TRQ

Talleres Radioeléctricos Querol, S.L.

Self Contained Emergency Luminary
SERIE MIRA

CE IP223 F

Characteristics:

Supply 230 V 50/60Hz
Non Maintained.
Stand by and re-start via Telemando.
Test by verification test button incorporated within the luminary.
Yellow Led indicating, the Battery charging.
Autonomy more than 1 hour.
Grade IP22.
Simple installation via pre-installation plate.
Overload and end of battery discharge protection.
Class II Luminaries should be installed in a way that no metal piece exposed is in electrical contact with any part of the electrical installation connected to GROUND.
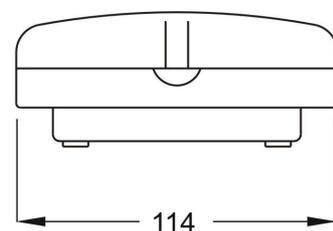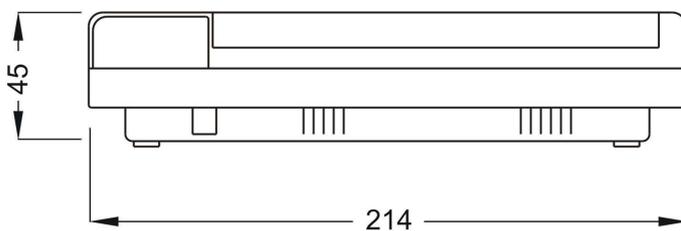
Norms Applied:

CE as per directives 79/23 of LVD and 89/336 of EMC
Manufactured according to norms UNE-EN 60598-2-22,UNE 20-392-93 and in compliance with the norms EN-55015 and EN 50082-1 of electromagnetic compatibility.
Adapted to the Instructions of Low tension Electro technical Norm RBT and NBE CPI 96 of the Basic norm of Edification

Technical Drawing:

45

214

114

Models Available:

Model	Emergency Lamp E	Indicating lamp S	Battery Ni-Cd	Autonomy	φ Lumen
EF S-60	4W (G5)	Led Amber ∅10	2,4V 1,5Ah	1 hour	60
EF S-80	4W (G5)	Led Amber ∅10	3,6V 1,5Ah	1 hour	87
EF S-130	PL-7W (2G7)	Led Amber ∅10	2,4V 1,5Ah	1 hour	117
EF S-170	PL-7W (2G7)	Led Amber ∅10	3,6V 1,5Ah	1 hour	174

Installation:
Connect the luminary to the Main Supply.
Check that the Yellow Led indicating the charging process is lit.
The Batteries are supplied discharged and they need 24 hours to be charged completely, so the luminary will not respond to its autonomy until 24 hours..

Maintenance:
The Batteries should be changed once their duration gets inferior to the assigned.
The Luminaries should be checked at least once a year.
The batteries and tubes should be re-cycled or eliminated in an adequate way.

Verification TEST:

Verification test can be done by pressing the TEST button incorporated within the luminary.

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STAND BY POSITION:

Connect the TELEMANDO TM as indicate din the Diagram of connection
   a) En Emergency mode it is possible to Switch OFFF the luminary to save the battery power by pressing OFF.
   b) By pressing ON the luminary starts working again.
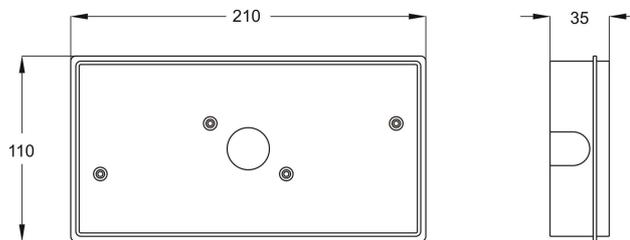
Accessories available:

ST-21
Clips ST-21 (to recess the Light in the ceiling).

ST-22
Flush mounting box.

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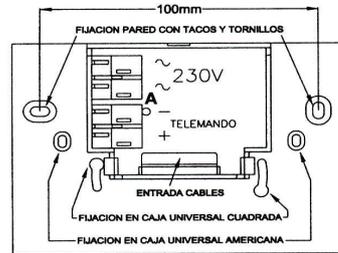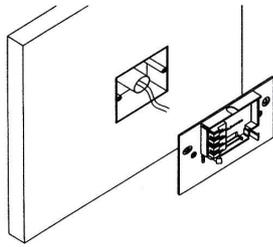
ST-23
Decorative frame

ST-24
 IP65 box.

Installation

Remove the Pre installing plate from the Light and fix it on the wall, ceiling etc. The pre-installing plate can be installed in the wall, squared universal box and American universal box.
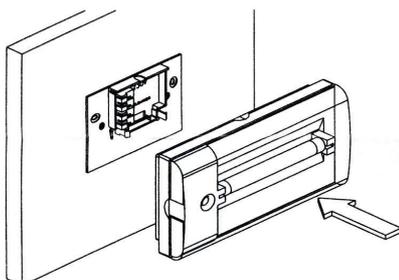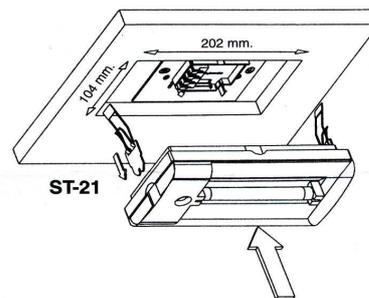

Connection

The connection is made without screws, with the fast connection system. It is indicated on the connecter where to connect the main line (230V) and the Telemando. To emit errors, the connecter of telemando comes with a protection. So to connect the Telemando first you have to cut the cylindrical plastic that blocks the connection of the cable (A pre installation plate) and take into account the polarity.

Mounting of the Emergency Light

Wall Mounting   **Ceiling Mounting**
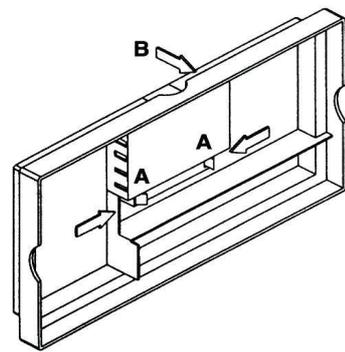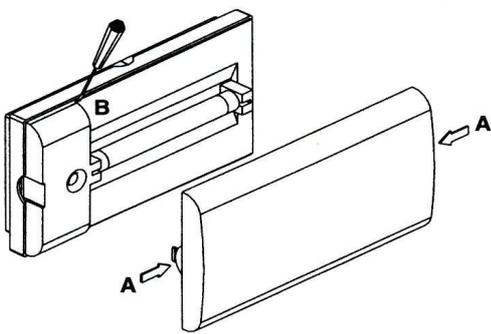

Wall mounting

Centre the light over the pre installing plate and press as indicated by the arrow in the figure above.

Ceiling mounting

Make a whole in the false ceiling as per the Dimensions indicated
Attach the accessory ST-21 in their respective holes on the back of the luminary
Make connections of the cables in the pre installing plate and connect the pre installing plate to the Luminary.
Fix the Luminary in the hole of the false ceiling.

Dismounting:

Remove the crystal cover by pressing in one of the two sides as indicated (A)
Take out the reflector with the help of a screwdriver (B).
Press at a time the points A in the direction indicated.
Pull the upper part of the base as indicated by arrow B, till disconnecting the plate.

Connection Diagram: