



User manual

version 1.0

AEDI LINE PARVUS 18/27/36 RGB



1. ATTENTION

- **Consider the respective national norms during the installation!**
- Do not install the fixture near high inflammable liquids or materials.
- Do not allow anything to rest on the fixture.
- Do not install the fixture near the naked flames.
- Do not install the fixture in dirty or dusty location.
- Do not looking directly into the LED light beam at close range.
- Turn off the power prior to light fixture installation!
- The light fixture may be installed only by a qualified person!
- The light fixture must be wired according to respective electrical standards.
- The manufacturer shall not be liable for any modifications of the product of incorrect installation of the product.

2. ABOUT THE PRODUCT

The modules generate colored light by means of the high power LEDs. The products were designed for exterior use and they are ideal for locations where effect lighting with long lifetime is required. The AEDLINE PARVUS range combines LED technology with a balanced design profile to create truly specific lighting systems. Using precision manufacturing techniques the AEDILINE provides professional solutions for your lighting requirements. Also, it has a passive cooling for optimum thermal management.

It made using highest quality materials and construction methods, bringing the flexibility to outdoor application. This powerful lighting fixture is ideally suited to use in landscape and building illumination and IP66 ensures safe operation in even the most demanding areas.



3. TECHNICAL SPECIFICATIONS

ITEM	AEDI LINE PARVUS 18/27/36 RGB	
Mounting:	Mounting bracket adjustable	
Optical systems:	Spot, Narrow, Medium, Wide, Oval	
LED Device:	RGB OSRAM LEDs	
LED color variants:	Red / Green / Blue	
Lumen Output:	Up to 1468lm	
Input Voltage:	48 V DC (integrated DMX electronics)	
Wiring:	Dimmable Electronic Control Gear DMX 512 A inside Addressable by RDM protocol (without Splitter connection)	
Power cable connection:	SOMMER CABLE - SC-KOLORITH 1 (L=0,5m), IP rated connectors	
Power Consumption:	RGB 18: max. 18W /350 mA 33W/600mA RGB 27: max. 27W /350 mA 48W/600mA RGB 36: max. 36W /350 mA 64,5W/600mA	
Service lifetime:	90,000 hrs. / L70 /@ 25°C	
Operating ambient tem:	-20°C/+40°C	
Materials:	Housing: extruded aluminium Cover: clear hardened glass	
IP Rating:	IP66	
Dimension:	18	71x52x600 mm
	27	71x52x900 mm
	36	71x52x1200 mm
Weight:	18	1,98 kg
	27	2,96 kg
	36	3,95 kg
Finishing standard:	Finish: Natur Elox	
Accessories:	DMX controllers: AEDITEMPA ATTACA& LIBA Power supply: LED DRIVER PS box 230/48 V Cables to be connected in daisy chain: DMX INTER-cable, KOMBI-cable Terminator connector	

4. INSTALLATION - CONNECTION

The AEDILINE PARVUS unit can be arranged in any position orientation. Spotlight body is mounted on a steel “U” bracket for “tilt” adjustment, with fixings which can be locked in desired position.

The AEDLINE PARVUS RGB should be connected to one of the following controllers: AEDI TEMP A ATTACA OR LIBA. (See user’s manuals of AEDI TEMP A ATTACA OR LIBA, which contain details like power requirement, built-in, programs and DMX operation).

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In one DMX string can be connected maximum 32 luminaires. In case there will be used 48V/320W power supply can be connected 8 luminaires and for next DMX connection must be used "DMX-inter cable" to preclude DC Voltage to another string. See picture below.

The last luminaire should be connected with a terminator connector which includes a resistance of 120 ohms.

The maximum length of the combi-cable between Junction box and the last luminaire cannot exceed more than 80 m.

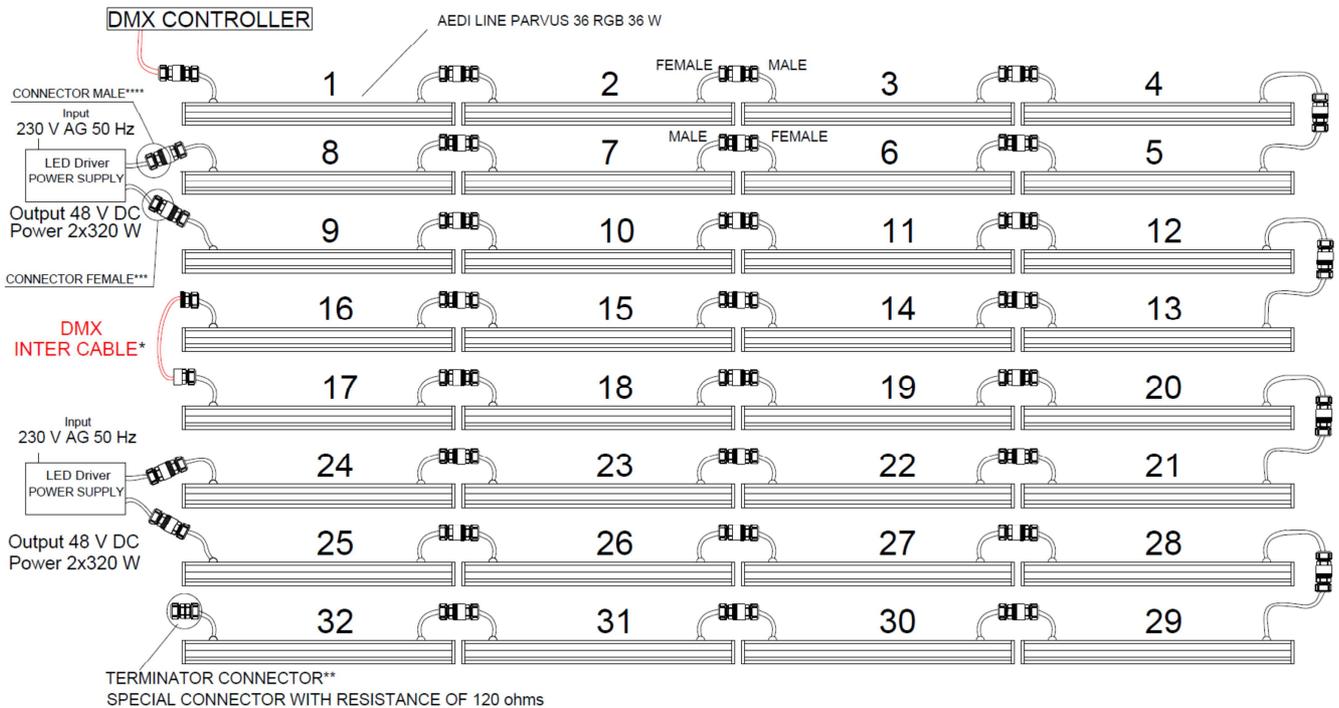
- **Connection-option 350mA:**

Below it shows some calculations how are the connections of the power supply:

- a) AEDILINE PARVUS 36 RGB (36 W)/350mA - maximum number of fixtures in one Daisy chain= 32 luminaires= 1152 W (36Wx32)
- 16 x luminaires=576 W = "LED driver PS" 230V/48V DC 2x320W
- 16 x luminaires=576 W = "LED driver PS" 230V/48V DC 2x320W

In one Daisy chain= 2 x "LED driver PS" 230V/48 V DC 2x320W

Besides, between luminaires 16-17 it must be installed a DMX inter cable which you can order in any length to the manufactures.



*DMX INTER CABLE SEE PICTURE 1)
 **TERMINATOR CONNECTOR SEE PICTURE 2)
 ***CONNECTOR FEMALE SEE PICTURE 3)
 ****CONNECTOR MALE SEE PICTURE 4)

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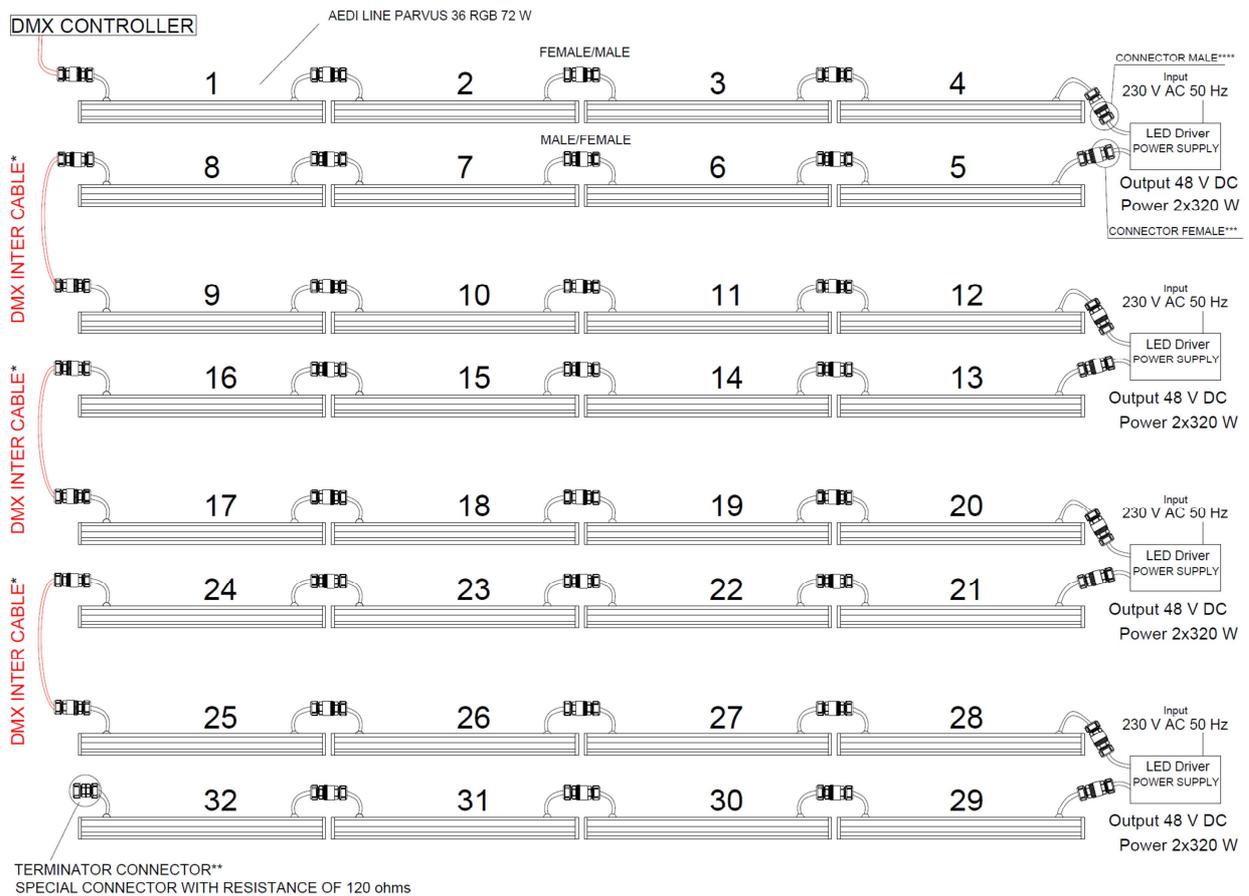
- **Connection-option 600mA:**

Below it shows some calculations how are the connections of the power supply:

- b) AEDILINE PARVUS 36 RGB (64W)/600 mA-maximum number of fixtures in one Daisy chain=32 luminaires=2048W (64Wx32)
 8 x luminaires=512 W = "LED driver PS" 230V/48V DC 2x320W
 8 x luminaires=512 W = "LED driver PS" 230V/48V DC 2x320W
 8 x luminaires=512 W = "LED driver PS" 230V/48V DC 2x320W
 8 x luminaires=512 W = "LED driver PS" 230V/48V DC 2x320W

In one Daisy chain= 4 x "LED driver PS" 230V/48 V DC 2x320W

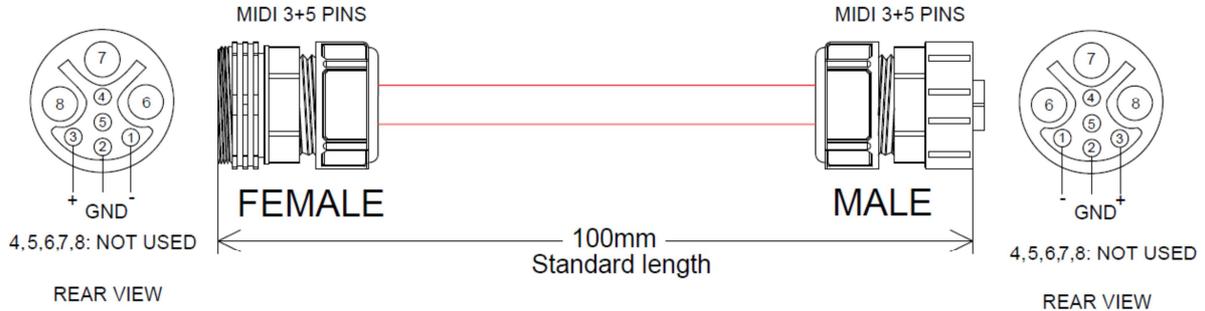
Besides, between luminaires 8-9, 16-17, 24-25 it must be installed a DMX inter cable which you can order in any length to the manufactures.



*DMX INTER CABLE SEE PICTURE 1)
 **TERMINATOR CONNECTOR SEE PICTURE 2)
 ***CONNECTOR FEMALE SEE PICTURE 3)
 ****CONNECTOR MALE SEE PICTURE 4)

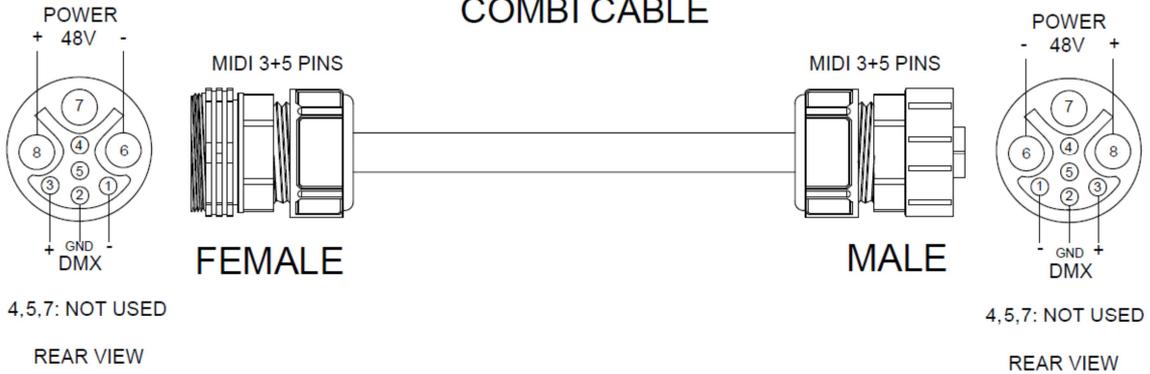
1) DMX-Inter cable

DMX- INTER CABLE

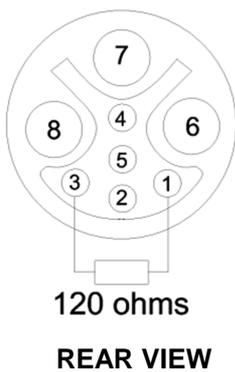


2) COMBI cable

COMBI CABLE



3) Terminator connector



4) Connector FEMALE:



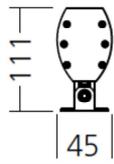
5) Connector MALE



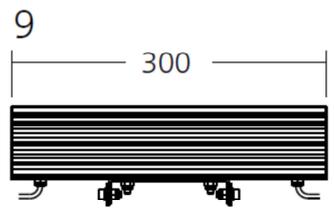
6) COMBI cable -Power/DMX:



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ERROR: ioerror
OFFENDING COMMAND: image

STACK: