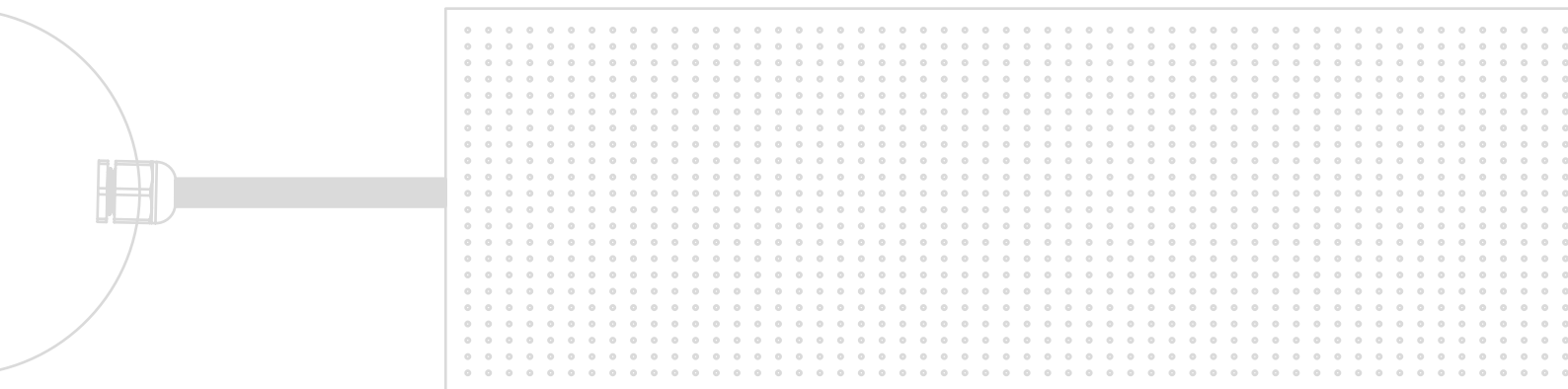


SR-CROSSFIBER

OPTICAL FIBER CONCRETE PAVEMENT
YOUR SAFETY EYES



SR-CROSSFIBER



OPTICAL FIBER CONCRETE PAVEMENT FOR CROSSWALKS

SR-CROSSFIBER it's a pixelized and interactive precast concrete pavement that uses optical fiber to increase the visibility of the crosswalk for the drivers.

It conciliates the safety and easy maintenance of optical fiber with the higher durability, safety and easy maintenance of the concrete.

Can be used in crosswalks, roads, highways, airports, railways, for outdoor and indoor pavement pixelization for safety lighting or advertising solutions.

SR-CROSSFIBER is available in several colors.

PRECAST CONCRETE PAVEMENT TECHNICAL FEATURES

Dimensions (cm): 50x50x6 | 50x50x10*

Weigh (Kg/unit): 36 (144Kg/m²) | 60 (240Kg/m²)

Technical requirements:

Water Absorption: 2.B

Wear Resistance: 1.F

Diagonal: 3.L

Dimensions: 3.R

Flexural resistance: 3.U

Fire resistance: A1

*Other dimensions available under request

APPLICATION RECOMMENDATIONS

- The sizing of the thickness of the pixelized concrete elements is done according to the circulating loads. Recommending thickness of 6cm for exclusively pedestrian traffic and 10cm for light automobile traffic. For other more demanding traffics, must be dimensioned according to the circulating loads.

- The base must consist of a layer of lean concrete with the dimensions according the action loads, based on a gravel box or if it's not possible, a crushed aggregate, of extensive granulometry, at least with 20cm.

- The joints between the pixelized concrete elements must be filled with a mixture of cement and sand.

OPTICAL FIBER ILLUMINATOR TECHNICAL FEATURES

- 3W high power LED

- Optical fiber input with a diameter of 30 mm

- Robust housing suitable for road applications

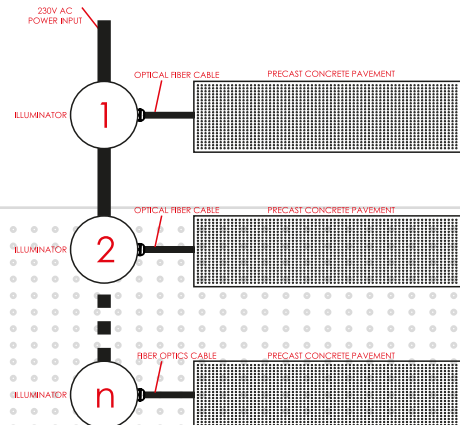
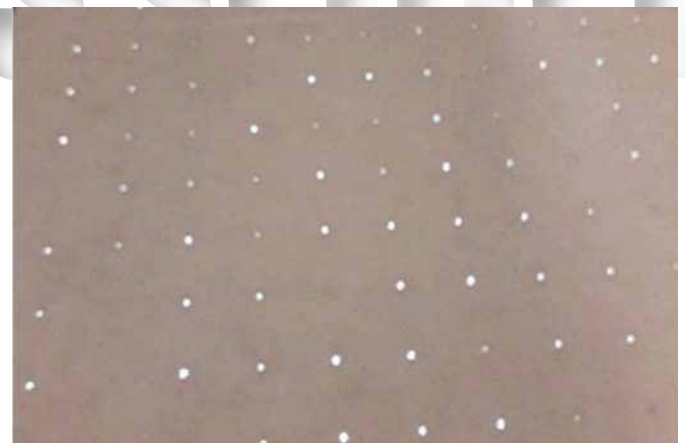
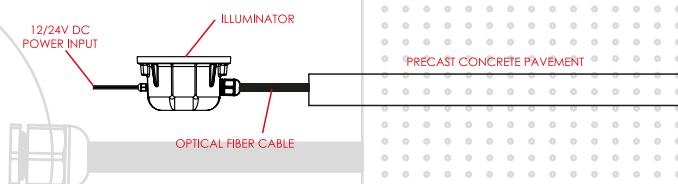
Power Supply: 12V DC | 24V DC

Current Consumption: 300mA | 160mA

Working Temperature: -25° to +85°C

IP Index: IP68

INSTALLATION ARCHITECTURE



Quinta do Carreiro, Lote 9/14 - Frossos
4700-154 Braga - Portugal
TEL: +351 253 300 440 | FAX: +351 253 300 449
E-MAIL: sernis@sernis.com | SITE: www.sernis.com



10/05/2019
Rev.0150.0