



## Use and maintenance instructions

### Delux 360° Service

Fixed bollard for outdoor use, for the mains connection of portable appliances. Possible options: emergency light, USB port, motions sensor. Suitable for plinth/floor installation, and also pre-set for installation on a Ø60mm pole.


TECHNICAL DETAILS: refer to the product label

 The UE declaration of conformity can be downloaded from our website [www.marecoluce.it](http://www.marecoluce.it)


 Insulation Class I


**IP65** Luminaire  
Protection degree against dust ingress, solid particles, moisture

**IP55** Modules  
Protection degree against dust ingress, solid particles, moisture

 This luminaire holds a lighting source in "F" energy efficiency class.

**SVM>0,9** This product is intended for use in outdoor applications, industrial applications and other applications for which lighting standards allow a CRI <80.

 Caution, risk of electrical shock. The lighting source of this luminaire must be replaced by the Manufacturer only

 This product must not be disposed as a normal household waste

### WARNINGS.

- THE SAFETY OF THIS PRODUCT IS GUARANTEED ONLY WITH THE RESPECT OF THE EXISTING RULES FOR THE ELECTRICAL SYSTEMS, AND WITH THE APPROPRIATE USE OF THESE INSTALLATION INSTRUCTIONS, THEREFORE IT IS NECESSARY TO KEEP THEM.
- THE IMPROPER USE OF THIS PRODUCT IS FORBIDDEN; ANY TAMPERING WITH THE PRODUCT OR MODIFICATION OF THE PRODUCT THAT IS NOT AUTHORIZED BY MARECO LUCE CAN CAUSE DAMAGE TO PEOPLE, ANIMALS OR THINGS, AND WILL VOID ANY WARRANTY OR LIABILITY.
- SWITCH OFF THE ELECTRICITY BEFORE CONDUCTING ANY KIND OF MAINTENANCE.
- THE PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH BEST PRACTICE.
- DAMAGED COMPONENTS MUST BE REPLACED BEFORE PUTTING THE PRODUCT BACK INTO SERVICE WITH MARECOLUCE SPARE PARTS.
- DO NOT COVER OR OBSCURE THE LIGHTING SOURCE.
- THE IP RATE OF THE SINGLE MODULES IS MEASURED WITH THE COVER CLOSED.
- THE IP55 ELECTRICAL BOX (INCLUDED) FITS THE OPTIONAL ACCESSORIES OF THE RANGE "DELUX SERVICE", AND IT FITS ALSO VIMAR® PLANA®, VIMAR® EIKON® AND VIMAR® ARKE® ACCESSORIES THAT YOU CAN PURCHASE BY THE AUTHORISED DEALERS.
- THE MANUFACTURER IS NOT AT ALL RESPONSIBLE FOR THE CHOICE OF THE D60MM POLE USED FOR THE INSTALLATION.
- THE D60MM POLE USED FOR THE INSTALLATION MUST HAVE A HEIGHT OF 80MM (min) TO 150MM (max), AS SHOWN IN PICT. A

### GENERAL MAINTENANCE RECOMMENDATIONS:

- CLEAN THE LUMINAIRE PERIODICALLY TO REMOVE POSSIBLE DIRT DEPOSITS THAT MAY DAMAGE IT OR ALTER THE PHOTOMETRICS PERFORMANCE.
- DO NOT USE HARSH DETERGENTS, ABRASIVE CLOTHES, HIGH- PRESSURE WASHERS, WATER AT A TEMPERATURE HIGHER THAN 60°C TO CLEAN THE LUMINAIRE.
- THE BASE AND THE OTHER PARTS OF THE PRODUCT CANNOT BE COVERED BY SOIL OR PUT IN CONTACT WITH AGGRESSIVE CHEMICAL SUBSTANCES (HERBICIDES, FERTILIZINGS, ETC).
- CHECK THE TIGHTNESS OF THE SCREW SECURING THE FITTING.
- CHECK THE INTEGRITY OF THE FITTING COMPONENTS: REPLACE THEM IN CASE OF DAMAGE BY USING ONLY ORIGINAL MARECO LUCE PARTS.
- CHECK THE PLASTIC CASINGS CAREFULLY IN ORDER TO IDENTIFY ANY POSSIBLE INSULATION DAMAGE.
- IT IS RECOMMENDED TO USE SILICONE GREASE ON THE THREADED PARTS OF THE CLOSING SCREWS IN ORDER TO MAKE FUTURE MAINTENANCE.

### INSTALLATION INSTRUCTIONS FOR PLINTH MOUNTING:

1. Loosen the screws (1) and remove the base (2).
2. Fasten the base (2) to the plinth using some screws or expansion caps (not included) by applying 2,5 Nm.

**PAY ATTENTION:** Choose screws and expansion caps suitable for the type of installation that you are conducting.

3. Unscrew the dowels (3) and remove the electrical box (4).
4. Insert the power supply cables (5) into the bollard and pull one cable out from the slot.
5. Make a hole into the cable guide (6) smaller than the diameter of the power supply cable, and insert the power supply cable (5).
6. Make the electrical connections to the module, and insert them into the electrical box (4): for the electrical connection follow the instructions of the selected accessories.
7. Place the electrical box (4) into the bollard (7) and tighten the dowels (3).
8. Connect the luminaire to the mains throughout a watertight connection, and paying attention to respect both the polarities and the insulation class.
9. Insert the housing (7) into the base (2) and tighten the screws (1).

### INSTALLATION INSTRUCTIONS FOR MOUNTING ON POLE Ø60mm:

1. Loosen the screws (1) and remove the base (2).
2. Fasten the base (2) to the pole (8) by tightening the supplied dowels (5): pay attention to apply a suitable tightening torque to the pole used for the installation. See pict. A.
3. Unscrew the dowels (6) and remove the electrical box (7).
4. Insert the power supply cables (8) into the bollard and pull one cable out from each slot.
5. Make a hole into the cable guide (6) smaller than the diameter of the power supply cable, and insert the power supply cable (8).
6. Make the electrical connections to the modules, and insert them into the electrical box (4): for the electrical connection follow the instructions of the selected accessories.
7. Place the electrical box (4) into the bollard (7) and tighten the dowels (3).
8. Connect the luminaire to the mains throughout a watertight connection, and paying attention to respect both the polarities and the insulation class.
9. Insert the housing (7) into the base (2) and tighten the screws (1).

