



R

Series R — The LED
Design Powerhouse

Auer Signal

Modular LED beacon series with optional sounder / Unique design language in two lens designs / Outstanding light intensity and highest performance level on the market / Two performance levels: Standard and high performance / Multi-functional, multi-colour and steady-light models / All familiar mounting methods / Metal bracket and new designer bracket / Easy wiring thanks to intelligent features



IP66



IK08



60°C
-30°C




EAC
(pend)

Power & Beauty

2

lens designs





The new R series from Auer Signal is not only the brightest LED light in its category, it also boasts an unbelievable range of functions and its simple series concept.

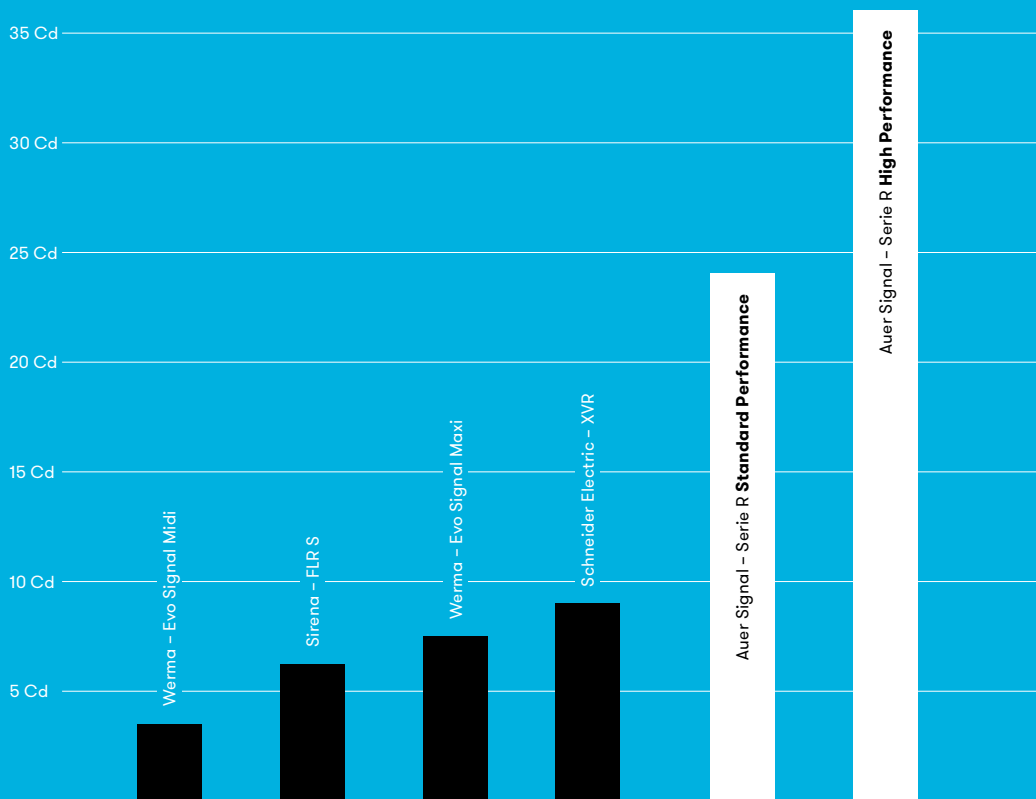
The R series has a diameter of 110 mm and, in the high-lens version, is designed for maximum lateral signal effect. The clarity of the lens makes the individual LED dots stand out, which enhances the signal effect as well as the ribbing on the inside. The R series is available in six colours with several functions and two performance classes.

The lens of the compact version of the R series is milky-white and provides a beautiful, homogeneous lighting pattern. If you are looking for a beacon for indoor use with an impressive, beautiful product design and functional diversity, the compact version of the R series is the right choice.

Made to perform

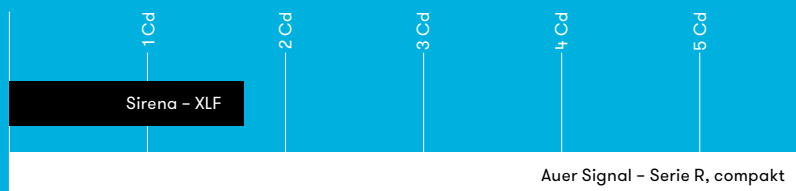
The brightest LED-Single Beacon in the Market

THE SERIES R IN COMPARISON *



Series R is 4-7 times brighter than comparable beacons

THE COMPACT SERIES R IN COMPARISON **



* All values are circumferentially averaged, lateral measurements of brightness using the steady-light function. The beacons had reached temperature stability before they were measured. The comparison is based on the colour red.

** All values are axial measurements of steady light. The beacons had reached temperature stability before they were measured. The comparison is based on the colour red from the multi-colour beacon.

The intelligent ribbing of the lens reinforces the already high luminosity of the R series.



2 in 1

2 performance levels with just 1 design

Before LED technology, signal beacons with a brightness of the R series had to be larger because of the heat generated in the lens. Some suppliers are still making beacons of different sizes today to give an indication of the luminosity.

The high energy efficiency of the LED technology allows us to take a new path and offer the R series in just one size but in two performance classes

Standard Performance

6 x 6
LEDS

High Performance

12 x 6
LEDS

In the high-performance version, the R series is the brightest signal beacon on the market and guarantees the highest level of safety through its very strong signal effect.

One Beacon all Functions

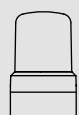
The R series is available as a steady-light model, multi-functional model and multi-colour model.

The compact R series is only available in a milky lens and standard performance as a multi-functional and multi-colour model



Multi-functional model

An all-rounder – the multi-functional module can display the functions steady light, strobe light, flashing light, rotating light as well as pulsating light.

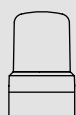


HIGH PERFORMANCE

12 x 6 LEDs

28 functions

The high-performance module is only available in the high-lens version



STANDARD

6 x 6 LEDs

28 functions

STANDARD

1 x 12/24 LEDs
(depends on colour)

6 functions

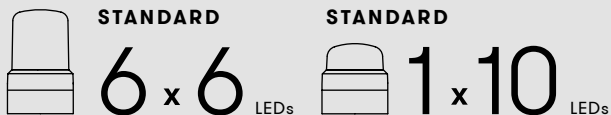
The functions are adjustable with a four-pole terminal. Seven different modes can be selected externally. With the DIP switch, four additional function groups can be selected, and a total of 28 different modes are available.

On both the standard and the high-performance model of the high lens, you can reduce the luminosity to **50% and 25%**.



Multi-colour model

In the LED multi-colour module, seven colours can be controlled externally: Red, yellow, green, blue, clear, magenta and turquoise.



The standard-performance multi-colour model is available for the high and compact lens.

Steady-light model

The LED steady-light module is the best choice for standard applications. Our standard steady light is only available from other suppliers as an expensive high-performance module.



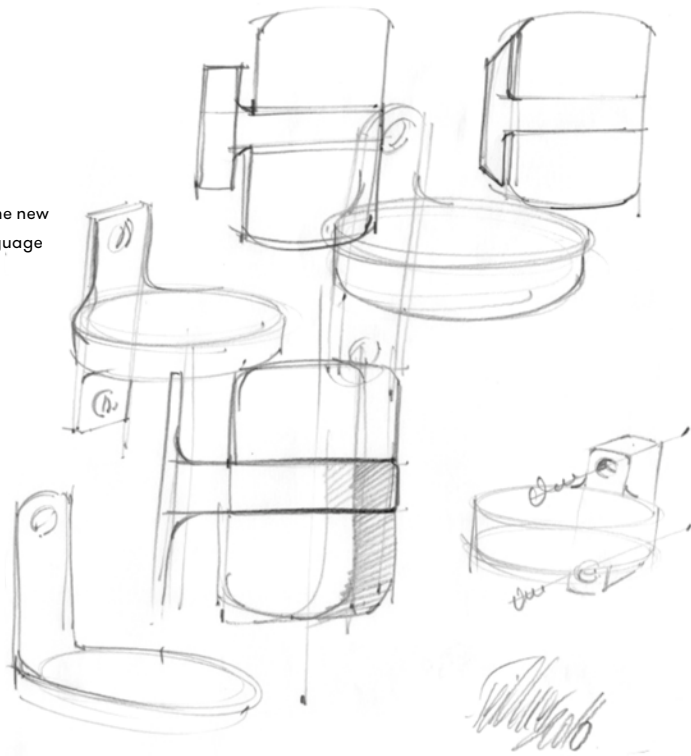
The Design Beacon



Designer models in the R series

As we feel that high standards are not only necessary in technical matters, we have also developed our own design language for our products.

Sketch of the new design language



For the highest standards in design and functionality.



The designer bracket can also be combined with the high-lens version of the R series.

In the R series, we have consistently implemented our specially created product design for the first time. Clear lines, maximum reduction and harmony characterise our design.

The coloured lenses of our products protrude from the base and are no longer screwed over the base. This way, we avoid unsightly edges and coloured rings over the mostly black base.

To match the new, attractively shaped beacons, we have made the matching designer bracket out of plastic. In this combination, the R series meets the highest aesthetic standards.

The Sound of Brightness



The audible base is compatible with both lens shapes. You can choose from 32 tones.

The audible base of the R series reaches max. 103 dB at a distance of one metre and is therefore well suited to large halls or outdoor use. The volume can be adjusted with a potentiometer.

32 TONES

UP TO **103 dB**



Interior view of
the audible base

The audible base is based on the transducer technology of the ASS-T multi-tone sounder, one of the most popular and effective sounders in our range.

The Aces of Bases

All versions of the R series are compatible with the three bases (universal, standard and audible). The bases differ in height and offer various mounting options. All bases are easy to mount horizontally. To prevent accidental opening, all bases are equipped with an anti-rotation device.



UNIVERSAL BASE

In addition to the cable entry grommet on the underside, the higher universal base also has two cable insertions on the sides so that cable glands can be mounted on all sides to cut the strain. This base is very low and makes horizontal mounting possible.

STANDARD BASE

This base is very low and so horizontal mounting is possible. With this base, the cables are inserted exclusively from below and can be used as strain relief by means of a grommet or cable gland.

Flexibility through Mounting Options



DESIGNER BRACKET

The designer bracket is what makes the design language fully effective. You can use this bracket with both lens shapes.

In addition to the designer bracket and the horizontal mounting directly on the base, there are also two metal brackets.



METAL BRACKET

The metal bracket designed for the R series is compatible with all bases. There is a separate metal bracket for the audible base, which is slightly larger.

With a three-hole pattern, the brackets allow easy and stable mounting. The bracket can be mounted facing upwards or downwards.

UNIVERSAL BASE WITH TUBE MOUNTING

With the universal base, R beacons can also be mounted on Ø 25mm tubes. An additional model of the universal base allows the mounting of R beacons with NPT conduit tubes.

Easier cabling thanks to terminal holder

For simpler cabling of the R series, our technicians have equipped the base of the R series with a terminal holder. Here the terminal can be connected before wiring, leaving both hands free for wiring.



View of terminal holder

The small but important differences of the R series



View of terminal holder with terminal inserted



Flat gasket to protect your machine

In order that you can also mount the R series on switch cabinets or machines without water getting into the interior during installation, there is a special flat gasket for mounting on smooth surfaces.

Order numbers

Light modules

| Type | 12 V DC | 24 V AC/DC | 48 V AC/DC | 24-48 V AC/DC | 110-240 V AC | Specification | Product name |
|-------|------------|------------|------------|---------------|--------------|---------------|--|
| RDC | 850501004 | 850501405 | 850501408 | | 850501313 | amber | LED steady beacon |
| | 850502004 | 850502405 | 850502408 | | 850502313 | red | |
| | 850504004 | 850504405 | 850504408 | | 850504313 | clear | |
| | 850505004 | 850505405 | 850505408 | | 850505313 | blue | |
| | 850506004 | 850506405 | 850506408 | | 850506313 | green | |
| | 850507004 | 850507405 | 850507408 | | 850507313 | yellow | |
| RDM | 850511004 | 850511405 | 850511408 | | 850511313 | amber | LED multi-functional beacon |
| | 850512004 | 850512405 | 850512408 | | 850512313 | red | |
| | 850514004 | 850514405 | 850514408 | | 850514313 | clear | |
| | 850515004 | 850515405 | 850515408 | | 850515313 | blue | |
| | 850516004 | 850516405 | 850516408 | | 850516313 | green | |
| | 850517004 | 850517405 | 850517408 | | 850517313 | yellow | |
| RDMHP | 850521004 | 850521405 | 850521408 | | 850521313 | amber | LED high-performance multi-functional beacon |
| | 850522004 | 850522405 | 850522408 | | 850522313 | red | |
| | 850524004 | 850524405 | 850524408 | | 850524313 | clear | |
| | 850525004 | 850525405 | 850525408 | | 850525313 | blue | |
| | 850526004 | 850526405 | 850526408 | | 850526313 | green | |
| | 850527004 | 850527405 | 850527408 | | 850527313 | yellow | |
| RMM | 850530004* | | | 850530408 | 850530313 | | LED multi-colour beacon |
| RCDM | 850561004* | | | 850561408 | 850561313 | amber | Compact LED multi-functional beacon |
| | 850562004* | | | 850562408 | 850562313 | red | |
| | 850564004* | | | 850564408 | 850564313 | clear | |
| | 850565004* | | | 850565408 | 850565313 | blue | |
| | 850566004* | | | 850566408 | 850566313 | green | |
| | 850567004* | | | 850567408 | 850567313 | yellow | |
| RCMM | 850570004* | | | 850570408 | 850570313 | | Compact LED multi-colour beacon |

Bases

| Type | Article number | 24-48 V AC/DC | 110-240 V AC | Product name |
|-------|----------------|---------------|--------------|---|
| RBA | | 850535408* | 850535313* | Audible base for R series beacons |
| RBL | 850500900 | | | Standard base for horizontal mounting of R series beacons |
| RBH | 850510900 | | | Universal base for horizontal and tube mounting of R series beacons |
| RBNPT | 850515900 | | | Universal base for NPT 1/2" conduit mounting of R Series beacons |

Bracket

| Type | Article number | Product name |
|------|----------------|---|
| RWD | 850520900 | Designer bracket for vertical mounting of R series beacons with standard base |
| RWU | 850521900 | Metal bracket for vertical mounting of standard and universal bases of R series beacons |
| RWA | 850531900 | Metal bracket for vertical mounting of R series audible bases |

Accessories

| Type | Article number | Product name |
|------|----------------|---|
| RG1 | 850590900 | Flat gasket for R series bases for sealing onto smooth housings |
| RG2 | 850590910 | Flat gasket for mounting the RWD designer bracket on walls |
| AKV | 698800026 | Cable gland M20 for N/M/R series, CT5, multi-tone sirens A and/or Q beacons |
| RKV | 850590920 | Cable gland M16 for R series bases |

*currently not available

7 good reasons to choose Auer Signal

1 We manufacture our products ourselves and in industrial quality.

2 Our products are only of the highest quality.

3 Products for all uses: From high-end products to best value.

4 We design and create tailor-made signalling equipment.

5 Can be used worldwide: Our signalling equipment meets all industry standards.

6 We keep our promises

7 We always deliver on time.

Auer Signal is one of the world's leading manufacturers of signalling equipment

We are constantly working on new product developments. We have been inspiring our customers with innovation, long-sightedness and consistent quality since 1910. And in order that this stays the case, our motto is like our signal devices: louder & brighter.

Since 1910, we have
been driven by the will to
develop technical devices
that keep getting better.

Auer Signal is a fourth generation, owner-managed company with great ambitions. Trust, consistent and reliable quality are important to us as a family company.



Louder & Brighter since 1910.

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