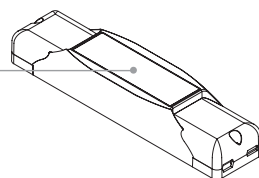
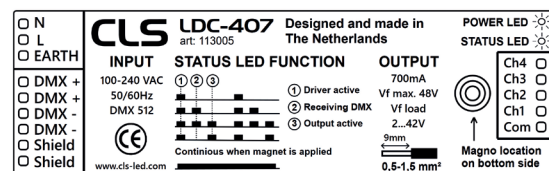
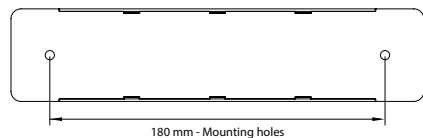
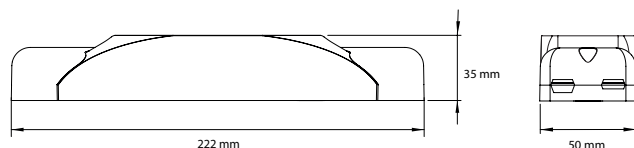


CLS LDC-407 DMX DRIVER

Manual

V1.1 - January 2024

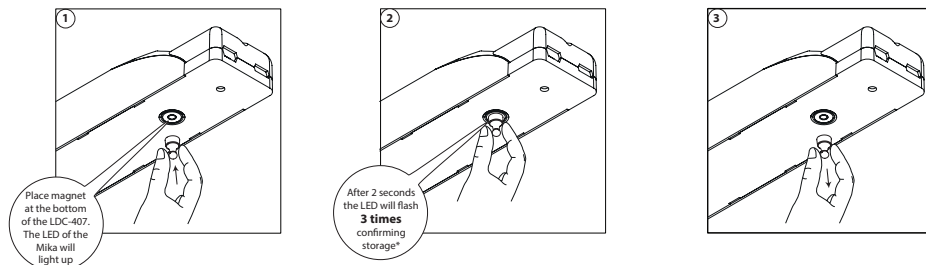


PROGRAMMING

All settings can be configured via DMX. Settings can be configured at once or separately. When one or a couple settings needs to be changed just leave all other setting values zero. This keeps those settings unchanged. Please check the table for more information.

Always use a DMX controller with digital interface. If not available, you can purchase the CLS D-ta DMX addresser unit (#122200).

First make sure to set the DATA on the DMX controller. To program the setting into the LED fixture follow the next steps.



* If the LEDs flashes 10 times, something went wrong. Please try again. If the problem continues to occur, please contact your local sales distributor.

PROGRAMMING TABLE				
DMX	Function	Data	Parameters	Description
CH1	Set address 001 to 255	0 1...255	0 = no change DMX address = 1...255	Use this DMX channel to set address from 1 to 255. (DMX address is called "n")
CH2	Set address 256 to 508	0 1...255	no change DMX address = 256...508	Use this DMX channel to set address from 256 to 508. (DMX address is called "n")
CH3	Static behavior	0 1 2 3	no change last DMX value output off load static values	If no DMX is present the fixture will respond like set in this function.
CH4	Soft dim	0 1 2 3-250	no change off Dynamic Fixed interpolation delay	When dynamic softdim is activated an extra DMX channel behind the colours and/or master controls the soft dim reaction. If fixed no extra DMX channel is used.
CH5	Master control	0 1 2 3	no change no master used master is first channel master is last channel	If master is first channel is selected the channel will be DMX channel "n". If master is last channel is selected the channel will be "n+x" ("x" is calculated in the output patch).
CH6	Output 1 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	Each output channel can be patched to respond to the desired DMX channel. This enables the user to mix up the colours according to the controller that is used.
CH7	Output 2 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	Example: all outputs are patched as 1 All outputs will be controlled by DMX channel "n". If master is used total DMX channels will be 2 otherwise it uses 1 channel ("x" = 1).
CH8	Output 3 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	Example: output 1&2 are patched as 1 and 3&4 are patched as 2 Output 1 & 2 will be controlled by DMX channel "n". Output 3 & 4 will be controlled by DMX channel "n+1".
CH9	Output 4 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	If master is used total DMX channels will be 3 otherwise it uses 2 channels ("x" = 2).
CH10	Static output 1	0 1 2...255	no change output off intensity 2...255	Each output channel can be set to a static intensity.
CH11	Static output 2	0 1 2...255	no change output off intensity 2...255	If no DMX is present and Static behavior is set to "load static values". The outputs will be set to the configured intensity values.
CH12	Static output 3	0 1 2...255	no change output off intensity 2...255	
CH13	Static output 4	0 1 2...255	no change output off intensity 2...255	
CH14	Load default settings	0 1	no change Load Factory settings.	

LED colour	Number of DMX channels needed			
	1	2	3	4
Single colour	✓			
Tunable White		✓		
ColourFlow				✓

