



R

R Series — The LED
Design Powerhouse

Auer Signal

Modular LED beacon series with optional sounder /
Unique design language in two lens designs / Worldwide the
most powerful signaling beacon / Three performance levels:
standard, high and ultra performance / Multi-functional,
multi-color and steady-light models / All familiar mounting
methods / Metal bracket and design bracket / Easy wiring
thanks to intelligent features



IP66



IK08



60°C
-30°C



2

lens designs





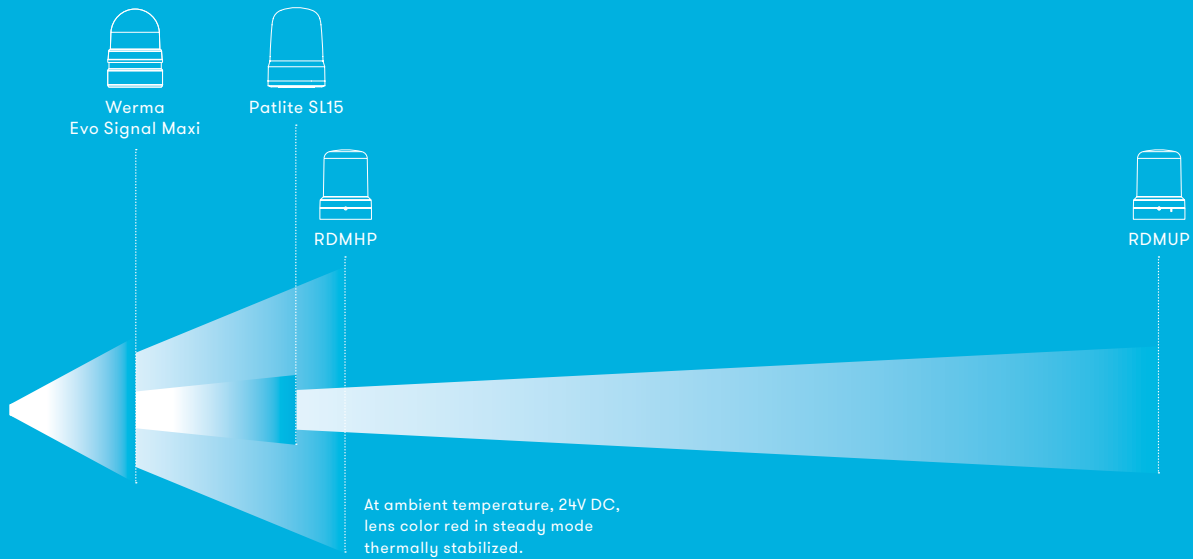
The R Series from Auer Signal is the worldwide most powerful industrial LED beacon made to succeed against bright, direct sunlight. Its simple series concept boasts an unbelievable range of functions.

The R Series has a diameter of 110 mm and, in the high-lens version, is designed for maximum signal effect. The R Series is available in six colors with several functions and three 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

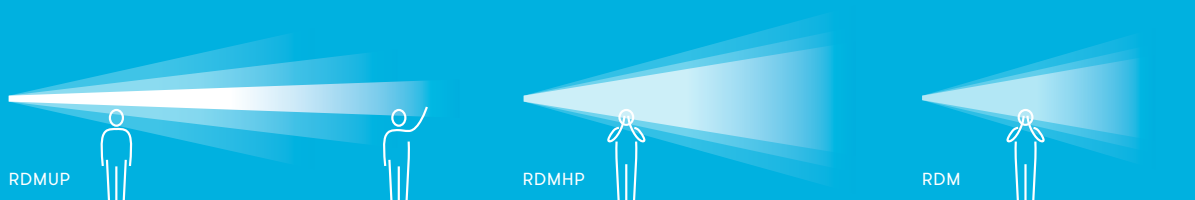
Worldwide the most powerful industrial LED signal beacon



With the introduction of the RDM Ultra Performance we complete our successful beacon series (R Series) with its most radical representative. 2x brighter than any other beacon on the signaling market, the RDMUP steps up to compete with the sun.

At short distance below and above the beacon, staff is protected from glare by an advanced LED focusing method.

In the middle beam angle, the brightness is 100%. At 20° from the horizontal, the brightness is reduced to a maximum of 10%.



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



3 in 1

3 performance levels
with just 1 design

In the past, the performance of a signaling beacon was often influenced by the size of the lens. Some producers still offer different performance classes based on the size the housing.

Sophisticated lens design, high quality engineering and LED technology of the R Series allow us to offer different performance classes in the same design and size.

UP TO

111 CANDELA



RDM

Multifunction Beacon

UP TO

184 CANDELA



RDMHP

Multifunction Beacon High Performance

UP TO

450 CANDELA



RDMUP

Multifunction Beacon Ultra Performance

The latest addition to the R Series lineup, the RDMUP is the brightest single beacon on the market. 2x-4x brighter than the RDMHP it steps up to compete with the sun and is optimal for outdoor wide distance signaling applications.

One Beacon all Functions

The R Series is available as a steady-light model, multi-functional model and multi-color model. The compact R Series comes in one size with a milky-white lens which provides a beautiful, homogeneous lighting pattern. This is now complemented by a white housing color which makes the beacon disappear when not activated.




Switch modes,
change colors

RCMM unites
multicolor
& multifunction

If you are looking for a minimalistic beacon for architectural / pharmaceutical / chemical / indoor use with an impressive, beautiful product design and functional diversity, the compact version of the R Series is the right choice.

The RCMM multicolor beacon is offered in both black and white housing colors, featuring a multifunctional upgrade.

		
RCMM Multicolor & Multifunction Beacon	✓	✓
RCDM Multifunction Beacon	✓	

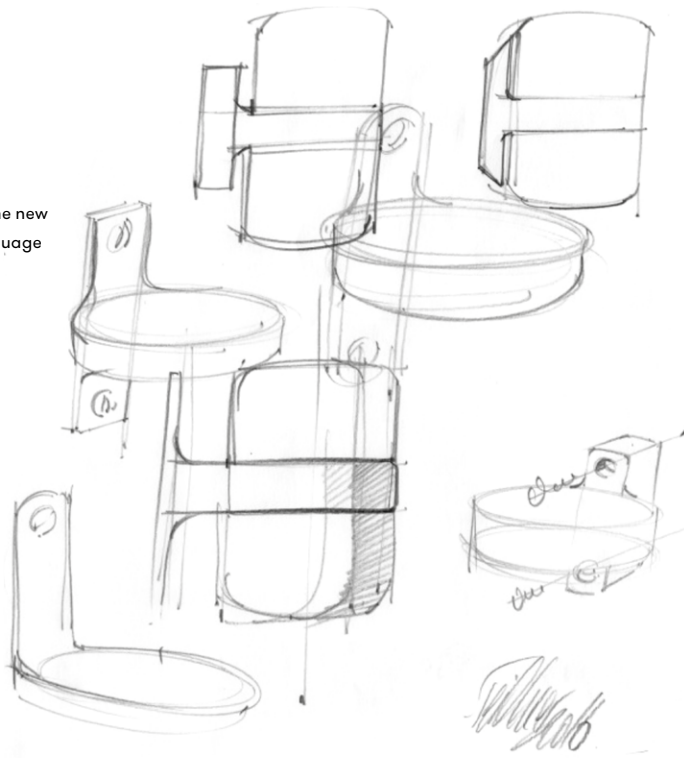
The Design Beacon



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.



Design bracket for wall
mounting of R Series beacons
with RBL standard base.

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

The colored 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 or white base.

To match the 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. 95 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 **95 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 available bases. The bases differ in height and offer various mounting options. 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.



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



DESIGN BRACKET

The design bracket is what makes the design language fully effective.

In addition to the design bracket and the horizontal mounting directly on the base, vertical mounting with a bracket and external tube mounting are possible mounting options.



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.

The small but important differences of the R Series



View of terminal holder



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	orange	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	orange	LED multifunction 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	orange	LED multifunction beacon High Performance
	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	
RDMUP	850541004	850541405	850541408		850541313	orange	LED multifunction beacon Ultra Performance
	850542004	850542405	850542408		850542313	red	
	850544004	850544405	850544408		850544313	clear	
	850545004	850545405	850545408		850545313	blue	
	850546004	850546405	850546408		850546313	green	
	850547004	850547405	850547408		850547313	yellow	
RMM				850530408	850530313		LED multi-colour beacon
RCDM				850561408	850561313	orange	Compact LED multifunction beacon
				850562408	850562313	red	
				850564408	850564313	clear	
				850565408	850565313	blue	
				850566408	850566313	green	
				850567408	850567313	yellow	
RCMM				850570408	850570313		Compact LED multi color beacon black housing
				850870408	850870313		Compact LED multi color beacon white housing

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, black
	850800900			Standard base for horizontal mounting of R Series beacons, white
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 design 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

7 good reasons to choose Auer Signal

1 Inhouse competence: We develop and manufacture all products in-house.

2 Every product we create is of exceptional quality.

3 Products for every application: Ranging from the premium to the value segment.

4 We develop and produce tailor-made signaling devices.

5 Worldwide use: Our signaling equipment complies with all industry standards.

6 We keep our promises and grow sustainably since 1910.

7 We deliver.

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.

HEADQUARTERS

Auer Signal GmbH

Perfektastrasse 102

1230 Vienna, Austria

T +43 1 813 82 20

F +43 1 815 99 51

office@auersignal.com

www.auersignal.com