

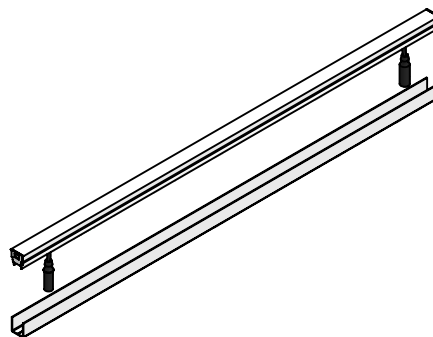
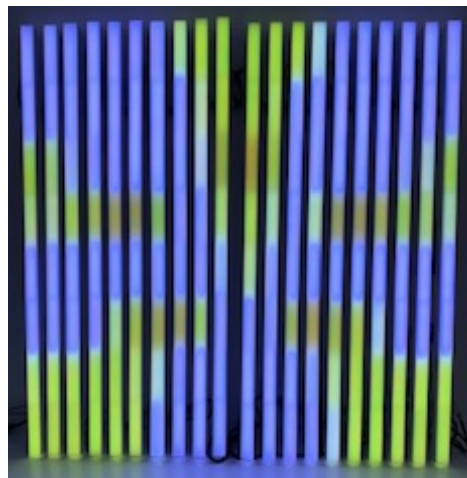
RGB mid power



OverLinear



Overlinear è una barra led a controllo pixel RGB, ogni pixel è composto da 7 led RGB con passo 18mm, per una lunghezza totale di 126mm. La luce è diffusa tramite l'estruso opalino ed è dotata di cassaforma in plastica per il montaggio. La barra dispone di connettore entra ed esci per il rilancio della alimentazione e del segnale di controllo SPI (Serial Peripheral interface) questo segnale permette di inviare fino a 2000 canali convertiti da ART NET a 60 Fps, il sistema di controllo led dispone della grey scale, scramble PWM, e di 10bit di controllo generati dalla unità di controllo, che può essere il Trex Pro dotato di 8 uscite SPI, o dal Trex bis che è dotato di 2 canali SPI. Ogni barra Overlinear riamplica il segnale e lo rilancia alla barra successiva, occorre elettricamente ogni 10 barre riportare l'alimentazione a 24vdc per evitare le cadute di tensione nelle varie connessioni nella versione a 4 W, nella versione a 8W occorre ogni 5 barre. L'indirizzamento delle barre è automatico, ogni barra si autoindirizza alla accensione. Sono disponibili 3 lunghezze diverse 1mt, 2mt, 3mt.

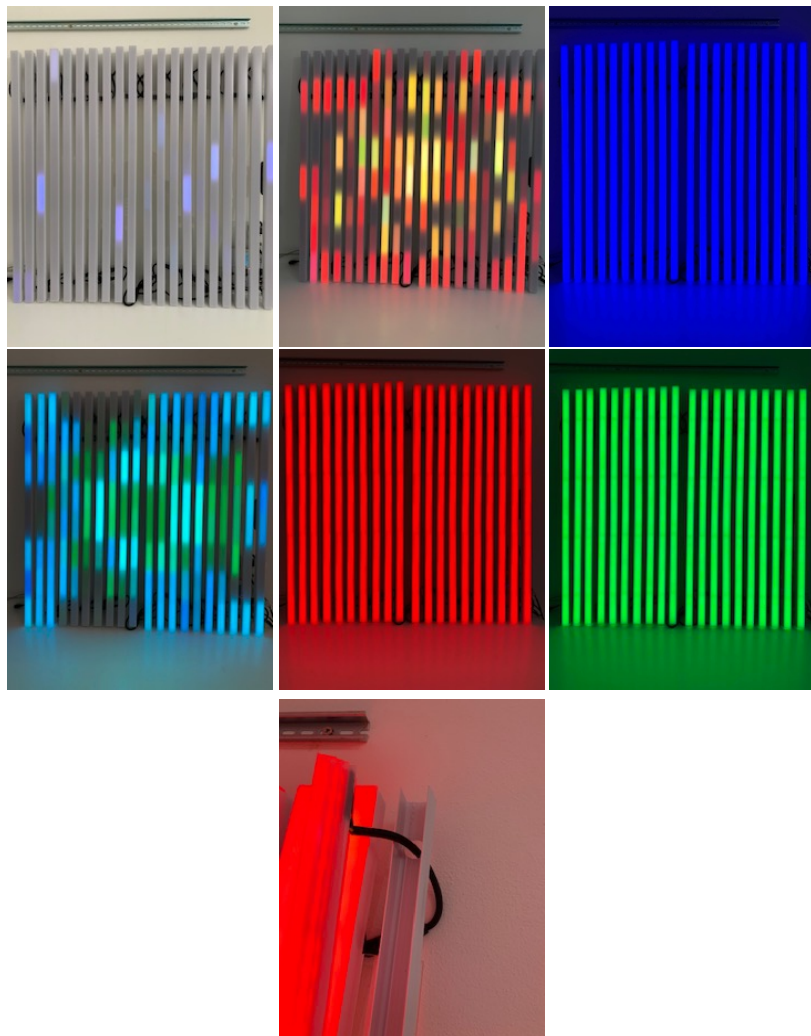


Overlinear is an RGB pixel controlled LED bar, each pixel consists of 7 RGB LEDs with 18mm pitch, for a total length of 126mm. The light is diffused through the extruded opaline and is equipped with a plastic formwork for assembly. The bar has connector input and output for the relaunch of the power and Signal Control SPI (Serial Peripheral interface) This signal allows to send up to 2000 channels converted from ART NET at 60 Fps, the LED control system has the grey scales, PWM scramble, and 10bits of control generated by the control unit, which can be the Trex Pro equipped with 8 SPI outputs, or from the Trex bis which is equipped with 2 SPI output. Each Overlinear bar reamplify the signal and relaunches it to the next bar, it is necessary to electrically return the power to 24vdc to avoid voltage drops in the various connections in the 4W version every 10 bars, in the 8W version it takes every 5 Bars. The patching of the bars is automatic. There are 3 different lengths available 1mt, 2mt, 3mt.

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	Min.	Typ.	Max.
Power supply:	19vdc	24vdc	26vdc
Max power per meter:	3,9W	4W	8W
Communication Standard:	SPI (CK Data)		
Autoaddressing mode	input output self addressing		
Hysteretic Constant Current on board			
Scramble PWM			
Led pitch 18mm Pixel size 126mm			
Total pixel (by 7 led each per pixelr) 8 scalable up to 1 meter pixel by software			
Total led per meter	56		
Type led: Nichia 3528 rgb with white balance			
IP rating 65 , plastic body with opaline optical diffusor			
Connector Ip65 male and Female for easy mounting			
environmental			
operating temperature: -10° to +65°C			
Storage temperature: Tst -20° to +85°			
Case temperature: Tc +65°			

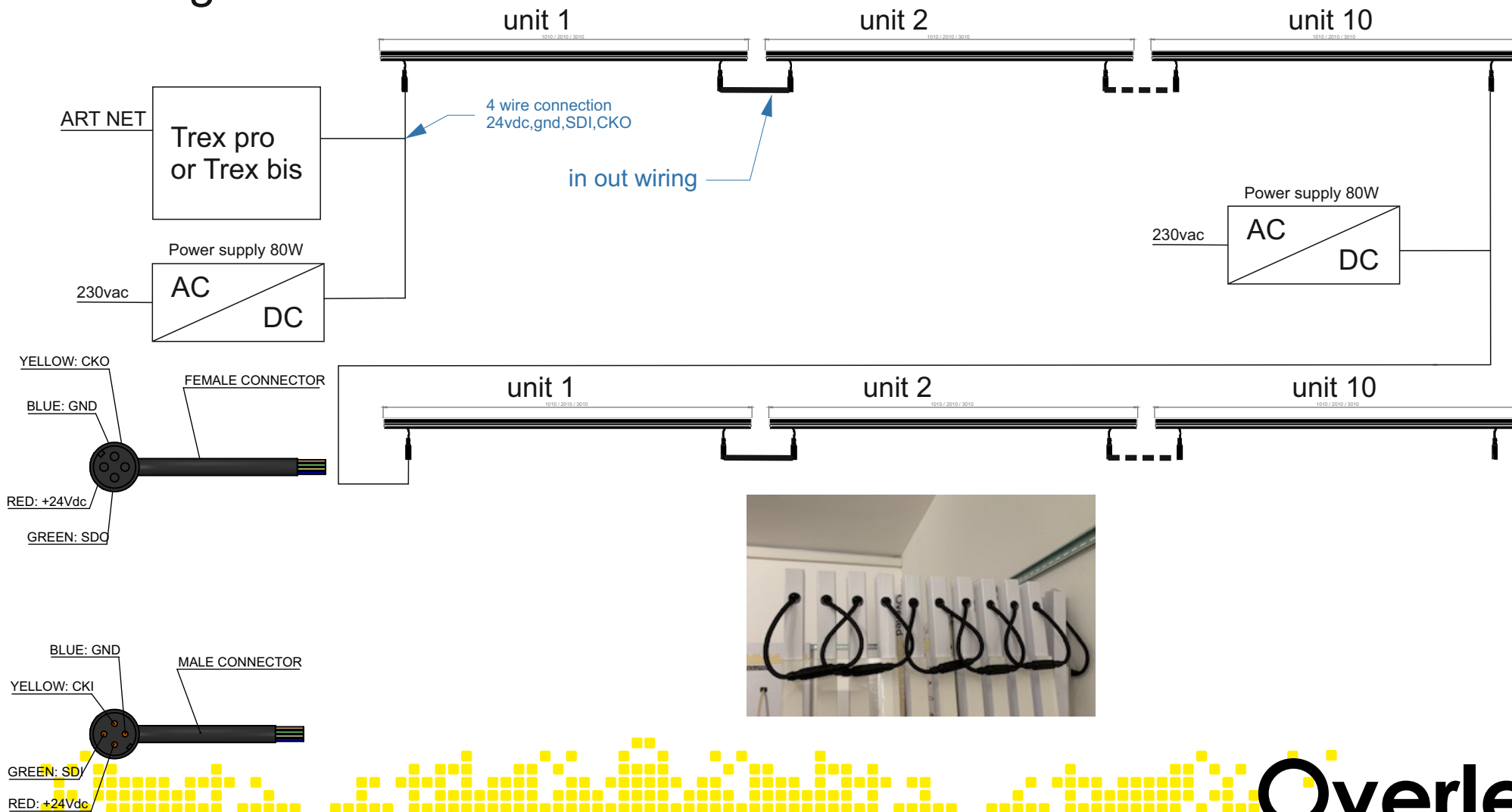
RGB mid power



OverLinear

MADE IN ITALY

Wiring overlinear



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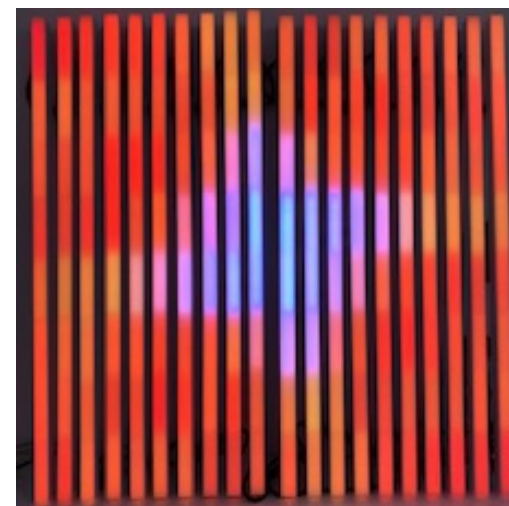
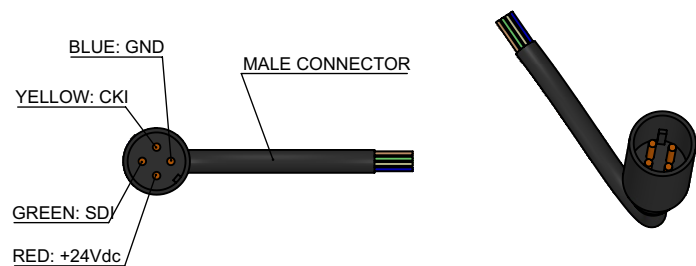
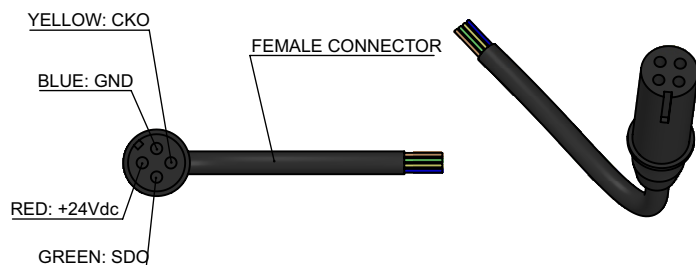
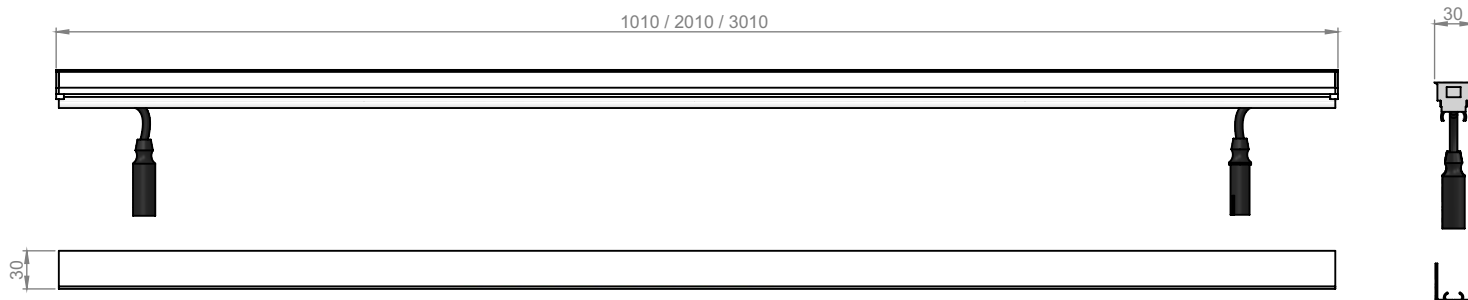
RGB mid power



OverLinear

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DIMENSION



Ordering Code

Overlinear 4w 1010	Ovl4-1m
Overlinear 4w 2010	Ovl4-2m
Overlinear 4w 3010	Ovl4-3m
Overlinear 8w 1010	Ovl8-1m
Overlinear 8w 2010	Ovl8-2m
Overlinear 8w 3010	Ovl8-3m

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