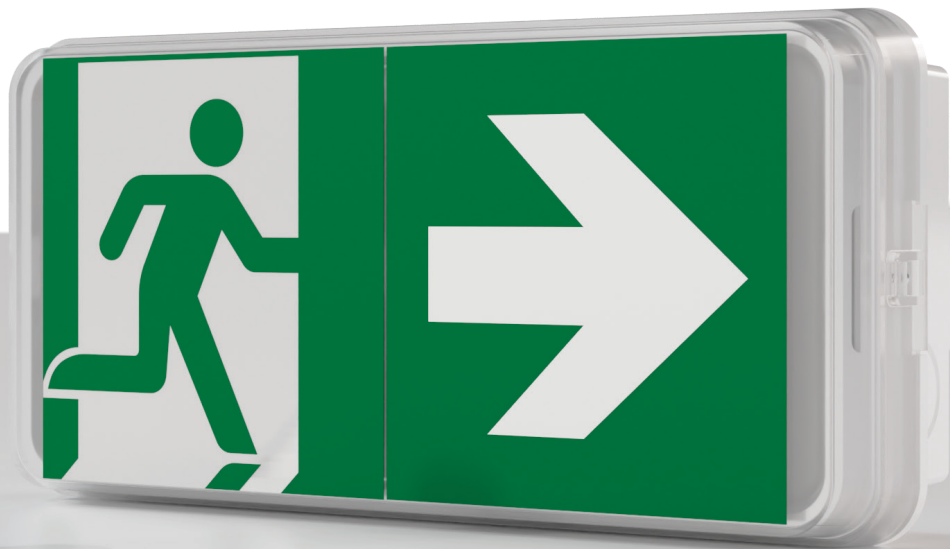


# PRIMEVO<sup>+</sup>

Plug and play into safety  
with simplicity



- Easy installation
- Robust
- Modular



**As a reference for emergency lighting, ABB supports professionals with reliable and innovative solutions designed to simplify each installation.**

**Praised for its reliability and simplicity, the PrimEvo range has become a standard in the European market. Today, it evolves to better meet the needs of installers.**

**With PrimEvo<sup>+</sup>, Plug and play into safety with simplicity**

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# PRIMEVO+

Plug into safety. Play into simplicity

## Why choose PrimEvo+ ?

Emergency lighting must be **reliable, simple, and economical**. Installers and operators seek efficient solutions that simplify their daily tasks while ensuring the compliancy of the building to regulation.



With the new PrimEvo+ range, the installation of emergency lighting becomes faster, more intuitive, and more effective. Its optimized new design and enhanced functionalities provide valuable time savings on-site, without compromising safety.

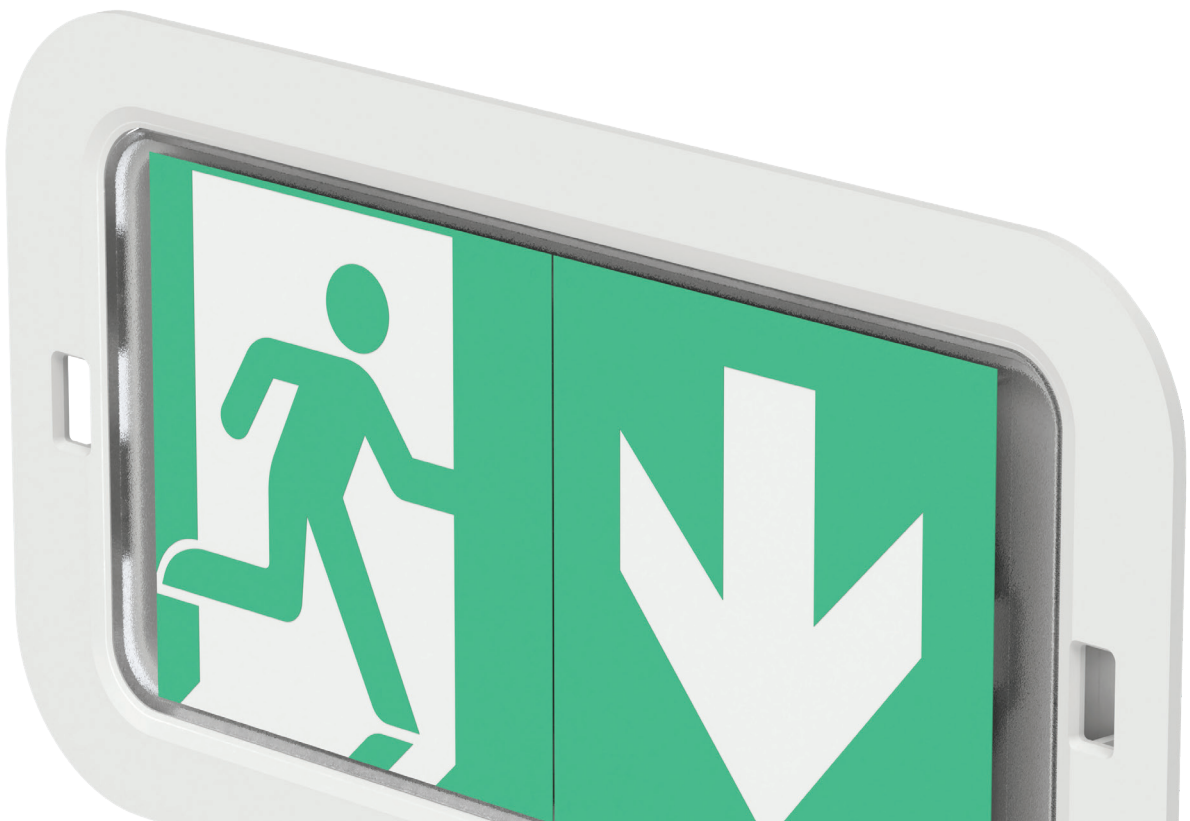
- + more choice
- + easier to install
- + easier to maintain



The new generation of PrimEvo+ adapts to all your needs with dedicated versions: 100lm and 380lm. Its **refined design, made from recycled materials**, perfectly integrates into all environments, its new **push-wire connector** makes installation easy, while remaining **retro-compatible** with older generations.

This new generation obviously incorporates the key criteria of its initial success:

- Quick and simplified installation
- Quality and Robustness (IK10)
- Modularity for every project



# PRIMEVO+

## Increase your efficiency on installations

New generation PrimEvo+ offers new versions: 100lm and 380lm, available in waterproof\* and non waterproof to cover all needs. Its refined design, more streamlined, adds a touch of modernity while remaining perfectly backward compatible with older generations (PrimEvo XT100ST).

Thanks to its new push-wire connector, the installation is even faster and more intuitive, while ensuring perfect continuity with your existing installations.

### + Design

- Made from 100% recycled materials
- Primevo+ is thinner, more compact while keeping spacing for cabling in order to make installation easier.
- Homogeneous lighting of the pictogram (in conformity with EN1838 and BS5266)
- Shock resistant, IK10 as a standard



### + Complete range

100lm and 380lm – delivered with pictograms, available in waterproof\* and non waterproof

\* Product designed for indoor applications

## + Modular

Can be installed on the wall or the ceiling,  
in recess or surface mounted\*

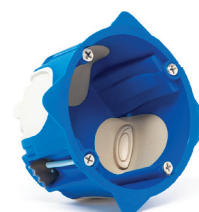
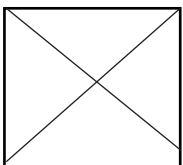
more details page 13



## + Easy and fast installation

- Push-wire connector
- Adapts to all configurations thanks to its 5 cable entries
- Pre-drilled centering hole to guide drilling
- Standard delivery includes a two-part sticker pictogram\*
- Installation possible on a flush-mounted box

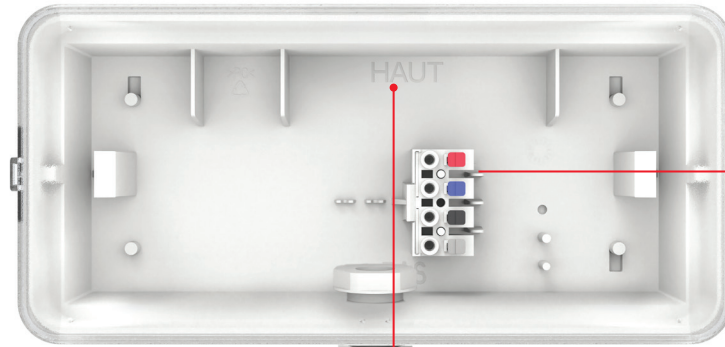
See PrimEvo<sup>+</sup> promotionnal video



\*Repositionable pictograms available as an option

# PrimEvo+ More informations

## IP65

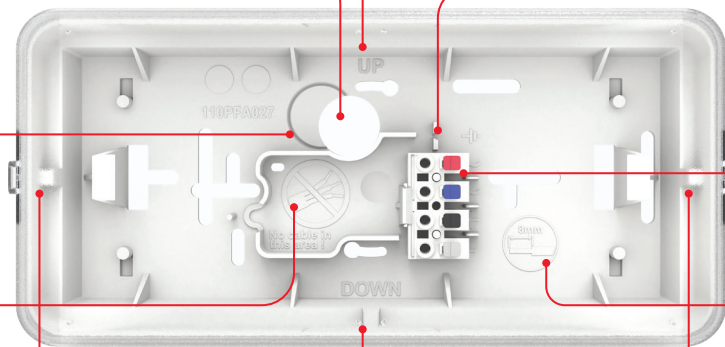


New push-wire connector

Orientation markers on the first-fix and reflector to guide the installation direction.

The offset cable entry makes it easier to mount on a flush-mounted box, allowing for a more discreet cable entry.

## IP42



Support to place the earth cable

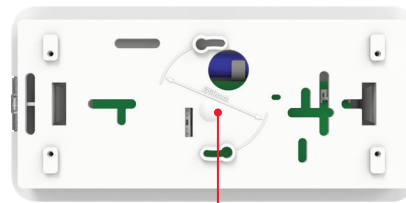
New push-wire connector. Cable entry markings are easier to read

Maximum cable stripping length (8mm)

A "pre-cut" is available to install the new first-fix in place of an existing installation.

This area should be left empty to protect the product's electronics. Excess cable can be routed around the edges of the area.

Orientation markers on the first-fix and reflector to guide the installation direction.



The center distance indications "Recessed box"



Centering pre-hole to guide the step drill bit and/or stepped drill bit for drilling until the correct diameter is reached.

# PRIMEVO+ : INNOVATION AT THE SERVICE OF ECO-DESIGN

## 01

### Extended lifespan

LiFePo4 batteries offer longer lifespan, up to 10 years, reducing replacements, waste, and do not contain toxic heavy metals. This choice fully aligns with our CSR commitment, combining performance, safety, and reduction of environmental footprint.



## 02

### EPD certification

The EPD sheets detail the environmental impact of each product over its entire life cycle: from manufacturing to end of life. By choosing PrimeEvo+, you are opting for a sustainable, high-performance, and transparent solution, thus contributing to the reduction of the ecological footprint of your installations.

The EPD sheet is coming soon



# THE IMPORTANCE OF THE EPD

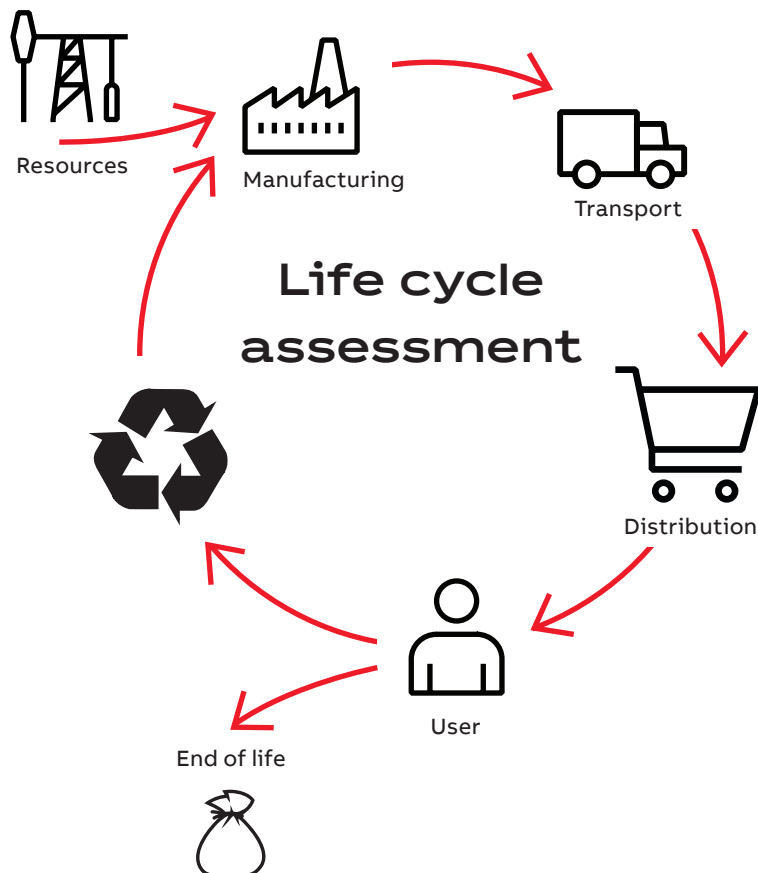
The **Environmental Product Declaration** measures the environmental performance of a product.

It's an environmental identity card that provides information, according to a standardized framework **certified by a third party**, on the environmental impact of equipment throughout its lifecycle.

Published voluntarily, it allows the measurement and comparison of the environmental impact of emergency lighting solutions on objective and transparent bases, through indicators such as: natural resource depletion, total energy consumption, contribution to greenhouse gas emissions and waste production (HWP).

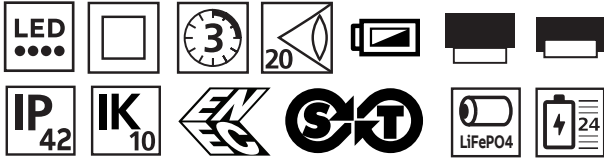
Thanks to EPD, prescribers and clients can now control the contribution of emergency lighting to the environmental quality of buildings. They can choose, with full knowledge, the solutions that meet the environmental priorities of their construction projects.

In its environmental approach, ABB makes all available EPD (Environmental Product Declaration) sheets of its ranges available on its website.



# PrimEvo<sup>+</sup>

## Self-contained



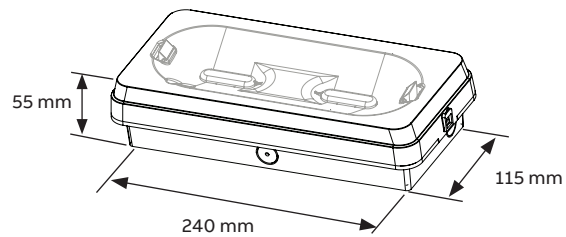
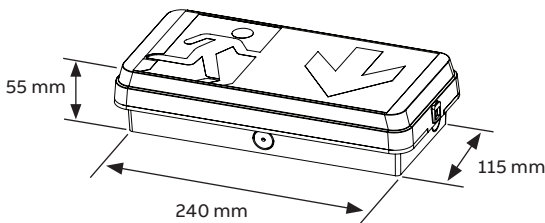
**Key benefits :**

- Made from recycled materials
- Easy to install
- Refined design
- Push-Wire Connector
- Installation on the wall or the ceiling, in recess or surface mounted
- Compatible with older generation (XT100ST)

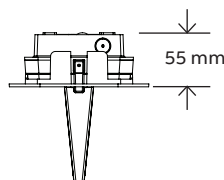
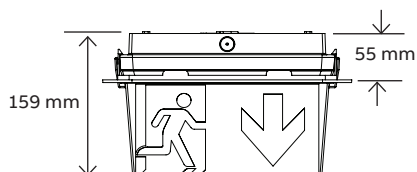


	100 ST	380 ST
Order code	6331032/50	6331034/50
GID Code	7TCA309015R0029	7TCA309015R0035
Description	XTE150-M3/ST 20M 100L	XTE150-M3/ST 20M 380L
Input voltage	220 - 240 Vac, 50/60 Hz	220 - 240 Vac, 50/60 Hz
Lamp type	8 LEDs	8 LEDs
Lamp output (lm)	100	380
Maintained/ Non maintained	M/NM	M/NM
Power consumption (W)	2,5	3
Operation duration (hrs)	3	3
Environnement temperature	0°C to 40°C	0°C to 40°C
Dimensions	240 x 115 x 55	240 x 115 x 55
Viewing distance	20m	20m
Life time of the LED	10 years	10 years
Life time of complete product	10 years	10 years
IP	IP42	IP42
IK	IK10	IK10
cd/m <sup>2</sup>	> 800	> 1100

**Dimensions**

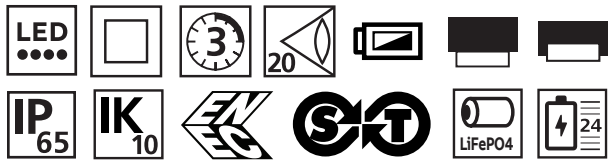


Accessory : Double sided - 663 432



# PrimEvo<sup>+</sup>

## Self-contained Waterproof

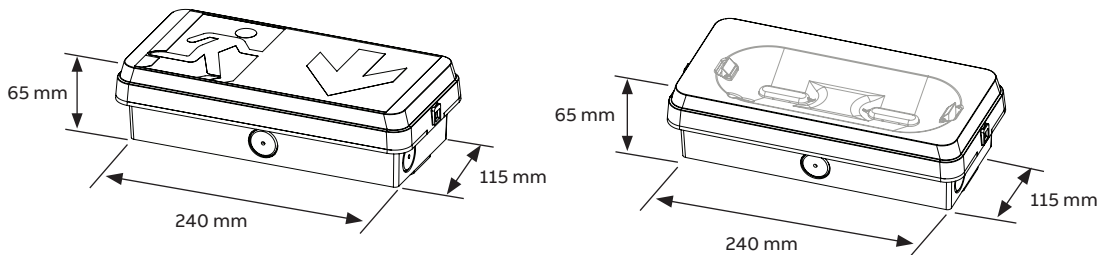


### Key benefits :

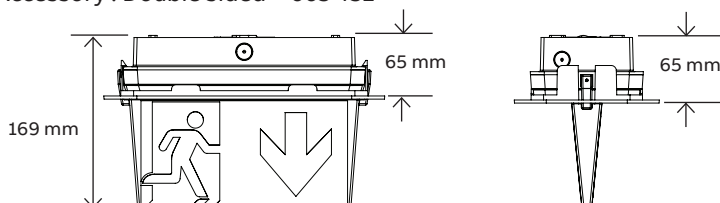
- Made from recycled materials
- Easy to install
- Push-wire connector
- Installation on the wall or the ceiling, in recess or surface mounted
- Compatible with older generation (XT100ST)

	100 ST	380 ST
Order code	6331033/50	6331035/50
GID Code	7TCA309015R0032	7TCA309015R0038
Description	XTE150-M3/ST 20M 100L IP65	XTE150-M3/ST 20M 380L IP65
Input voltage	220 - 240 Vac, 50/60 Hz	220 - 240 Vac, 50/60 Hz
Lamp type	8 LEDs	8 LEDs
Lamp output (lm)	100	380
Maintained/ Non maintained	M/NM	M/NM
Power consumption (W)	2,5	3
Operation duration (hrs)	3	3
Environnement temperature	0°C to 40°C	0°C to 40°C
Dimensions	240 x 115 x 65	240 x 115 x 65
Viewing distance	20m	20m
Life time of the LED	10 years	10 years
Life time of complete product	10 years	10 years
IP	IP65	IP65
IK	IK10	IK10
cd/m <sup>2</sup>	> 800	> 1100

### Dimensions

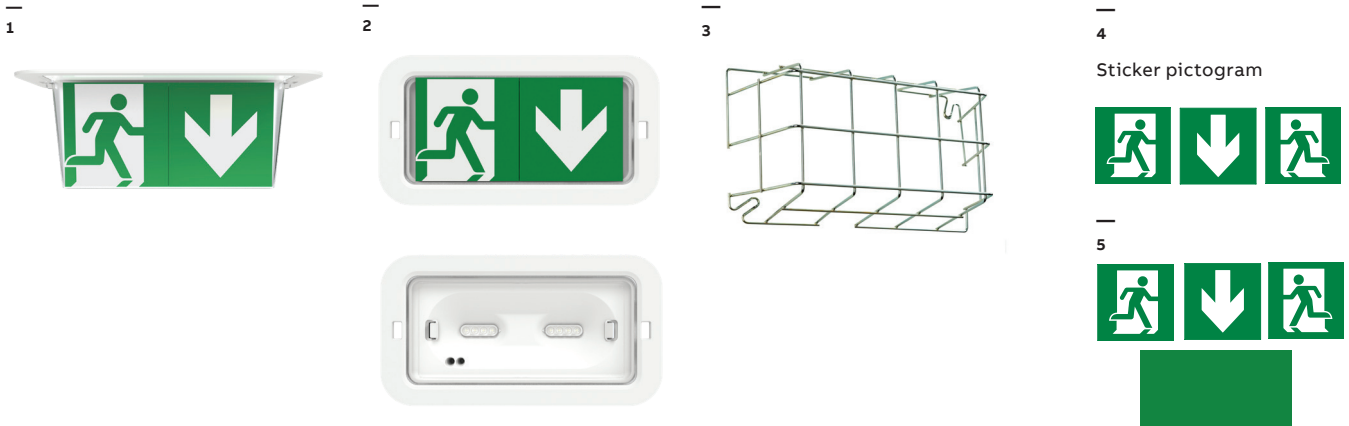


Accessory : Double sided - 663 432



# PrimEvo<sup>+</sup>

## Accessories



### Accessories

	Description	Order code	GID code
1	DS KIT 150	663 432	7TCA307025R0007
2	RK 150	642 302K	7TCA307025R0008
3	Protective grid cover	642 015	7TCA091360R0483
4	PF150/SET for Primevo+ (sticker Arrow and running man)	663 341	7TCA307035R0030
5	PS150/SET (Arrow running man neutral) for Primevo+ double sided accessory	663 340	7TCA307035R0029
	Rigid pictogram	660 010	7TCA091350R2175
	Anti-vandal screws for the diffuser (pack of 10)	671 410	7TCA091630R0512
	Anti-vandal screws for the grid (pack of 10)	672 507	7TCA091360R0514

### Spare parts

Description	Order code GID code
Battery for XTE150 100 lumen (1 unit) - LiFePO4 3.2V 2Ah	758 614 7TCA307055R0006
Batteries for XTE150 380 lumen (pack of 2) - LiFePO4 3.2V 2Ah	758 615 7TCA307055R0007






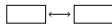

# PRIMEVO+

## Spacing tables (according to new EN 1838)




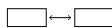

### The spacing tables are based on the following parameters:

- Maintenance factor: 0.80
- Emergency lighting factor: 1.00
- Minimum illuminance on centre line: 1.00 lx
- Minimum illuminance on half of escape route width: 1.00 lx
- Diversity on the centre line max. 40 : 1
- Width of escape route: 2.00 m

### Luminaire: XTE150-M3/ST 20M 100L Spacing tables for escape routes

Mounting Height [m]					
2.00	3.18	7.57	7.36	7.18	2.96
2.50	3.47	8.55	8.28	8.03	3.07
3.00	2.62	9.32	8.94	8.64	2.17
3.50	0.29	7.83	7.56	8.07	0.61
4.00	0.00	6.90	6.38	6.74	0.00
4.50	0.00	5.99	4.08	4.94	0.00
5.00	0.00	0.90	0.66	1.19	0.00
5.50	0.00	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00	0.00

### Luminaire: XTE150-M3/ST 20M 380L Spacing tables for escape routes

Mounting Height [m]					
2.00	4.15	9.16	9.27	9.48	4.08
2.50	4.80	10.87	10.83	10.85	4.62
3.00	5.31	12.37	12.15	11.99	5.11
3.50	5.75	13.71	13.32	13.05	5.50
4.00	6.11	14.82	14.35	14.06	5.77
4.50	6.37	15.78	15.25	14.93	5.92
5.00	6.58	16.63	16.05	15.68	5.81
5.50	6.52	17.40	16.65	16.19	5.44
6.00	2.12	16.70	16.39	16.59	4.09

## Product naming

XTE 150 M3 ST 20M 100L

1

2

3

4

5

6

**1 Product type**

**2 Product serie**

150 = PrimEvo\*

**3 Electrical version**

M3 = Maintained 3 hours

**4 Communication**

ST = Self test

**5 Viewing distance**

20M = Autotestable

**6 Lamp output**

100L = Lumen

380L = Lumen

## Glossary



Insulation class II. This luminaire must not be earthed



Indicates ingress protection class (IP value)



Classification for the degree of protection provided by enclosures against external mechanical impacts



3 hour autonomy



Indicates the viewing distance of the (illuminated) pictogram in meters



Self-contained: in case of power failure, the luminaire is battery powered



Battery type



Tested and certified by an independent European certification agency such as KEMA



Surface mounted luminaire



Recess mounted luminaire



Product comes with a LED light source



Self-Test product



24 hours - recharge period

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642 302K	7TCA307025R0008	13
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671 410	7TCA091630R0512	13
672 507	7TCA091360R0514	13
758 614	7TCA307055R0006	13
758 615	7TCA307055R0007	13

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[www.vanlien.nl](http://www.vanlien.nl)

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**Other countries:**  
For more information, please reach out to our ABB local contact center. Find out on: [new.abb.com/contact-centers](http://new.abb.com/contact-centers)



**Emergency lighting  
solutions informations**

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