



# Controller 3



During the development of the DecaLED® Controller 2, demand for 24VDC control units increased, making the development of a 24VDC controller necessary. This resulted in the production of the DecaLED® Controller 3 with a built-in 300W PSU that can control big numbers of various 24VDC LED products. The DecaLED® Controller 3 is an ideal example of ongoing development in the DecaLED range, combining the quality of pre-selected high quality production and experience gained with the developments in the LagoLED range.

Like its smaller brother - the DecaLED® Controller 2 - it has various setup possibilities built-in and can be used in nearly every installation using LED lighting fixtures based on 24VDC. By combining both standalone functions and DMX control, it can handle nearly every task. The DecaLED® Controller 3 has 10 built-in programs which can be adjusted in speed, intensity and fade time using the DecaLED Setup-Tool. The extended possibility to control all outputs separately through DMX makes the DecaLED® Controller 3 a competitive and interesting item to be included in high-profile installations. The outputs and DMX in and output are now equipped with screw-terminals making swift and accurate installation possible. Another unique positive feature is the integration of MOSFETs that make short circuits and their potentially dangerous effects impossible.

Like the DecaLED® Controller 1 and 2, it has a built-in PSU of 12.5 Amp potentially capable of providing 300Watts. This makes it possible to connect various products in the DecaLED® and even LagoLED® product range. For wiring and daisy chaining regulations, please note the diagram shown below.

A very interesting accessory is the unique Control Remote in combination with the infrared eye. The Control Remote makes it possible to adjust the colour or preset program of your installation with the press of a button, making it very easy to change colours and so changing the total atmosphere in a room, restaurant or even complete facades. With the supplied extension IR eye, it is possible to mount the controller above the ceiling and install the IR eye in a wall or roof. Note that the Control Remote can also be used for other controllers and in combination with the DecaLED® IR eye.

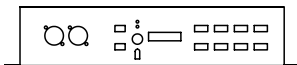
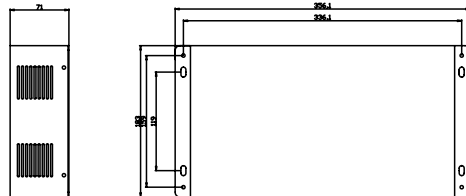
Deca LED® Controller 3  
This controller is suitable for the following products

Product	Code	Max. load total	Max. load per output
LagoLED® RGB Strip 15 cm	95141249	80	20
LagoLED® RGB Strip 30 cm	95143249	40	10
LagoLED® SC strip 15 cm	depending on colour	80	20
LagoLED® SC strip 30 cm	depending on colour	40	10
LagoLED® DEKO Panel 33*33	95603300	40	10
LagoLED® DEKO Panel 48*48	95603450	24	3
LagoLED® DEKO Panel 63*63	95603600	10	2
LagoLED® DEKO Panel 123*63	95603610	5	1
LagoLED® Dance Floor	95660100	2	0.25
DecaLED® Cove Flex RGB	95166249	40	10
DecaLED® Cove Flex SC	95166249	40	10
DecaLED® Neon Flex RGB	95166234	25	6



Fader Panel

Deca LED® Controller 3 Product Specification	
Code	95350244
Description	DecaLED® Controller 3 for 24V applications
Type	DECA.CONT.03
Input voltage	90-230V
Current	1.5A
Power consumption	300W
Control	DMX512 / LagoLED® Fader Panel
Setup tool	Optional
LED properties	For all 24VDC LED products
Dimensions	355 x 182 x 70 mm
Weight	3000g
Note	300W PSU (75W per output)



### Accessories

Setup tool



Setup tool 95350247