

Last information update: May 2018

**Square optic assembly 180x180mm – AL optic – Warm White LED – 220÷240Vac - Permanent Emergency****Product code**

EI53

**Technical description**

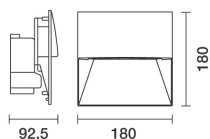
Luminaire for walkways designed to use high visual comfort LED lamps. Wall-recessed installation. It consists of an optical assembly with an IP66 protection rating and an outer casing or wall-mounted base to be ordered separately. The optical assembly is made of aluminium alloy treated with powder paint, which provides a high level of resistance to weather and UV rays. Plastic closure guard at the rear of the optical assembly. Complete with plastic cable gland and outlet cable. Sodium-calcium tempered satin finish safety glass. Luminaire with no visible screws and an anti-vandal system that uses an opening key to access the rear wiring compartment (supplied in the package). All external screws used are made of A2 stainless steel.

**Installation**

Black plastic outer casing. Disposable polystyrene formwork for creating the outer casing housings for installations in concrete walls that are then plastered or finished with bricks so the end surface is flush with the optical assembly.

**Dimension (mm)**

92.5x180x180

**Colour**

White (01) | Grey (15) | Rust Brown (F5)

**Mounting**

wall arm|wall recessed|wall surface

**Wiring**

Version with 220÷240Vac Emergency integrated ballast.

Complies with EN60598-1 and pertinent regulations

**Product configuration: EI53.01****Product characteristics**

Total lighting output [Lm]: 636  
Total power [W]: 11.5  
Luminous efficacy [Lm/W]: 55.3  
Life Time: 100,000h - L90 - B10 (Ta 25°C)  
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 88  
Emergency luminous flux [Lm]: /  
Voltage [V]: 230  
Ambient temperature range: from -20°C to +35°C. (\*)

\* Preliminary data

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 41  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 9.9  
Nominal luminous [Lm]: 1550  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 1.6  
Colour temperature [K]: 3000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 3

Polar

