TECHNICAL SPECIFICATIONS
EMERGENCY LIGHTING AND ROUTING ARMATURE
AEC

Large spaces such as workshops, warehouses, factories, warehouses, archives, parking lots, foundries, cafeterias, etc. and large spaces for people are also to be used. When there is power, the battery pack will be charged by the automatic charging circuit. If the power is interrupted for any reason (such as fire, sabotage, earthquake, malfunction), it will automatically switch on to provide the continuity of lighting for the lamps to which it is connected. When the electricity comes back up again, it will go out of charge and go to charging position.

Body: Oven painted 1mm DKP sheet will be. It will be painted with two layers of anticorrosion paint and high quality paint against corrosion.Both lamps located on the armature will be directable.

a.) Both lamps on the luminaire will have separate on / off buttons on the luminaire.
b.) Test button will be on the armature. When the test button is pressed, the mains voltage will be cut off and the lamps will be turned on to test the unit.
c.)On the armature there will be a green 4-level indicator which indicates the battery fullness status. There will also be a green LED that indicates the mains voltage / charge for the lamp failure.

Operating Voltage: It will operate between 220V AC and 230V AC.
Main suply current: 0.075A
Main suply power: 17VA
Operation temperature: 75°C
Light Output Flow 2x300lm;2x850lm
Bulb Double spot with 20W or 50W halogen bulb
Lamp: The lighting lamps are metal and each direction will be moving. The front glass will be heat resistant.
Test: The test button will simulate the emergency. This test button will be a membrane switch feature combined with the charge led indicator and the network control led indicator.
Strength in case of emergency: 3 hours
Battery: 12V leakproof type, recyclable environmentally friendly approved battery will be used for all parts that do not require maintenance.
Inverter: The charging circuit will be automatic full wave bridge type rectifier. The current will turn off before the charge is completely discharged and min. Inverter circuit to charge in 20 hours.
Protection: Mains input fuse will be found. Open circuit, short circuit and power supply protection; electronic circuit for low voltage, over-temperature, over-charge and discharge protection for battery.
Protection class: IP40
Electrical Class: I
Weight: Approximately 10000gr.
Accessory: It will be aesthetic appearance on the wall to be installed easily.
Compensation: IND.
Standard: will provide the following basic standards

BASIC STANDARDS
All lighting fixtures, electronic control schemes, emergency lighting symbols, emergency lighting center systems, the latest relevant standards of the following relevant standards, published manufactured according to the most up-to-date annexes of these standards, shall comply with and have relevant standards.

1 EMERGENCY LIGHTING ARMATURES

a) EN, IEC 60598–2–22

Lighting Fixtures - Part 2-22: Lighting Fixtures for Emergency Lighting:
This standard covers features related to emergency lighting fixtures used with electric light sources in emergency power supply with supply voltage not exceeding 1000 V.

b) EN, IEC 61951-3

Seconder cells and batteries - Including alkaline or other non-acid electrolytes - Portable, leakproof, refillable, single cell - Part 2: Lead Acid

This standard covers marking, design, dimensions, tests and specifications for portable, sealed lead acid, refillable multi-cell platters for use in any orientation

2 ELECTRONIC CONTROLLERS FOR EMERGENCY LIGHTING ARMATURES (ELECTRONIC TRANSFORMERS)

a) EN, IEC 61347-1
Lamp control scheme - Part 1: General and safety features:
This Standard, d.a. up to 250 V. and / or a.a. up to 1000 V at 50 Hz or 60 Hz. This includes general and safety features for the lamp control scheme used with supply sources.

b) EN, IEC 61347-2-2
Lamp control scheme - Chapter 2-2: D.A. or a.a. feeder electronic down converter - Specific features:
This standard is IEC tungsten specified in 60357-halogen lamps and with other filament lamps between any conductor and ground or uneven between the conductors 50 V or 50 V active output a different frequency from the supply frequency statement voltage and
up to 250 Volt or the feed of 50 Hz or 60 Hz up to 1000 volts with a supply of feed used electronic-down converter includes certain security features.

c) EN, IEC 61347-2-7
Lamp control unit - Part 2-7: D.A. supply electronic ballasts - Specific features:
This Standard is intended for use by d.a. It covers certain safety features related to supply electronic ballasts.