

# Installation Instructions for:- 'Vela Advance' Range -LED 30, 60 & 90 Mins Fire Rated Mains Voltage Dimmable Downlights

**Part numbers:****Fixed:- ADV3000W & ADV4000W****Anti-glare:- ADVAG3000W & ADVAG4000W****Tilt:- ADVT3000W & ADVT4000W**

## IMPORTANT INFORMATION

It is recommended that luminaires are installed and fitted by a qualified electrician ensuring the installation complies to the current IET wiring regulation.

If replacing existing fitting, please ensure you follow these instructions and the appropriate wiring regulations. This product is designed for connection to a 230V AC Mains supply.

Always switch off mains supply before servicing a fitting. Special attention should be paid for any installations with low ceiling voids.

This fitting is compatible with most leading and trailing edge dimmers for best results use a dimmer designed for LED drivers.

Please note that many dimmers have a minimum load requirement which may mean multiple units have to be connected for the dimmer to function correctly.

Please see GreenBrook website for compatible dimmers - [www.greenbrook.co.uk](http://www.greenbrook.co.uk).

## INSTALLATION INSTRUCTIONS

We recommend that a sample hole is cut in some scrap material to familiarise yourself with the installation.

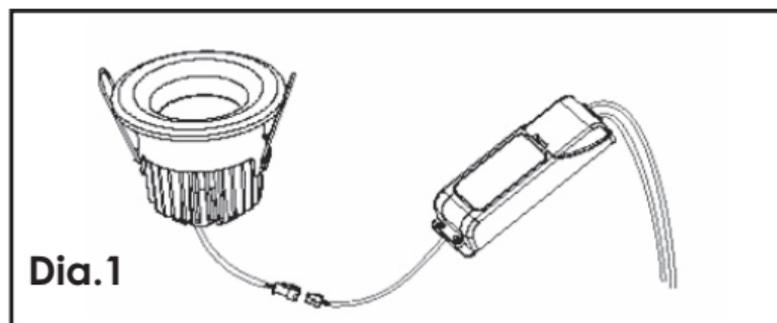
Once you are completely satisfied, locate the areas suitable to install these luminaires. Cut a suitable round hole in the ceiling (see cut out size in table overleaf) and ensure there is sufficient space in the ceiling void without infringing on joist, water pipes or electrical cables.

Fit this product as illustrated. Connect this product to a mains 230V supply only. Connect the Brown feed wire to "L", connect the Blue feed wire to "N". Driver is class 2 and does NOT require an earth connection. However 2 earth connections are provided on the driver to maintain circuit earth continuity.

Ensure there is adequate free air ventilation around the fitting. The nearest illuminated surface must be at least 0.5m distance from the front of the fitting. Do not install this product into new plaster or damp areas.

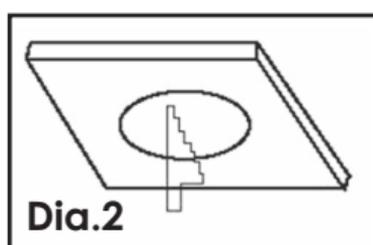
**Stage 1 -**

Read instructions and check you have all the tools and accessories to complete installation correctly.

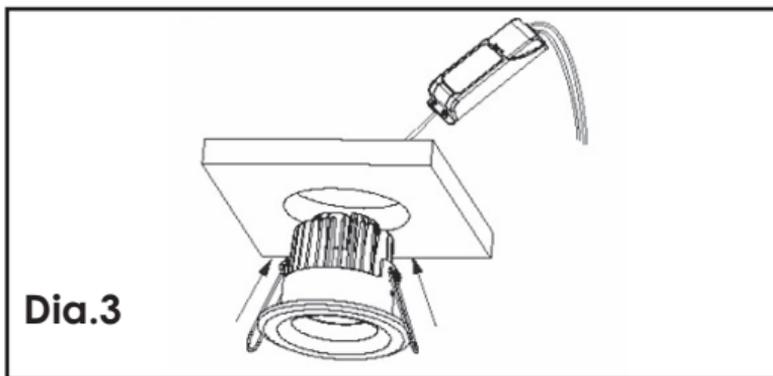
**Stage 2 -**

These luminaires are suitable for a 30, 60 or 90 minute fire rated ceiling only.

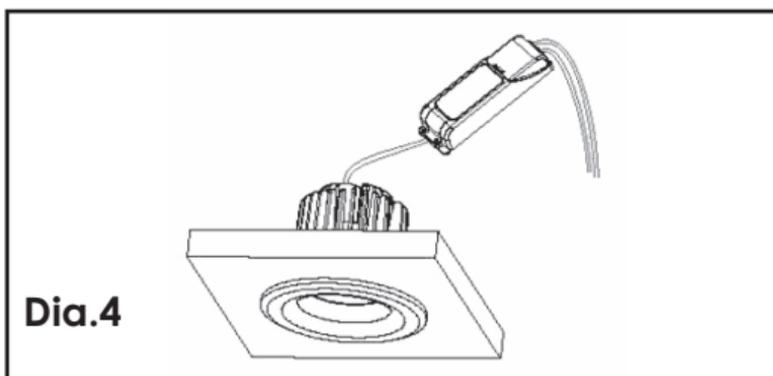
Cut a suitable hole (sizes shown in the technical information table overleaf).

**Stage 3 -**

Press springs back and push luminaire body into aperture. Connect the luminaire to the supplied driver. As shown overleaf.



**Dia.3**



**Dia.4**

**Additional Bezels:-**

**Fixed**

ADVBEZG	Gold
ADVBEZMB	Matt Black
ADVBEZSC	Satin Chrome
ADVBEZPC	Polished Chrome

**Anti-Glare**

ADVAGBEZG	Gold
ADVAGBEZMB	Matt Black
ADVAGBEZSC	Satin Chrome
ADVAGBEZPC	Polished Chrome

**Tilt**

ADVTBEZG	Gold
ADVTBEZMB	Matt Black
ADVTBEZSC	Satin Chrome
ADVTBEZPC	Polished Chrome

**TECHNICAL INFORMATION**

Rated Voltage:	230V~50Hz
Circuit Wattage:	9W
Ballast Type:	LED driver
Class:	II
Current:	200mA
CRI:	>85
Beam Angle:	55°
Operating Temperature:	-20°C - +40°C
IP Rating:	IP65
Life Span:	50,000 hours
<b>ADV3000W</b>	
Cut Out:	73mm
Colour Temp:	3,000K
Luminaire Lumens Output:	820, 90 lm/W
<b>ADVAG3000W</b>	
Cut Out:	73mm
Colour Temp:	3,000K
Luminaire Lumens Output:	670, 73 lm/W
<b>ADVT3000W</b>	
Cut Out:	83mm
Colour Temp:	3,000K
Luminaire Lumens Output:	820, 90 lm/W
<b>ADV4000W</b>	
Cut Out:	73mm
Colour Temp:	4,000K
Luminaire Lumens Output:	850, 92 lm/W
<b>ADVAG4000W</b>	
Cut Out:	73mm
Colour Temp:	4,000K
Luminaire Lumens Output:	690, 77 lm/W
<b>ADVT4000W</b>	
Cut Out:	83mm
Colour Temp:	4,000K
Luminaire Lumens Output:	850, 92 lm/W

**GUARANTEE**

*Your GreenBrook LED Fire Rated Downlight is guaranteed for 5 years from the date of purchase. This is in addition to your statutory rights.*

**PLEASE KEEP THESE INSTRUCTIONS SAFE FOR FUTURE REFERENCE**



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**EMC**