
Type of surface	Structure
Shape	Round
Outer diameter	85 mm
Built-in diameter	68 mm
Hight	6 mm
Scope of delivery	incl. glass cover clear
Weight	0.080 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	Je nach verwendetem Brumberg MR16-LED-Modul
Light output	Direct
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
System output	13 W
Voltage type	DC
Lamp	For LED
Lamp holder	Without fitting
Protection class	III
Degree of protection	IP44
Protection class on the ceiling side	IP20
Control	Depending on driver

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	17 mm
Further references	No cover with thermal insulation material
Material cover	Glass transparent
Circlip	Without circlip

Packing data	
Gross weight	0.109 kg
Length of packaging	115 mm
Packaging width	88 mm
Packaging hight	54 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. 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.

PROTECT-R Recessed downlight, IP44, without LED module

Article no. 20044180

Compatible LED-modu-							
Article no.	Power	Beam angle	Colour tempera- ture	Colour rende- ring	Luminous 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 / 4.000 K	CRI > 80	971 lm	350 mA	34 mm