

RGB mid power



OverFlexPix

MADE IN ITALY

OverFlexPix è un tubo flessibile resinato, con controllo pixel individuale, ogni pixel è composto da 7 led RGB con pitch di 18mm, per una lunghezza totale di 126mm.

La luce è diffusa tramite resina poliuretana opalina ed è dotata di sistemi di fissaggio in alluminio. Esistono due versioni di OverFlexPix una versione con emissione luce SIDE e una con emissione luce TOP, queste sono collegabili con connettore maschio femmina dove viene rilanciata alimentazione e segnale di controllo SPI, che è a sua volta amplificato nuovamente internamente al prodotto, il numero massimo di pixel è 1024, ed è necessario rilanciare l'alimentazione ogni 10 metri di prodotto nella versione 4W, mentre a 8W ogni 5 metri.

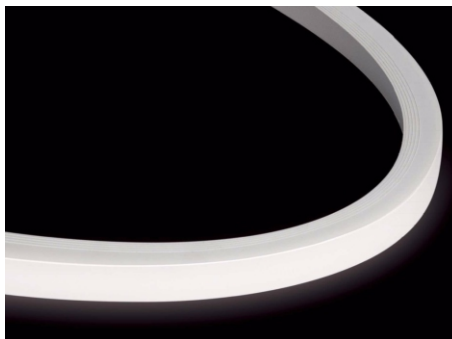
Il sistema di controllo led integrato in OverFlexPix dispone della grey scale curve, scramble PWM, e di 10bit di regolazione generati dalla unità di controllo anche se riceve 8bit da ART NET. Il sistema di controllo ART NET a SPI può essere il Trex Pro dotato di 8 uscite SPI, o dal Trex bis che è dotato di 2 canali SPI, questi interfacciano tramite ART NET alle consolle di gestione.

L'indirizzamento dei pixel è automatico, ogni modulo si autoindirizza alla accensione.

Sono disponibili 5 diverse lunghezze 1mt, 2mt, 3mt, 4mt e 5mt.

Su richiesta sono possibili diverse misure.

Top Version



Side Version



OverFlexPix is a resin tube, with individual pixel control, each pixel consists of 7 RGB leds with 18mm pitches, for a total length of 126mm.

The light is diffused by opal polyurethane resin and is equipped with aluminum fasteners. There are two versions of OverFlexPix, a SIDE light-emitting version and a TOP light-emitting version, these are connectable with the female male connector where power and SPI control signal is relaunched, and amplified again Internally, the maximum number of pixels is 1024, and it is necessary to relaunch the power every 10 meters of product in the 4W version, while at 8W every 5 meters.

The led control system built into OverFlexPix features curved grey scales, PWM scrambles, and 10bits of adjustment generated by the control unit even if it receives 8bits from ART NET.

The Art NET SPI control system can be the Trex Pro equipped with 8 SPI outputs, or from the Trex bis that is equipped with 2 SPI channels, these interface via ART NET to the management shells. Pixel addressing is automatic, each module self-directs when turned on.

There are 5 different lengths 1mt, 2mt, 3mt, 4mt and 5mt.

Several measures are possible on request.

RGB mid power

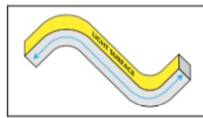
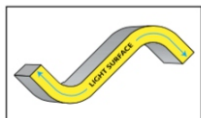


OverFlexPix

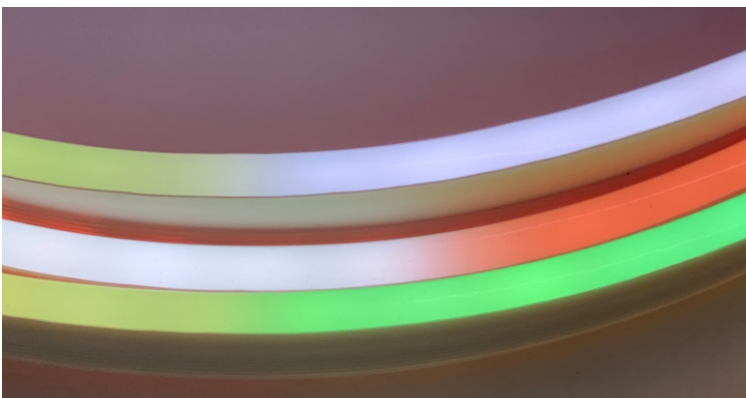
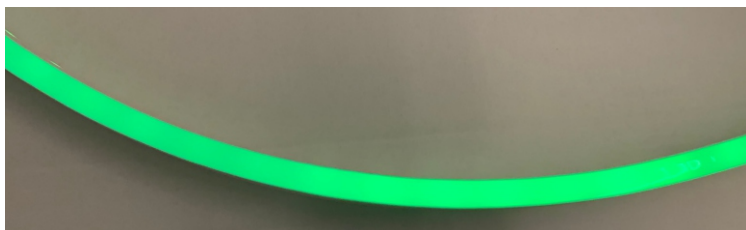
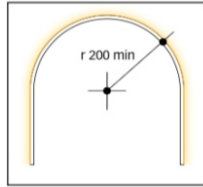
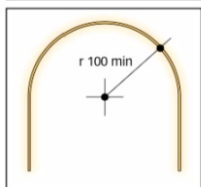
MADE IN ITALY

Max curve angle

Side

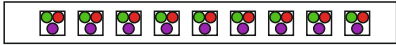


Top



	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°			

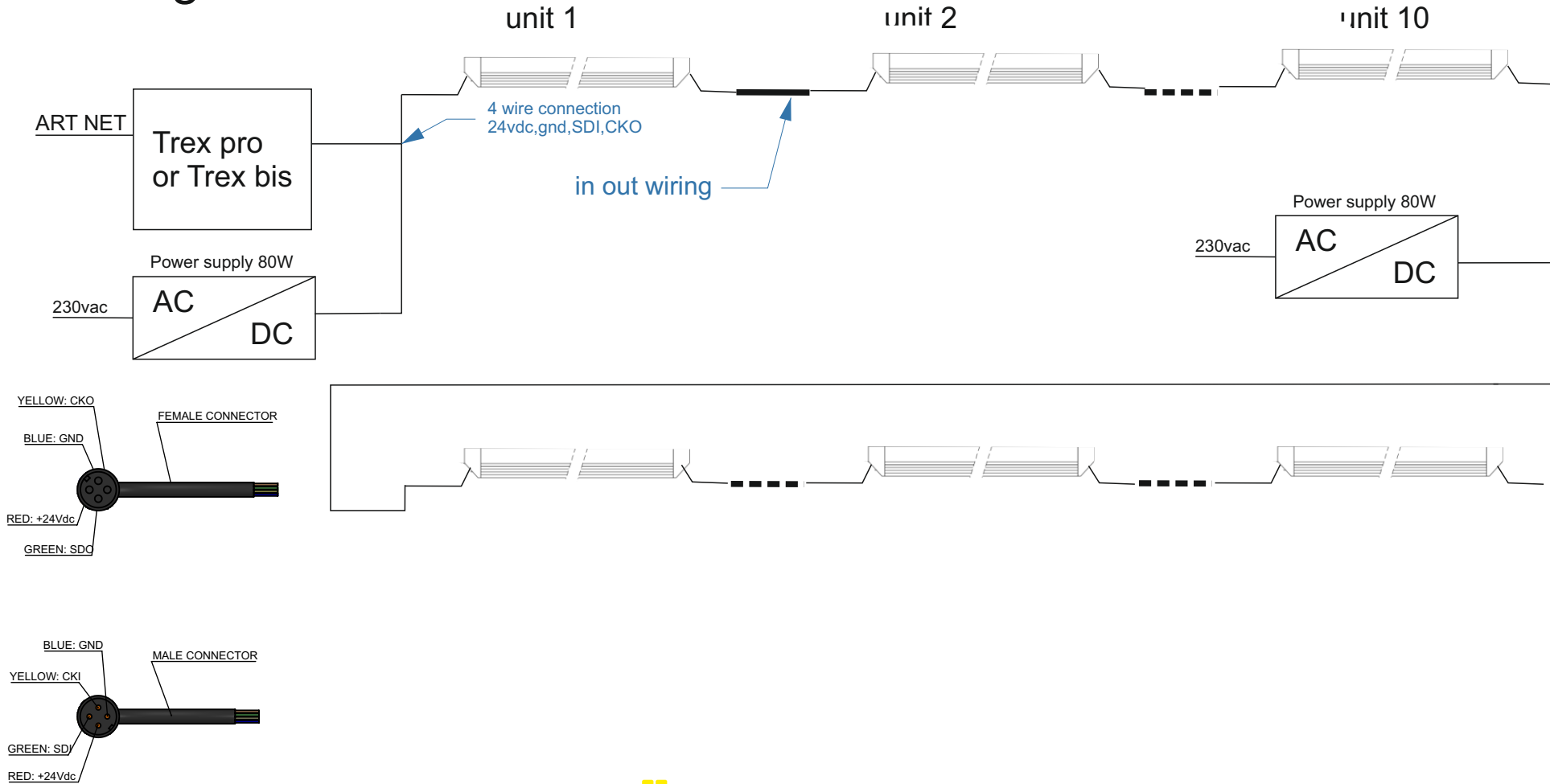
RGB mid power



OverFlexPix

MADE IN ITALY

Wiring OverFlexPix



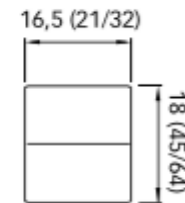
RGB mid power



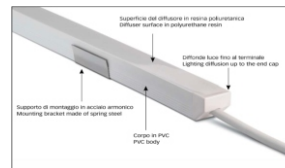
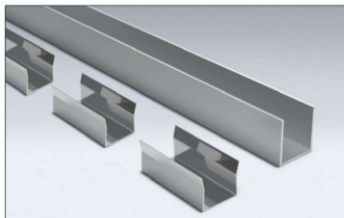
OverFlexPix

MADE IN ITALY

Top Version Size



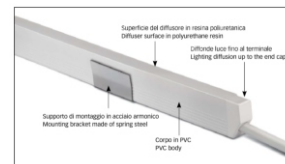
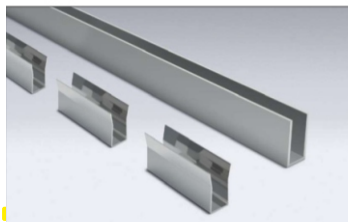
- Extruded aluminium for mounting Ondaled Top on a surface.
- Supports to flush mount Ondaled.



Side Version Size



- Extruded aluminium for mounting Ondaled Side on a surface.
- Supports to flush mount Ondaled.



Ordering Code

OverFlexPix Side 8w 1000 Ovl4s-1m
 OverFlexPix Side 8w 2000 Ovl4s-2m
 OverFlexPix Side 8w 3000 Ovl4s-3m
 OverFlexPix Side 8w 3000 Ovl4s-4m
 OverFlexPix Side 8w 3000 Ovl4s-5m

OverFlexPix Top 8w 1000 Ovl4t-1m
 OverFlexPix Top 8w 2000 Ovl4t-2m
 OverFlexPix Top 8w 3000 Ovl4t-3m
 OverFlexPix Top 8w 4000 Ovl4t-4m
 OverFlexPix Top 8w 5000 Ovl4t-5m

Overled®

| What's next? |

www.overled.eu