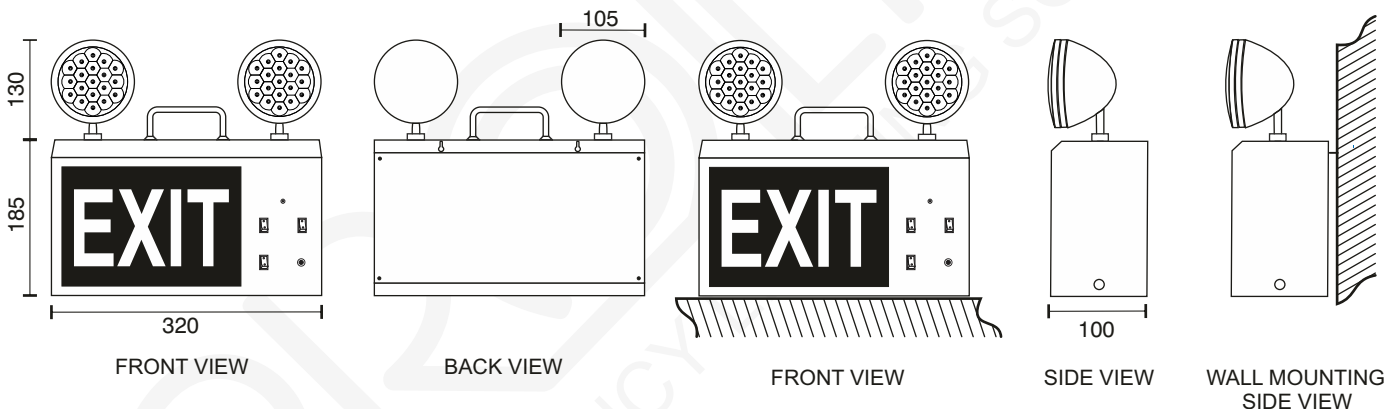


PEL LED LML



GA Diagram:

Dimensions (in mm)



Application:

Consist of two unit of LED lamps, Which automatically switches – **ON**, on mains power failure & provides illumination on battery source for specified duration, after which the battery gets automatically cut-off, to facilitate quick recharge on the resumption of mains supply. Once the battery is fully charged, it automatically slides into trickle charge to constantly retain the charge and be ready for immediate use. **LED 2X3W Non-Maintained, EXIT Maintained**

Tolerance on overall dimensions is ± 5 mm unless otherwise specified. | Please Note: Other Input Voltage Is Also Available – Price On Request (POR). | Due to continuous development, specifications may change without prior notice.

TECHNICAL SPECIFICATIONS

HOUSING	22 MS C.R.C.A FABRICATED
LED HOUSING & DIFFUSER	PLASTIC MOLDED ENCLOSURE FOR LED LAMP & CLEAR MOLDED ABS / POLYCARBONATE.
COLOR OF THE HOUSING REFLECTOR	EPOXY POLYESTER POWDER COATING, WHITE IN COLOUR.
SUPPLY VOLTAGE	230 VAC $\pm 10\%$, 50Hz $\pm 10\%$.
SUPPLY CURRENT (MAX)	40 mA (MAX)
POWER FACTOR	0.8
IP RATING	IP - 20
AMBIENT TEMPERATURE	25 °C - 60 °C
AUTOMATIC SWITCHING	RELAY
PTI	< 600V
R _a	> 40
CHANGE OF DEVICE	PUSH BUTTON SWITCH OF POLYAMIDE MATERIAL

LED

LED MAKE	EDISON.
TOTAL NUMBER OF LEDS	58
NUMBER OF LEDS IN LED LAMP	2X19=38
NUMBER OF LEDS IN EXIT	20

INDICATIONS

MAINS ON	RED LED 'ON'
----------	--------------

CIRCUIT POWER

OVERALL WATTAGE	6W
ON MAINS (BATTERY)	5W (CHARGING COMSUMPTION)
ON BATTERY (LED)	4W

TECHNICAL SPECIFICATIONS

PROTECTIONS

PROTECTION CLASS	CLASS II
LOW BATTERY CUT-OFF	2.4±0.1V
OVER CHARGE CUT-OFF	4.2±0.1V

BATTERY

CHARGING METHOD	CONSTANT VOLTAGE
BACK-UP DURATION	3 HOURS (180 MINUTES)
RECHARGING PERIOD	10-18 HOURS
BATTERY TYPE	3.7V LI-ION
BATTERY CAPACITY	2200 MAH

TEST

IR TEST (BETWEEN LIVE PART AND MOUNTING SURFACE)	> 10GΩ
---	--------

REVERSE POLARITY TEST	PROTECTED AGAINST POLARITY REVERSAL
-----------------------	-------------------------------------

NOTE: IT IS NECESSARY TO REPLACE THE BATTERY ONCE THE DESIRED BACK -UP OF 180 MINUTES IS NOT OBTAINED. THE BATTERY REPLACEMENT SHALL BE PERFORMED BY PROLITE AUTOGLO LIMITED AUTHORIZED PERSONNEL ONLY. IN CASE OF DAMAGED LED (LIGHT SOURCE) THE PCB CARD HAS TO BE REPLACED AND THIS SHALL BE PERFORMED BY AUTHORIZED PROLITE AUTOGLO LIMITED PERSONNEL ONLY.