

## SALEM LUMINAIRE

- **GENERAL DESCRIPTION**

The luminaire shall be weather resistant, with protection degree IP54, and shall be designed for mounting to column of 76mm diameter. It shall operate with high-pressure sodium, metal halide and mercury vapour lamps up to 175watts, and low-pressure sodium up to 35watts. Its photometric distribution shall be street-type asymmetric, providing zero light emission towards the upper hemisphere.



Ballast, housing, luminaire and optical assembly shall all belong to the same manufacturer to ensure suitable quality.

- **MECHANICAL CONSTRUCTION**

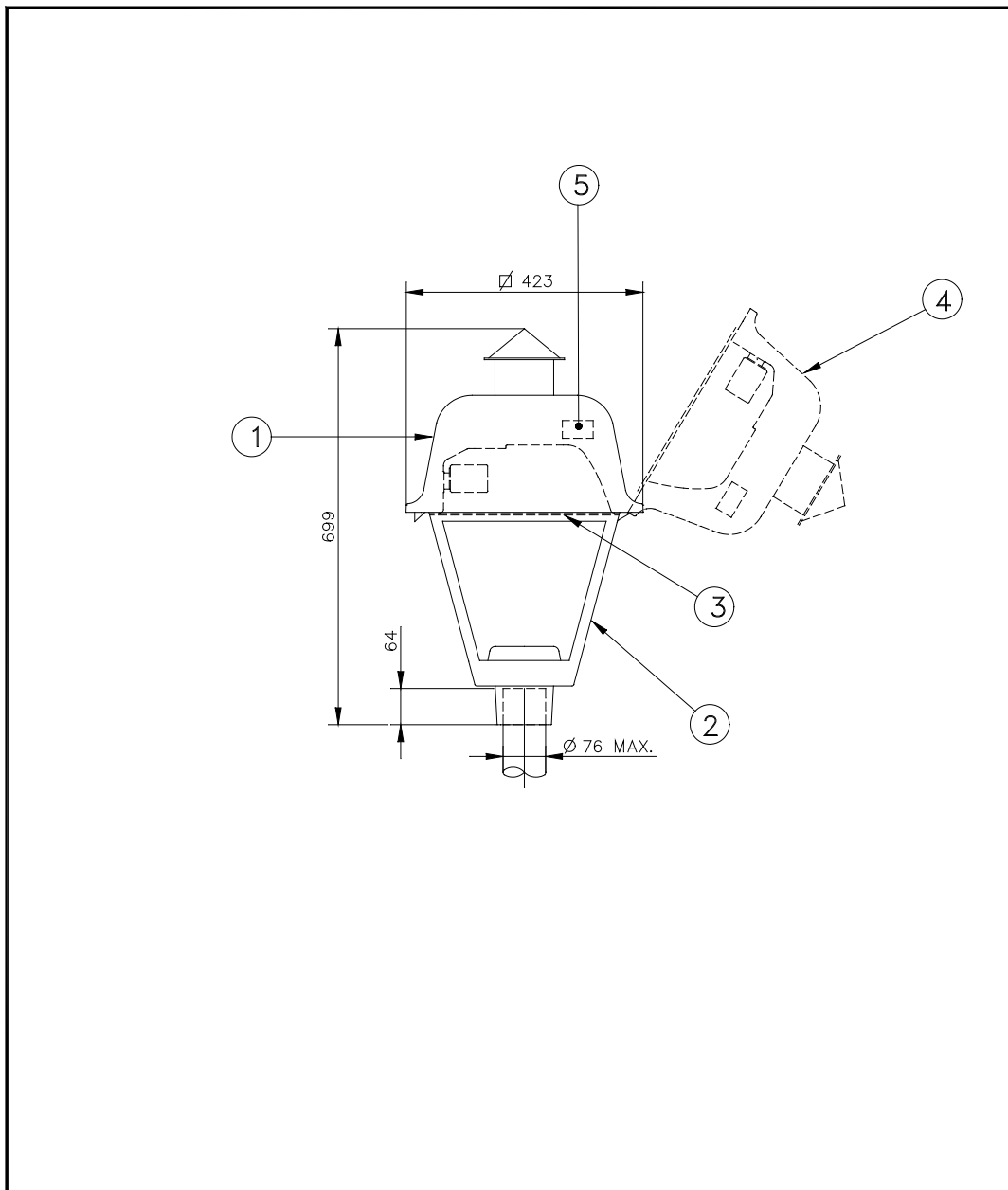
The luminaire shall comprise a lower body and a canopy or top dome, both in die-cast aluminium, with polyester powder paint finish, electrostatically sprayed and oven cured at 180°C., in black colour RAL 9011. The canopy shall be hinged in one side and shall be closed in the opposite side through one stainless steel latch. In its lower part, a tempered glass lens is mounted; it shall be mechanical and thermal shock resistant. The luminaire hermeticity is achieved through one ethylene – propylene gasket (EPDM).

In the lower body shall exist a mutable adaptor to sleeve of 76mm diameter, with three fixing screws and corrosion-resistant.

- **OPTICAL ASSEMBLY**

The optical assembly shall comprise the tempered glass lens previously described and an integral reflector to provide street-type asymmetric distribution. The reflector shall be of one-piece high-purity aluminium and hydroformed. The reflector finishing shall be made by means of the process called ALGLAS, i.e., a thin unbreakable glass film covering (silica almost pure) using chemical processes, which provides high-protection to corrosion, durability and easy maintenance and cleaning.

Reinforced porcelain lampholder.



5	EQUIPO ELECTRICO																								
4	REFLECTOR	ALUMINIO ACABADO ALGLAS																							
3	CIERRE	VIDRIO TEMPLADO PLANO																							
2	CUERPO INFERIOR	FUNDICION INYECTADA DE ALUMINIO																							
1	CUERPO SUPERIOR ABATIBLE	FUNDICION INYECTADA DE ALUMINIO																							
POSICION	DESCRIPCION	MATERIAL																							
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