EASY LED

Control solutions

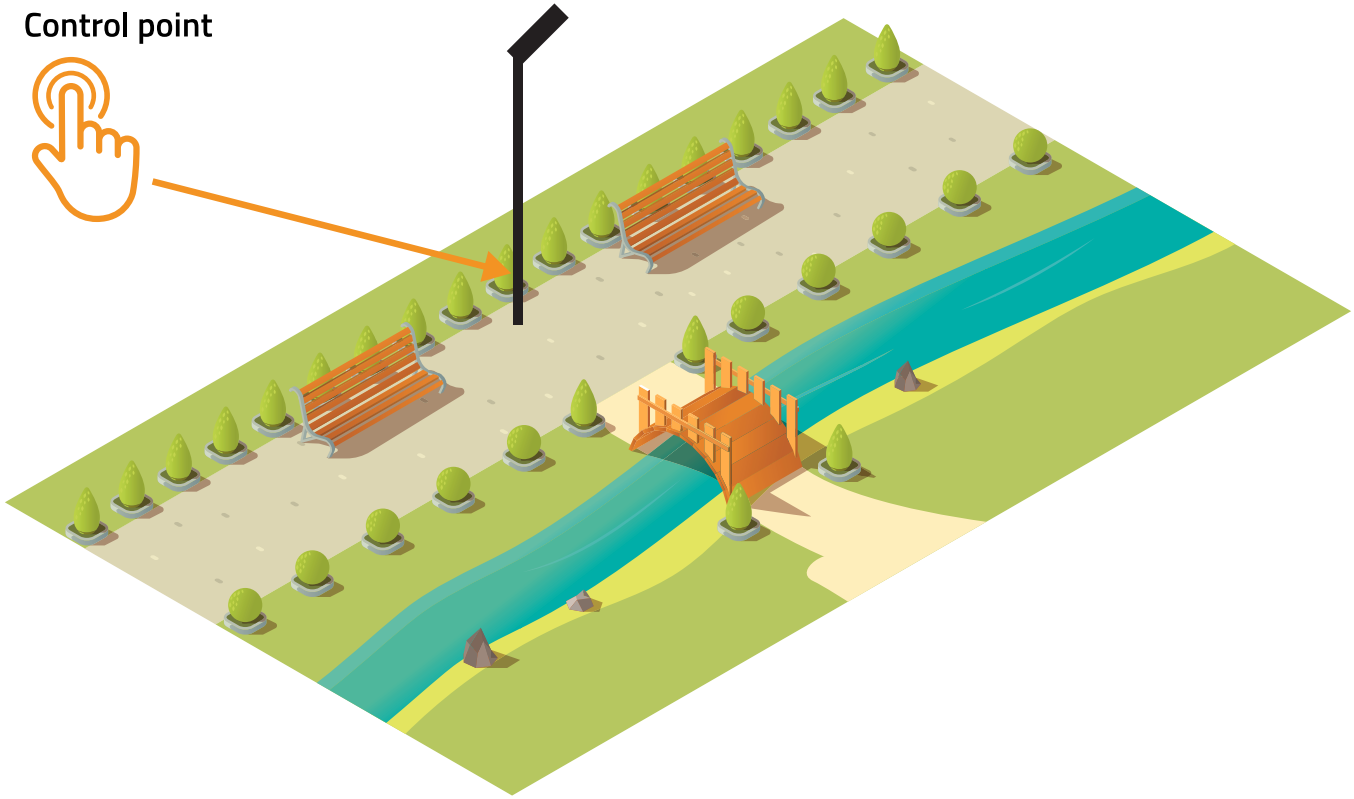
WWW.EASYLED.FI

EASY MAGIC S

The EASY MAGIC S lighting solution ensures timely, even and pleasant light. Control is carried out by means of a cable connected push-button placed at the base of the lighting mast or another suitable location near the mast. At the top of the mast, near the luminaires, there is a box containing control equipment, which is also used to connect the power supply to the luminaires.

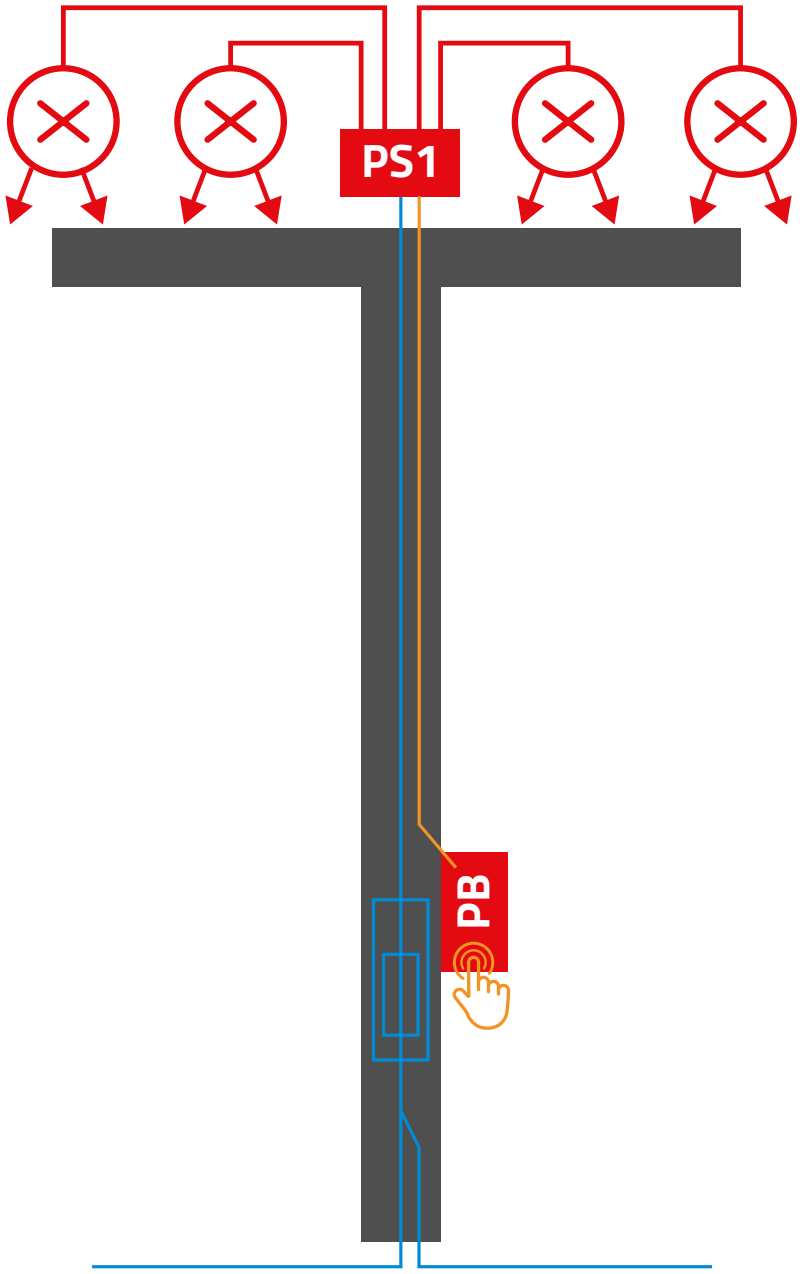
EASY LED

EASY | MAGIC



The control push-button and its box (PB) are impact-resistant. A push-button switches the lighting to full power for a pre-set period of time. Timed dimming in steps can be used when switching off the lighting. (more info on page 4). By pressing the button, the lights can be brightened again. Four DALI luminaires can be connected to the upper control box (PS1).

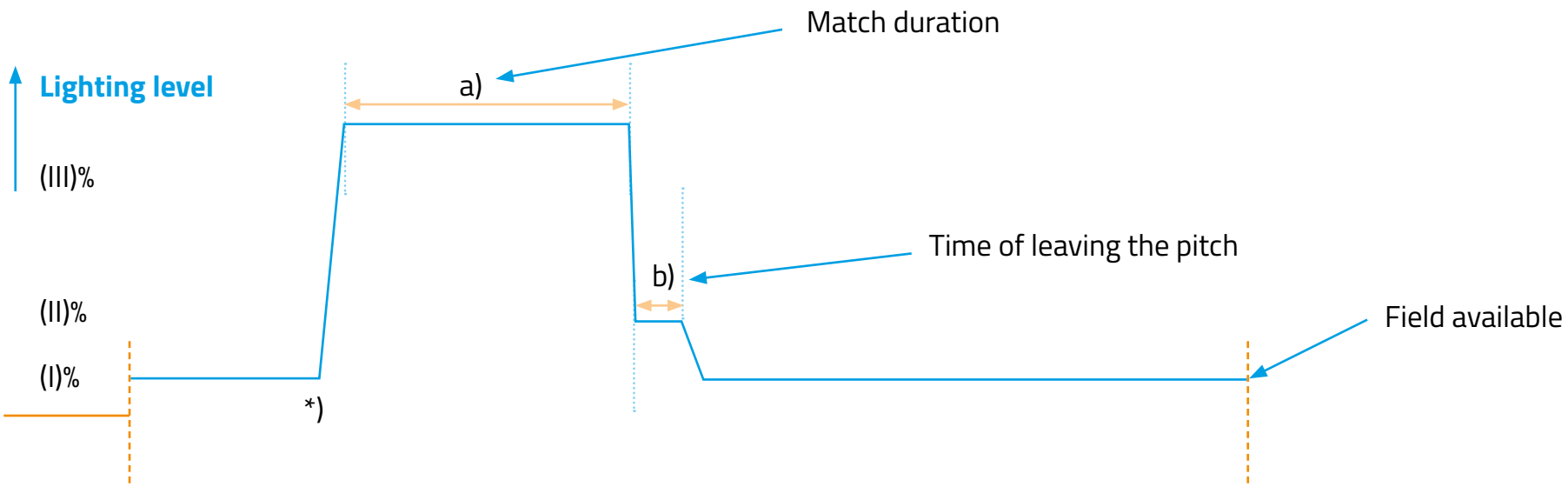
The solution can also be extended to other masts using DALI cabling. We also offer upper boxes for the masts if required. For long distances (250 m), a repeater is required, which is placed in the upper box.



TECHNICAL SPECIFICATIONS

Installation:	For mast, wall, structures
Operating temperature:	-20°C ... + 55°C
Supply voltage:	240V 50-60Hz
Outputs of DALI luminaires in the switching unit:	4 pcs (PE, L, N, DA+ DA- drivers 2.5mm2)
Maximum power consumption of DALI luminaires in chained mode	200mA
Control protocol:	DALI
Environmental classification:	IP66, IK09
Warranty:	2 years

EASY MAGIC (S&M) CONTROL BUTTON PROFILE (example of a public football pitch)



SW	I(%)	II(%)	III(%)	a(min)	b(min)
E10	0	30	100	60	20
E11	10	30	100	60	20
E30	0	30	100	180	20
E31	10	30	100	180	20

For an additional price, you can get a customised profile. Indicate this when ordering (I, II, III, a and b).

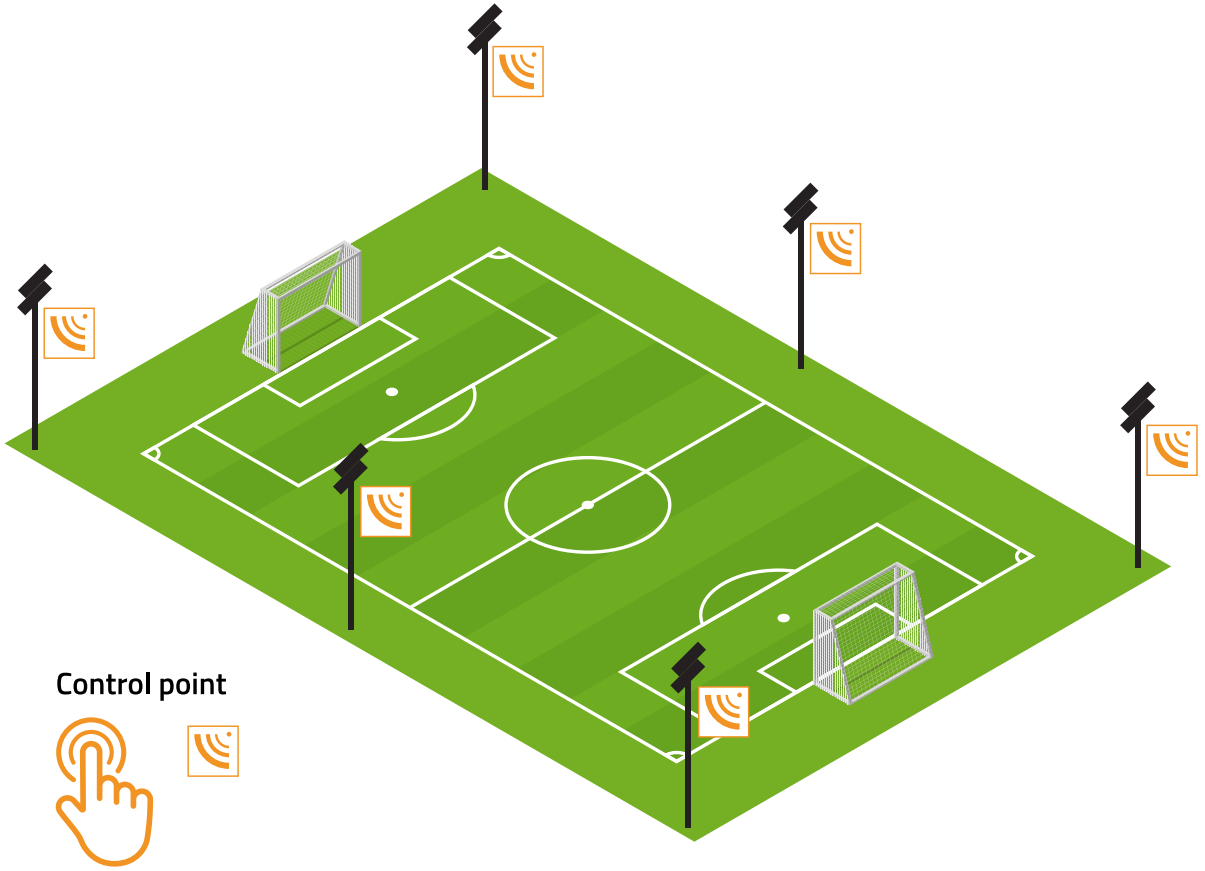


EASY MAGIC M

The EASY MAGIC MWireless lighting solution ensures timely, even and pleasant light. Control is provided by a push-button placed at a suitable location on the site. A Gateway box is installed above the control point. The master boxes of the lighting solution are located at the top of the masts, close to the luminaires. The same box is used to connect the power supply to the luminaires.

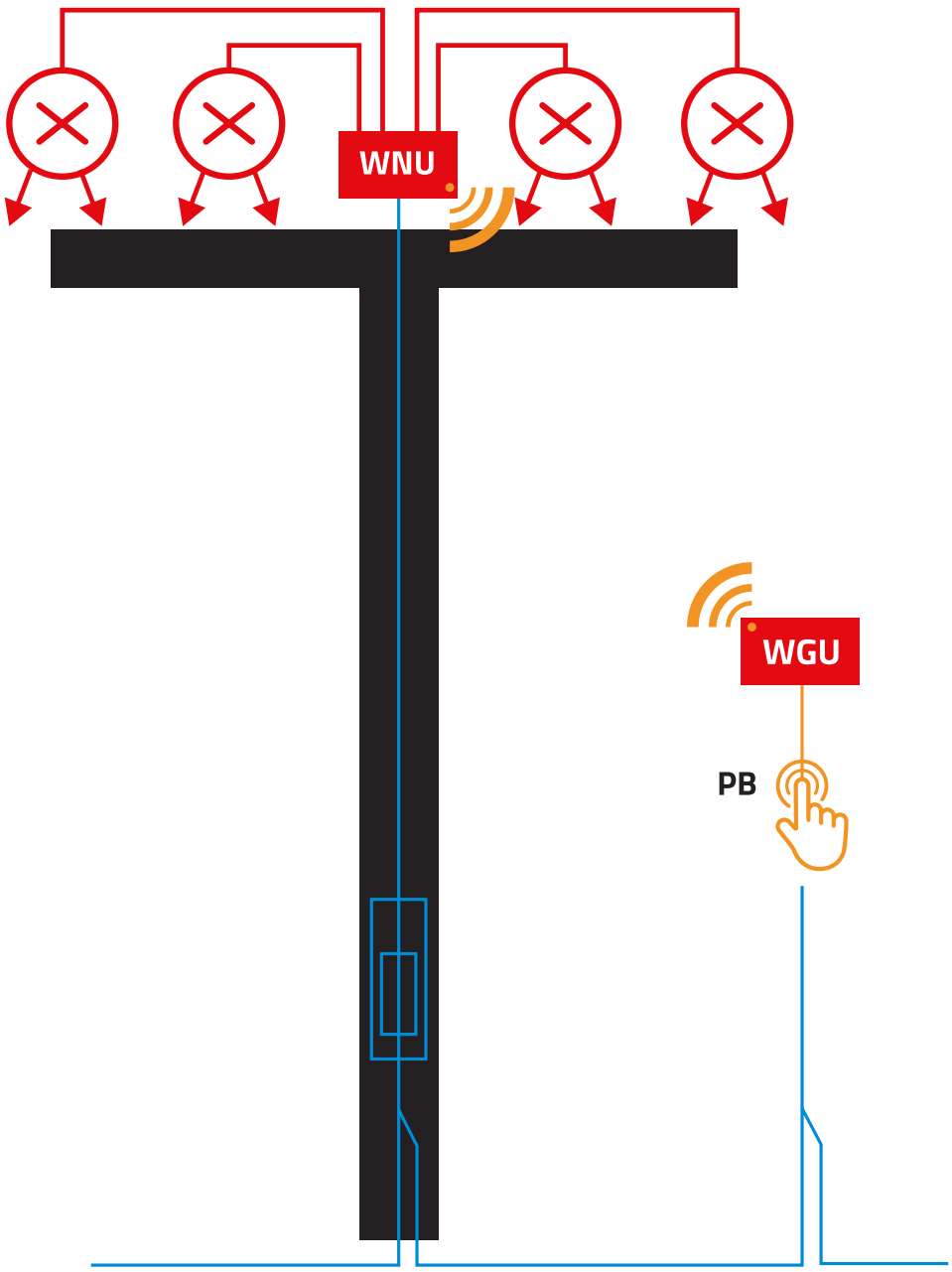
EASY LED

EASY | MAGIC



The control push-button and its box (PB) are impact-resistant. A push-button switches the lighting to full power for a pre-set period of time. Timed dimming in steps can be used when switching off the lighting.

By pressing the button, the lights can be brightened again. The control commands are transmitted (by the WGU in the picture on page 7) to the upper boxes of the masts (WNU). Five DALI luminaires can be connected to the upper control box. A continuous power supply is recommended in the system.



TECHNICAL SPECIFICATIONS

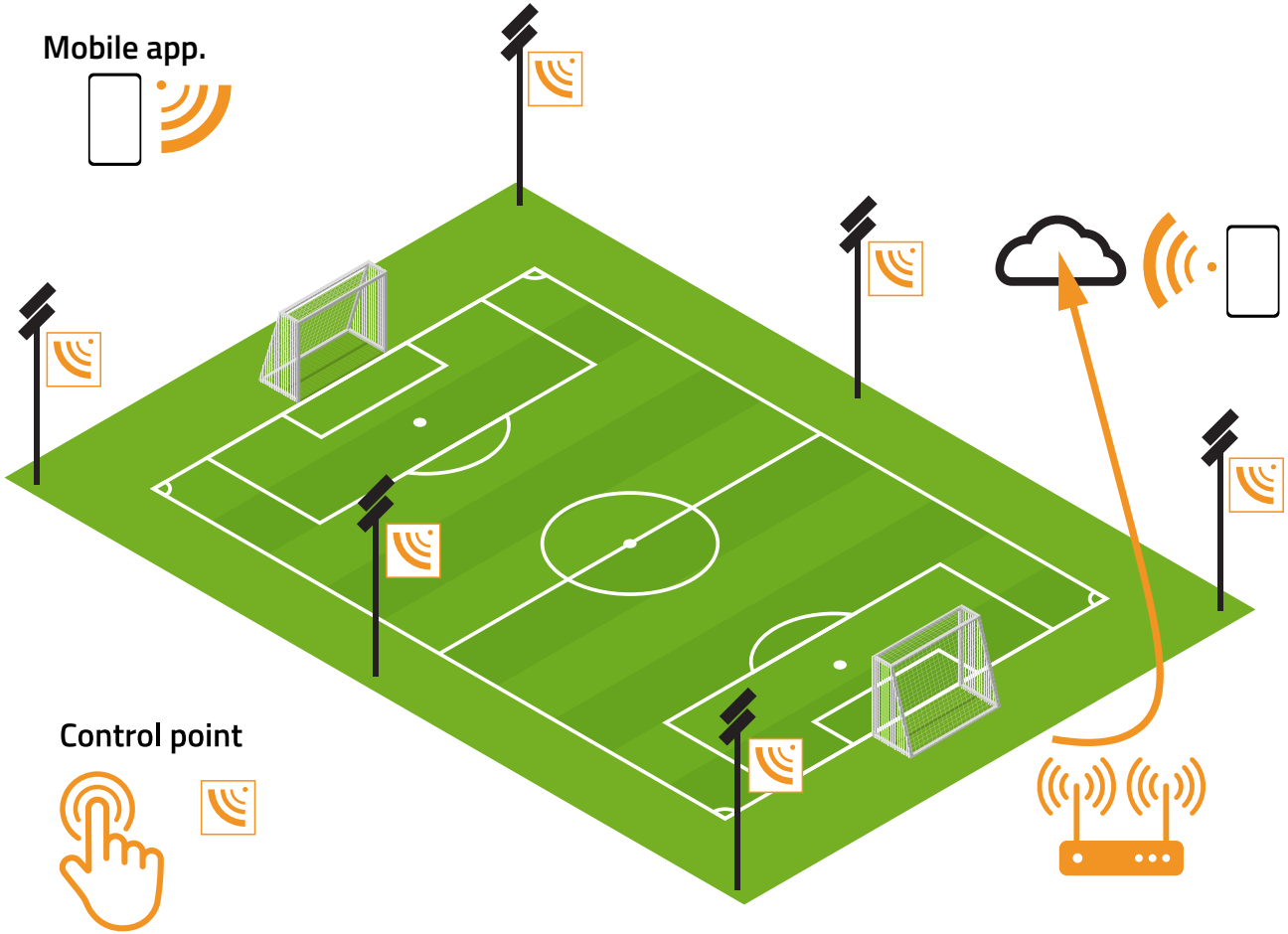
Installation:	For mast, wall, structures
Operating temperature:	-40°C ... + 60°C
Supply voltage:	240V 50-60Hz
Outputs of DALI luminaires in the switching unit:	5 pcs (PE, L, N, DA+ DA- drivers 2.5mm2)
Maximum power consumption of DALI luminaires in chained mode:	28mA
Control protocol:	Wireless DALI, MESH
Unobstructed distance between masts:	<80m
Environmental classification:	IP66, IK09
Warranty:	2 years

EASY MAGIC L

The EASY MAGIC L Remote lighting solution ensures timely, even and pleasant light. Control can be carried out through a mobile app with very extensive control possibilities. Timers can be set according to the calendar and time of day. Wireless sensors and control units can also be easily connected to the system. Timer and sensor controls can easily be prioritized with app. The app can be downloaded from the iOS and Android app stores. EASY MAGIC L remote control can be connected to the internet via Gateway, but this is not necessary.

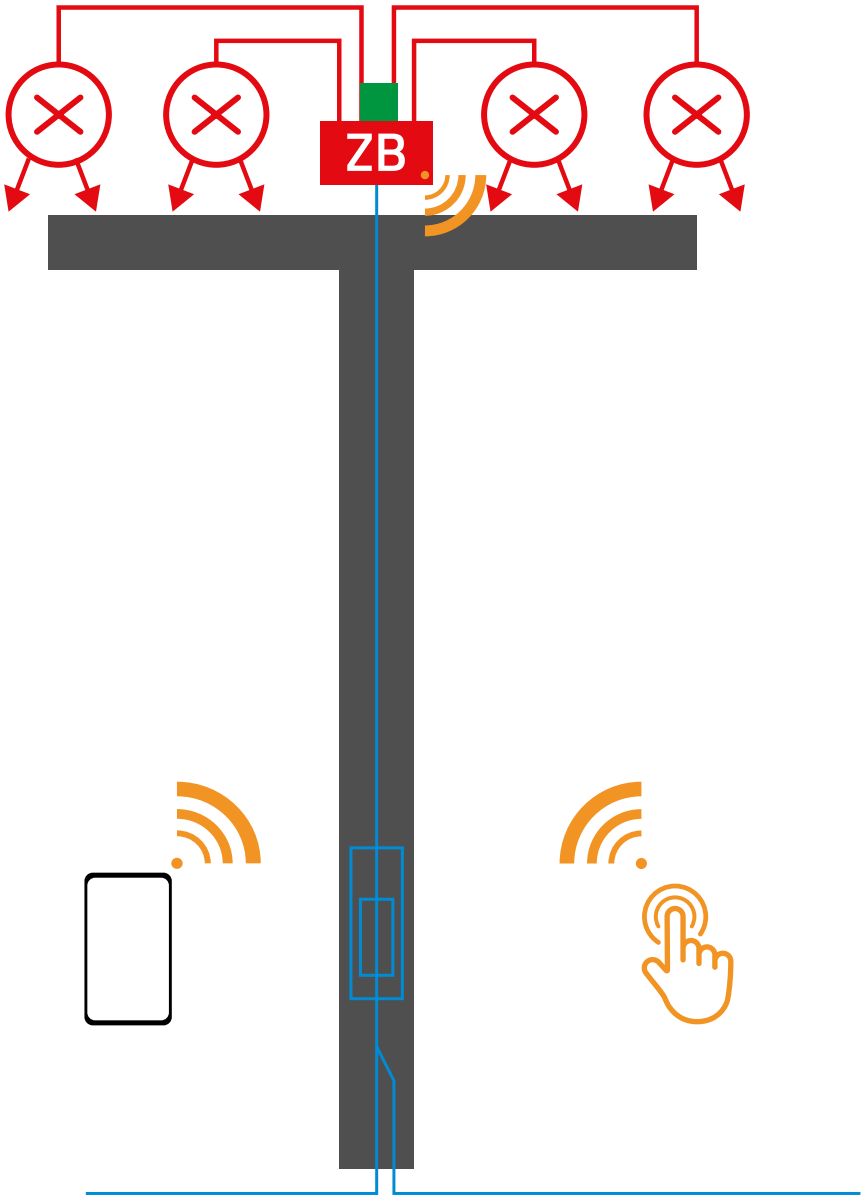
EASY LED

EASY | MAGIC



Zhaga Book 18-connector control boxes (ZB1 or ZB5) are installed on the masts or lighting points of the site, which in turn are connected to the EASY MAGIC L Zhaga controller.

Five DALI luminaires can be connected to the upper control box (ZB5). A continuous power supply is needed for the box.



ZHAGA Book 18

TECHNICAL SPECIFICATIONS

Installation:	For mast, wall, structures
Operating temperature:	-40°C ... + 60°C
Supply voltage:	240V 50-60Hz
Outputs of DALI luminaires in the switching unit:	5 pcs (PE, L, N, DA+ DA- drivers 2.5mm2)
Maximum power consumption of DALI luminaires in chained mode:	40mA
Control protocol:	BT5.0 MESH
Unobstructed distance between masts:	<150m
Environmental classification:	IP66, IK09 (Box and Zhaga)
Warranty:	2 years

EASY MAGIC XL

The EASY MAGIC XL lighting solution ensures timely, even and pleasant light. The site can be configured using a mobile app. Timers can be set according to the calendar and time of day. The app can be downloaded from the iOS and Android app stores. Sensors and control units can also be connected to the system. EASY MAGIC XL is particularly suitable for stand-alone applications.

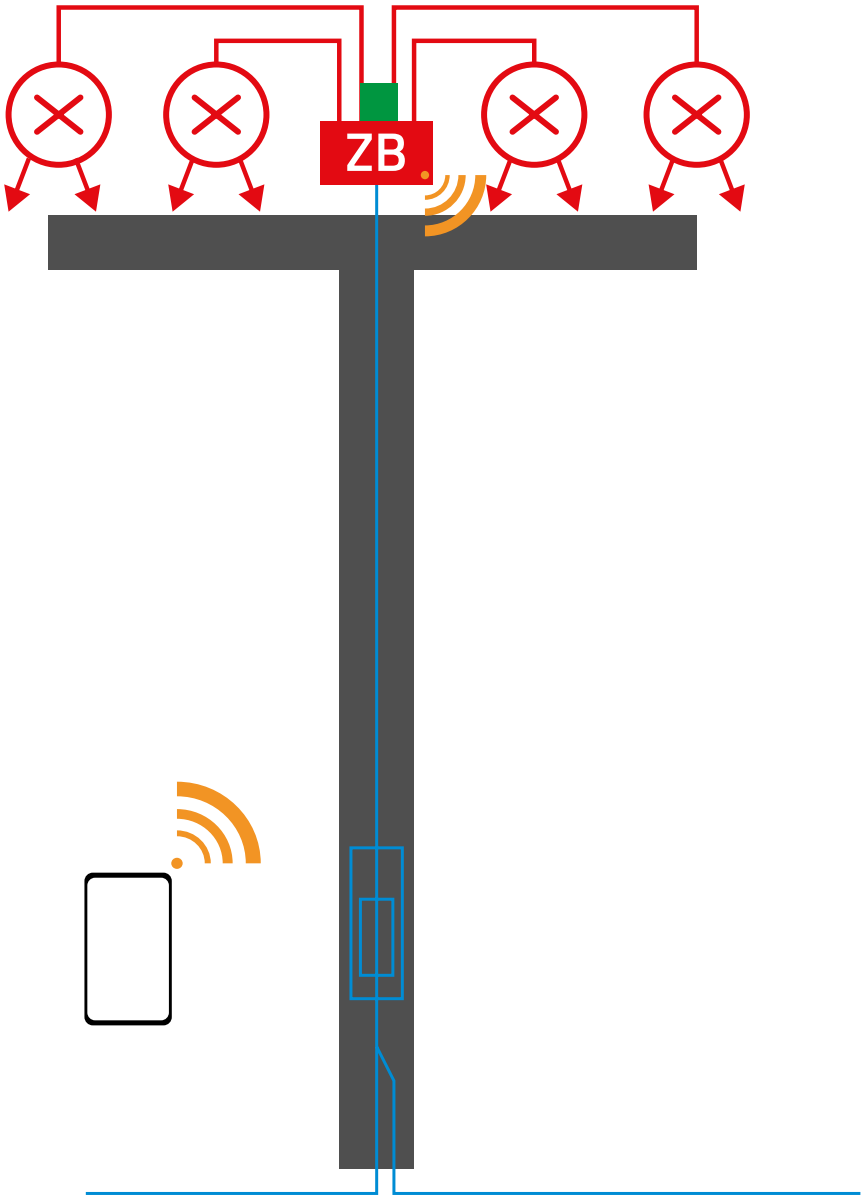
EASY LED

EASY | MAGIC



Zhaga Book 18-connector control boxes (ZB1 or ZB5) are installed on the masts or lighting points of the site, which in turn are connected to the EASY MAGIC XL Zhaga controller.

Five DALI luminaires can be connected to the upper control box (ZB5). A continuous power supply is needed for the box.



ZHAGA Book 18

TECHNICAL SPECIFICATIONS

Installation:	For mast, wall, structures
Operating temperature:	-40°C ... + 60°C
Supply voltage:	240V 50-60Hz
Outputs of DALI luminaires in the switching unit:	5pcs (PE, L, N, DA+ DA- drivers 2.5mm2)
Maximum power consumption of DALI luminaires in chained mode:	200mA
Control protocol:	MiraMesh
Unobstructed distance between masts:	<150m Mesh, load capacity 300m
Environmental classification:	IP65, IK09
Warranty:	2 years

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EASY LED

Investing in high-quality LED lighting pays off now and will continue to do so well into the future. Easy LED Oy is a Finnish company specialising in energy-efficient LED lighting. We manufacture lighting systems for industry, sports arenas, streets and roads, retail and offices.

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