Installing and Configuring MySQL for Use with LNDB

03/2026

RELIABLE MONITORING SINCE 1974

CS Campbell SCIENTIFIC®

Installing and configuring MySQL for use with LNDB

1. Install *MySQL*.

2. Note the *MySQL* username and password.

3. Install *MySQL Workbench*.

4. Launch *MySQL Workbench* and log in with your username and password from step 2.

5. Create a new schema within *MySQL Workbench* called "lndb" using the New Schema button in *MySQL Workbench*.
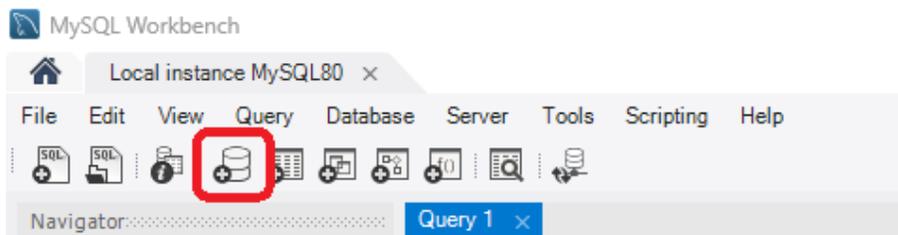
6. Open the *ODBC Data Source Administrator* in Windows, go to the **Drivers** tab and ensure that the 32-bit Unicode and ANSI drivers (Version 8) are installed.
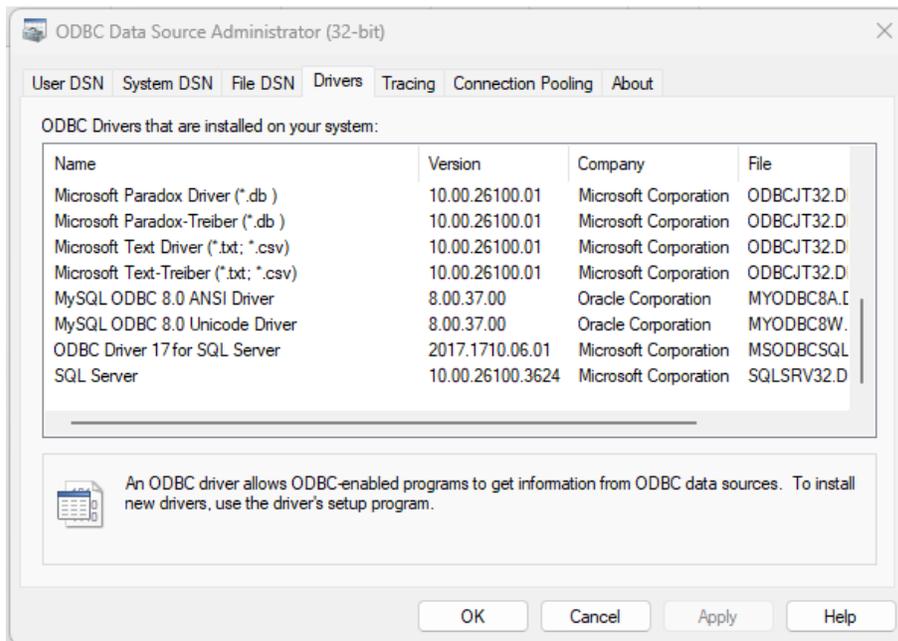
7. If they are not installed, install them: dev.mysql.com/downloads/connector/odbc/⬀.
    Install the 8.0.XX build as it supports 32-bit. LNDB does not yet support 64-bit.

8. Add the data source in *ODBC Data Source Administrator* in Windows on the **System DSN**
    tab. When prompted, select the MySQL ODBC 8.0 Unicode Driver. Ensure you enter the
    server address, your username and password, and select the database you're going to use.
    Use the **Test** button to verify connection.

9. Click **OK**, then the **OK** again to close out the *ODBC Data Source Administrator*.

10. Open *LNDB Manager* and go to **File** > **Select Database**.

    a. Choose the database **Type**, MySQL.

    b. Select the **Data Source** from the dropdown list.

    c. Enter your MySQL username and password from step 2 into **Login ID** and **Password**.

    d. Choose the **Database**.

    e. Click **OK**.
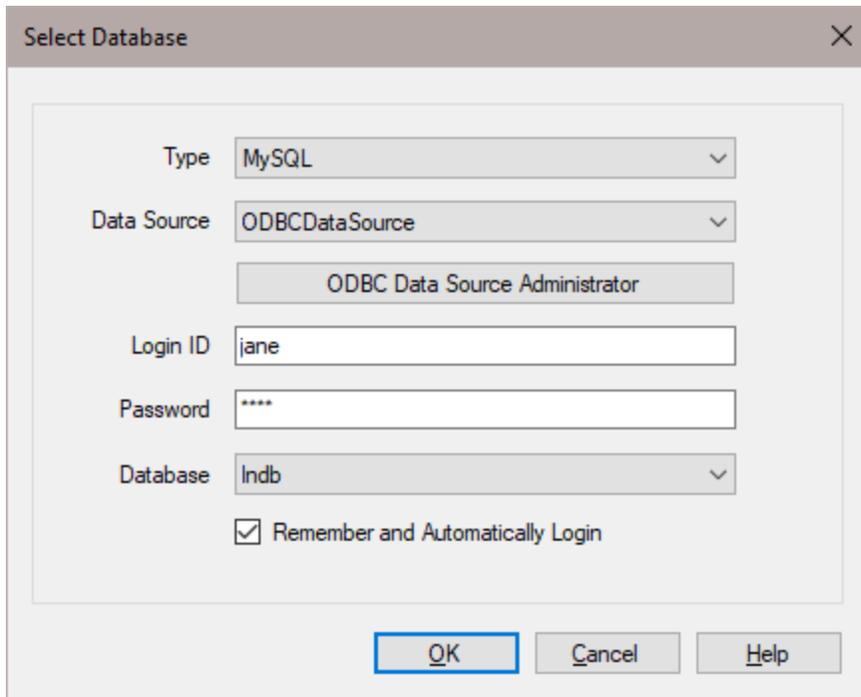
11. Test data collection in *LoggerNet* and *LNDB*.

Global Sales and Support Network

A worldwide network to help meet your needs

Campbell Scientific Regional Offices

Australia
Location:	Garbutt, QLD Australia
Phone:	61.7.4401.7700
Email:	info@campbellsci.com.au
Website:	www.campbellsci.com.au

France
Location:	Montrouge, France
Phone:	0033.0.1.56.45.15.20
Email:	info@campbellsci.fr
Website:	www.campbellsci.fr

Spain
Location:	Barcelona, Spain
Phone:	34.93.2323938
Email:	info@campbellsci.es
Website:	www.campbellsci.es

Brazil
Location:	São Paulo, SP Brazil
Phone:	11.3732.3399
Email:	vendas@campbellsci.com.br
Website:	www.campbellsci.com.br

Germany
Location:	Bremen, Germany
Phone:	49.0.421.460974.0
Email:	info@campbellsci.de
Website:	www.campbellsci.de

Thailand
Location:	Bangkok, Thailand
Phone:	66.2.719.3399
Email:	info@campbellsci.asia
Website:	www.campbellsci.asia

Canada
Location:	Edmonton, AB Canada
Phone:	780.454.2505
Email:	dataloggers@campbellsci.ca
Website:	www.campbellsci.ca

India
Location:	New Delhi, DL India
Phone:	91.11.46500481.482
Email:	info@campbellsci.in
Website:	www.campbellsci.in

UK
Location:	Shepshed, Loughborough, UK
Phone:	44.0.1509.601141
Email:	sales@campbellsci.co.uk
Website:	www.campbellsci.co.uk

China
Location:	Beijing, P. R. China
Phone:	86.10.6561.0080
Email:	info@campbellsci.com.cn
Website:	www.campbellsci.com.cn

Japan
Location:	Kawagishi, Toda City, Japan
Phone:	048.400.5001
Email:	jp-info@campbellsci.com
Website:	www.campbellsci.co.jp

USA
Location:	Logan, UT USA
Phone:	435.227.9120
Email:	info@campbellsci.com
Website:	www.campbellsci.com

Costa Rica
Location:	San Pedro, Costa Rica
Phone:	506.2280.1564
Email:	info@campbellsci.cc
Website:	www.campbellsci.cc

South Africa
Location:	Stellenbosch, South Africa
Phone:	27.21.8809960
Email:	sales@campbellsci.co.za
Website:	www.campbellsci.co.za