

Dynadimmer User Interface Software Guideline

1. Install the Dynadimmer User Interface Software

1) Use the following procedure to install the Dynadimmer software on a computer

- ▶ Unzip the file *Dynadimmer v2.4.0.zip*
- ▶ Double click on *Setup.exe*
- ▶ Click on <Run>

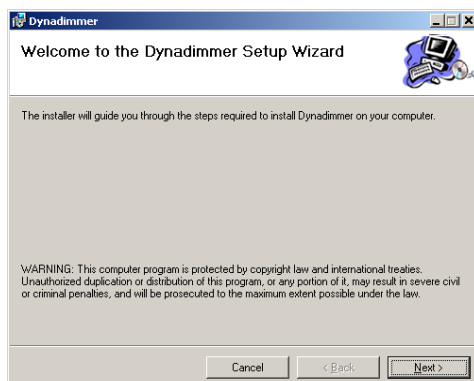
2) Procedure if .NET Framework 2.0 has not yet been installed

The application uses .NET Framework 2.0. This Microsoft software package also needs to be installed. If this software has already been installed on your computer, go to next section.

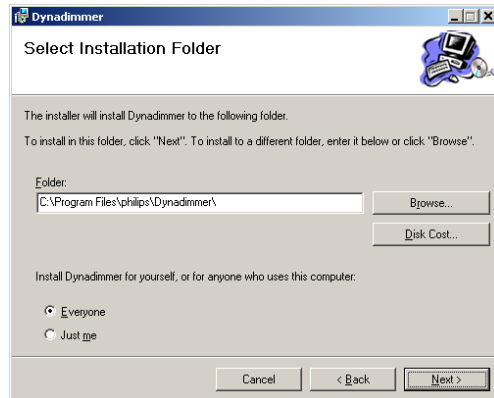
The Dynadimmer software setup program will automatically install .NET Framework 2.0 on the computer. This may take a few minutes depending on the computer capabilities. When the installation has finished, the installation of the Dynadimmer software will continue automatically.

3) Installation of the Dynadimmer software

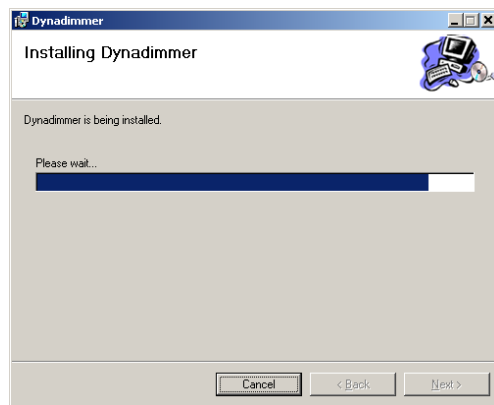
Once the installation of .NET Framework has been completed or if it was stopped because it was already installed on the PC, the installation screen of the Dynadimmer Programmer application appears.



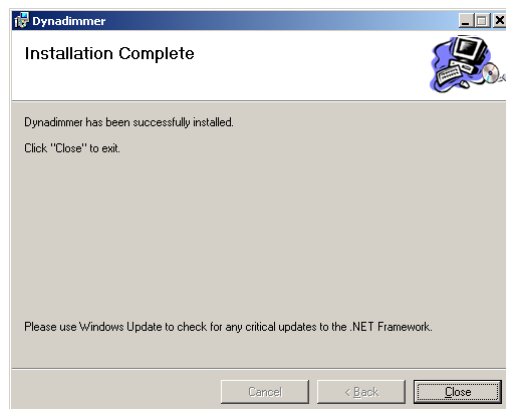
Click <Next>



Now select <Next>. Then select <Next> again.



After this screen the following screen appears.



Now select <Close>. The installation has now been successfully completed.

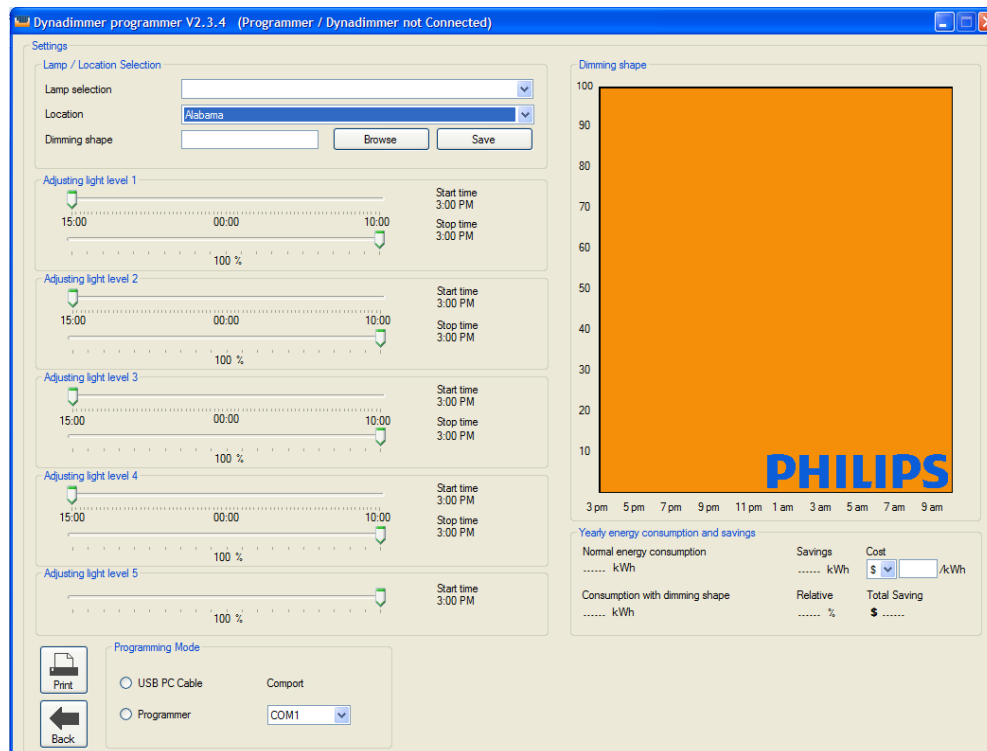
A shortcut called "Philips Dynadimmer" has been created on the desktop.

2. Select Region and Application Language

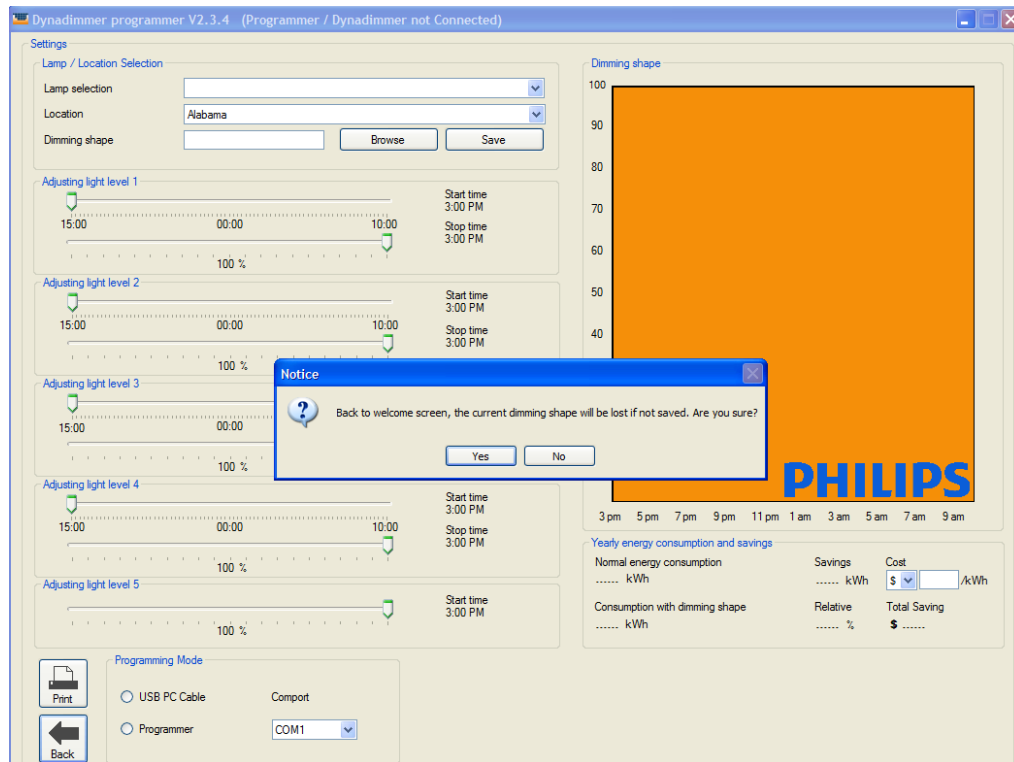
- 1) Double Click the Philips Dynadimmer Icon to open the Dynadimmer User Interface application.
- 2) Select region and application via welcome screen:



- 3) Press <OK> button, the application will enter into the main form with lamp file, location and language loaded according to the Region and Application Language selected.



- 4) Click the <Back> button on the left-down side to back to the welcome screen, to re-set the Region and Application Language. Notice that all the dimming shape information will be lost if not saved.



3. Create and save the dimming shape

- 1) Select the lamp, location and type the name of dimming shape. Here using the Default_DD_NA dimming shape as an example:

Lamp type: LED

Location: California (Los Angeles) (in the new software version!)

Midpoint: 11.52 PM

	Start	Stop	Dim level
Zone1	15.00	20.00	100%
Zone2	20.00	22.00	70%
Zone3	22.00	04.00	50%
Zone4	04.00	05.30	70%
Zone5	05.30	10.00	100%

Lamp / Location selection

Lamp selection: LEDINTA0700C210DNM

Location: California(Los Angeles)

Dimming shape: Default_DD_NA---

Browse Save

- 2) Set Adjust Light Level 1 ~5 according to the dimming shape:

Adjusting light level 1

15:00 00:00 10:00

100 %

Start time: 3:00 PM
Stop time: 8:00 PM

Adjusting light level 2

15:00 00:00 10:00

70 %

Start time: 8:00 PM
Stop time: 10:00 PM

Adjusting light level 3

15:00 00:00 10:00

50 %

Start time: 10:00 PM
Stop time: 4:00 AM

Adjusting light level 4

15:00 00:00 10:00

70 %

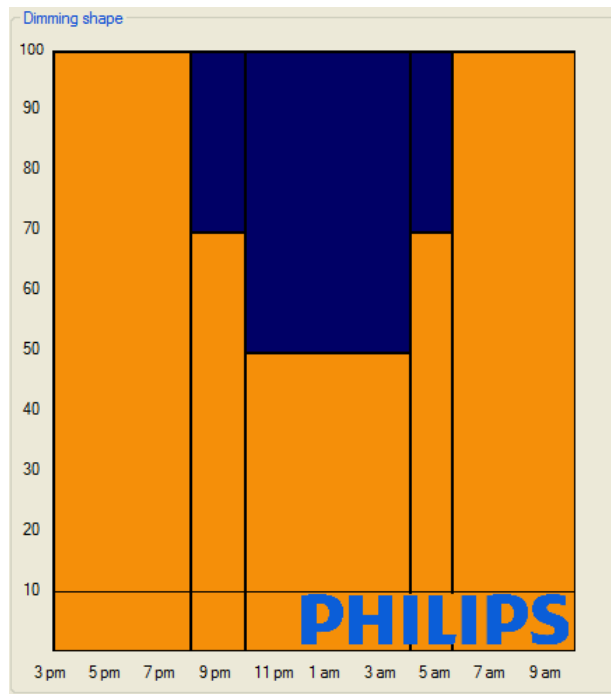
Start time: 4:00 AM
Stop time: 5:30 AM

Adjusting light level 5

100 %

Start time: 5:30 AM

- 3) And on the right side of the main form, the dimming shape will displayed according to the settings:



- 4) Yearly energy consumption saving data will be shown for the reference, and the if input the price of the power cost, the total cost saving will be shown:

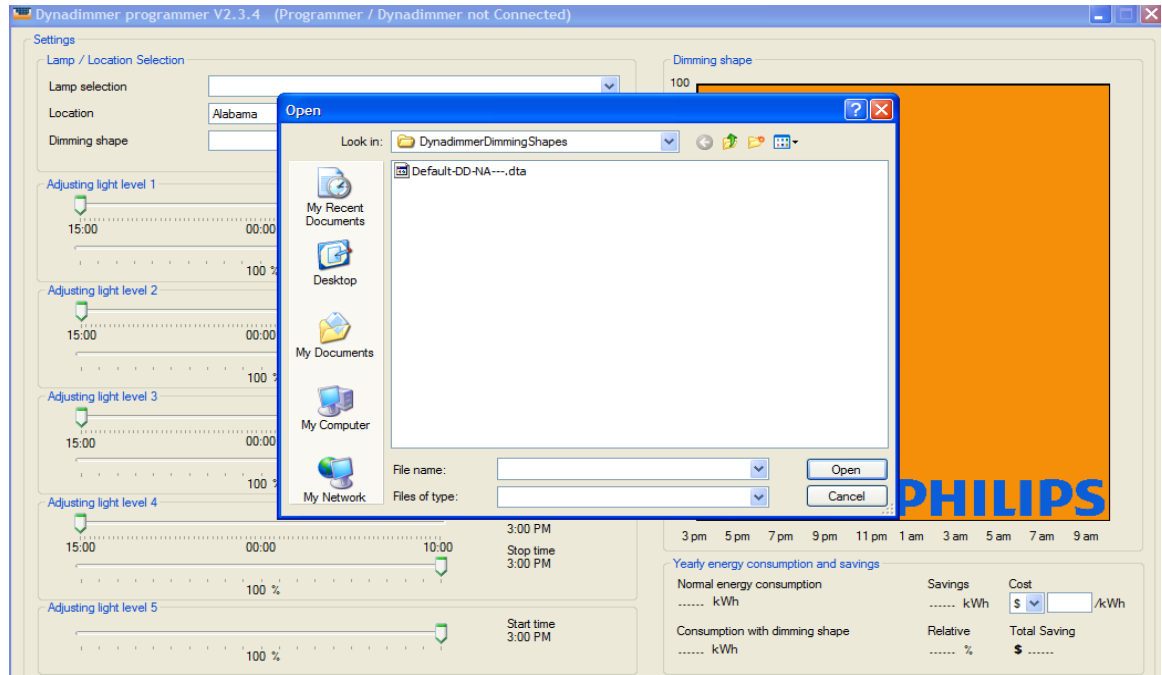
Yearly energy consumption and savings

Normal energy consumption	Savings	Cost
171 kWh	63 kWh	\$ 1.055 /kWh
Consumption with dimming shape	Relative	Total Saving
107 kWh	37.3 %	\$ 66.465

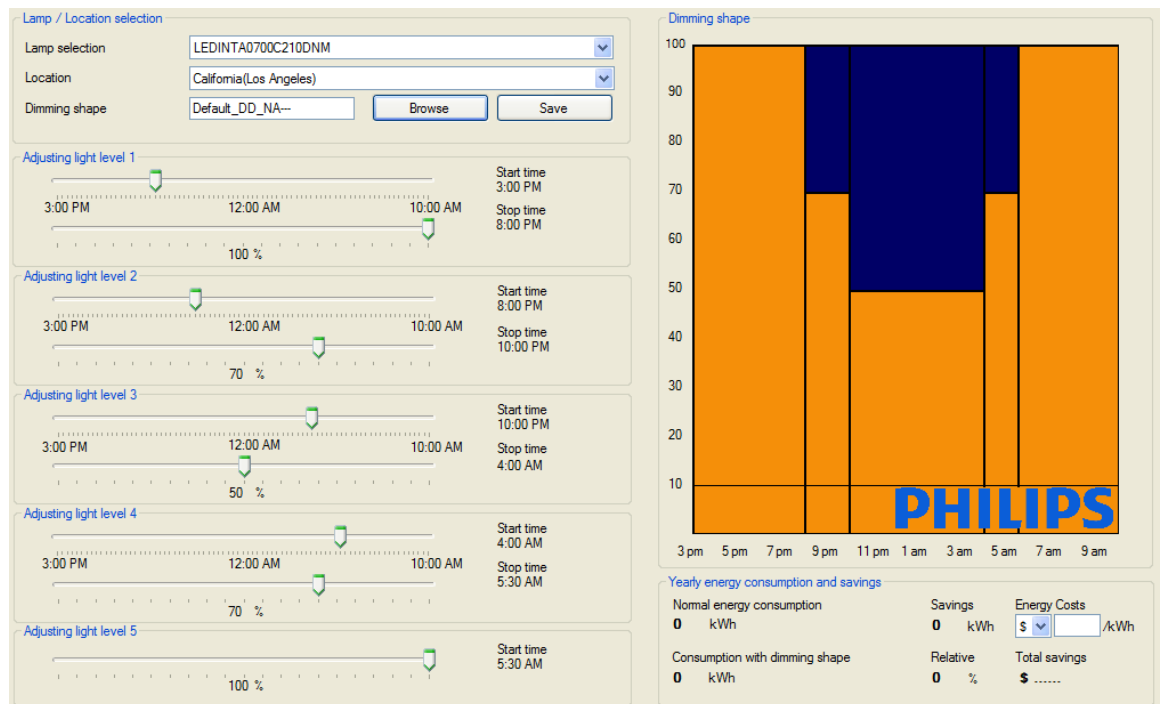
- 5) Press <Save> button, the created dimming shape will be saved under path:
"C:\DynadimmerDimmingShapes".

4. Read out the saved dimming shape

- 1) Press <Browse> button, the open file dialog will displayed, select the dimming shape file you want to open:

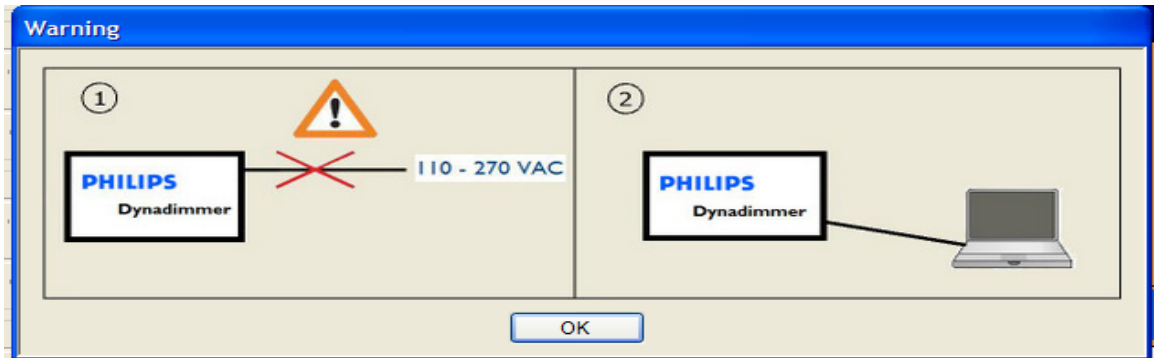


- 2) The dimming shape will be loaded:

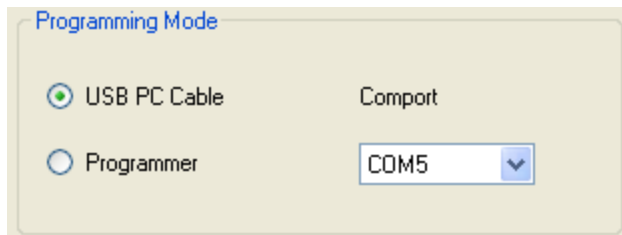


5. Program dimming shape through the USB PC Cable

- 1) Select the <PC USB Cable> radio button on the bottom left, and a warning message will displayed to indicator the customer not connect Dynadimmer with AC power during programming dimming shape:



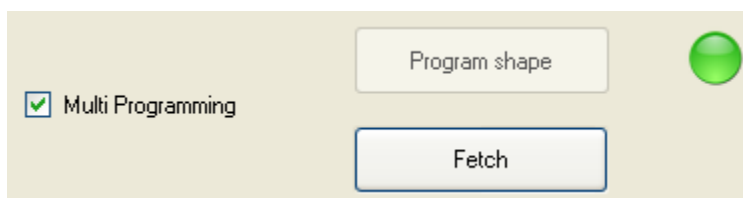
- 2) Set the USB->Comport for the USB cable:



- 3) If the USB cable and Dynadimmer detected, the status will shown on the top of the main form with the current dimming shape name in the dynadimmer loaded:

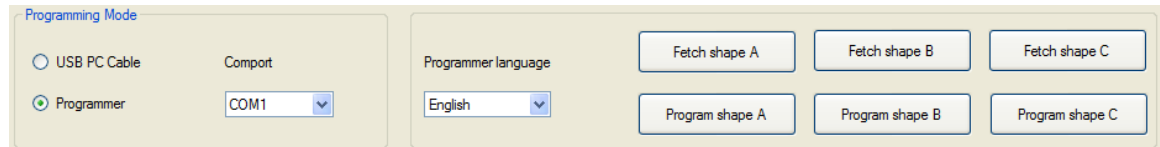


- 4) <Fetch> button is used to load the dimming shape in the dynadimmer, "Program Shape" button is used to program the current dimming shape into the dynadimmer. Multi programming check box is used to programming the dynadimmer without click "Program Shape" button again and again, only need to plug on the dynadimmer, wait the programming finished, then plug on another dynadimmer. And if program finished, the green indicator will displayed, otherwise it'll be yellow.

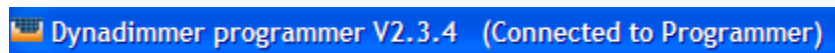


6. Program dimming shape through the Programmer

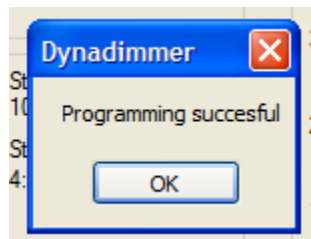
- 1) Select the <Programmer> radio button on the bottom left of the main frame, and select the correct Com port that programmer connected, the programmer control box will show on the bottom right side of the main frame:



- 2) If the Programmer is connected to PC successfully, a message will shown on the title of the main frame:



- 3) <Programmer Language> is used to set the programmer language. Since the Programmer can store 3 different dimming shapes, so the <Fetch shape A/B/C> button is used to load the different dimming shape from Programmer. And <Program shape A/B/C> is used to program the dimming shape into the different Programmer stack. If program successes, a message will show on the screen:



7. Report

Dimming shape information report can be generated by pressing the <Report> button. It'll contain the dimming shape name, lamp type, location, adjusting level settings and energy consumption saving info.

Dynadimmer Dimming shape

Dimming shape: Default_DD_NA---

Lamp selection: LEDINTA0700C210DNM

Location: California(Los Angeles)

Adjusting light level 1: 100%, 3:00 PM - 8:00 PM

Adjusting light level 2: 70%, 8:00 PM - 10:00 PM

Adjusting light level 3: 50%, 10:00 PM - 4:00 AM

Adjusting light level 4: 70%, 4:00 AM - 5:30 AM

Adjusting light level 5: 100%, 5:30 AM -

Yearly energy consumption and savings:

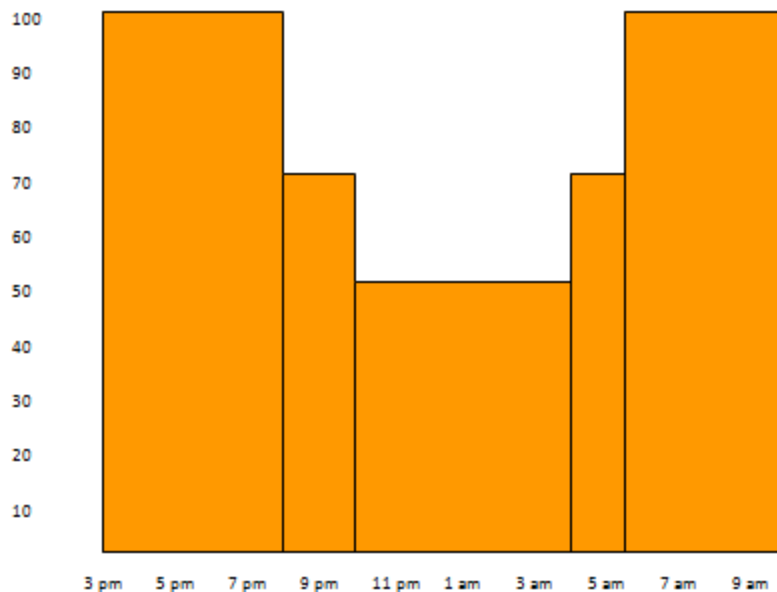
Normal energy consumption: 0kWh

Consumption with dimming shape: 0kWh

Savings: 0kWh

Relative: 0%

Total savings: \$..... (\$ /kWh)



Notice that the Report function only can work on the computer installed Microsoft Word. Otherwise an error message will pop up indicator the user that no Microsoft Word detected.