

ITR832-AA3 - Emergency Lighting Luminaire with 180°

Adjustable LED Headlamp



Device	ITR832-AA3
Power Supply	230 VAC 50/60 Hz
Rated Duration	3 h
Battery Type	12V Lead-Acid
Headlamp Type	9W LED
Type of Protection	IP 65
Insulation Class	II
Temperature Range	Operation (-5°C...40°C) Storage (-15°C...55°C)
Maximum Air Humidity	< 90 RH
Material	ABS
Colour	White
Flammability	Non-flammable product
Dimensions	98x255x205 mm (WxHxD)



DESCRIPTION

Interra ITR832-AA3 is an emergency lighting luminaire with 180° adjustable LED headlamp and 3 hours duration usage in case of emergency. It offers an effective solution thanks to its long-lasting use (approximately 30,000 hours) and SMD power LED application. In addition, ITR832-AA3 also has a status display with green and red LEDs, remote control and test features with DALI interface. However, it has overcharge and deep discharge protection and charging circuit with constant voltage and current protect. Moreover, it operates safely under harsh environments with emergency lighting functions in case of low voltage and by interruption of the unswitched phase. ITR832-AA3 emergency lighting luminaire with maintenance-free sealed lead acid battery and ABS case can be mounted on the wall.

General Features:

General features of the emergency exit luminaire is shown below. Device's operating mode is non-maintained so that only lights in case of the mains failure.

Rated Duration	Operating Mode	Light Source	Light Intensity on Energy / Emergency	Type of Mounting	Battery Charging Time
3h	Non Maintained	2 x 9W LED	- / 1500 lm	Surface Mounted	48 h

Mains Data:

Mains data information is shown in the table below. Mains current and rated power values are measured under 230 V mains. Maximum values are measured with discharged batteries and minimum values are measured with full-charged batteries.

Rated Power(W)	Mains Current	Power Factor	Dimensions (mm)	Weight (kg)	Carton Box Quantity
1,25 - 8,90	0,010 - 0,058	0,50 - 0,67	98x255x205	4,50	1

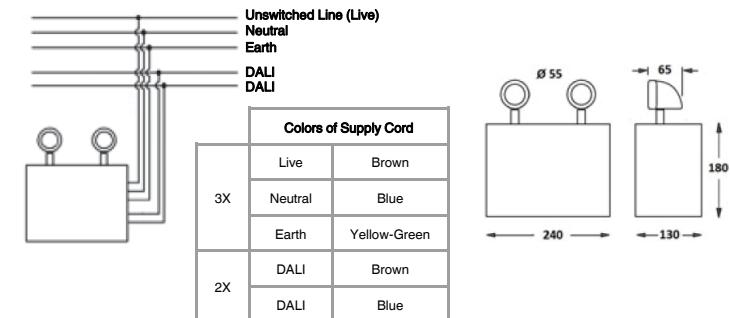
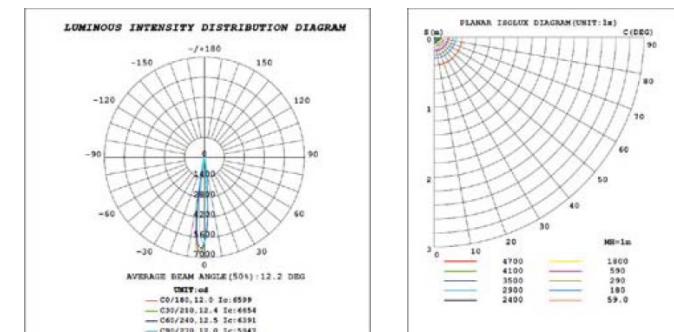
Test Switch Functions:

Short Press (<1s)	Starts the function test or terminate the all tests
Long Press (>5s)*	Starts the duration test.

(*): The battery must be 100% full before the duration test can be started.

LED Indication Functions:

Permanent GREEN	Charge Mode
Fast flashing GREEN (0.1s on—0.1s off)	Function test
Slow flashing GREEN (1s on - 1s off)	Duration test
Permanent RED	Load failure
Slow flashing RED (1s on - 1s off)	Battery failure
Fast flashing RED (0,1s on- 0,1s off)	Charging failure
Double pulsing GREEN	Inhibit mode
Binary transmission of address via GREEN/RED	Addressing or identification
GREEN and RED off	Emergency mode

Wiring Diagram & Technical Drawings:**Light Distribution Curve:**

Above curve is measured data just for one headlamp.