we-ef

WE-EF LIGHTING

Installation and
Maintenance Instructions for
Recessed Exterior Downlight

DOC220 LED

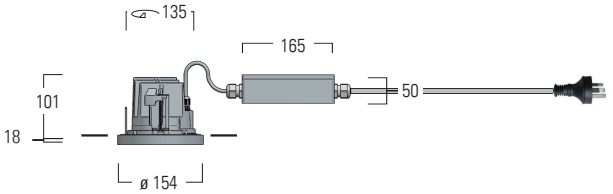
DOC240 LED

DOC240-GB LED

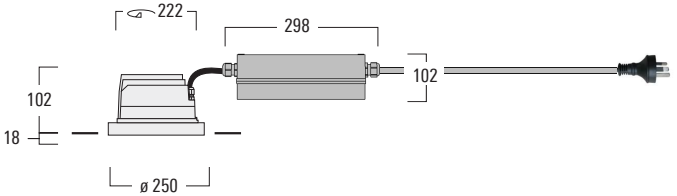
we-ef
INSTALLER
HOTLINE
+61 458 933 399
7am – 7pm AEST

Recessed Exterior Downlight

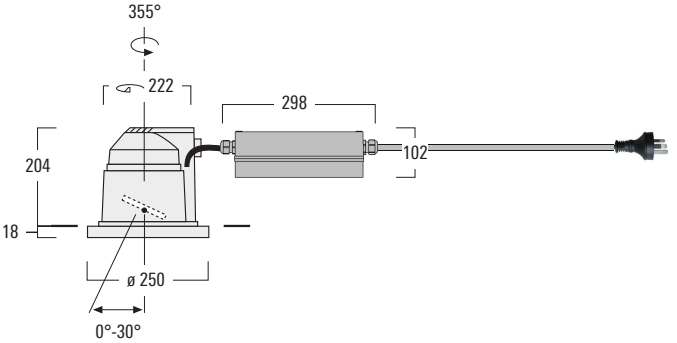
DOC 220



DOC 240



DOC 240-GB



Lamps

DOC220 12 LED 24W*

DOC240 24 LED 48W* / DOC240-GB 12 LED 18W*

* Nominal power, for latest data refer to www.we-ef.com

Protection IP66, IK07

Class I, ta 40°C

Supplied with flex and 3 pin standard plug for ON/OFF operation.

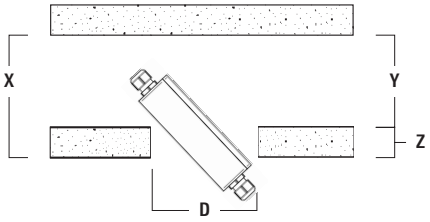
Supplied with five core flylead for DALI dimming operation.

Torque

Screw	Torque
M4	max. 2,0 Nm
M5	max. 4,0 Nm
M6	max. 6,0 Nm
M8	max. 15,0 Nm
M16	max. 100,0 Nm

Installation Dimensions

Luminaire	X	Y	Z	D
DOC220 12LED	-	120	max. 40	135
DOC240 24LED	-	120	max. 40	222
DOC240-GB LED	205		max. 40	222



Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/construction and/or electrical regulations and relevant legislation.

ϟ Warning:

Switch off and isolate the mains electrical supply prior to installing and connecting the luminaire. Do not open the luminaire while mains supply is switched on.

Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

In case of component failure due to abnormal circum-stances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

Installation Procedure

1) Switch off and isolate the mains electrical supply ϟ.
2) The DOC220/240 is supplied with a flex and plug **A** for standard operation, and a five core fly-lead for DALI dimming. There is no requirement to open the gear box **B**.
3) Lead the gear box **B** through the prepared ceiling opening (D=135mm DOC220/D=225mm DOC240). As required, terminate the plug or fly lead cable.
4) Remove the three lens retaining screws, **C** and remove the frame **D** by pressing the legs of the frame retainer **E** (Fig 2).
5) Place the luminaire into the ceiling cutout (Fig 3) or the pre-installed blockout BD022 (DOC220) or BD024 (DOC240).
6) Firmly tighten the screws in Fig 4. marked **F**. If an electronic driver is used ensure a torque setting is selected. As the screws are tightened the clamps **G** release from the installation position and will hold the luminaire to the ceiling.
7) For version GB (with Gimbal), by loosening of screw **H** the reflector unit can get turned around the vertical axis. Afterwards firmly tighten screw **H** (see Fig. 5). The inclination of the reflector can get adjusted from 0° up to 30° by twisting of the reflector holder.
8) Re-atach the frame, by pressing the frame retainer **E** legs to attached the frame to the luminaire. Tighten the three retention screws **C**.

Maintenance

Apart from cleaning the outside of the luminaire, no special maintenance work is necessary.

DO NOT USE HIGH PRESSURE CLEANERS

High pressure cleaners can exceed the requirements of IP66.

ESD Sensitivity

LED products are sensitive to Electrostatic Discharge. DO NOT touch the LEDs or LED connecting cables. It is recommended to discharge to ground prior to touching the opened luminaire.

fig. 1

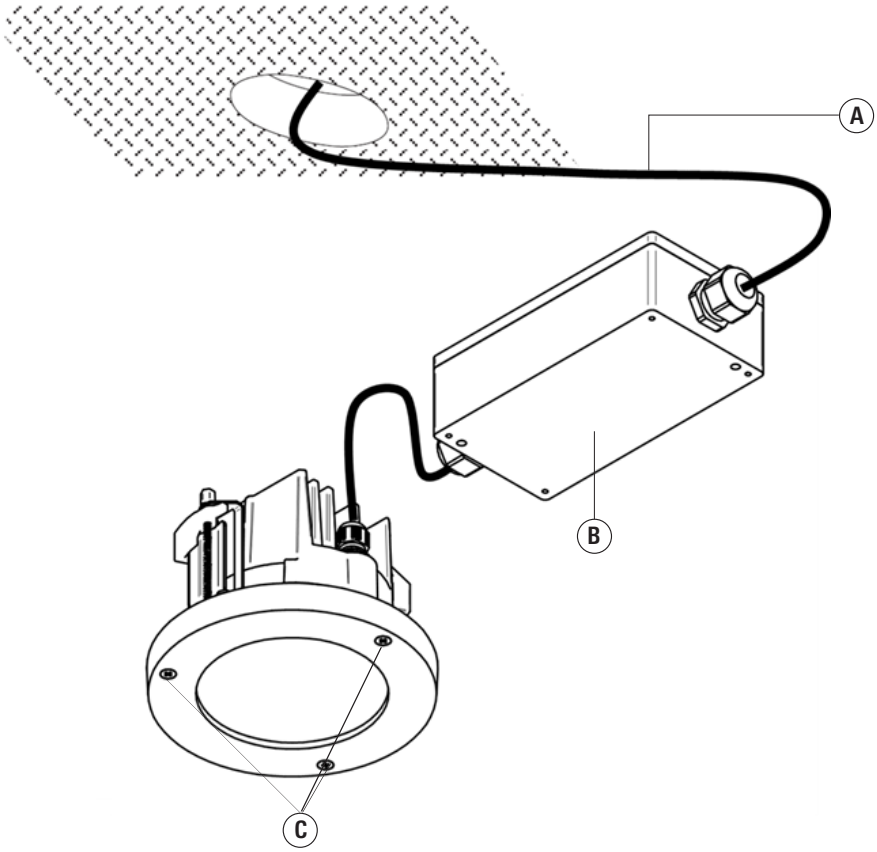


fig. 2

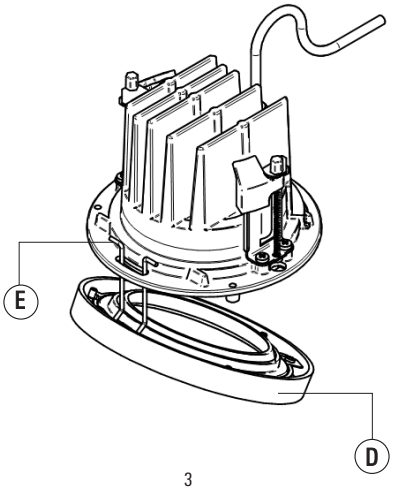


fig. 3

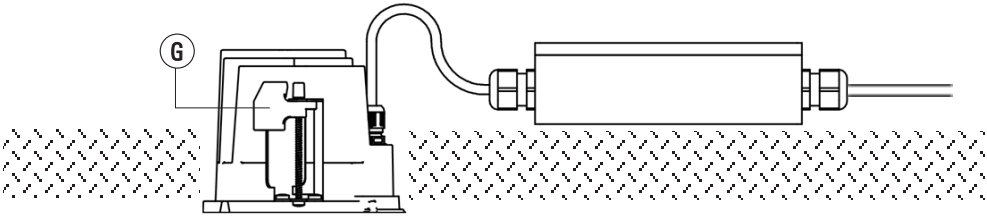
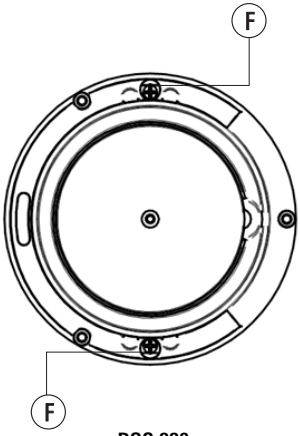
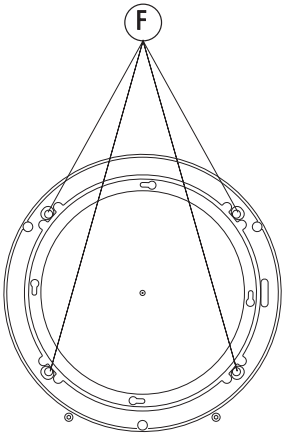


fig. 4

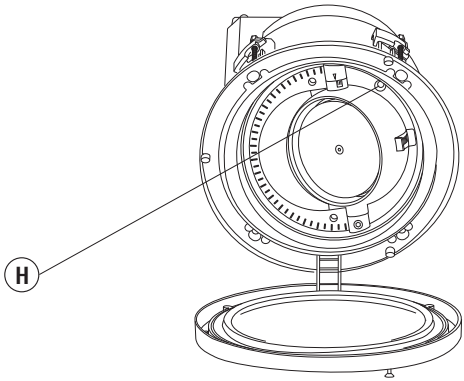


DOC 220



DOC 240

fig. 5



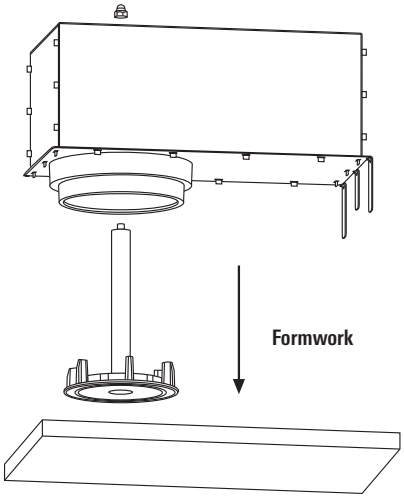
Installation Blockout - Proud Version

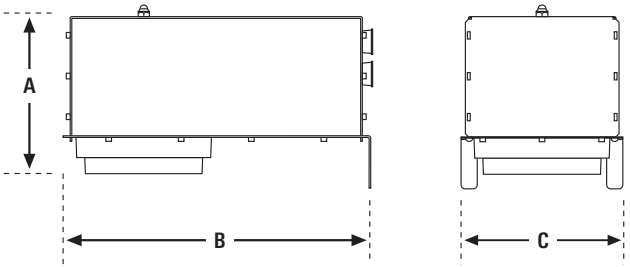
DOC 220

Product ID	Type	A	B	C
134-0797	**BDO22-I**	209	384	200

DOC 240

Product ID	Type	A	B	C
134-0798	**BDO24-I**	285	574	305





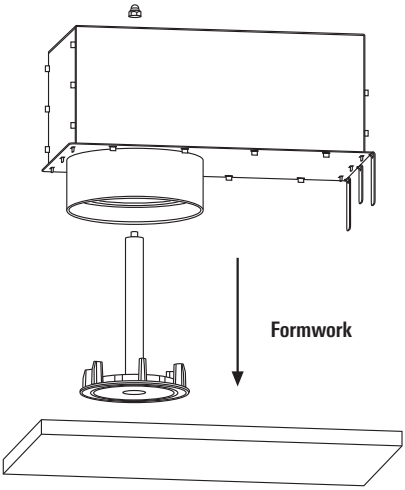
Installation Blockout - Flush Version

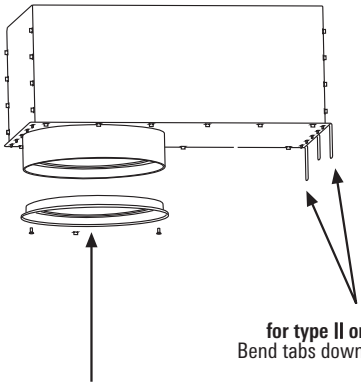
DOC 220

Product ID	Type	A	B	C
134-1161	**BDO22-II**	227	384	200
134-1497	**BDO22-III**	227	384	200

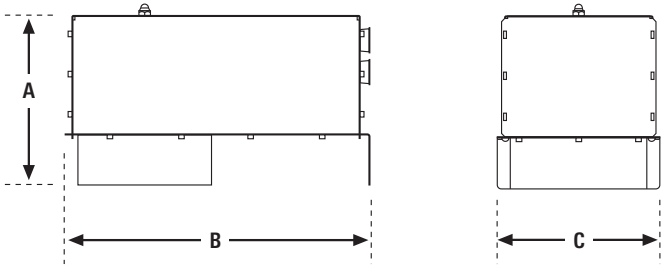
DOC 240

Product ID	Type	A	B	C
134-1162	**BDO24-II**	303	574	305
134-1498	**BDO24-III**	303	574	305





Cover Do not fix cover before formwork is removed!



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DOC220/240_LED_230418

Technical specifications are subject to change.

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Safety Notice

The manufacturer is discharged from liability when damage is caused by improper use or incorrect installation.

Warranty and liability from the manufacture is void If any luminaire and/or accessory is subsequently modified.