

## USER MANUAL

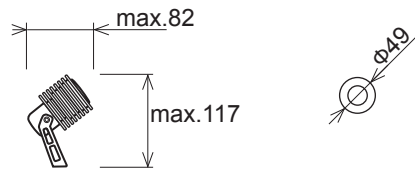
### LL PRO POINT

**LL46 500**

#### COMPLIMENTS ON YOUR PURCHASE!



All dimensions are in millimeters



#### Following items are included:

- LL PRO POINT with 5 m cable and XLR 6PIN connector 1 pc.
- User manual 1 pc.

#### Additional items needed:

- LL PRO SPLITTER RGB – must be ordered separately!!! 1 pc.
- LL PRO DRIVER12/36 1 pc.
- Controller compatible with DMX 1 pc.
- Screws and washers M6 1 pc.

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#### ENVIRONMENT



Do not throw away the appliance with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.

#### 01 SAFETY INFORMATION



#### WARNING!!!

Carefully read before installing, powering or servicing.  
Nothing to do if anything misunderstand! Installation can be done only by a qualified professional in accordance with relevant local codes.

##### 01.1 Risk of eyes damage



- Do not look directly into LED lamps.
- Do not look into light beam from a distance of less than 40 cm (16 inches)!

##### 01.2 Protection from electric shock



- Shut down power before installation or maintenance.
- Luminaries, Splitter, Driver and recommended power supply must be installed by a qualified professional in accordance with relevant local codes. Only acceptable source of power and frequency that complies with local building and electrical codes to use.
- Do not use or do not connect the products if the power cable, power plug or fixtures are any way damaged, wet, or if they are overheating.
- Do not modify, alter, or attempt to service the LeaderLight appliance. Doing so will void the warranty.
- Before removing or installing any cover or part of appliance disconnect from power.

**Operation only with LLPRO SPLITTER and DC 24V source!**  
**By using a high voltage AC power supply - danger of electric shock!**

##### 01.3 Fire prevention



- Follow all safety considerations.
- Device never shield – minimum distance around fitting must be 100mm (4 in.).
- LEDs never direct cover with filters or other materials.
- Allowing max. ambient temperature is 40°C (104°F).
- Luminary never use without original mounting bracket.

#### 02 PRODUCT SPECIFICATION

##### 02.1 Technical Specification

<b>Lamp type:</b>	1xRGB 3x1W P5 *
<b>Lifetime:</b>	Long 50 000 hrs70% degradation
<b>Optic:</b>	Standard 25°, On request 40° - on request
<b>Control data Input:</b>	3 channels 24V dimming
<b>Input power:</b>	6xLL PRO POINT + LL PRO SPLITTER: 5W
<b>Power connection:</b>	24V DC 1,5m cable with 6pin XLR to SPLITTER
<b>Net weight:</b>	0,2 kg
<b>IP:</b>	IP43 or IP65 on request
<b>Ambient temp. (Ta):</b>	Maximum 40°C
<b>Cooling:</b>	Conventional
<b>Materials and finish:</b>	Housing: powder-painted anodized aluminium in black (other colours on request)
<b>Installation:</b>	Surface mounting

\* P5: RGB-Red and Green and Blue

#### 03 INSTALLATION

##### 03.1 Unpacking

- Unpack carefully.
- This is electronic equipment and should be handled carefully.
- Damaged delivered package or if are any mechanical parts broken – it must be claim immediately by the transport company. Photo pictures as evidence are valuable for future claim.

##### 03.2 Physical installation

- Loading capacity of bearing area has to be at least 10 times the weight of all device clusters (luminaries, clamps, cables, ...).
- Hairbreadth from combustible materials is 0,5m.

##### 03.3 Connecting to the Splitter and Driver



- **To tackle all Safety Information- 01!**
- You can suffer a dangerous electric shock by using a high voltage AC/DC power supply - by touching the AC/DC power supply wires inside LL PRO POINT!
- LL PRO POINT MUST BE operated only with LL PRO SPLITTER.
- After installing the LL PRO DRIVER you are ready to make the connections from fixtures to LL PRO SPLITTER.
- It is not necessary to open fixture before connecting to LL PRO SPLITTER.
- Pull the XLR 6PIN cable connector from the fixtures to the LL PRO SPLITTER output.
- LL PRO SPLITTER operate with LL PRO DRIVER.
- Connection ability - see pictures "Electrical Connections" (Figure Nr. 1.1).

#### WARNING!!!

**LL PRO POINT OPERATE ONLY with LL PRO SPLITTER RGB!**

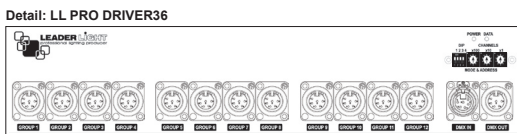
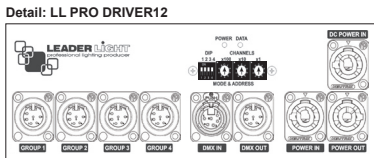
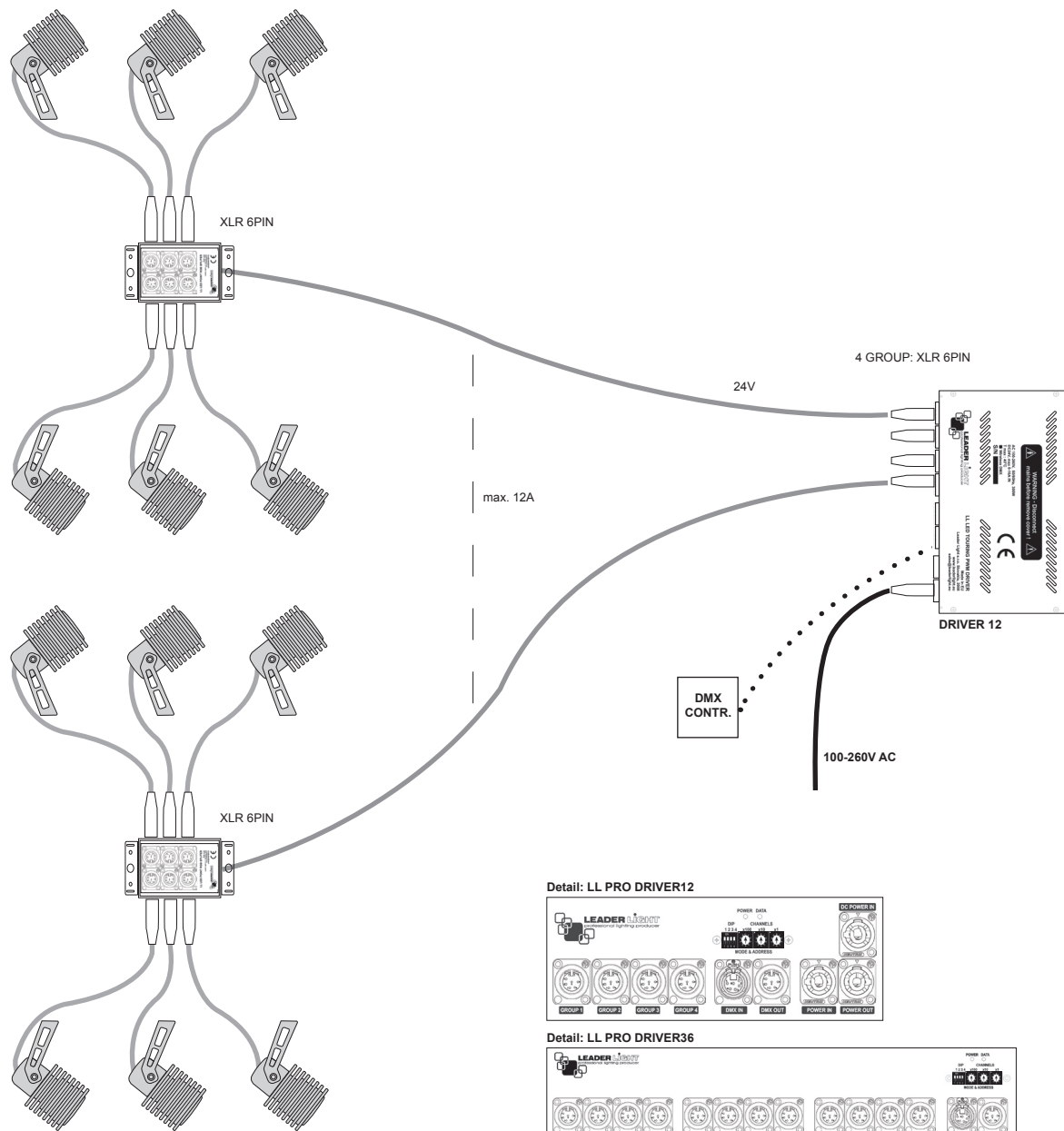
#### 04 MAINTENANCE



- **To tackle all Safety Information- 01!**
- Damage caused by inadequate cleaning or maintenance is not covered by warranty.
- Regular cleaning is demand (dust, dirt, ...).

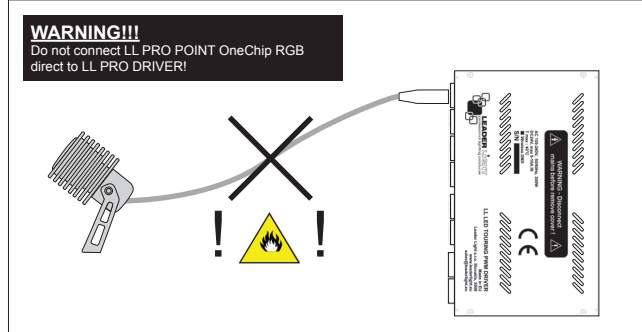
#### Maintenance policy:

- Unplug mains before maintenance and at least 10 minutes cool off
- Appliance do not illegal open or demount
- Clean-up dust only from outer surface (for ex. diffuser and lenses).
- Use vacuum or dumpy duster (warm water)
- Before reinstalling to check failure-free state – no wet parts!

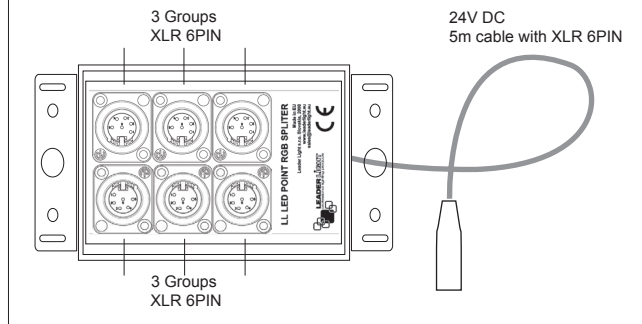


**Connection conditions:**

- Each SPLITTER Out to fitting must be connected
- Maximal allowed current on SPLITTER Out is 3x0,35A
- Never use more fittings as maximal allowed amount
- LL PRO SPLITTER RGB is calculated only for LL PRO POINT RGB fixtures



**LL PRO SPLITTER RGB**



**AIMING POSSIBILITY**

The fixture could be aim to wish position with bracket.

Order code	Product name	I <sub>c</sub> (A)
LL46 500	LL PRO POINT OneChip RGB	3x0,35A
LL43 420	LL PRO SPLITTER RGB 6xOut, XLR 6pin	

If you have any question please, contact [support@leaderlight.sk](mailto:support@leaderlight.sk)