

# LETO LED DOWNLIGHTS FITTING INSTRUCTIONS

These instructions are for the Déluce Lighting Leto LED Downlights:

**DLLETO3CW, DLLETO6CW, DLLETO12CW, DLLETO15CW, DLLETO20CW**  
also **DLLETO3WW, DLLETO6WW, DLLETO12WW, DLLETO15WW & DLLETO20WW**

## IMPORTANT INSTALLATION INFORMATION

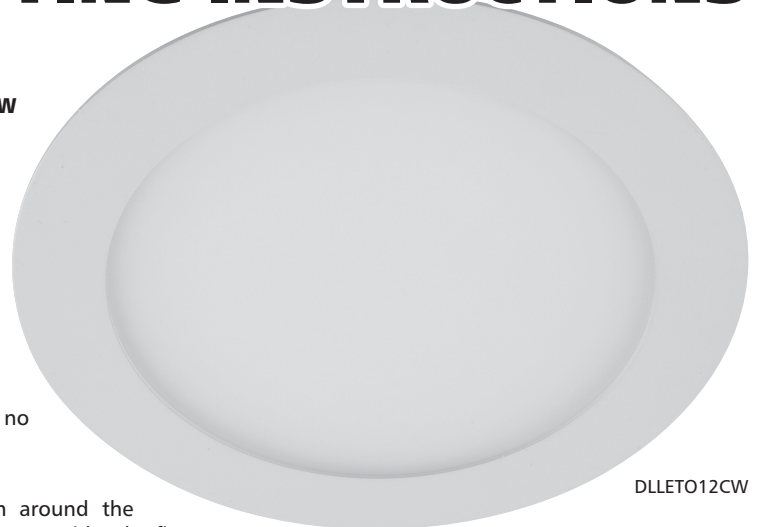
- Installation should be carried out in accordance with the latest edition of the IEE Wiring Regulations (BS 7671) and taking into consideration the latest Building Regulations. If in doubt, consult a qualified electrician.
- These luminaires are for indoor use only.
- **IMPORTANT.** Ensure that ALL electrical connections are tight with no loose strands, including factory made connections.
- Input voltage - 100 - 240V 50Hz AC.
- Ensure there is adequate free air circulation of at least 50mm around the luminaire. All luminaires run hot. It is the installer's responsibility to consider the fire risk and take appropriate precautions.
- The luminaire must **NOT**, under any circumstances, be covered with any insulation materials. The nearest illuminated surface must be at least 50mm from the front of the fitting. Suitable for mounting on normally flammable surfaces.
- Before commencing installation or maintenance, ensure electricity is switched off at the mains.

## IMPORTANT USER INFORMATION

- **Always switch off mains supply before fitting, servicing or moving position of the LUMINAIRE and DRIVER.**
- LED luminaire - no user serviceable parts.

## INSTALLATION INSTRUCTIONS

1. Select the required position for the luminaire. Beware of joists, water pipes and electric cables and then cut-out the ceiling hole - see opposite for cut-out dimensions.  
A hole cutting guide is supplied to the exterior of the outer product box (simply cut-out, from box - draw round the hole for the required position for the downlight then cut-out).
2. Provide mains supply to the cut-out in the ceiling.
3. Make sure the mains supply is switched off, before connecting any cable(s).
4. Connect the mains supply cable to the Supplied Driver as follows:  
**SWITCH LIVE** - (Red or Brown) to Terminal Marked L  
**NEUTRAL** - (Black or Blue) to Terminal marked N  
See wiring diagram opposite.
5. The Driver should be placed away from the luminaire in the ceiling void.
6. Then connect the luminaire via the plug connector to the driver (see Fig.1 - slide in then twist to lock) then place into the cut-out of the ceiling hole, making sure that there is no exposed or trapped cable or trapped insulation.
7. Switch on the power to test, the downlight is now ready for use.

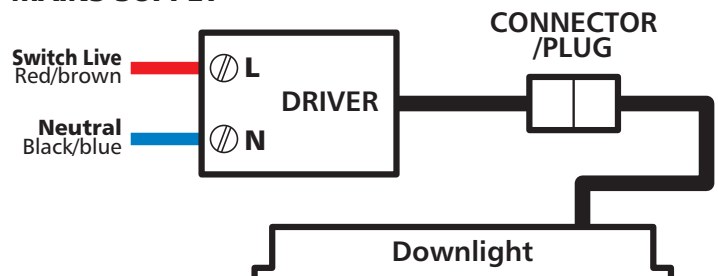


100-240V LED IP20 RoHS compliant

Product Code	Watts	Description	Colour Temperature	
<b>DLLETO3CW</b>	3W	LED downlight	4000±200K - Cool White	74
<b>DLLETO6CW</b>	6W	LED downlight	4000±200K - Cool White	108
<b>DLLETO12CW</b>	12W	LED downlight	4000±200K - Cool White	157
<b>DLLETO15CW</b>	15W	LED downlight	4000±200K - Cool White	185
<b>DLLETO20CW</b>	20W	LED downlight	4000±200K - Cool White	212
<b>DLLETO3WW</b>	3W	LED downlight	3000±200K - Warm White	74
<b>DLLETO6WW</b>	6W	LED downlight	3000±200K - Warm White	108
<b>DLLETO12WW</b>	12W	LED downlight	3000±200K - Warm White	157
<b>DLLETO15WW</b>	15W	LED downlight	3000±200K - Warm White	185
<b>DLLETO20WW</b>	20W	LED downlight	3000±200K - Warm White	212

## WIRING DIAGRAM LED DOWNLIGHTS

### MAINS SUPPLY



## GUARANTEE

This product is guaranteed in the EU for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the QC date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations (BS 7671). Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Déluce Lighting does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Déluce Lighting reserves the right to alter specifications without prior notice.



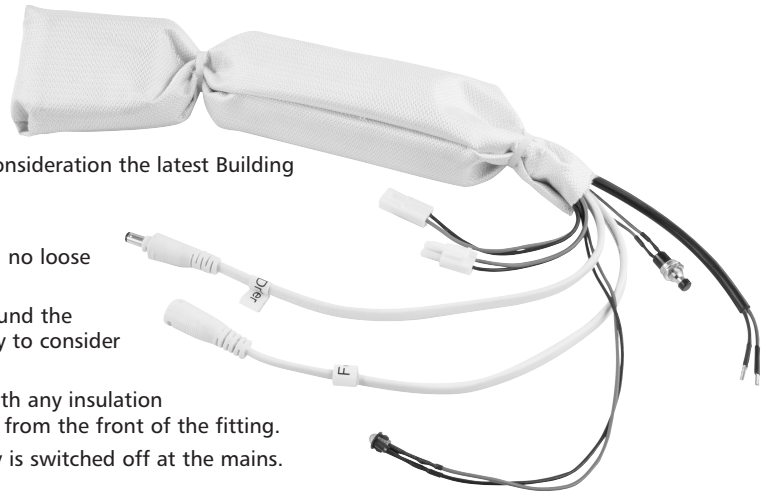
**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION**  
**LEAVE A COPY FOR THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE**  
**We recommend this fitting is installed by a qualified Electrician.**

# LETO LED DOWNLIGHT'S EMERGENCY PACK FITTING INSTRUCTIONS

These instructions are for the Déluce Lighting Leto LED Downlight's Emergency packs: **DLSLEDSPE3 & DLLLEDSPE3**

## IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the IEE Wiring Regulations (BS 7671) and taking into consideration the latest Building Regulations. If in doubt, consult a qualified electrician.
- These emergency packs are for indoor use only.
- **IMPORTANT.** Ensure that ALL electrical connections are tight with no loose strands, including factory made connections.
- Ensure there is adequate free air circulation of at least 50mm around the luminaire. All luminaires run hot. It is the installer's responsibility to consider the fire risk and take appropriate precautions.
- The luminaire must **NOT**, under any circumstances, be covered with any insulation materials. The nearest illuminated surface must be at least 50mm from the front of the fitting.
- Before commencing installation or maintenance, ensure electricity is switched off at the mains.



## IMPORTANT USER INFORMATION

**Always switch off mains supply before fitting, servicing or moving position of the LUMINAIRE / DRIVER or EMERGENCY PACK**

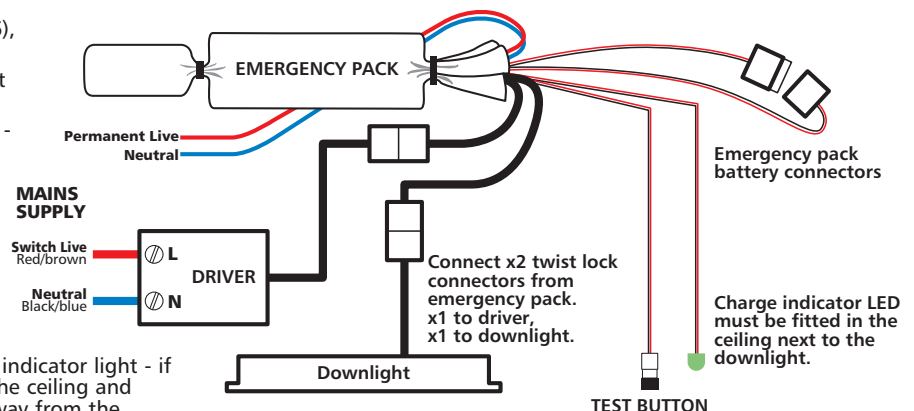
## INSTALLATION INSTRUCTIONS

To connect the emergency pack as a new fitting follow steps 1 to 13 below.

To connect the emergency pack to an existing Leto Downlight, follow steps 2 to 13 below :

1. Fit the Leto downlight as per instructions on page 1 - make the power connection to the driver as per page 1.  
Do not connect the driver to the downlight (step 6), yet - follow steps below.
2. If not already done so - remove the Leto downlight from the ceiling.
3. Disconnect the driver via the twist lock connectors - see Fig 1 on page 1.
4. Connect together the emergency pack battery connectors - these are quick release plug & play (this connects the batteries to the charge pack) see wiring diagram opposite.
5. Mark the ceiling and drill a 5mm hole for the charge indicator light - this should be at least 10-15mm away from the downlights bezel.
6. The emergency pack Test Button, can be either left in the ceiling void or be fitted near the charge indicator light - if to be fitted near the charge indicator light, mark the ceiling and drill a 7mm hole - this should be at least 10mm away from the charge indicator light and 10-15mm from the downlights bezel.
7. Connect the emergency pack live & neutral.  
The emergency pack live must be connected to a Permanent supply.
8. Place the emergency pack in the ceiling void away from the driver and downlight.
9. Connect the driver labelled twist lock connector from the emergency pack, to the driver. Then connect the panel labelled twist lock connector from the emergency pack to the downlight.
10. Remove the hole grip from the charge indicator light then feed the indicator light through the pre drilled hole - refit the hole grip and push back into the hole to secure.

Product Code	Description
<b>DLSLEDSPE3</b>	3 hours emergency at 30% power a 3 - 6W LED Downlight
<b>DLLLEDSPE3</b>	3 hours emergency at 30% power a 12 - 20W LED Downlight



11. If fitting the test button - remove the securing nut and washer and feed through the pre drilled hole - refit the washer and tighten the securing nut.
12. Place downlight into the cut-out of the ceiling hole, making sure that there is no exposed or trapped cable or trapped insulation.
13. Switch on the power to test - the charge indicator should light, the downlight is now ready for use.

## NOTE:

It may take several hours to charge the batteries to working voltage. The unit can be tested when the batteries reach working voltage - full emergency duration will not be achieved until the batteries are fully charged.

The Emergency unit will activate the first time Mains voltage is supplied to it. If the Mains is switched off, the downlight will light up at a reduced brightness for three hours.

When mains power is restored it will return to normal operation and the charge LED will illuminate.

The Emergency unit will switch off when the battery reaches a lower threshold, to prevent deep discharge. It will then take approximately 24 hours to fully recharge once mains power is restored.

The Emergency unit may be reset (disabled) by disconnecting and reconnecting the internal batteries. It will then re-activate when the mains is restored.

## GUARANTEE

This product is guaranteed in the EU for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the QC date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations (BS 7671). Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Déluce Lighting does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Déluce Lighting reserves the right to alter specifications without prior notice.



**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION**  
**LEAVE A COPY FOR THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE**  
**We recommend this fitting is installed by a qualified Electrician.**