



**PHILIPS**

TrustSight

LED Emergency  
drivers



# Safety and peace of mind

TrustSight LED Emergency drivers

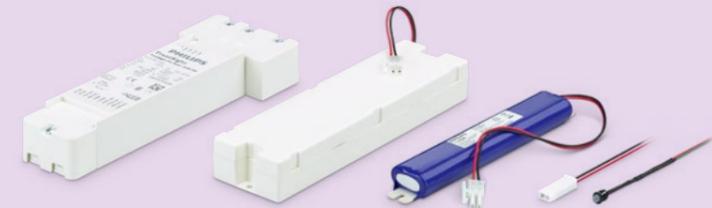
# They'll never see it until they need it

Without emergency lighting in place power cuts can have devastating consequences in offices, retail environments and public buildings. Not only can open areas and internal spaces be plunged into darkness but escape routes can also become impossible to find.

Philips Lighting is a global market leader with recognized expertise in the development, manufacturing and application of innovative lighting solutions, including emergency lighting. With Philips Bodine, market leader in emergency lighting in the US, we have more than 60 years' experience in emergency lighting. Philips emergency lighting's products are solidly engineered so that, in the event of an emergency situation requiring building evacuation, emergency lighting guides occupants along a well lit exit route. We help to prevent injury en route and play a key role in the smooth, swift, successful passage of occupants to safety. And by doing so improving the lives of people.



## TrustSight LED Emergency systems **what's new?**



The new generation Philips TrustSight LED Emergency drivers and batteries are a failsafe solution. A simple choice if you design or manufacture fixtures for indoor applications that do not have emergency power as a back up for their lighting.

TrustSight systems include a range of features that have been designed to optimize system value:

- › Dedicated solutions for linear, point and downlight applications
- › Significantly smaller housing sizes
- › Genuine 21mm linear driver height
- › Forward voltage window suits new generation of LED boards
- › Easy to install via automatic current-setting and battery selection

### Easy to design-in to a wide range of luminaires and applications

#### Luminaires:

- › Office (surface mounted, recessed or suspended)
- › Waterproof
- › High bay
- › Downlights

#### Applications:

- › Office buildings
- › Public buildings (airports, cinemas, theaters, exhibition halls)
- › Retail (fashion, supermarkets, DIY)

# TrustSight point and linear emergency drivers

Our new TrustSight LED Emergency drivers are available in two configurations to offer you the ultimate in flexibility, reliability and system performance.

“As LEDs become more efficient, LED generation management will become one of your most complex challenges.”

## TrustSight at a glance:

- › Easy to design-in by Constant Power Output, auto current setting
- › Automatic battery (emergency time) selection (no jumper setting)
- › Easy wiring & independent housing for downlights
- › Battery life 1 or 3 hours for 3W
- › Integrated monthly automatic smart self-test with periodic discharge cycle for long battery life
- › Designed for Philips Fortimo/CertaFlux and third party modules



### Flexible and smart

As LEDs become more efficient, LED generation management will become one of your most complex challenges. TrustSight LED Emergency systems make things simple. The future-proof design works with practically all the latest generation LED drivers and modules. The dedicated systems support point LED sources (15 - 55V) and linear LED sources (20 - 95V). The smart system is optimized to work with Xitanium LED drivers with Fortimo LED lines, strips, squares and DLM systems.

### A design-in dream

TrustSight LED Emergency systems have the flexibility to complement original architectural and lighting designs. The small dimensions are easy to design into a wide range of applications from downlights and linear fixtures to square or high bay solutions. You can even have the option of a complete independent solution for point applications. They're also easy to install and configure, saving valuable time and reducing installation costs.

### Small is beautiful

Standard housing and small system dimension make TrustSight easy to design into luminaires.

# Built-in protection and **peace of mind**

TrustSight LED Emergency drivers and batteries are designed to offer you a failsafe solution for total peace of mind. In the event of AC power loss, the emergency driver immediately switches from battery charge mode to illumination mode. It takes over the function of the standard LED driver, operating your LED luminaire as a de-centralized system when mains power fails. So you can promise your customers that their escape routes and exits will always be illuminated.

“ **Lighting manufacturers** can't afford to compromise on safety.”

## Features & Benefits

TrustSight LED Emergency systems come with the following protection features as standard:

- › Fast shift over to emergency mode in case of mains failure
- › Integrated automatic self-test
- › Conditioned automatic discharge of batteries
- › Specially developed batteries for emergency lighting
- › Trusted and proven technology

### A long and reliable lifetime

The systems promise reliable battery and charge management with a driver lifetime of 70,000 hours at Tcase 70°C and come with a 5-year warranty. To guarantee a 4-year operation at high temperatures, the NiMH batteries comply with all European Norms. Specially designed for emergency lighting they have a maximum continuous ambient temperature of 50°C and are charged and discharged via proven technologies.

### Safe and secure installation

Lighting manufacturers can't afford to compromise on safety. With TrustSight LED Emergency systems, you won't have to. No jumper setting is required. The TrustSight driver automatically detects the battery pack, making installation straight forward and failsafe. Plus, insulation at the LED driver output means that safe installation is designed in.

### EU compliance

TrustSight LED Emergency drivers are CE and ENEC-certified to meet all European Norms in emergency lighting. The NiMH batteries comply with EN60598-2-22, IEC61-951-2 and tested according ICEL1010 E50.

# Specifications

## Trustsight Feature overview

	TrustSight Basic	TrustSight Pro	TrustSight DALI
70khrs lifetime	●	●	●
Constant Output Power	●	●	●
Automatic Battery Detection	●	●	●
Deep discharge Protection	●	●	●
Short- Open Circuit Protection	●	●	●
Manual testswitch input	●	●	●
Automatic Self test		●	●
DALI 2.0			●
Remote control (via DALI)			●
Diagnostics (via DALI)			●



## Trustsight LED Emergency Systems Linear

	Commercial name	GPC
	TrustSight Basic L 20-95V 3W	9137 007 67366
	TrustSight Pro L 20-95V 3W	9117 007 66766
	TrustSight DALI L 20-95V 3W	9290 009 95966
	TrustSight Basic L 20-95V 6W	9137 007 67466
	TrustSight Pro L 20-95V 6W	9137 007 66866
	TrustSight DALI L 20-95V 6W	9290 009 96066
	TrustSight Flat Batt NiMH 7.2V 1300mA <i>For 1 hour emergency mode at 3W</i>	9137 007 66966
	TrustSight Flat Batt NiMH 7.2V 2500mAh <i>For 3 hours emergency mode at 3W or 1 hour at 6W</i>	9137 007 67066

## Trustsight LED Emergency Systems Point / Downlight

	Commercial name	GPC
	TrustSight Basic P 15-55V 3W	9137 007 67266
	TrustSight Pro P 15-55V 3W	9137 007 66666
	TrustSight DALI P 15-55V 3W	9290 009 95866
	TrustSight Batt Box NiMH 7.2V 1300mA <i>For 1 hour emergency mode at 3W</i>	9137 007 68166
	TrustSight Batt Box NiMH 7.2V 2500mAh <i>For 3 hour emergency mode at 3W</i>	9137 007 68266



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