



Square

Waterproof IP65



The DecaLED® Square module comprises 2 or 4 single-colour, waterproof LEDs and can be linked in rows of up to 100 modules. DecaLED® Squares are highly suitable for use in illuminated advertisements and signs and for indoor and outdoor use.

The DecaLED® Squares are equipped with either 2 or 4 LEDs and are named 'Duo' or 'Quattro' respectively. Both types of module are sealed in a transparent, UV and IR-resistant housing. DecaLED® Squares Duo or Quattro (2 or 4 flux LEDs) have an IP 65 rating, a beam angle of 170° and a power consumption of 2 to 5A per row of 100 modules. DecaLED® Squares operate on 12VDC. The Quattro modules measure 40x40x13mm (l x w x h); the Duo design measures 40x26x13mm (l x w x h). The modules are attached to the string at 100mm intervals. The modules can be connected up to a maximum length of 10 metres. This may need to be reduced depending on the power supply used.

DecaLED® Squares are supplied with a 3M tape layer on the rear to facilitate installation. A variety of waterproof 12VDC power supplies are available for application in outdoor projects. These can be found on page 121. The DecaLED® Dimmer for 12/24V is available for the single colour version. Further information on this product can be found on page 117.

A demo set of this product is available. The demo set contains a string of both the Quattro and Duo modules in all of the colours that we offer. Four DecaLED® IP Strips are also provided in red, green, blue and white. Please see page 127 of this catalogue for further information.

DecaLED® Square Duo, Reel of 10 modules

Code	95112011	95112012	95112013	95112014	95112015
Price	See pricelist	See pricelist	See pricelist	See pricelist	See pricelist

DecaLED® Square Duo, Reel of 100 modules

Code	95112511	95112512	95112513	95112514	95112515
Price	See pricelist	See pricelist	See pricelist	See pricelist	See pricelist

DecaLED® Square Duo

Product specification

	red, amber	white, green, blue
Voltage	12VDC	
Current	25mA per unit	20mA per unit
Power consumption	0.3W per unit	0.24W per unit
Max. chainable	100 units (1 reel)	100 units (1 reel)
Current at max. chain	2.5A	2A
Power consumption at max. chain	30W	24W
Control	DecaLED® Controller 2 / Controller 2 Mini	
Max. per controller	600 units (6 reels)	800 units (8 reels)
Max. per output	100 units (1 reel)	100 units (1 reel)
Max. p. PSU 12V 30W	100 units (1 reel)	100 units (1 reel)
Max. p. PSU 12V 60W	200 units (2 reels)	200 units (2 reels)
Max. p. PSU 12V 150W	400 units (4 reels)	600 units (6 reels)
Max. p. PSU 12V 80W	200 units (2 reels)	300 units (3 reels)
Max. p. PSU 12V 200W	600 units (6 reels)	800 units (8 reels)
LED properties	2 Flux LEDs per unit	
Colour temp.	white: 7500K	
Dimensions	29 x 16 x 12 mm	
Weight	8.8g per unit	
IP rating	IP65	

DecaLED® Square Quattro, Reel of 10 modules

Code	95114011	95114012	95114013	95114014	95114015
Price	See pricelist	See pricelist	See pricelist	See pricelist	See pricelist

DecaLED® Square Quattro, Reel of 100 modules

Code	95114511	95114512	95114513	95114514	95114515
Price	See pricelist	See pricelist	See pricelist	See pricelist	See pricelist

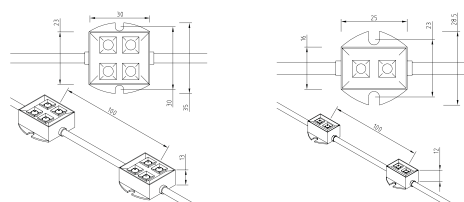
DecaLED® Square Quattro

Product specification

	red, amber	white, green, blue
Voltage	12VDC	
Current	50mA per unit	40mA per unit
Power consumption	0.6W per unit	0.48W per unit
Max. chainable	100 units (1 reel)	100 units (1 reel)
Current at max. chain	5A	4A
Power consumption at max. chain	60W	48W
Control	DecaLED® Controller 2 / Controller 2 Mini	
Max. per controller	300 units (3 reels)	400 units (4 reels)
Max. per output	100 units (1 reel)	100 units (1 reel)
Max. per PSU 12V 30W	50 units (0,5 reel)	50 units (0,5 reel)
Max. per PSU 12V 60W	100 units (1 reel)	100 units (1 reel)
Max. per PSU 12V 150W	200 units (2 reels)	300 units (3 reels)
Max. per PSU 12V 80W	100 units (1 reel)	150 units (1,5 reels)
Max. per PSU 12V 200W	300 units (3 reel)	400 units (4 reel)
LED properties	4 Flux LEDs per unit	
Colour temp.	white: 6500K	
Dimensions	43 x 26 x 13 mm	
Weight	15.5g per unit	
IP rating	IP65	

Accessories

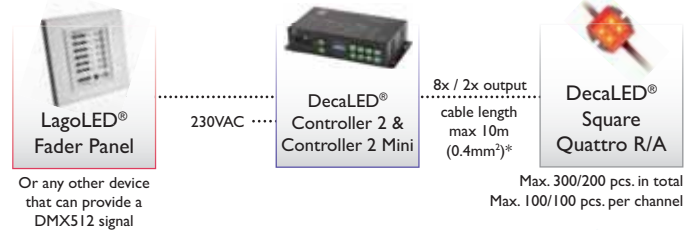
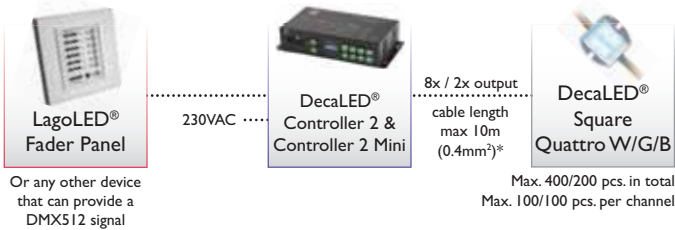
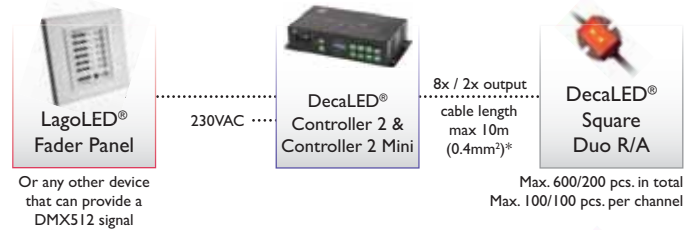
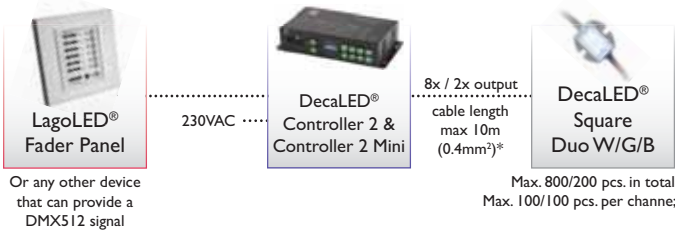
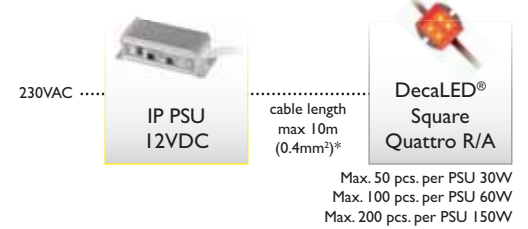
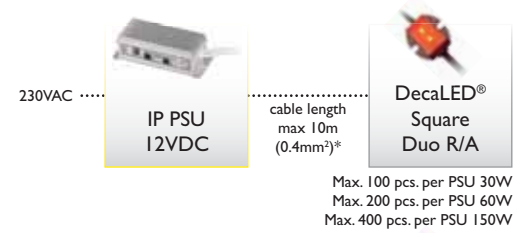
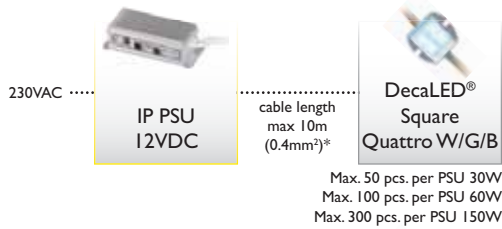
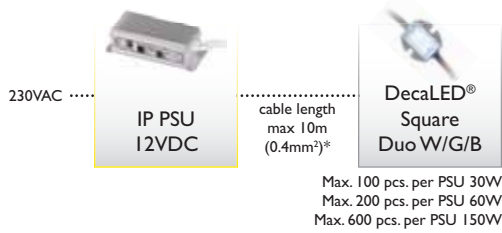
Control	Control	Control	PSU
Controller 2	Controller 2 Mini	Dimmer 12/24VDC	IP PSU 12VDC
95350121	95350122	95390361	Various
See pricelist	See pricelist	See pricelist	See pricelist



Waterproof IP65

Single colour

Demo set page 127



Visit www.lagotronics.com for additional information about this product.

Hands To Work
Venlo, The Netherlands