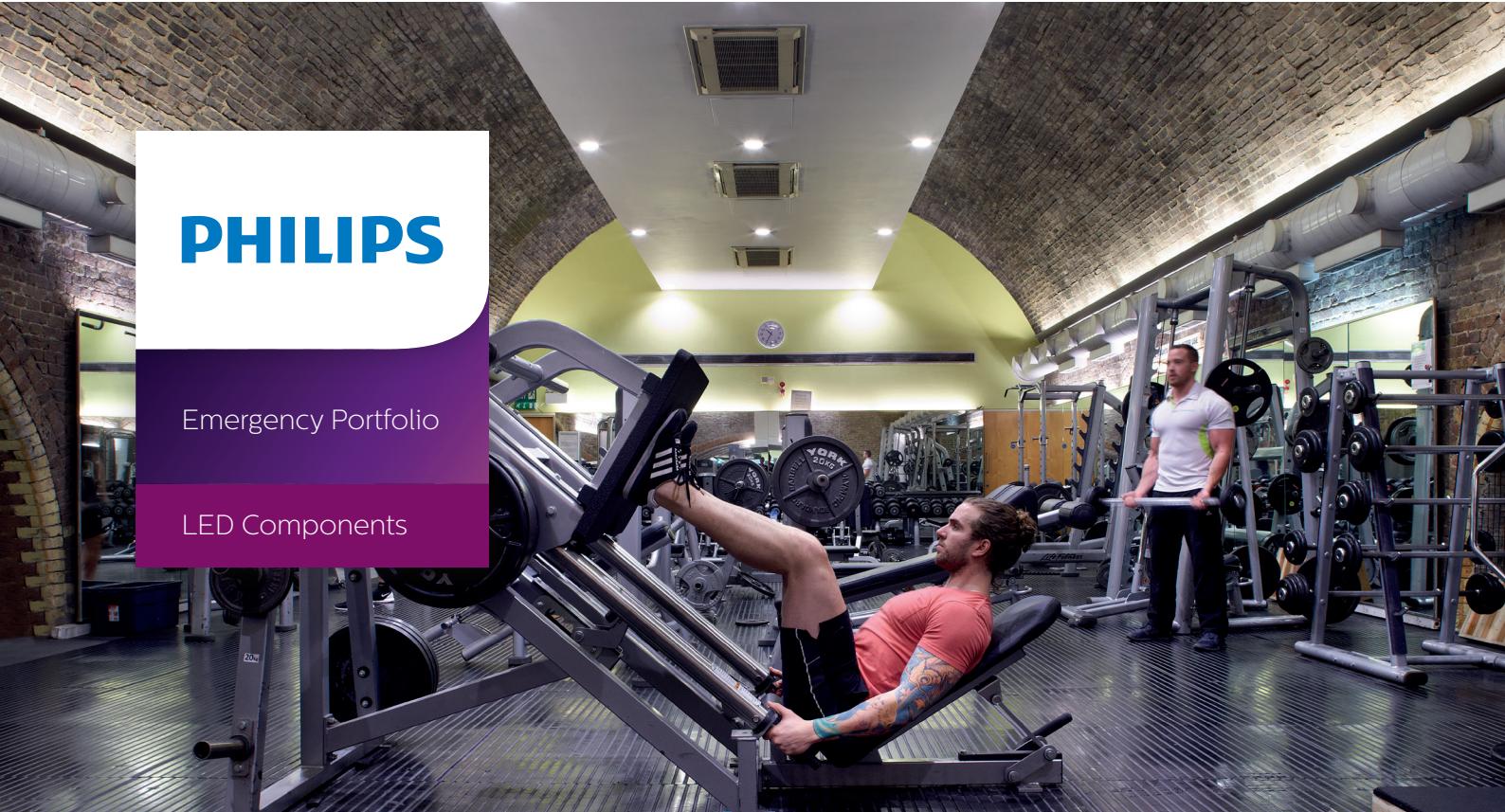




Emergency Portfolio

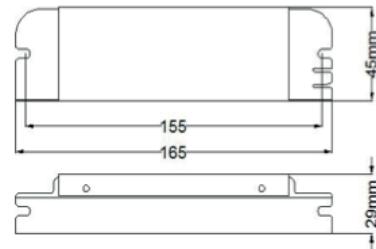
LED Components



## PHL-EL3 & PHL-EL3-80 3 Hour EM Converter for 6-55V and 6-80V LED Loads

The Emergency PHL-EL3 & PHL-EL3-80 are 3 hour emergency lighting converters designed to suit a wide range of LED types and circuits. The converter automatically adjust the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring battery duration.

- PHL-EL3 for 2-20 LEDs in series (6-55V)
- PHL-EL3-80 for 2-30 LEDs in series (6-80V)
- Additional 3rd pole relay
- Deep discharge protection
- Compact enclosure
- Constant current charger



### Technical Details

12NC	PHL-EL3	PHL-EL3-80
<b>Voltage Range</b>	919913998246	919913998247
<b>LED Current Limit</b>	6-55 Volts	6-80 Volts
<b>Battery Current Limit</b>	320mA	320mA
<b>Mains Supply Voltage</b>	1100mA	1100mA
<b>Mains Power</b>	230-240V AC	230-240V AC
<b>Mains Frequency</b>	5 Watts	5 Watts
<b>Power Factor</b>	50/60Hz	50/60Hz
<b>Charge Current</b>	0.9	0.9
<b>Recharge Time</b>	200mA	200mA
<b>Module Dimensions</b>	24-Hours	24-Hours
<b>Module Weight</b>	165mm x 45mm x 29mm	165mm x 45mm x 29mm
	285g	285g

The units are suitable for use with the following Philips Emergency Batteries:

919913998263	PHB-EL3-C3-S	3.6V 4Ah NiCd BATTERY IN STICK FORMATION
919913998276	PHB-EL3-C3-FL	3.6V 4Ah NiCd BATTERY IN FLEXIBLE FORMATION
919913998267	PHB-EL3-M3-S	3.6V 4Ah NiMH BATTERY IN STICK FORMATION
919913998268	PHB-EL3-M3-T	3.6V 4Ah NiMH BATTERY IN TRIANGULAR FORMATION



Emergency Portfolio

LED Components

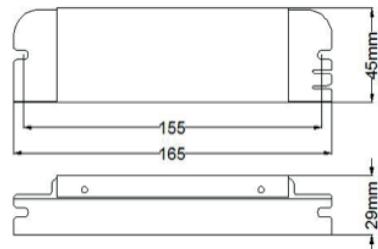


## PHL-EL3-D & PHL-EL3-D80

### 3 Hour EM DALI Converter for 6-55V and 6-80V LED Loads

A 3Hr emergency lighting converter with DALI interface and automatic test function, designed to suit an extremely wide range of LED types and circuits. The DALI converter automatically adjusts the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration.

- PHL-EL3-D for 2-20 LEDs in series (6-55V)
- PHL-EL3-D80 for 2-30 LEDs in series (6-80V)
- 2-pole changeover relay
- Additional 3rd pole relay
- Deep discharge protection
- Compact enclosure
- Constant current charger



#### Technical Details

12NC
<b>Voltage Range</b>
<b>LED Current Limit</b>
<b>Battery Current Limit</b>
<b>Mains Supply Voltage</b>
<b>Mains Power</b>
<b>Mains Frequency</b>
<b>Power Factor</b>
<b>Charge Current</b>
<b>Recharge Time</b>
<b>Module Dimensions</b>
<b>Module Weight</b>

#### PHL-EL3-D

919913998248
6-55V
320mA
1100mA
230-240V AC
5W
50/60Hz
0.9
200mA Nominal
24-Hours
165mm x 45mm x 29mm
300g

#### PHL-EL3-D80

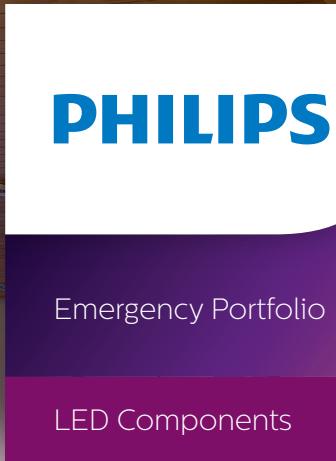
919913998249
6-80V
320mA
1100mA
230-240V AC
5W
50/60Hz
0.9
200mA Nominal
24-Hours
165mm x 45mm x 29mm
300g

The units are suitable for use with the following Philips Emergency Batteries:

919913998263  
919913998276

PHB-EL3-C3-S  
PHB-EL3-C3-FL

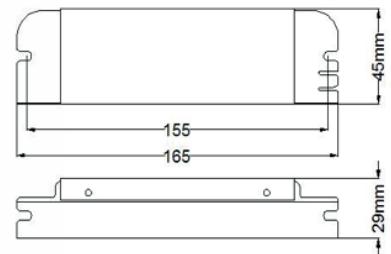
3.6V 4Ah NiCd BATTERY IN STICK FORMATION  
3.6V 4Ah NiCd BATTERY IN FLEXIBLE FORMATION



## PHL-EL3-4 3 Hour EM Converter for 50-250V LED Loads

The PHL-EL3-4 is a 3 hour emergency lighting conversion module designed to power suitable mains lamps (e.g. some GU10 & T8 LED tubes) and high voltage LED boards (50-250V DC) - check with the Philips technical team for compatibility. The PHL-EL3-4 automatically adjusts the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration.

- 2-pole changeover relay
- Additional 3rd pole relay
- Deep discharge protection
- Compact enclosure
- Constant current charger



### Technical Details PHL-EL3-4

12NC	Mains supply Voltage	Battery Current Limit	Mains Power	Mains Frequency	Power Factor	Charge Current	Recharge Period	Dimensions	Module weight
919913998250	230-240v AC	1100mA	5 Watts	50/60Hz	0.9	200mA Nominal	24 Hours	165mm x 45mm x 29mm	296g

The units are suitable for use with the following Philips Emergency Batteries:

919913998264	PHB-EL3-C4-S	4.8V 4Ah NiCd BATTERY IN STICK FORMATION
919913998269	PHB-EL3-M4-TS	4.8V NiMH BATTERY IN TWIN STICK FORMATION



Emergency Portfolio

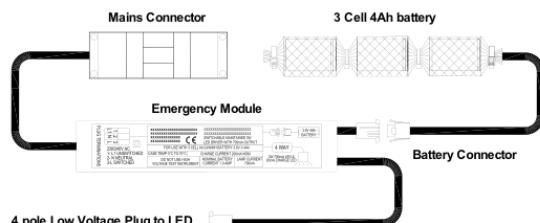
LED Components



## PHL-EL3-S3W

3 hour maintained driver for single 700mA LED with strain relief

The PHL-EL3-S3W is a complete quick & easy solution for LED mains/emergency applications. The unit is available to operate 3 Watt (700mA) constant current devices. The unit is designed to be used as a standalone unit and is able to pass through a 40mm cut out. The module is connected to the mains, battery and LED with simple irreversible plug & socket arrangements, for ease of installation.



### Technical Details

### PHL-EL3-S3W

12NC	Voltage Range	Power Rating - Non-Maintained	Power Rating - Maintained	Emergency Duration	Charger	Recharge Time	Ballast Lumen output
919913998251	220-240 Volts AC 50/60 Hz	3.0 Watts	7.1 Watts	3 Hours	200mA	24 Hours	100%

Discharge Current	Tc Max	Operation Mode	Output Load	Output Current	Mounting Hole Size	Module Size L x W x H	Weight
1000mA	70°C Module / 50°C Battery	Switchable Maintained/Non Maintained	3 Watt	700mA	Designed to fit through 40mm Aperture	152mm x 26.5mm x 28.5mm (FC 144mm)	163g

The units are suitable for use with the following Philips Emergency Batteries:

919913998263	PHB-EL3-C3-S	3.6V 4Ah NiCd BATTERY IN STICK FORMATION
919913998276	PHB-EL3-C3-FL	3.6V 4Ah NiCd BATTERY IN FLEXIBLE FORMATION
919913998267	PHB-EL3-M3-S	3.6V 4Ah NiMH BATTERY IN STICK FORMATION
919913998268	PHB-EL3-M3-T	3.6V 4Ah NiMH BATTERY IN TRIANGULAR FORMATION