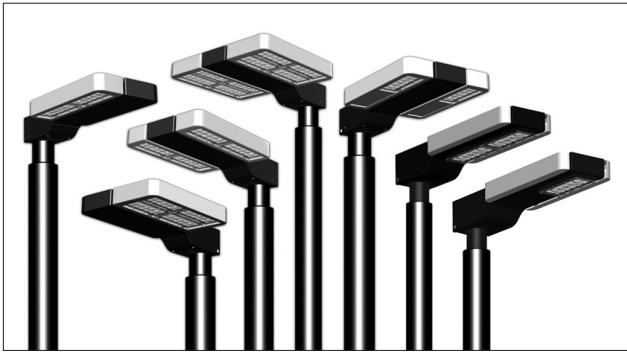




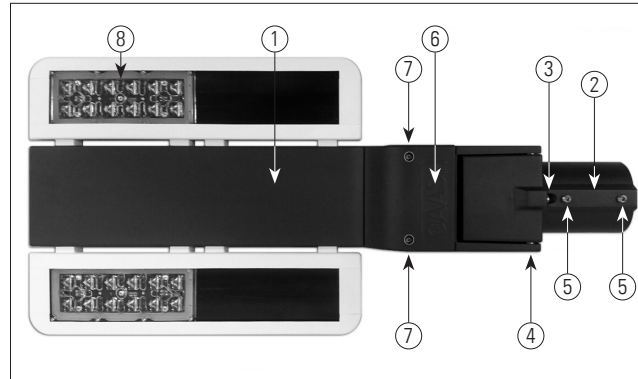
# Apollo & Mini Apollo



## • Installation Instructions • Safety Instruction for Installation & Maintenance

These instructions should be read carefully and retained after installation for further reference and maintenance.

- Before installation of this luminaire or any maintenance or lamp replacement, please ensure that the mains/electric supply to the luminaire is switched off and the applicable circuit supply fuses are removed or applicable circuit breaker turned off.
- Please ensure that a qualified electrician is consulted or used for the installation of this luminaire and that it is installed in accordance with the current edition of the IEE wiring regulations.
- Please ensure that the total load on the circuit with this luminaire installed does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Please ensure that a qualified electrician is consulted or used for the installation of this luminaire and that it is installed in accordance with the current edition of the IEE wiring regulations.
- Please ensure that the total load on the circuit with this luminaire installed does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Use an appropriately rated lamp, according to the sticker on the fitting.
- Fitting must not be covered with any kind of isolating sheets or materials.



**Structure:** 1. Body | 2. Arm bracket | 3. Bracket tightening screw | 4. Bracket hinge pin | 5. Arm reinforcement screw | 6. Door | 7. Door screw | 8. Light module | 9. Horizontal installation track | 10. Post top (vertical) installation track

LED luminaire for illuminating roads, streets, living streets, open public areas, parks, public parks, etc.

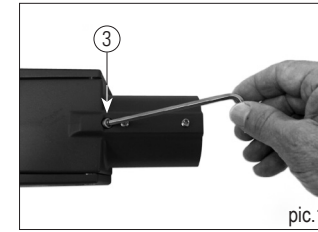
Body: cast aluminum with a heat cured polyester paint finish.

Installation: 60 mm (2") arm.

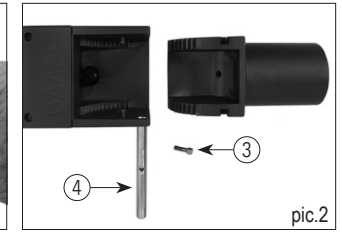
- The product does not require maintenance.
- For any malfunction please contact Gaash Lighting or the local agent

### Installation:

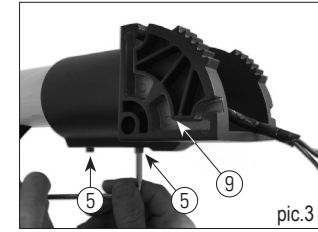
1. Remove the luminaire from the packaging and plan the installation angle of the arm/post.
2. Loosen the bracket screw (3) and pull out the hinge pin (4) to separate the bracket (Illustrations 1-2).
3. Place the bracket (2) on the arm with the power input cable threaded, and tighten the tightening screws (5) (Illustration 3).
4. Thread and hang the luminaire (1) using the tracks in the bracket (illustrations 3-4).
5. Open the door (6) by loosening the two screws (7), thread the power input cable through the Antigron and tighten properly.
6. Lift the body and position it at the correct angle, by aligning the cogs, and slide the hinge pin (4) back into its place.
7. Connect the power input cable to the clamp, close the door and tighten both door screws (illustration 5).
8. Adjust the hinge pin, aligning it with the line marked on the body (illustration 6) and tighten the bracket screw (3) so that the body and the bracket fit tightly.
9. Level the body by loosening the tightening screws (5) and then tightening them well.



pic.1



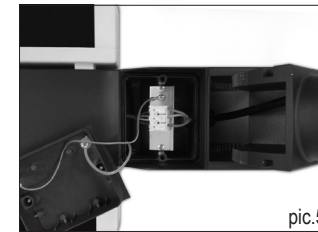
pic.2



pic.3



pic.4



pic.5



pic.6

### Warnings:

- The power supply must be cut off every time the luminaire is handled.
- Broken or cracked lenses must be replaced.
- Do not touch or dismantle the LED module or any part thereof. In the event of any malfunction, contact Gaash.
- In a product with a control - connect the control to the controller installed in the luminaire following the appropriate instructions.

| Technical data          | 1-2 Moduls         | 4 Moduls           | 4 Moduls           |
|-------------------------|--------------------|--------------------|--------------------|
| Lumen output            | 3000-8000          | 12000-15000        | 20000-24000        |
| Installation height     | 4-8 meters         | 7-10 meters        | 9-14 meters        |
| Maximal cross section   | 0.04m <sup>2</sup> | 0.04m <sup>2</sup> | 0.04m <sup>2</sup> |
| Weight rang (kg)        | 5.0-7.5            | 7.5-8.5            | 10.5-11.5          |
| Ingress protection rate | IP66               | IP66               | IP66               |
| Lamp lenght (cm)        | 59                 | 59                 | 59                 |
| Lamp wight (cm)         | 17-32              | 31-32              | 48                 |
| Wattage                 | 230V/50Hz          | 230V/50Hz          | 230V/50Hz          |