

simple to install • easy to operate • very flexible • creates the perfect mood



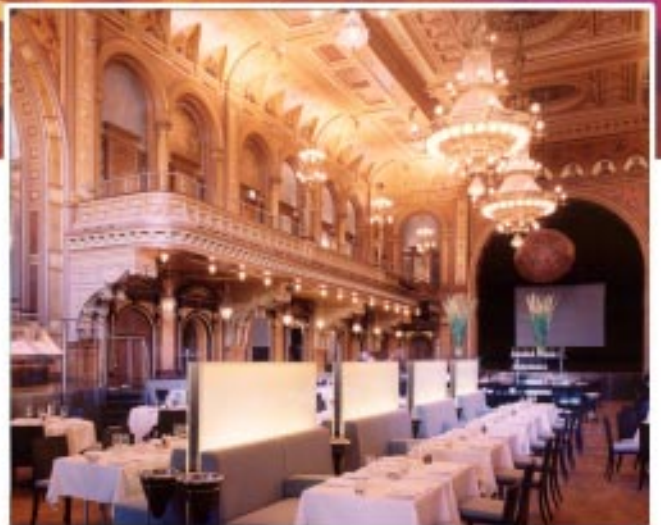
## Architectural lighting control Solution

Lighting the way forward



### **Making a Difference...**

Many buildings can have their appearance enhanced by a lighting control system. This can be internal or external lighting control to reflect the time of the day or the required mood. Automatic control using a built-in astronomical time clock allows the use of dawn and dusk scenes that can enhance the appearance of the building in relation to its surroundings. Push button control panels can also be used to permit manual control of the system should this be needed.





## Restaurant

Successful restaurants create the correct atmosphere to suit their clientele through a combination of decoration, lighting, music as well as fixtures and fittings. Lighting control in a restaurant, however, needs to offer the flexibility to easily create a variety of lighting scenes from a bright and lively breakfast or lunch setting through to a more intimate dining experience.

## Museums & Galleries

Lighting control can provide a wide variety of scene setting levels to highlight exhibits and yet maintain appropriate light levels for background ambience. Attractive control panels can provide a museum with a stylish, user friendly interface for setting a variety of lighting scenes to suit time-of-day. As exhibits are moved or updated the system is easy to re-program to meet the new requirements.

## Cruise Ships

The modern cruise liner is a combination of a luxury hotel, a theme park, a shopping mall, a casino, and theatre all rolled into one. A lighting scheme is designed to the same standard and specification as a land-based entertainment complex or attraction and will accentuate and complement the moods, effects, and times of day or night onboard.

## The Benefits...

### Installation and cost savings

Whether using ballasts or dimmers a single, inexpensive mains cable can be used. To further reduce installation costs it is not necessary to daisy chain the connections through every fitting, as the cabling can be spur connected to any point.

### Automation.

With a modern lighting solution it is simple to create a fully automatic system. An astronomical time clock allows the programming of dawn and dusk events which can control not only lighting scenes but curtains, blinds or even audio-visual systems. Events can be timed using the in-built scheduling software and scenes set to suit the areas current requirements.

### Maintenance

Use of soft start circularity prolongs lamp life. This can be extended further by reducing light output from the lamp, thus extending the period between costly re-lamping of fittings.

## Hotel Receptions

The lobby of any hotel makes a strong statement about the kind of establishment it is. Whether a huge atrium, or a discreetly panelled space, most will include a lounge area of some kind and at least some element of natural light. The main purpose of lighting control for such environments is to make the hotel look as inviting as possible, so a simple timing system, automatically selected to match the time of day is often used. It will range from a cheery and bright look in the mornings, to more subdued lighting in the evenings.



## Who are Helvar?

Helvar develops, manufactures, and markets ballasts and lighting electronics for the luminaire industry and other customers specialising in lighting.

Helvar has a long tradition as a forerunner in its field, and always utilises the latest technology to ensure that its products are of high quality, have first-class technical properties and conform to local regulations.

Helvar focuses on controllable and non-controllable electronic ballasts, lighting control products and magnetic ballasts, thus offering its customers a tailored products and solution portfolio.

Helvar has its headquarters and ballast competence centre in Karkkila, Finland. The lighting control system competence centre is located in London, England. Helvar has its own sales offices and representatives all over the world.

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