

Intelligent lighting in its most beautiful form
theLeda P LED spotlights





Our new all-rounder

The premium droplet-shaped spotlight



Looks impressive at entrance areas, driveways, terraces and front doors. Ideal for anyone who wants to combine light with design: theLeda P – energy-efficient, automatic lighting for hotels, detached houses and commercial buildings.

Beauty and brains: theLeda P. The new premium LED spotlight from Theben supports a range of functions that is unrivalled at the current time. This makes it a true all-rounder on every wall – and it has something about it in terms of looks.

theLeda P is available with one or two light panels, in white and aluminium, with or without motion detector. But whichever version you choose, theLeda P will be sure to captivate you – with its pleasant, friendly light and, of course, its unique aura which provides an atmospheric backlit effect around the spotlight.

However, theLeda P wouldn't be a Theben product if the LED spotlight didn't bring functional and technical strengths along with its outstanding design. As well as its range of functions, its low power consumption in standby mode is particularly impressive here: energy efficiency class A+. Efficient, automatic outdoor lighting at its best.



Design is a question of style: theLeda P has style. Just like the other Theben presence and motion detectors – thePrema, theRonda, theLuxa, thePiccola and theMova – theLeda P with motion detector also features the characteristic Theben droplet-shaped design.

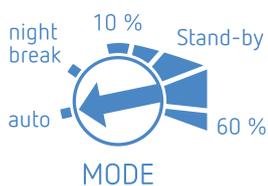


theLeda P

Always the right amount of light

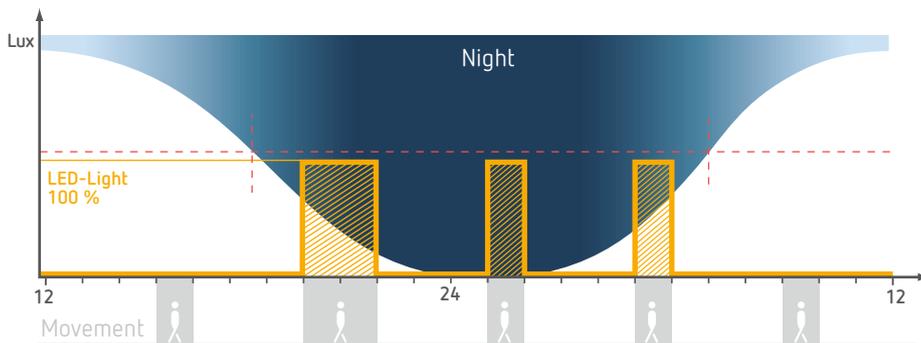
Sometimes we need light, sometimes we don't. Sometimes we need bright light, sometimes we need dimmed light. Sometimes we need light for a long time, sometimes we need light for a short time. Some of us like night switch-off, others prefer continuous illumination. The requirements to be met by light are as wide and varied as the people who use it. Whatever you want, it's always just a question of the setting with theLeda P. After all, this LED spotlight adjusts to you.

Mode – time – lux: when should the light go on? How long should it be on for? And how bright should it be? With theLeda P, you can control these in three steps. Automatic outdoor lighting couldn't be easier.



theLeda P registers movement

Provided that you opted for theLeda P with motion detector, of course. Then the light comes on exactly when it is needed and switches off again automatically after the selected time delay has expired. The motion detection functions both with and without the brightness measurement. In other words, theLeda P even lights up during the day in this case. This is useful in places with fundamentally difficult light conditions, such as basement entrances, multistorey car parks or backyards.

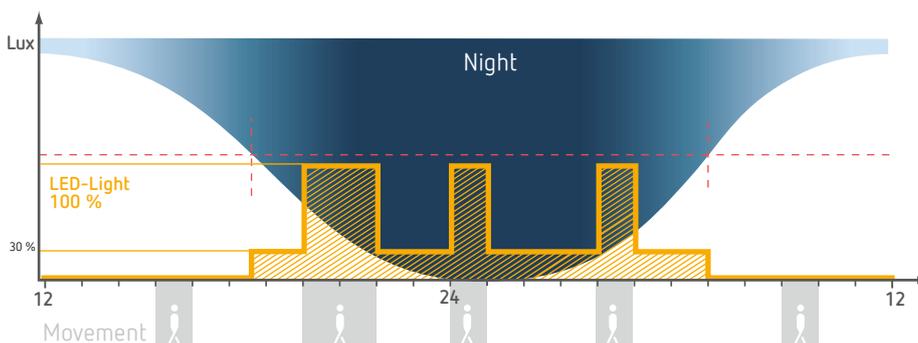


Motion Function

theLeda P with motion detector registers every movement in the entrance area and switches the light on automatically – regardless of whether it's during the day, at night or at twilight.

theLeda P is ideal for orientation

And therefore increases safety. Examples include in hotel garages and car parks, in residential homes and care homes for the elderly, or even in multistorey car parks. The orientation light in theLeda P delivers a defined basic brightness of between 10 % and 60 % of full power to provide dimmed lighting along pathways and access routes as well as through entrances once night starts to fall. When theLeda P registers movement, the LED spotlight will light up at full power (100 %) before returning to the dimmed brightness setting once the preset time delay has elapsed.



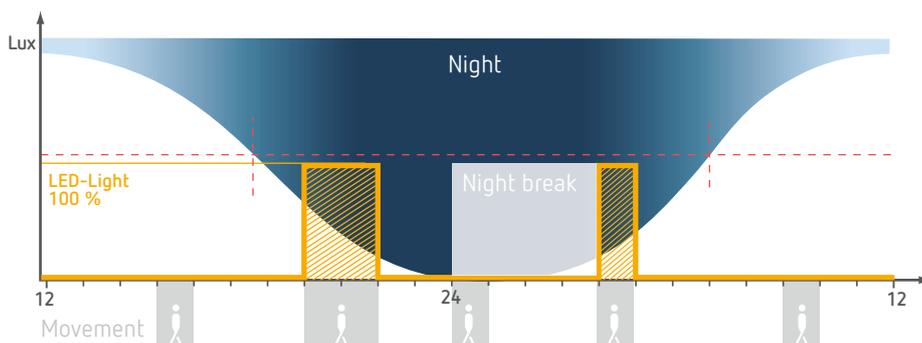
Orientation light

The defined brightness of theLeda P is purely a matter of a setting. Whether you set the light to 30 % for pleasant dimming, have the light on permanently or just switch it on at night is entirely up to you.



theLeda P learns when to switch off at night

Night is when people sleep. theLeda P takes this into account. This is always useful if the LED spotlight is located near bedrooms, for example. It is generally possible to use the night switch-off function over a defined period during the night. Thanks to the self-learning night switch-off, theLeda P itself is able to register when light is not required or is not wanted and can therefore be foregone. As such, theLeda P is able to make an efficient contribution to saving energy and reducing light pollution.

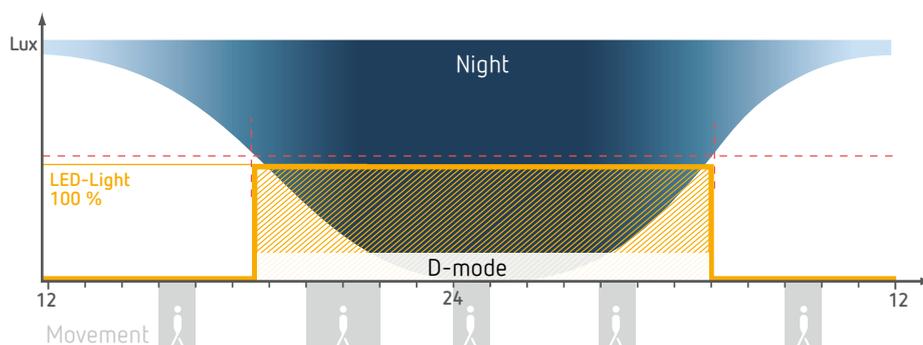


Whether you use the motion function, the twilight switch or the orientation light, there are times when you don't need any light at all: theLeda P learns when light is not required itself – and then the light simply stays off.



theLeda P lights up at twilight

When the sun goes down, theLeda P springs into life. The dimming function of our LED spotlight ensures that the light goes on as soon as the brightness falls below a certain value – regardless of whether theLeda P has registered a movement or not.



D Dimming function

theLeda P comes on when dusk starts to fall and stays on through the night at the defined brightness setting, which might be 100 % or even just 30 % – that's for the user to decide.

Easier to use and install

Just like with all of our other presence and motion detectors, we have equipped theLeda P with everything needed to make installation and operation uncomplicated. So you can simply attach our LED spotlight to the wall. Or, depending on the version, in corners if you want to capture two wall areas at the same time.



Spacious socket

Time is money. With theLeda P, you save both. The LED spotlight has a socket with a large terminal area. This makes assembly quick and easy. Simply screw the socket to the wall, connect the wires and insert the spotlight. And that's it done.



All weathers

theLeda P is rainproof in accordance with protection class IP 55. The LED spotlight can be installed anywhere outdoors, no matter how weatherproof the installation location is.



Clever teach-in-function

For the light of your choice, you don't need specialist knowledge, just a quick helping hand. With the teach-in function, the current lux value is saved quicker than the lighting conditions change.



Correct distance

Spacer frames are always included in the scope of supply. They make installation easier in situations which require more room for laying cables.



Practical test function

The test function helps you to establish, set and optimise the detection area directly after installation. Even in daylight and sunshine.



Simple area restriction

The detection area can be individually restricted with practical cover clips. This means you can reduce unwanted activation of the detector due to movements next door or on the pavement.



Simple setting

Underneath the cover plate, well-protected from all weather conditions, you can find the potentiometer, which you can set directly on the detector using a screwdriver or via theSenda P.



Easy-to-use remote control

With theSenda remote control, settings can be easily made and changed from the ground. This is faster, shortens the installation time and lowers costs. And, what's more, it's safer.



Pretty sensitive

The PIR sensors respond to movement in whichever way you want: whether you set them to be sensitive or not, they are always aligned to the individual requirements of the users.



(left) theSenda P service remote control
(right) theSenda S user remote control

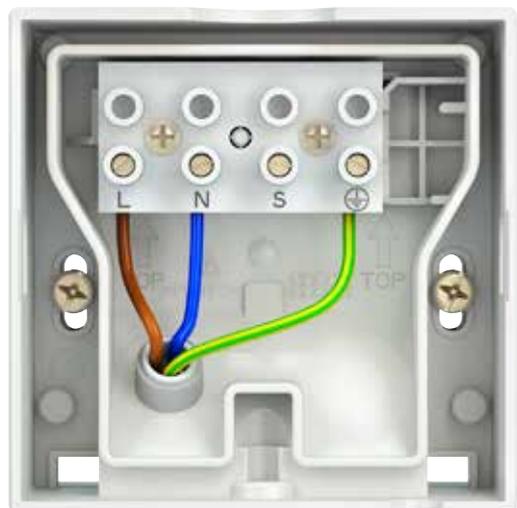


Master/Master switching

Intelligent parallel switching of two or more units enables you to enlarge the detection area according to your wishes and requirements.

Highly visible terminal labelling

The terminal labelling is highly visible, right above the connection. This way, it cannot be hidden by cables. This is not only clear and obvious, but also safe.



Looks good and saves energy too

It is the slight surges at the horizontal outer edges that lend the light panels of theLeda P their characteristic style and very special aura. This is bound to be a hit with anyone who sees light as more than just a function and wants to really make a mark with lighting design. As well as looking great, theLeda P is also pretty efficient, as is evident in its energy efficiency class A+.





Rotating and swivelling LED panels

You can rotate and swivel it as you wish – depending on the model and version, theLeda P simply provides more options for setting beautiful lighting effects, to emphasise architectural features or to light up two wall areas at the same time, for example.



Bright, glare-free light

A luminous flux of 900 lumen and a colour temperature of 4000 kelvin ensure a high light output. Furthermore, 88 LEDs per panel and a high-tech diffuser stop this pleasantly consistent light field from blinding anyone. And all this at a luminance of 30,000 to 34,000 nits.



Illuminated house number

Good when you need to find the right address in the dark. With theLeda P, house number lighting is no problem. This pleases the paper boys – and the authorities as, in many states, house number lighting is mandatory.



Manual switch on

theLeda P with motion detector can also be switched on manually. This is practical, for example, if you hear a noise that may have been made outside the detection area. And this gives you a reassuring feeling of security.



Suitable for flush-mounted boxes

Did you know that if sockets already exist, there is no need to drill new holes for theLeda P. The spotlight can be fixed to a flush-mounted box (60 mm). Simply screw it on and it's ready.



Convenient creep-under protection

theLeda P features practical creep-under protection, which also captures the areas directly under and even slightly behind itself. This means that the light comes on when it is needed – and not when you have already stumbled about.



Sustainably energy-efficient

With regard to saving energy, theLeda P is ahead of the pack: with a maximum consumption of 0.4 W in standby, the LED spotlight is extremely energy efficient.

SUMMARY

theLeda P always puts things in just the right light

theLeda P is probably the most intelligent LED spotlight on the market. What's crucial is that with theLeda P you can almost combine all of the functions it supports to meet your requirements. The motion detector can be combined with the orientation light and the night switch-off, for example, just as easily as the orientation light and the dimming function can be combined with the self-learning night switch-off. theLeda P will never leave you in the dark – unless you have programmed the LED spotlight to do so yourself.

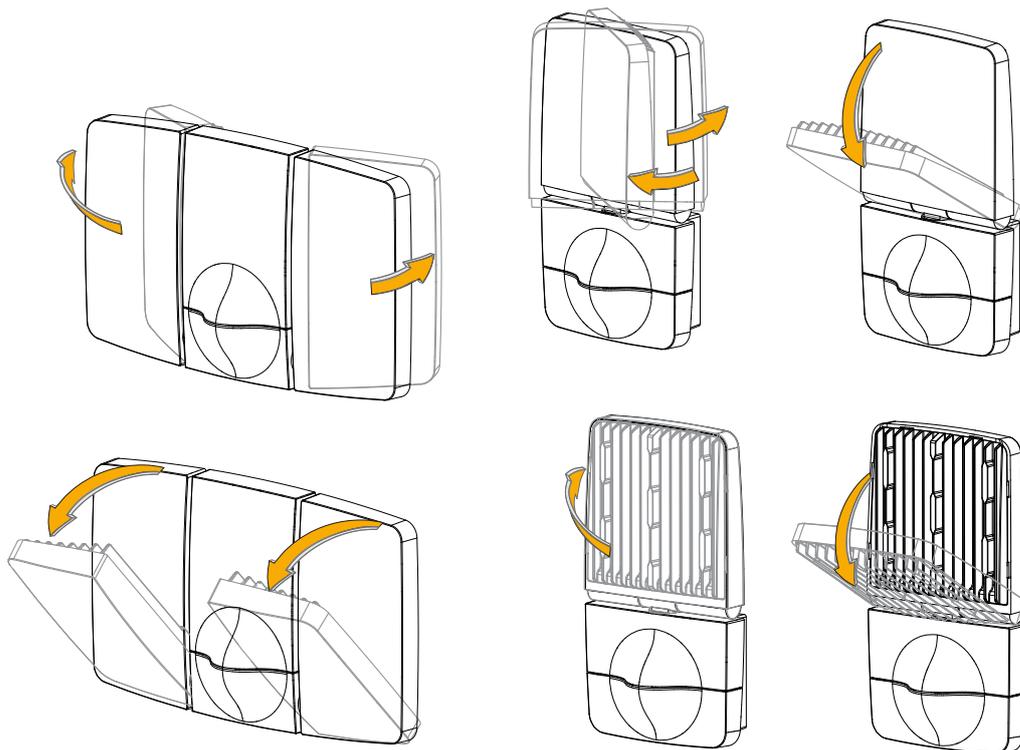
Bright aura

The special radiance of theLeda P

The special design of the LED panel enables light to be emitted laterally, so that the area close to the wall is illuminated. The result is a much friendlier impression compared to conventional directional spotlights.

theLeda P12 (right)

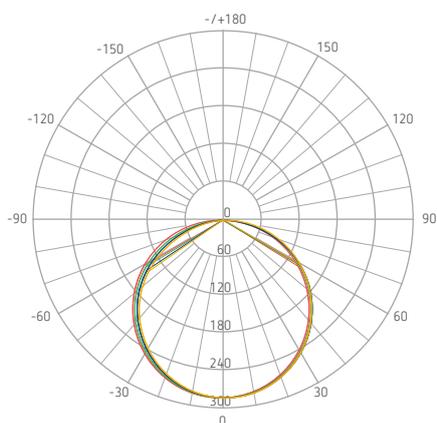
Pretty manoeuvrable: theLeda P12 can always move 35° to the left or right and 60° to the front. The rotation of the light panel through 180° (prior to installation) in relation to the wall of the building is ideal for illuminating the facade.



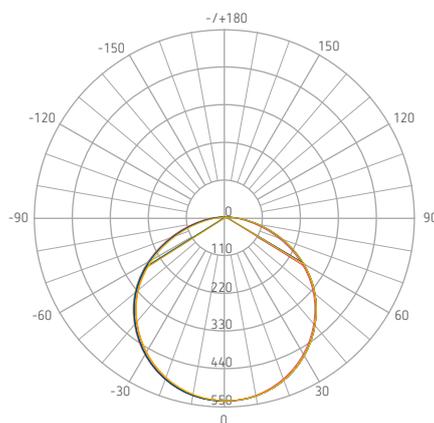
theLeda P24 (left)

Ideal for illumination and light accents: theLeda P24 can be swivelled by 60° to the front and, depending on type of installation, by 22° to 35° to the back.

Light distribution curves



theLeda P12
 — C0/180
 — C30/210
 — C60/240
 — C90/270



theLeda P24
 — C0/180
 — C30/210
 — C60/240
 — C90/270



Everything at a glance

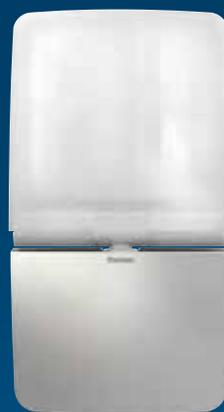
The theLeda P range



theLeda P12 AL



theLeda P12 WH



theLeda P12L AL



theLeda P12L WH

Technical data

	theLeda P12	theLeda P24
Operating voltage	230 V AC \pm 10%	
Frequency	50–60 Hz	
Consumption with light on	11 W	20 W
Standby output	max. 0.4 W	
LED output (luminous flux)	900 lm	900 lm x 2
Protection rating	IP 55	
Protection class	II in accordance with EN 60598-2-1	
Operating temperature	–25 °C to +45 °C	
Brightness setting range	5–800 lx	
Duty cycle range	10 s–20 mins	
Detection angle	180°	
Detection area, lateral/frontal	max. 12 m/max. 5 m	
Installation height	1.8 m–2.5 m	
Energy efficiency class	A+	

Item numbers

With motion detector	
theLeda P12 WH	Article number 1020941
theLeda P12 AL	Article number 1020942
theLeda P24 WH	Article number 1020943
theLeda P24 AL	Article number 1020944

Without motion detector	
theLeda P12L WH	Article number 1020741
theLeda P12L AL	Article number 1020742
theLeda P24L WH	Article number 1020743
theLeda P24L AL	Article number 1020744



theLeda P24 WH



theLeda P24L WH

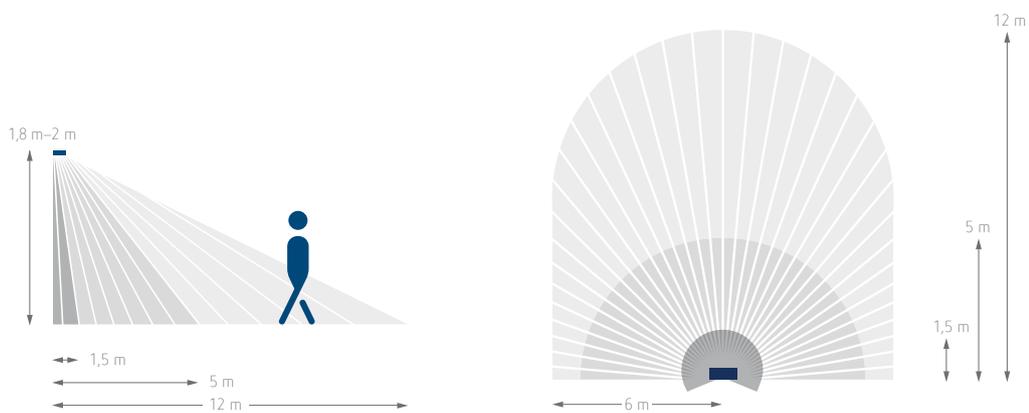


theLeda P24 AL

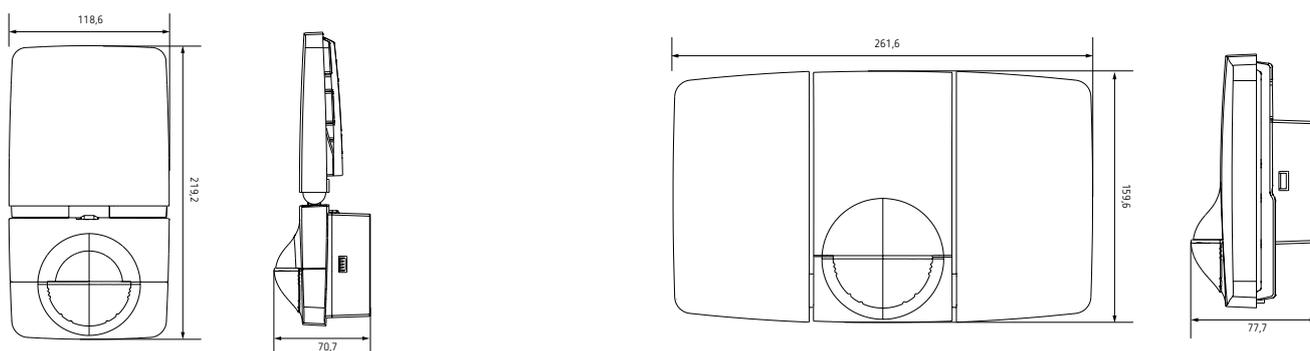


theLeda P24L AL

Detection area



Scale drawing



Intelligent accessories

Accessories to cover all applications

theLeda P is a premium LED spotlight, which offers an extremely comprehensive range of services and an unparalleled amount of functions housed within an aesthetically outstanding design. It stands out thanks to its excellent light output and unique aura effect. A total of eight versions of theLeda P are available: with one (P12) or two light panels (P24), without a motion detector (P12L/P24L) and in white or aluminium respectively.

theSenda P/S

The theSenda P for service and theSenda S for users remote controls are available as optional extras.

theSenda S	Article number 9070911
theSenda P	Article number 9070910



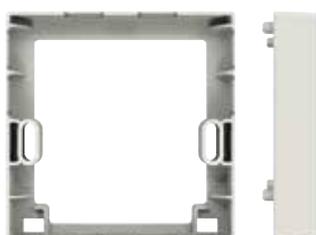
theSenda S



theSenda P

Spacer frames and corner brackets

Spacer frames make installation easier in situations which require more room for laying cables. They are also useful when inserting leads from the side, above or below. The corner bracket is included for corner installation in order to detect two wall areas.



theLeda P spacer frame
(included in the scope of supply for all models)



theLeda P corner bracket
(included in the scope of supply for theLeda P24)

theLeda P WH spacer frame	Article no. 9070971
theLeda P AL spacer frame	Article no. 9070972
theLeda P WH corner bracket	Article no. 9070969
theLeda P AL corner bracket	Article no. 9070970



A powerful family theLuxa, theLeda and LUXA-LED



theLeda E

- LED floodlight with or without motion detector
- Available with 10 W, 20 W or 30 W
- Also available in black



LUXA-LED

- LED floodlight with or without motion detector
- With LEDs in daylight or warm white
- Available with 8 W, 16 W or 32 W
- Also available in black



theLeda P12

- LED floodlight with or without motion detector
- Orientation light, dimming function and self-calculating night switch-off
- Light output 900 lm (11 W)
- Also available in aluminium

Lighting by Theben
Powerful, energy-efficient,
more comprehensive



theLeda P24

- LED floodlight with or without motion detector
- Orientation light, dimming function and self-calculating night switch-off
- Light output 2x 900 lm (20 W)
- Also available in aluminium



theLuxe

- Detection range up to 16 m
- Suitable for switching LEDs
- theLuxe S360 and theLuxe P for wall and ceiling mounting
- Also available in black

theLeda P is part of a large family of LED spotlights and motion detectors for outdoor use: this includes theLuxe, theLeda E and LUXA-LED. Each one of these increases safety. With reliable light, you are never left standing in the dark. Inviting for everyone who is welcome. Discouraging for those who have no place in the detection area. Each of the products is easy to install, powerful in terms of functionality and reliable in use.

You can find more information about LED spotlights and motion detectors from Theben on our website at www.theleda.com/en

Theben is member of:



theben

Theben AG
Hohenbergstrasse 32
72401 Haigerloch | Germany
Phone +49 7474 692-0
Fax +49 7474 692-150
info@theben.de | www.theben.de/en

Service Hotline

hotline@theben.de
Phone +49 7474 692-369
Monday to Thursday 7.00 am to 6.00 pm
Fr 7.00 am to 4.00 pm

9900665 3616 Subject to technical changes and improvements.

