Wall luminaire  
Technical Description

FA100-W A-series

* + Housing made from aluminum. Finish: polyester powder coating, silver-gray (RAL 9007/DB 702), other colors upon request.
  + Housing made from extruded aluminum profile 200 mm x 80 mm, wall thickness 4 mm. The length of the luminaire is 100 mm. Closure in the lower part of the luminaire by the lighting surface made of safety glass (ESG). In the optically inactive part, the glass cover is printed with a black ceramic finish. Safety glass is 4 mm, with 93% light transmission. IK08.The glass cover is held in place by means of 2 screws against the support element, which holds the LED lighting unit by means of a surrounding silicone gasket. In so doing, a protection rating of IP66 is achieved. The support element is equipped with a cooling profile, which holds one LED lighting unit. If mounted horizontally the emission of light above gamma 90° is impossible (no light emission).
  + Wall connection: by means of wall flange which is secured in advance to the wall (the fittings, dowels, or similar hardware corresponding to the wall situation are to be defined by the assembling company). The luminaire is hung on the wall flange and held in place with 2 screws.

LED lighting unit:

* LED board in metal core (1.6 mm thick).  
  Fitted with 8 LEDs (singlechip).  
  Color temperature: cool white (5,700 K) CRI ≥70, neutral white (4,000 K) CRI ≥70, warm white (3,000 K) CRI ≥80, warm white (2,700 K) CRI ≥70, warm white (2,200 K) CRI ≥70.
* 1 Lens block with 8 lenses made from highly-transparent Plexiglas (PMMA), secured on the aluminium support plate

by means of 4 M 2.5 mm screws. A black cover conceals the screws.

* Different emission characteristics for street, path, and area lighting. AH02, AP06, AP07, AS06, AS07, AS08 (also available in the satinè version).
  + Driver unit built inside the luminaire has various interface options such as DALI, 1/10V or stand-alone. 200 mA up to max. 550 mA.
  + Fused between 8 – 10 kV on the primary side depending on the configuration.
  + Luminaire protection class I or II.
  + The housing has a protection rating of IP 66.
  + Degree of shock resistance IK08.
  + No emitting above gamma 90° (no light emission).
  + All fittings are made of AISI 316 stainless steel (1.4401).
  + Luminaire is shipped prewired and cabled (length of the cable to be defined).
  + The seals are made of silicone.
  + Surface finish: polyester powder-coating in the following process: alkaline degreasing, chemical stripping and chromating, each treatment followed by a double rinsing with demineralized water, subsequent drying and coating with polyester powder (30 minute annealing at 180° C – 200° C). Average layer thickness is 80µ.
  + Weight: 4.5 kg.
  + Lateral windage area: 0.02 m².
  + Upper windage area: 0.02 m².
  + The luminaire is in compliance with regulation EN 60598-1:2015 + A1:2018.
  + The manufacturer has been certified in compliance with EN ISO 9001:2015 e EN ISO 14001:2015.