



WallWasher® WS INSTALLATION GUIDE - EN

Scope of Instruction Manual

The purpose of this user manual is to explain the steps to qualified persons for the installation the product to assure peak performance.

This document can not be used as a substitute for any eligible code, law or regulation. For the warranty to be valid, instructions in the manual must strictly be obeyed.

Danger and Warning Terms

DANGER: Imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING: Potentially hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION: Potentially hazardous situation that, if not avoided, may result in minor injury.

REMARK: Potentially hazardous situation that, if not avoided, may result in property damage.

Carrying and transportation facts

The piling limits that are mentioned on the product box must be held during transportation of the products. Products must be protected from direct impact during transportation.

The contractor, installer, receiver or owner of the product is responsible for defects that can occur during transportation and carrying.



EU Conformity Assessment:

Manufacturer Name: PSL ELEKTRONİK SAN. ve TİC. A.Ş

Address: Organize Sanayi Bölgesi 3. Etap 34. Cad. No:9 Döşemealtı Antalya/Türkiye

Telephone: +90-(242)-2288150(Pbx)

The manufacturer assesses that the product WS comply with the standards concerning CE Low Voltage Directive (LVD) 2006/95/EC.

Content of the box

1 pcs WS

Application Areas

WS Series projector, can be used as spot and flood, at facade illumination, wall painting, billboard illumination, object illumination, indoor and outdoor.

Technical Properties

Electromechanic Properties

- Anodized aluminum body
- Luminaire foot is stainless steel.
- PC Luminaire glass

Voltage Options

AC: 220-240V (depends on product)
DC: 24V

Maximum Power Consumption

Product power consumption of 16W-100W and these values vary depending on the choosen model.

IP Class: IP66

Lifetime

50.000 hours approximately

Body Properties

D WS118

A = 170mm
LED Quantity: 18



D WS236

A = 320mm
LED Quantity: 36



D WS354

A = 480mm
LED Quantity: 54



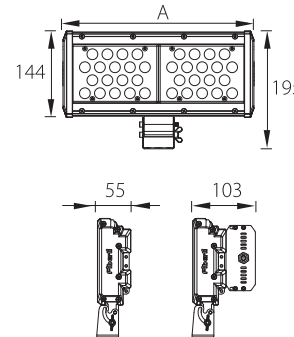
D WS336

A = 480mm
LED Quantity: 36



D WS472

A = 610mm
LED Quantity: 72



Controller Options

- DMX data input and output are provided with PG9 connector and cable as standard. Optionally, RJ45 or XLR connectors can be used.
- Power input is provided with PG9 connector and cable as standard. Optionally, PowerCon can be used.
- If DMX controller is out of luminaires (external) at metachromatic luminaires, it is only produced as 24 V DC.

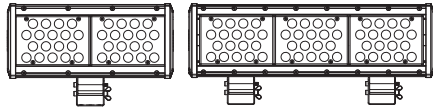
Mounting Method

- **REMARK:** When taking delivery of your product, be sure to check if there is physical damage. For the change of defected products, contact your dealer within 7 days from the date of purchase.
- **REMARK:** When taking delivery of your product you should be sure if your product is complete with accessories.
- **REMARK:** Please store your product's original box or package, accessories, bill, etc... for possible usage by the service.
- **REMARK:** Make sure not to damage the model number, product's barcode and serial number. If they are unreadable or worn out, your product's warranty will be void.
- **WARNING:** The products must be used within their intended use.
- **REMARK:** Manufacturer is not responsible for the injury or damage caused by the improper use of the product.
- **WARNING:** Electrical connections must only be carried out by qualified personnel.
- **WARNING:** Disconnect all electrical power from the electrical cables before you begin the installation. To do this, remove the fuses or set the circuit breakers to closed position.
- **WARNING:** Do not use if the power cables are damaged. Doing so can result in death, serious injury, or property damage.
- **REMARK:** Before installation be sure that armature and the cables are not damaged. There should be no notch or things that can harm the armature in the place where the armature will be fixed.
- **REMARK:** Make sure that the product not to receive higher voltage than operating voltage. For the malfunctions in case of over voltage the company will not be responsible and warranty will be void.
- **REMARK:** Additional apparatus which is determined by our company must be used for mounting.
For example: screws, clamps, terminals ...
- **WARNING:** Do not use the product in places with electric leakage possibility.
- **WARNING:** The product should not be used while its top is covered.
- **WARNING:** This product should only be installed on non-combustible material.
- **WARNING:** Cable ports must be insulated with connection terminals or melting tape.
- **REMARK:** Do not modify, repair or make any physical intervention on the product. Doing so will result in property damage and will void the warranty.
- **ATTENTION:** While the luminaire is mounting, there must be at least 20 cm airspace between the luminaire body and the objects of the luminaire in order to prevent possible overheating.
- **ATTENTION:** Maximum high should not exceed 20 meters.

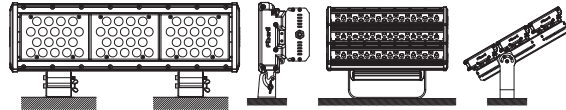
Mounting

All pieces of mounting foot are stainless steel.

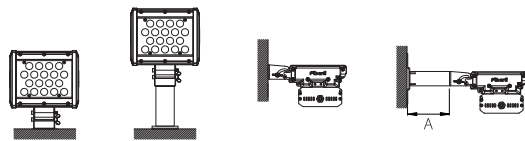
1- According to luminaire's length 1 or more feet can be mounted. Up to 20 cm 1 foot, 20 cm and more 2 feet given as standard.



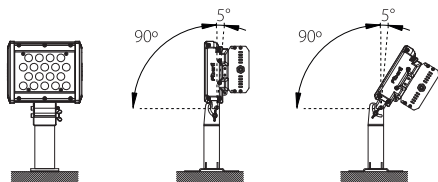
2- Luminaire feet can be mounted below or side gate of luminaires according to intended purpose.



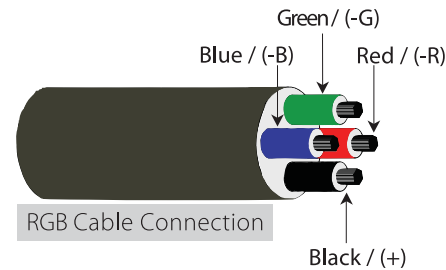
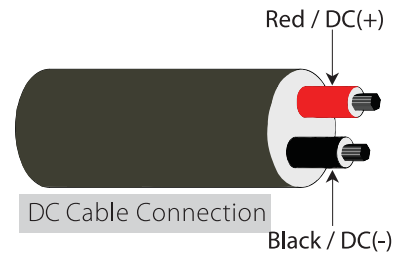
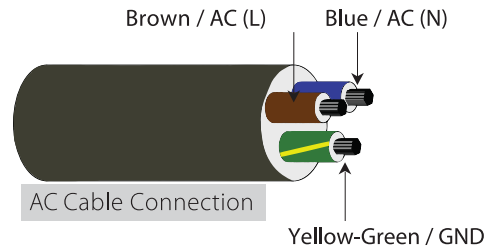
3- Foot length (A) can be prolonged with a special designed aluminum foot profile, optionally. The foot lengths are parts with 5 cm, 10 cm and 20 cm, as standard.



4- Mounting angle of luminaire can be adjusted between 0-95 degrees.



Cable Connection



IMPORTANT REMARKS

DANGER: In the event of any failure of the product; if you are not an expert on repair, please contact our expert authorized service.

REMARK: Intervention by unauthorized persons rather than Authorized Technical Service will void the warranty.

REMARK: During installation or the first run of the product, the company is not responsible for any electrical equipments which does not belong to the product or the undesired situations related with these equipments.

REMARK: In case of the damage of the external flexible cable or cord of this equipment; it must be replaced by the manufacturer, authorized dealer or qualified persons, in order to avoid dangerous situations.

MAINTENANCE

The product must have maintenance by the authorized service personnel every 2 years periodically.

HEADQUARTER & FACTORY

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