

Read these instructions before commencing installation and retain for future reference. This leaflet is for installation guidance only, it does not indicate suitability for use or application.



WARNING - Isolate the electrical supply before undertaking any electrical/wiring activities. Installation should be undertaken by a competent electrician in accordance with the relevant wiring/building regulations applicable to the site/installation.



<p>Specification</p> <p>Mounting Recessed</p> <p>Ingress 282X : IP44 283X : IP20 284X : IP44</p> <p>Driver 250mA Constant current Single LED forward voltage @250mA - 18V For driver specifications, please see driver label</p> <p>Standards</p> <p>Downlight Driver EN 60598-2-2 Recessed luminaire requirements EN 61347-2-3 Lamp control gear requirements EN 62384 Electronic control gear for LED Drivers EN 55015 EN 61000-3-2 } EMC requirements EN 61547</p>	<p>LED Driver wiring, refer to driver label and instructions for full details</p> <p>Input L : Live (Brown) N : Neutral (Blue)</p> <p>Output + : Positive (Red) - : Negative (Black)</p> <p>Example of mains phase L/TE dimming</p> <p>Example of 0-10V and DALI dimming driver</p>
---	--

Hole Cutout

Cone 60° - 282X
Ø57mm

Round Tilt 60° - 283X
Ø52mm

Cone 50 Straight - 284X
Ø40mm

Ensure surface is suitable for installing the downlight and that any drivers required can either be installed through hole or located near to the downlight. For installations where the driver does not fit through hole, use plug and play extension cables.

Cut hole in ceiling allowing adequate clearances around the fitting, ensure location is free from insulation material and where the ambient temperature will not exceed the drivers ta rating.

* - Can be installed using a through hole driver

Ensure 25mm clearance around fitting

Connect the fitting to the LED driver, ensure that the LED driver is pushed away from the cutout and will not interfere with the fitting. Ensure that any IP rated gaskets are fitted before installation

For fittings with springs or wings - Cone 60 and Round Tilt 60 - hold back the retention clips/wings and insert into cutout, the clips will spring back and secure the fitting into place.
For fittings with compression clips - Cone 50 Straight - press the fitting into cutout

To remove, gently pull the fitting away from ceiling, once the spring/clips are visible, hold them back to ensure they do not damage the ceiling finish.

WARNING
Always isolate the mains supply whilst connecting LED engine to driver. Failure to do so could cause damage to the LED engine and LED driver