

drivers • controls • user interfaces



**LED Solutions**

# Step into the world of LED



Helvar's first LED driver products can be controlled by our system solutions to provide easy switching control via relay control units; operated through easy user interfaces such as button panels and Touch Panels. Helvar's aim is to provide sustainable and future proof LED concept solutions.

## **Vision**

More LED product developments are in the pipeline striving to provide complete solutions for ambience and decorative applications, dynamic lighting to stimulate health and well being as well as energy saving solutions to meet green credentials in buildings.



## LED Control Gear

Helvar's constant current converters (LL6-U-CC & LL20-U-CC) provide power with high efficiency to the LED light source. These products are designed to meet the most stringent reliability demands for indoor LED applications. Typical applications include lobbies, corridors and entrances using LED down lighters.

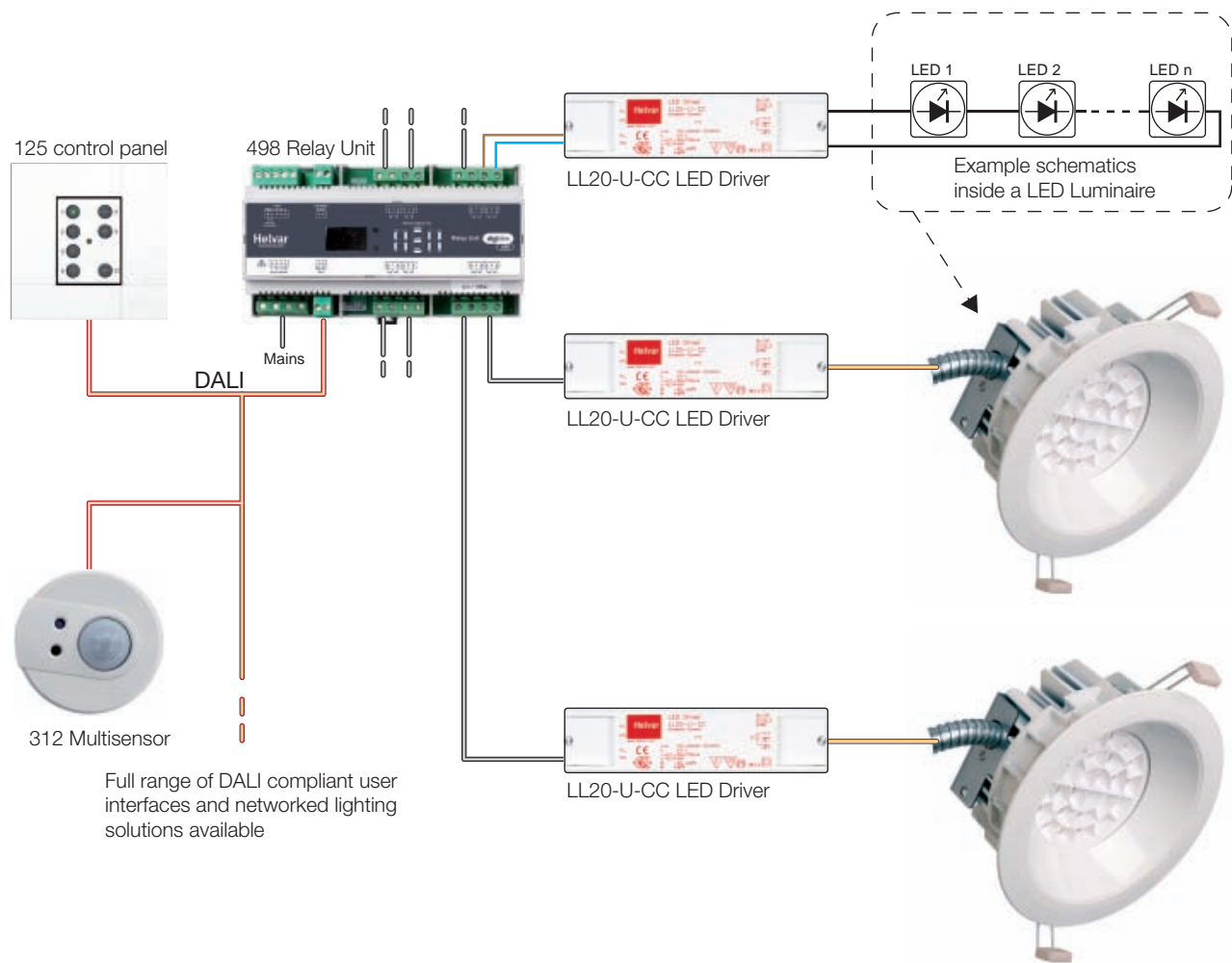
The units are also suitable for spotlights in retail and refurbishment applications; not to forget emergency lighting.

### Key features and benefits:

- High efficiency (>0.8); reduces power consumption and thermal stress
- Dual current output, 350 mA / 700 mA; logistical benefit
- Universal mains input; to operate globally
- Built-in strain release for independent usage
- Spring-clip connector; easy and quick installation on site

# Typical schematic

Following schematic illustrates an LED downlight application (e.g. office lobby) as an integrated part of the Digidim lighting control solution. In this case Helvar's LED drivers are switched automatically through a time schedule and presence detection sensor. Alternatively the end-user can manually control the LED downlight via the Digidim button panel.



Due to our continuing program of product development, data is subject to change without notice.



FIN +358 9 56 541  
 UK +44 1322 222211  
 S +46 8 545 239 70  
 I +39 02 55 30 10 33  
 D +49 (0) 6104 / 78075 - 0  
 FR +33 1 3418 1281  
 HU +36 1 2393 136  
 RU +7-495-728 82 91

Contact your local Helvar representative or visit us online at [www.helvar.com](http://www.helvar.com)