

http://www.nmbtc.com/lighting lighting@nmbtc.com

CLSD Programming Instructions



Step 1: Verify you have the following materials:



PC for programming

CLSD004 Programming Cable

CLSD004 Programming Box

CLSD001 Series LED Driver to be programmed

Step 2: Verify you have completed the installation process. If not, please download the onetime NMB Technologies Programming Utility installation at: http://www.nmbtc.com/lighting/install

Step 3: Plug the USB Connector end of the Programming Cable into the PC



Step 4: Plug the Mini-USB connector end of the Programming Cable into the CLSD004 Programming Box.



Step 5: Remove the dust and moisture barrier tape from the CLSD001 Driver. Set this aside for re-application when the driver programming has been completed.



Step 6: Run the NMB Lighting LED Driver Utility from the Start Menu

🖷 NMB LIGHTING LED Driver Setup	
* Caution: Do not connect AC power to	DLED Driver while using this software.
Port COMS Connect	Save
Model Number	Status:
Current Setting	Setting Change
Output Current	Output Current
Output Voltage	Output Voltage

Step 7: Place and hold the CLSD004 Programming Box on the CLSD001 Driver, making sure the pins line up with the holes in the driver enclosure. Maintain contact.



Step 8: The LED Driver model and parameters will be automatically detected.

🖳 NMB LIGHTING LED Driver Setu	ир 💶 🗖 🚺
* Caution: Do not connect AC po	wer to LED Driver while using this software.
Port COM6 🔽 Conn	ect Save
Model Number CLSD001A	Status:
Current Setting	Setting Change
Output Current 0.60 A	Output Current
Output Voltage 33.33 V	Output Voltage 13.3 V - 42.0 V

Step 9: Select and Click the "Connect" button

Port COM6	Connect		Save
fodel Number	CLSD001A	Status:	
Current Setting		Setting Change	
Dutput Current	0.60 A	Output Current	~
Jutout Voltage	33.33 V	Output Voltage	13.3V-42.0V

' Caution: Do not connect AC po	wer to LED Driver while using this softwa
Port COM6 💌 Conn	ect Save
Model Number CLSD001A	Status:
Current Setting	Setting Change
Output Current 0.60 A	Output Current
Output Voltage 33.33 V	0.35 A 0.48 A 0.60 A 0.60 A

Step 10: Select the desired output current

and click the Save button.

					_
Port COM6	✓ Co	nnect		Save	
Model Number	CLSD001A		Status:		
Current Setting		Se	etting Change		
Output Current	0.60 A		Output Current	0.25 A	~
Output Voltage	33.33 V)utput Voltage	0.35 A 0.48 A 0.60 A	

Step 11: The Status on the screen will change to Save Complete, and you have now programmed the output current to 0.48 A.

Caution. Do no	ot connect AC power	to LED Driver v	while using this software.
Port COM6	Connect		Save
Model Number	CLSD001A	Status:	Save Complete
Current Setting		Setting Chan	ge
Dutput Current	0.48 A	Output Curr	ent 0.48 A 🗸
Dutput Voltage	41.66 V	Output Volta	age 13.3 V - 42.0 V

Additional driver modules can be programmed with subsequent "Save" clicks.

Step 12: Replace the dust/moisture barrier tape over the programming holes in the CLSD001 Driver.



Programming Complete.

For more information, please visit: <u>http://www.nmbtc.com/lighting</u>

Or e-mails us directly at: lighting@nmbtc.com