

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

**Part numbers:****Fixed:- V73000W & V74000W****Anti-glare:- V7AG3000W & V7AG4000W****Tilt:- V7T3000W & V7T4000W****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 simply 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 to 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 our website at [www.greenbrook.co.uk](http://www.greenbrook.co.uk) for details of compatible dimmers.

Do not stare directly in to the light fitting.

**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. Ensure there is sufficient space in the ceiling void without infringing on joist, water pipes or electrical cables.

Fit this product as illustrated in Dia.1 & 2. Connect this product to a mains 230V supply only.

Driver terminals accept cable diameters 0.75mm<sup>2</sup> to 2.5mm<sup>2</sup>.

Ensure to strip back at least 8mm of cable before installation.

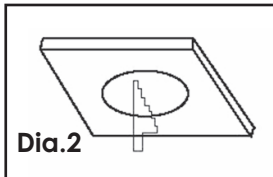
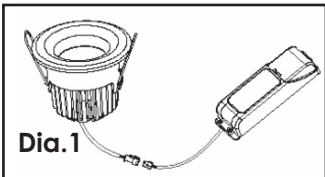
Connect the Brown feed wire to "L", connect the Blue feed wire to "N". The Driver is class 2 and does NOT require an earth connection. However 2 earth connections are provided on the driver to maintain earth circuit continuity.

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 -**

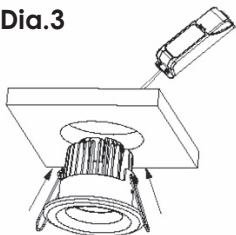
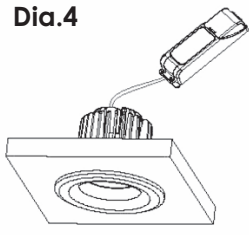
These luminaires are suitable for a 30, 60 or 90 minute fire rated ceiling only.

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

**Stage 3 -**

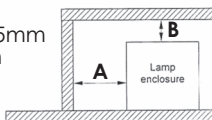
Wire up driver as per installation instructions.

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

**Dia.3****Dia.4****Air Circulation Information -**

To prevent accidental damage to the luminaire and to ensure good air flow around the fitting we recommend the minimum clearances as shown.

A = 50 - 75mm  
B = 25mm

**Additional Bezels:-****Fixed**

ADVBEZG Gold  
ADVBEZMB Matt Black  
ADVBEZSC Satin Chrome  
ADVBEZPC Polished Chrome

**Anti-Glare**

ADVAGBEZG Gold  
ADVAGBEZMB Matt Black  
ADVAGBEZSC Satin Chrome  
ADVAGABEZPC Polished Chrome

**Tilt**

ADVTBEZG Gold  
ADVTBEZMB Matt Black  
ADVTBEZSC Satin Chrome  
ADVTBEZPC Polished Chrome

**TECHNICAL INFORMATION****Driver Information**

Driver Input Voltage:	230V ~ 50Hz
Driver Voltage Output:	36V
Circuit Wattage:	7W
Ballast Type:	LED driver
Driver Class:	II
Current:	150mA

**Light Fitting Information**

CRI:	>80
Beam Angle:	55°
Operating Temperature:	-20°C - +40°C
IP Rating (Front face):	IP65
Voltage Input:	36V
Current:	150mA
Life Span:	50,000 hours
Conforms to:	Part B, C, E & L
Light Output:	Flicker free

**V3000W**

Cut Out:	73mm
Colour Temp:	3,000K
Luminaire Lumens Output:	700, 100 lm/W

**V7AG3000W**

Cut Out:	73mm
Colour Temp:	3,000K
Luminaire Lumens Output:	610, 96 lm/W

**V713000W**

Cut Out:	83mm
Colour Temp:	3,000K
Luminaire Lumens Output:	700, 100 lm/W

**V4000W**

Cut Out:	73mm
Colour Temp:	4,000K
Luminaire Lumens Output:	720, 103 lm/W

**V7AG4000W**

Cut Out:	73mm
Colour Temp:	4,000K
Luminaire Lumens Output:	680, 96 lm/W

**V714000W**

Cut Out:	83mm
Colour Temp:	4,000K
Luminaire Lumens Output:	720, 103 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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