

ZEMPER

THE EMERGENCY LIGHTING SPECIALIST



ALYA RANGE



ZEMPER

THE EMERGENCY LIGHTING SPECIALIST



BIG?

Yes, but not in size

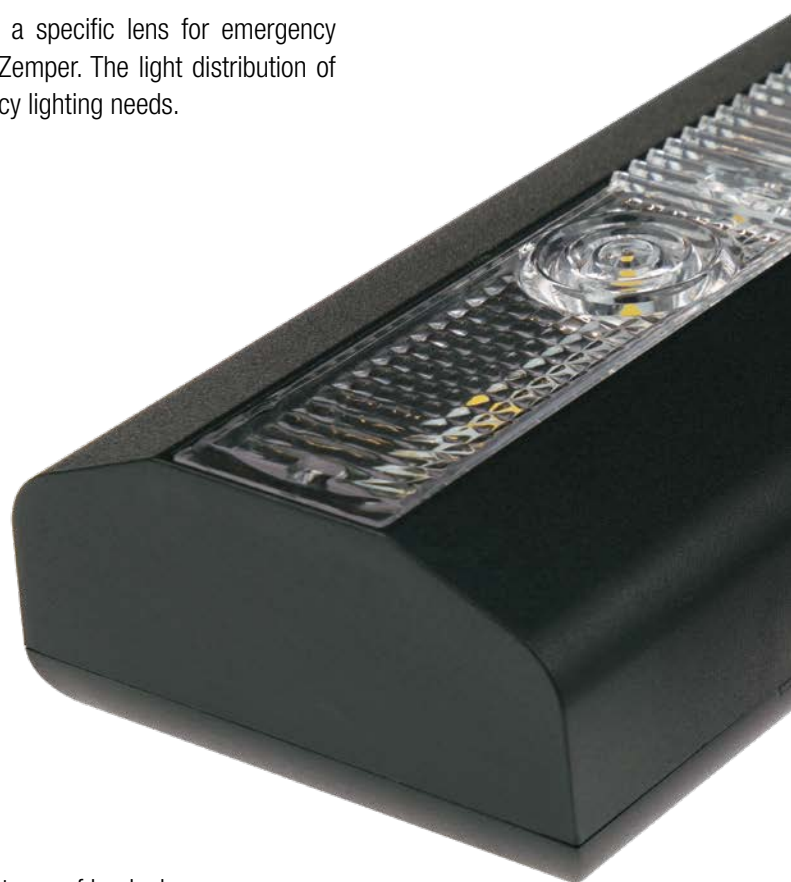
Imagine the **advantages** of a
luminaire **60%** smaller

▲
real size

Alya range is a disruptive concept in emergency lighting luminaires

Alya was designed to be small, compact and flat, but very efficient and powerful.

This is thanks to the design of a specific lens for emergency lighting specially carried out by Zemper. The light distribution of the Alya is exactly what emergency lighting needs.



Alya

Alya family is composed of three types of luminaires:



- **Alya:** Luminaire to be used in surface and recessed ceiling mounted.



- **Walya:** Wall mounted luminaire



- **ExitAlya:** Luminaire specially designed as exit sign which can be adapted to any position or ceiling

ALYA RANGE



Walya

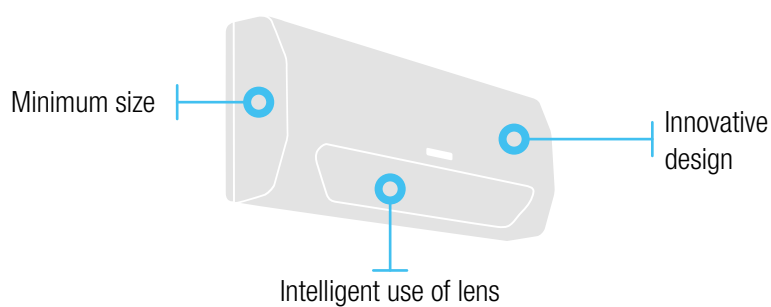
ALYA RANGE ADVANTAGES



sustainable



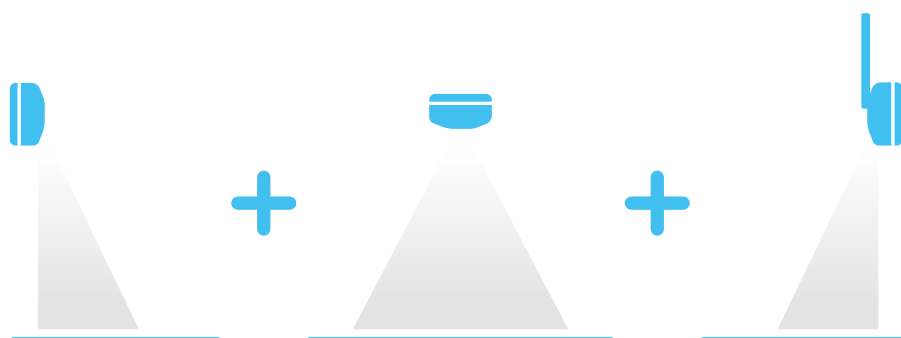
design



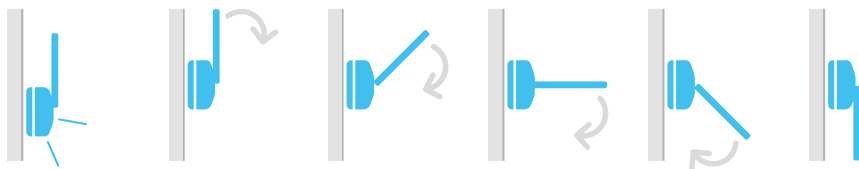
Minimalist design and perfect integration



optics



Optimisation. Optics for different objectives

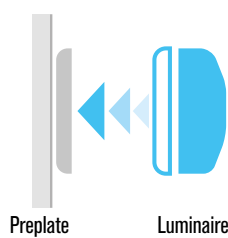


100% flexible



exit sign

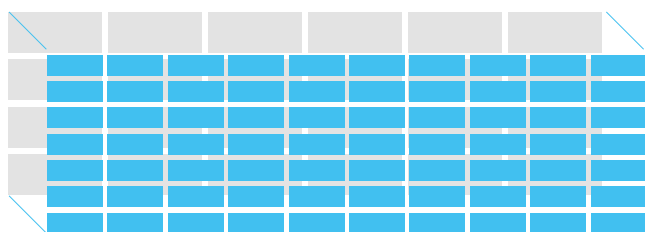
Easy and quick installation



Just a "click"



quick installation



3x

up to 60% more luminaires
in the same space

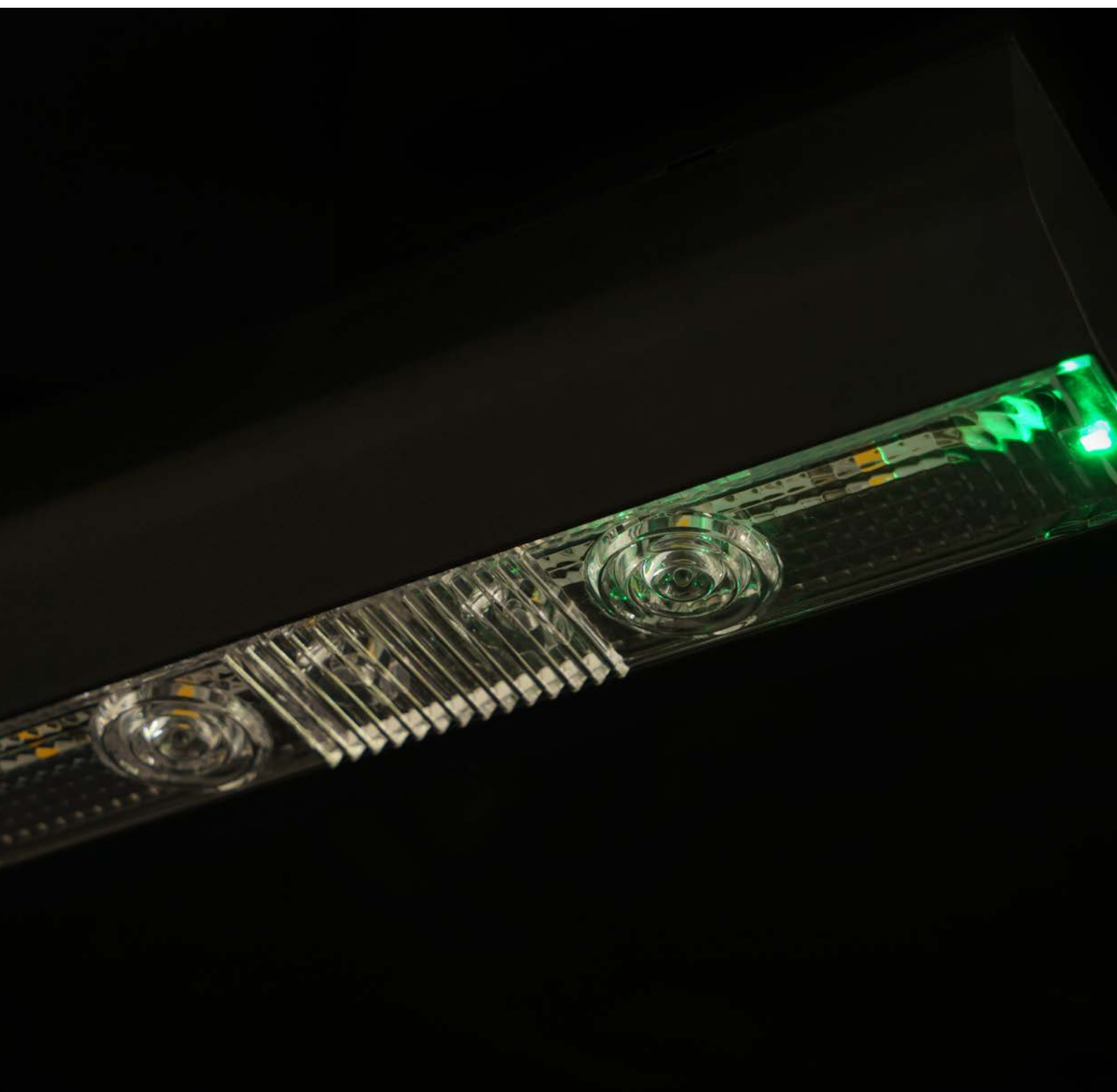


easy storage





ALYA





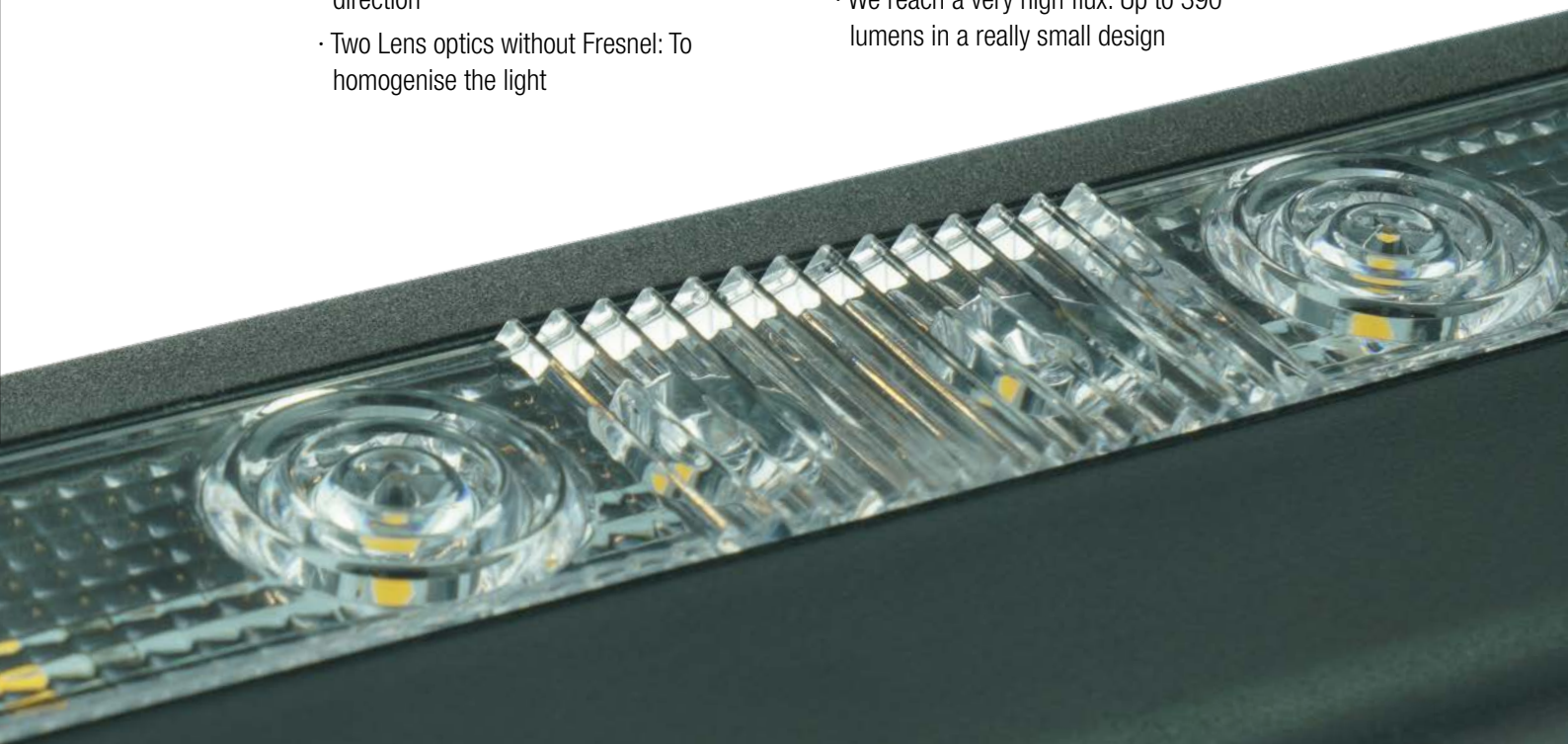
smart application of optics

In the Alya's lens there are **three different parts with different objectives**:

- Two Circular Fresnel optics: These parts open the light in both directions
- Two Total Internal Reflexion optics: Each part sends the light very far in only one direction
- Two Lens optics without Fresnel: To homogenise the light

The addition of these three optical parts achieve the optimal requirements for an **exceptional light behaviour**:

- Very large interdistance in both sides, maintaining the high flux of the luminaire in all directions.
- We reach a very high flux: Up to 390 lumens in a really small design





Real size



Surface



Recessed



Recessed

ALYA

Design by
Ángel Díaz Cambronero

SPECIFICATION



Polycarbonate body



Optics: Circular Lens + Hall Lens

IP

IP20

IK

IK04

lm

170 lm - 390 lm



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest

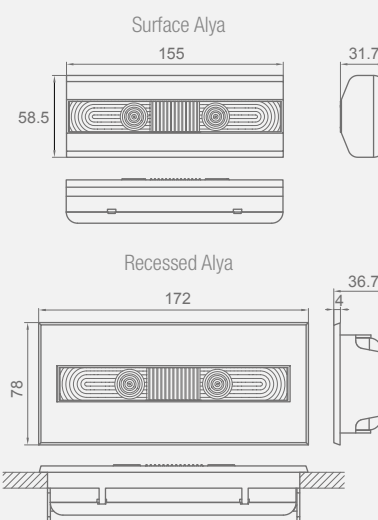


Wireless addressable monitoring



AutoTest & WSS Lithium

DIMENSIONS (mm)



STANDARDS COMPLIANCE

EN-60598-2-22
AutoTest: EN-62034
Wireless: ETSI EN 300 220
DALI: EN 62386

CERTIFICATIONS



RANGE						
	Emergency	Mains	Type*	Dur.	Battery	Ref.
Standard	95 lm		NM	1 h	3.6V 0.3A/h Ni-Cd	LYA3100C
	225 lm		NM	1 h	3.6V 0.8A/h Ni-Cd	LYA3200C
	350 lm		NM	1 h	3.2V 1.5A/h LFP	LYA3300LC
	600 lm		NM	1 h	6.4V 1.5A/h LFP	LYA3600LC
	150 lm		NM	3 h	3.2V 1.5A/h LFP	LYA3150LC3
AutoTest	95 lm		NM	1 h	3.6V 0.3A/h Ni-Cd	LYA3100X
	225 lm		NM	1 h	3.6V 0.8A/h Ni-Cd	LYA3200X
	350 lm		NM	1 h	3.2V 1.5A/h LFP	LYA3300LX
	390 lm	235 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYA3400LXP
	390 lm		NM	1 h	3.2V 1.5A/h LFP	LYA3400LX
	600 lm		NM	1 h	6.4V 1.5A/h LFP	LYA3600LX
	150 lm		NM	3 h	3.2V 1.5A/h LFP	LYA3150LX3
	170 lm		NM	3 h	3.2V 1.5A/h LFP	LYA3200LX3
Wireless	300 lm	180 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYA3300LXP3
	390 lm	235 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYA3400LDPW
	170 lm	100 lm	M/NM	3 h	3.2V 1.5A/h LFP	LYA3200LDP3W
DALI	300 lm	180 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYA3300LDP3W
	390 lm	235 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYA3400LAP
	170 lm	100 lm	M/NM	3 h	3.2V 1.5A/h LFP	LYA3200LAP3
	300 lm	180 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYA3300LAP3

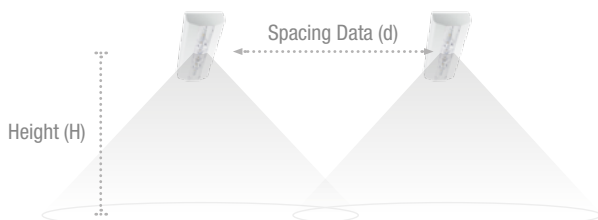
*NM: Non Maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.

*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

For black version, add "N" at the end of the reference. Luminous flux decreases by 18% in black colour version.

The recessed frame should be ordered as accessory with reference AMY0011N (black) or AMY0011 (white)

SPACING TABLE

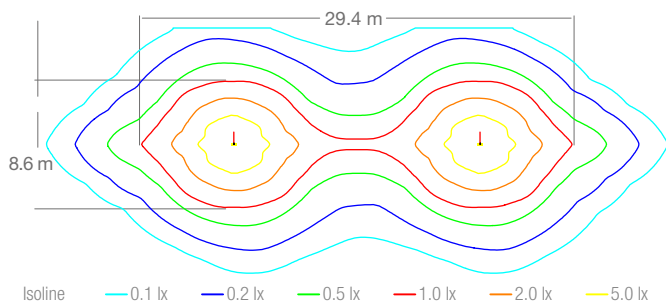


Spacing table calculated with 1 lux minimum illuminance

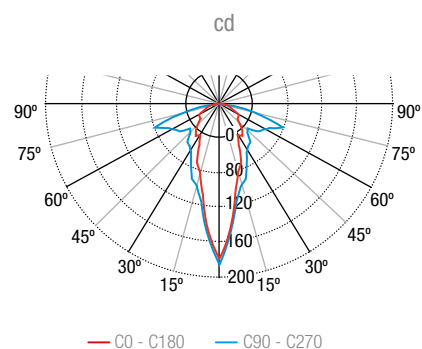
Height (H)	Spacing Data (d)	
	300 lm	390 lm
2.5 m	14.8 m	14.8 m
3 m	16.5 m	17.8 m
4 m	16.4 m	19.1 m
5 m	16.1 m	18.7 m
6 m	14.0 m	17.9 m

ISOLUX CURVE

390 lm luminaire placed at 3 m height



PHOTOMETRIC GUIDE



ACCESSORIES



AMY0011
White ceiling recessed accessory



AMY0011N
Black ceiling recessed accessory





the intelligent use of lens

In Walya's lens there are two different parts:

- Two LEDs optics with very big wings: These parts send the light very far along the wall of the corridor at 2.5 meters height
- Two Lens optics without Fresnel: These parts send the light to the down part, to achieve the same flux in all the path

The result is spectacular and this luminaire achieves an incredible interdistance of 12,85 meters in a corridor. We reach up to 300 lumens with only 4 LEDs





Surface

Real size

WALYA

Design by
Ángel Díaz Cambronero

SPECIFICATION



Polycarbonate body



Optics: Circular Lens + Hall Lens

IP

IP20

IK

IK04

lm

150 lm - 300 lm



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest

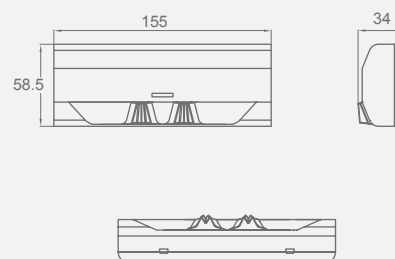


Wireless addressable monitoring



AutoTest & WSS Lithium

DIMENSIONS (mm)



STANDARDS COMPLIANCE

EN-60598-2-22
AutoTest: EN-62034
Wireless: ETSI EN 300 220
DALI: EN 62386

CERTIFICATIONS



RANGE						
	Emergency	Mains	Type*	Dur.	Battery	Ref.
AutoTest	300 lm		NM	1 h	3.2V 1.5A/h LFP	LYW3300LX
	150 lm		NM	3 h	3.2V 1.5A/h LFP	LYW3150LX3
Wireless	300 lm	180 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYW3300LDPW
	300 lm		NM	1 h	3.2V 1.5A/h LFP	LYW3300LDW
	150 lm		NM	3 h	3.2V 1.5A/h LFP	LYW3150LD3W
DALI	300 lm	180 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYW3300LAP
	150 lm	90 lm	M/NM	3 h	3.2V 1.5A/h LFP	LYW3150LAP3

*NM: Non Maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.

*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

For black version, add "N" at the end of the reference. Luminous flux decreases by 18% in black colour version.

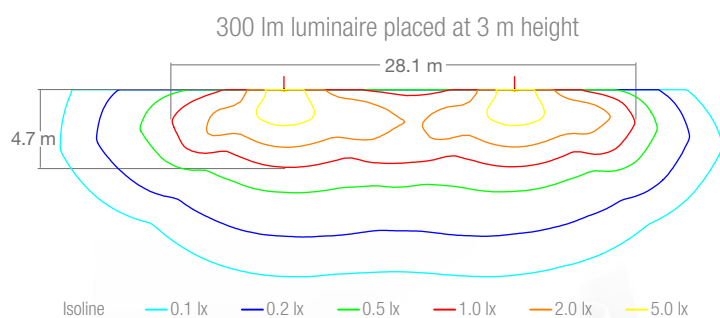
SPACING TABLE



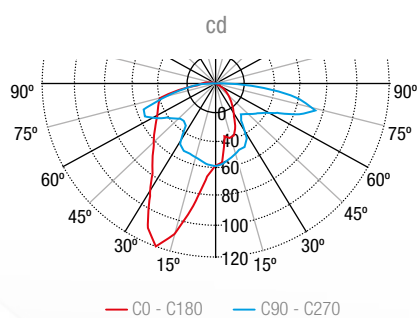
Spacing table calculated with 1 lux minimum illuminance

Height (H)	Spacing Data (d)	
	150 lm	300 lm
2.5 m	8.9 m	12.8 m
3 m	8.4 m	12.9 m
3.5 m	7.7 m	12.7 m
4 m	7.0 m	12.2 m
4.5 m	6.7 m	11.6 m

ISOLUX CURVE



PHOTOMETRIC GUIDE





EXITALYA





EXITALYA Surface

(Surface Ceiling Mounted & Surface Wall Mounted)

Design by
Ángel Díaz Cambronero

SPECIFICATION



Polycarbonate body

IP

IP20

IK

IK04



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest



Wireless addressable monitoring



STANDARDS COMPLIANCE

EN-60598-2-22

Pictographs: EN ISO7010

AutoTest: EN-62034

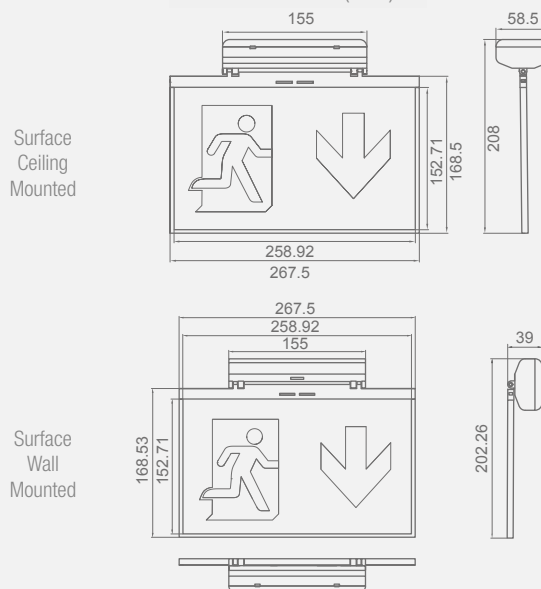
Wireless: ETSI EN 300 220

Dali: EN 62386



AutoTest & WSS Lithium

DIMENSIONS (mm)



VIEWING DISTANCE



CERTIFICATIONS





RANGE

	Type*	Dur.	Battery	Ref.
AutoTest	M	1 h	3.2V 1.0A/h LFP	LYE3070LXP
	M	3 h	3.2V 1.5A/h LFP	LYE3070LXP3
Wireless	M	1 h	3.2V 1.0A/h LFP	LYE3070LDPW
	M	3 h	3.2V 1.5A/h LFP	LYE3070LDP3W
DALI	M	1 h	3.2V 1.0A/h LFP	LYE3070LAP
	M	3 h	3.2V 1.5A/h LFP	LYE3070LAP3

*M: Maintained.



Wall
mounted



Recessed
mounted



Ceiling
mounted

180° adaptable

Its specific design makes it an exign sign adaptable to any position on the surface where it is installed: ceiling, wall or sloping ceiling.

The banner is made of a very innovative self-diffusing material that provides a perfect and uniform diffusion of light.



It is supplied with a complete set of pictograms



1 unit x EEP407



1 unit x EEP408



2 units x EEP409



1 unit x EEP406 (white)



EXITALYA Surface LEDs

(Surface Wall Mounted)

Design by
Ángel Díaz Cambronero

SPECIFICATION



Polycarbonate body



Sign + Optics: Exit Sign + Circular Lens

IP

IP20

IK

IK04

lm

120 lm



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest

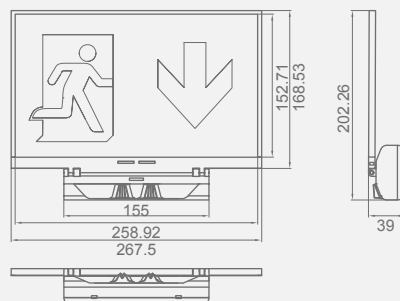


Wireless addressable monitoring



AutoTest & WSS Lithium

DIMENSIONS (mm)



VIEWING DISTANCE



STANDARDS COMPLIANCE

EN-60598-2-22

Pictographs: EN ISO7010

AutoTest: EN-62034

Wireless: ETSI EN 300 220

Dali: EN 62386

CERTIFICATIONS



RANGE						
	Emergency	Mains	Type*	Dur.	Battery	Ref.
AutoTest	120 lm	70 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYE3120LXP
	120 lm	70 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYE3120LXP3
Wireless	120 lm	70 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYE3120LDPW
	120 lm	70 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYE3120LDP3W
DALI	120 lm	70 lm	M	1 h	3.2V 1.5A/h LFP	LYE3120LAP
	120 lm	70 lm	M	3 h	3.2V 3.0A/h LFP	LYE3120LAP3

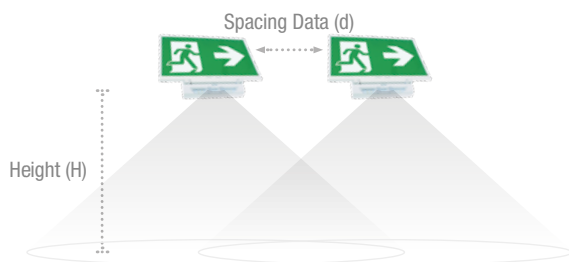
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

*M: Maintained.

For black version, add "N" at the end of the reference. Luminous flux decreases by 18% in black colour version.

SPACING TABLE

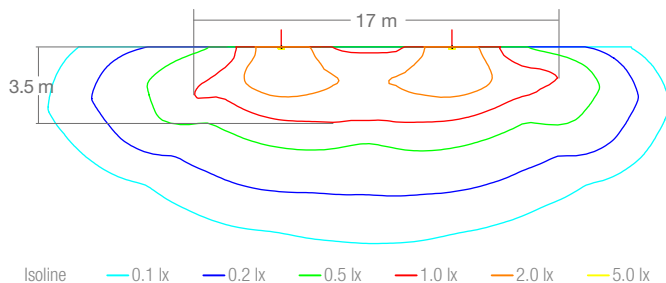
Spacing table calculated with 1 lux minimum illuminance



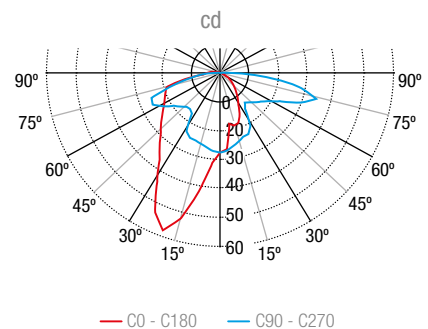
Height (H)	Spacing Data (d)
	120 lm
2.5 m	7.8 m
3 m	7.1 m
3.5 m	6.3 m
4 m	6.1 m
4.5 m	6.0 m

ISOLUX CURVE

120 lm luminaire placed at 3 m height



PHOTOMETRIC GUIDE



180° adaptable

Its specific design makes it an exign sign adaptable to any position on the surface where it is installed: ceiling, wall or sloping ceiling.

The banner is made of a very innovative self-diffusing material that provides a perfect and uniform diffusion of light.



It is supplied with a complete set of pictograms



1 unit x EEP407



1 unit x EEP408



2 units x EEP409



1 unit x EEP406 (white)



EXITALYA Recessed

(Recessed Wall Mounted & Ceiling Recessed Mounted)

Design by
Ángel Díaz Cambronero

SPECIFICATION



Polycarbonate body

IP

IP20

IK

IK04



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest



Wireless addressable monitoring



VIEWING DISTANCE



STANDARDS COMPLIANCE

EN-60598-2-22

Pictographs: EN ISO7010

AutoTest: EN-62034

Wireless: ETSI EN 300 220

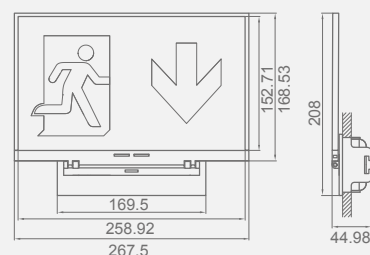
Dali: EN 62386



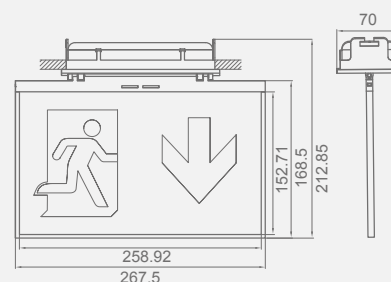
AutoTest & WSS Lithium

DIMENSIONS (mm)

Recessed
Wall
Mounted



Ceiling
Recessed
Mounted



CERTIFICATIONS



RANGE				
	Type*	Dur.	Battery	Ref.
AutoTest	M	1 h	3.2V 1.0A/h LFP	LYR3070LXP
	M	3 h	3.2V 1.5A/h LFP	LYR3070LXP3
Wireless	M	1 h	3.2V 1.0A/h LFP	LYR3070LDPW
	M	3 h	3.2V 1.5A/h LFP	LYR3070LDP3W
DALI	M	1 h	3.2V 1.0A/h LFP	LYR3070LAP
	M	3 h	3.2V 1.5A/h LFP	LYR3070LAP3

*M: Maintained.



180° adaptable

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It is supplied with a complete set of pictograms



1 unit x EEP407



1 unit x EEP408



2 units x EEP409



1 unit x EEP406 (white)



EXITALYA Red

(Surface Wall Mounted)

Design by
Ángel Díaz Cambronero

SPECIFICATION



Polycarbonate body



Sign + Optics: Exit Sign + Circular Lens

IP

IP20

IK

IK04

lm

120 lm



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest

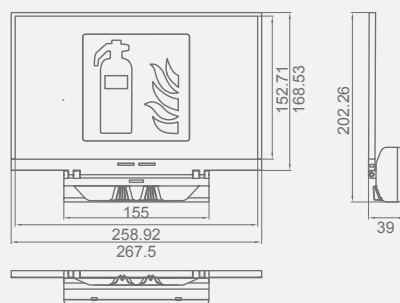


Wireless addressable monitoring



AutoTest & WSS Lithium

DIMENSIONS (mm)



VIEWING DISTANCE



STANDARDS COMPLIANCE

EN-60598-2-22

Pictographs: EN ISO7010

AutoTest: EN-62034

Wireless: ETSI EN 300 220

Dali: EN 62386

CERTIFICATIONS

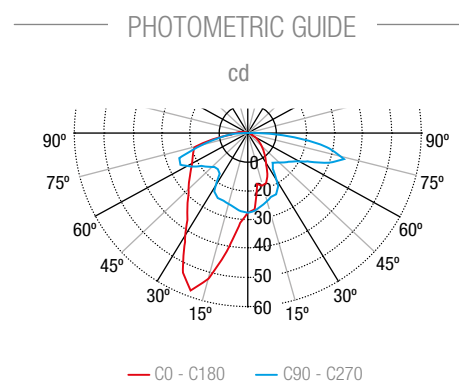
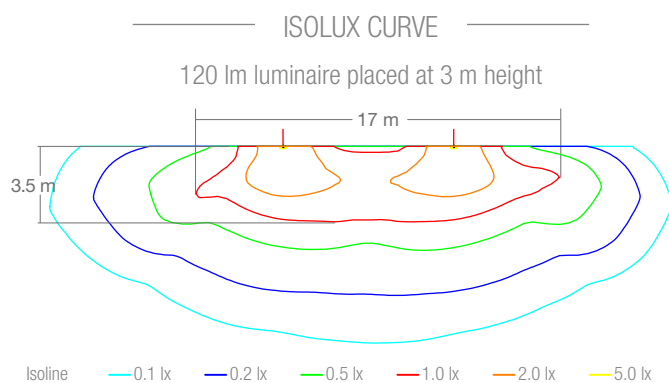


	RANGE						
	Emergency	Mains	Type*	Dur.	Battery	Ref.	
AutoTest	120 lm	70 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYE3125LXP	
	120 lm	70 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYE3125LXP3	
Wireless	120 lm	70 lm	M/NM	1 h	3.2V 1.5A/h LFP	LYE3125LDPW	
	120 lm	70 lm	M/NM	3 h	3.2V 3.0A/h LFP	LYE3125LDP3W	
DALI	120 lm	70 lm	M	1 h	3.2V 1.5A/h LFP	LYE3125LAP	
	120 lm	70 lm	M	3 h	3.2V 3.0A/h LFP	LYE3125LAP3	

*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

*M: Maintained.

For black version, add "N" at the end of the reference. Luminous flux decreases by 18% in black colour version.



180° adaptable

Its specific design makes it an exign sign adaptable to any position on the surface where it is installed: ceiling, wall or sloping ceiling.

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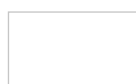
1 unit x EEP410



1 unit x EEP411

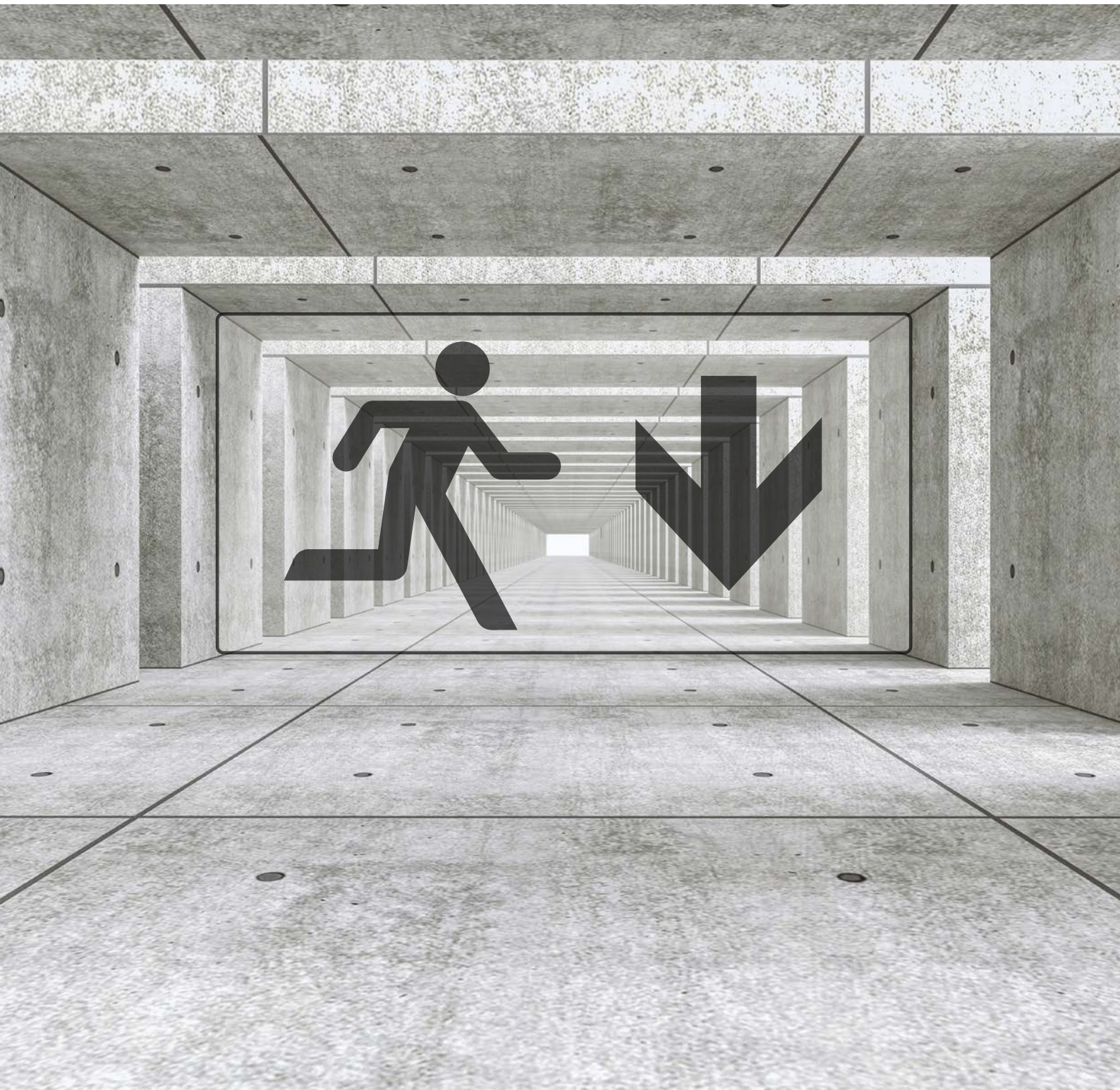


1 unit x EEP412



1 unit x EEP406 (white)

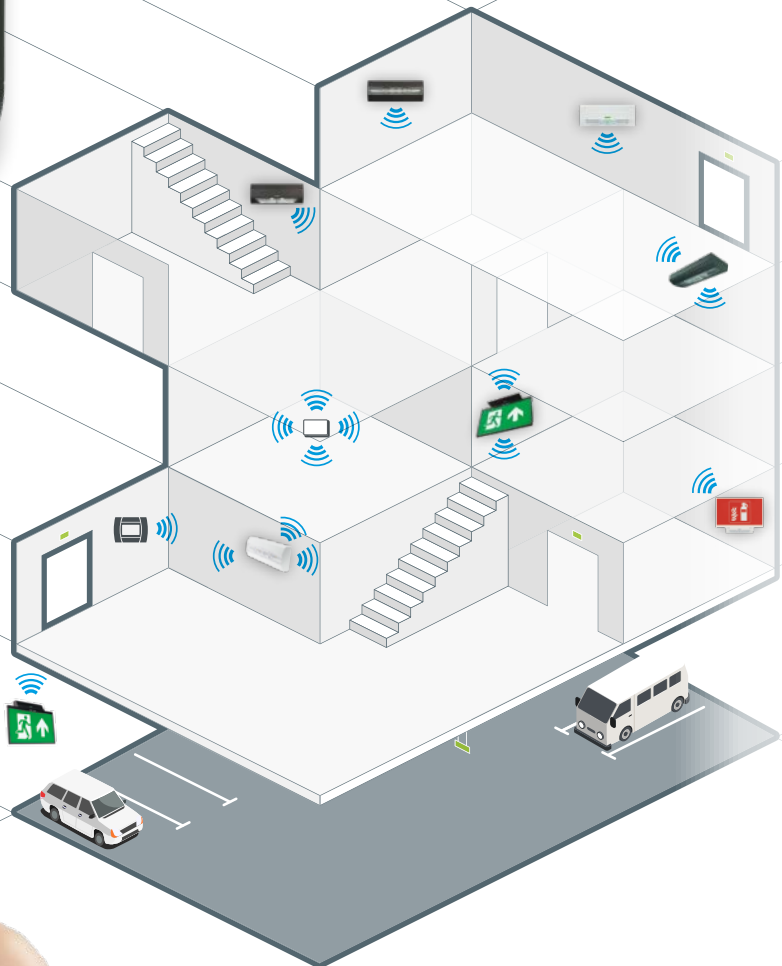






WHY WSS?

- ZEMPER WSS (wireless control system) highly reduces installation costs (no additional wiring)
- It saves a lot of money for medium and big installations and can help in hard refurbishments projects
- One concentrator can control 130 luminaires within 6 available frequencies
- ZEMPER WSS needs one Control Unit per 8 Concentrators, that means up to 1040 luminaires
- ZEMPER WSS can mix wire and wireless technologies in the same solution



Alya range available in wireless control system

Centralized and remote management system for multiple emergency lighting installations for monitoring and maintenance



Centralized installations monitoring management system via web server.

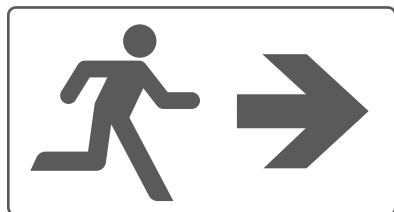


ZD PRO WEB takes over all the control, and it generates an electronic log book for all connected systems.

Different installations monitored with a single software and visualised at once.



Worldwide multi-building remote programming and maintenance assistance.



ZEMPER

THE EMERGENCY LIGHTING SPECIALIST

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