EMERGENCY

REX 3.5W Maintained Slim Exit Box c/w Up, Down, Left, Right Legends, Manual and Self-Test Versions

This exit box is specifically designed for an LED light source, rather than a traditional bulky exit box adapted for LED, resulting in this attractive and slim emergency fitting. It has a long rated LED life and uses the latest energy efficient LED's to contribute to substantial energy savings which reduces the carbon footprint of our buildings. The fitting is available in Manual-Test and Self-Test versions

Applications:

- Offices
- Public buildings
- Hotels, bars and clubs, restaurants
- Schools
- Health centres, hospitals
- Retail premises

Construction:

White Polycarbonate Housing

Polycarbonate Diffuser

FR4 composite aluminium PCB

Features and Benefits:

- The Rex is available in Manual-Test, or a Self-Test version which enables testing to be carried out automatically
- The Self-Test version has:
  A manual test button on the side of the fitting which will initiate a functional emergency test outside the scheduled automated tests

  LiFePo4 batteries which provide up to 2000 charge cycles compared to NiCd 500. They also contain no cadmium so are environmentally friendly and use 60% less energy once charged
- The battery pack plugs on to the PCB which means it can be quickly unplugged from the main board for future replacement
- A set of status LED's indicate charging and test failure mode of the battery or LED illumination after test so that rectification can be implemented
- This emergency exit box has a slim projection from the surface which means it won't get knocked or damaged easily and looks neat and attractive
- It utilises high quality LM80 and TM21 tested LED's to provide high lumen output and a long LED rated life
- High quality driver design ensures that the whole package provides a long service life
- The fitting comes complete with a running man into door with Up, Down, Left and Right arrow legends included which provides a complete signage solution "out of the box"
- The legend is held in place in the front part of the fitting by small tabs which are easily opened to provide fast change of legend type if required
- Having a legend height of 165mm allows the sign to be seen from up to 33m to aid exit route identification
- For installation and electrical connection, the body needs to be split into front and base components. This is quickly and easily achieved by removing two securing screws on the bottom of the base
- The front component of the body houses the legend and LED's which has a plug connection to the main board for fast disconnection so the base can be installed
- The base has 2 moulded entry points to allow wiring from the rear and a rubber grommet to reduce ingress of dust
- It also has a recessed horizontal moulded channel the whole width of the fitting and a vertical channel from the top to allow the fitting to fit flush against a wall if cable entry is by surface wiring from the top or sides
- It is a double insulated class 2 fitting which means there is no requirement to have an earth
- Termination is facilitated by spring terminals which ensures there is always constant spring pressure on conductors, reducing the risk of bad connections causing hot spots and potential failure
- Having 2 ports per terminal allows for loop in, loop out to other emergency fittings on the circuit
- The fitting is pre-wired with a link between switched and permanent live terminals which provides maintained operation when connected and switched live or non-maintained operation when removed
- Two keyhole shaped mounting points are available for fast and simple mounting with further screw points to stop the fitting being lifted off its mounting screws
- The base also has an array of LED's which provide illumination below the fitting for additional vision of the local area

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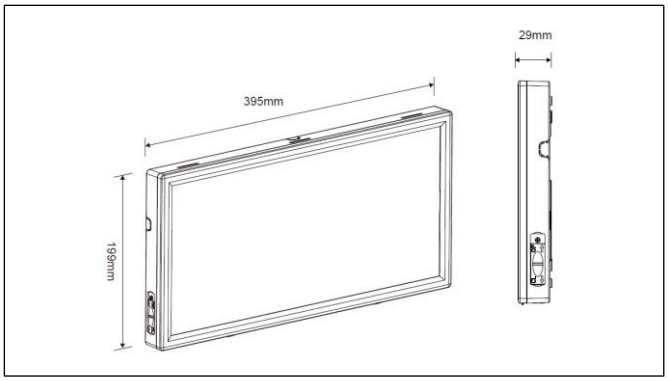
Product Code:	REX4P0-01 (manual)	REX4P0LST-01 (self-test)
Comparable to:	8W T8	8W T8
Total Power (W):	3.6	3.1
Total Light Output (lm):	25	35
Emergency Mode Light Output (lm):	40	70
Illuminance at 1m (lux):	8	9
Emergency Mode illuminance at 1m (lx):	15	16
Beam Angle (deg):	100/200	100/200
CCT (K):	6,500	6,500
CRI (Ra):	80	80
Ingress Protection (IP):	20	20
Impact Rating (IK):	08	08
Rated Life (hrs):	50,000	50,000
Warranty (yrs):	5 (2 for battery)	5 (3 for battery)
Operating Temperature (°C):	0 ≤ Ta ≤ +40	0 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240
Power Factor (PF):	0.5	0.5
Height (mm):	199	199
Length (mm):	395	395
Depth (mm):	29	29
Box Qty:	1	1
Weight (kg):	0.83	0.89



Standards & Approvals:

Complies with: EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 60598-1, EN 60598-2-22, EN 62031, EN 62471, EN 62493

Cone Illuminance Diagram:

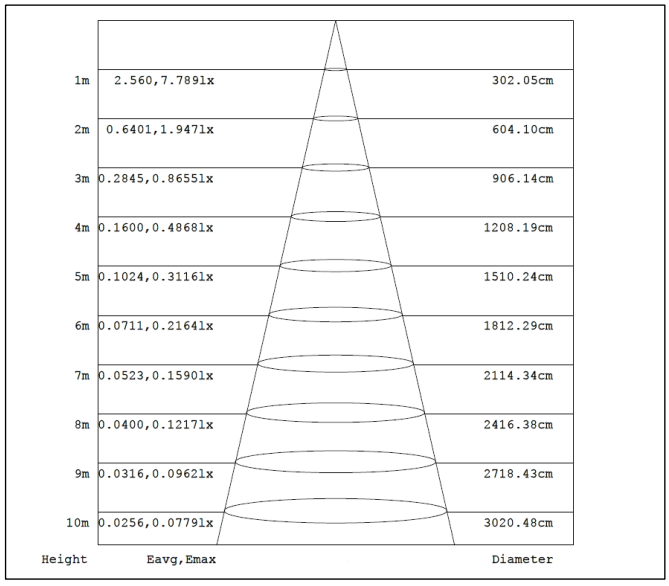


Diagram for REX4P0-01 in 6,500K

Polar Intensity Diagram:

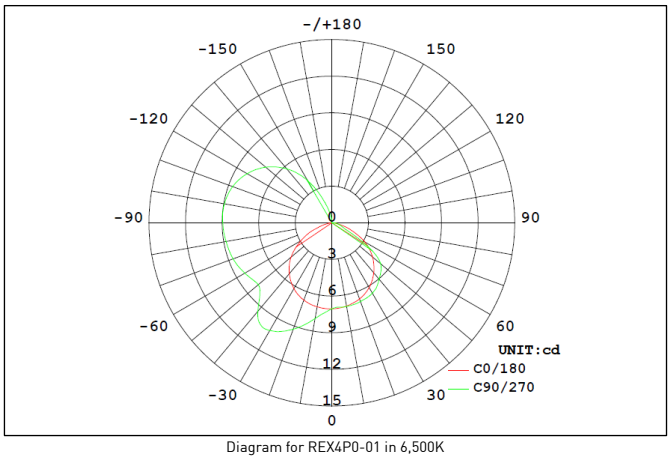


Diagram for REX4P0-01 in 6,500K