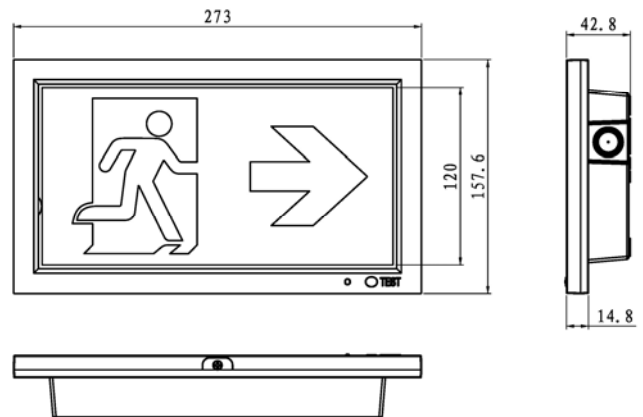


## Photo and Dimension



## Feature

- Compact and decorative design.
- LED self contained luminaire with manual test and AUTO test optional.
- Ni-cad and Ni-MH battery optional.
- Wall surface mounting and flush mounting.
- Replaceable pictogram design, including arrow right, left, down pictograms in package.
- High luminance model optional.
- Low operation cost via low power consumption.
- Maintained and non-maintained operation changeable.
- Material of luminaire compliant with the glow wire test at temperature of 850°C.
- RoHS compliance.

## Technical Specification

Rated Power Supply	220-240VAC 50/60Hz
Central battery system (CBS) version available	DC176-254V input , 220-240VAC
Power consumption	Max. 4.7W
Charge time	24 hours
Discharge duration	1hour/3hours
Changeover voltage	144-187VAC
Test facility	Manual test and AUTO test, DALI interface available
Viewing distance	24m(EU standard)
Operation	Maintained and Non-maintained
Mounting	Wall mounting and Flush mounting
LED	SMD 2835, CCT 6000K, CRI>70
Luminance of white area on pictogram	Normal luminance 200cd/m <sup>2</sup> high luminance 500cd/m <sup>2</sup>

Safe color of Pictogram	Pantone 336C or Pantone 348C optional
Degree of protection	IP20
Insulation Class	Class II
Housing material	ABS
Ambient temperature	0°C...+40°C
Certification	CE CB SAA

## Order Guide

Family	Emergency Duration	Test Function	Battery	Option
ESA12	1H : 1hour	<b>MT:</b> Manual test <b>AT:</b> AUTO test	<b>CD:</b> Ni-cad battery	<b>500CDX*:</b> 500cd/m <sup>2</sup>
	3H: 3hours	<b>DA:</b> DALI interface(3hour duration, MH battery only)	<b>MH:</b> Ni-Mh battery	<b>CBS*:</b> Central battery system

\***500CDX:** High luminance output option, 500cd/m<sup>2</sup> average on the white of pictogram.

\***CBS:** Suitable for central battery system, DC176-254V input.

## Model List and Electric Rating

Model Number	Input Voltage	Charge Duration	Discharge Duration	Battery	Power Consumption	LED
ESA12/1H/MT/CD	220-240VAC 50/60Hz	24H	1H	Ni-cad 3.6V 0.6Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/3H/MT/CD	220-240VAC 50/60Hz	24H	3H	Ni-cad 3.6V 0.9Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/1H/AT/CD	220-240VAC 50/60Hz	24H	1H	Ni-cad 3.6V 0.6Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/3H/AT/CD	220-240VAC 50/60Hz	24H	3H	Ni-cad 3.6V 0.9Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/1H/MT/MH	220-240VAC 50/60Hz	24H	1H	Ni-Mh 3.6V 0.6Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/3H/MT/MH	220-240VAC 50/60Hz	24H	3H	Ni-Mh 3.6V 0.9Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/1H/AT/MH	220-240VAC 50/60Hz	24H	1H	Ni-Mh 3.6V 0.6Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/3H/AT/MH	220-240VAC 50/60Hz	24H	3H	Ni-Mh 3.6V 0.9Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/3H/DA/MH	220-240VAC 50/60Hz	24H	3H	Ni-Mh 3.6V 2Ah	3.5W Max	SMD 2835 6000K, 14LED
ESA12/1H/MT/MH/500CDX	220-240VAC 50/60Hz	24H	1H	Ni-Mh 6V 0.6Ah	3.6W	SMD 2835 6000K, 28LED
ESA12/1H/AT/MH/500CDX	220-240VAC 50/60Hz	24H	1H	Ni-Mh 6V 0.6Ah	3.7W	SMD 2835 6000K, 28LED
ESA12/3H/MT/MH/500CDX	220-240VAC 50/60Hz	24H	3H	Ni-Mh 6V 1.1Ah	4.6W	SMD 2835 6000K, 28LED
ESA12/3H/AT/MH/500CDX	220-240VAC 50/60Hz	24H	1H	Ni-Mh 6V 0.6Ah	4.7W	SMD 2835 6000K, 28LED
ESA12/CBS	220-240VAC 50/60Hz DC176-254V	---	---	---	1.9W	SMD 2835 6000K, 28LED

## Pictogram Pack



Arrow right 1pc



Arrow left 1pc



Without Arrow 1pc

## Packaging

