



R-LED[®]

LED emergency luminaires

LED emergency luminaires for safe escape routes

- for emergency and mains power operation
- in accordance with EN 1838 and ISO 3864-1
- with variable LED optics
- for easy installation



R-LED® omega

DIN EN 60598-2-22
 DIN EN 1838
 DIN 4844-1/ISO 3864-1

DIN EN 50172 (VDE 0108-100)
 E DIN VDE 0108-100
 DIN EN 62034

R-LED® omega escape sign luminaires comply with all requirements of DIN EN 60598-2-22, including the stringent requirements for lighting of escape route signs in accordance with DIN 4844-1/ISO 3864-1 – luminance of white contrast colour $\geq 500 \text{ d/m}^2$.

Optimal LED operation for maximum life cycle – LED* guaranteed for five years.

The different enclosure sizes, together with ISO-compliant illumination of the escape sign, enables viewing distances of up to 30m. The luminaires are made of aluminium profile with mounting adapters for easy installation and maintenance. The luminaires are manufactured for wall, ceiling, chain, pendant and wall-bracket mounting. They are optionally available with additional light emission below (LU) for illumination of the escape route. The luminaires are available for use with central battery systems or as self-contained luminaires. Self-contained luminaires without central monitoring feature an autonomous selftest and test button (R-Test) as standard equipment.

In the luminaires of the R-LED® series, actual LED monitoring is achieved by a system-dependent LED operating device in combination with the necessary electronic monitoring circuitry.

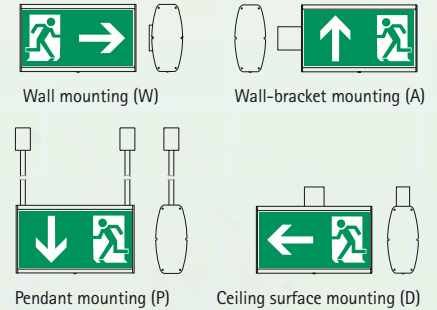
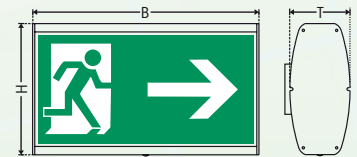


Technical data

Enclosure	Aluminium profile, standard colour: anodized aluminium, special colours on request
Symbol panel	PMMA
Supply voltage	230V AC/DC 24V DC
Protection type	IP 40
Protection class	I
Illuminant	2x3W LED – operated with 1.2W at 20m viewing distance and 1.9W at 30m viewing distance
Monitoring	

Options

Prepared for wall, ceiling, chain, pendant and wall-bracket mounting
Special symbols on request
Optional light emission below (LU)
<ul style="list-style-type: none"> Central battery: individual luminaire monitoring with address module RÜB Self-contained: Autonomous self-test and test button (R-Test) are standard, central monitoring with R-Control (optional)



Ordering information

omega	Emergency power	Viewing distance	Colour	Mounting type ¹⁾	Illuminant	Monitoring	Optional	Symbol
OM 01	Z=Central power supply	20=20 m 30=30 m	X=Anodized aluminium Z=White Y=Special (RAL)	W=Wall D"...="= Ceiling K"...="= Chain P"...="= Pendant 50 cm A"...="= Wall bracket	L=LED	N=without 6=RÜB 06 8=RÜB 08	LU=Light emission below	U=Universal 16=Special
OM 02	E=Self-contained					S=R-Test C=R-Control		
OM 03	V=24V DC					V		

1) "... for one-sided illumination enter "1", for two-sided illumination enter "2"

Example

OM 01	Z	30	X	D2	L	N	-	U
omega/central battery/viewing distance 30 m/anodized aluminium/ceiling mounting, two-sided illumination/lamps 2 LEDs à 1.9W/without monitoring/standard escape sign included								

* when used as intended

Dimensions

	H x W x D mm
Viewing distance 20m	133 x 216 x 78
Viewing distance 30m	183 x 316 x 84



DIN EN 50172 (VDE 0108-100)
E DIN VDE 0108-100
DIN EN 62034

DIN EN 60598-2-22
DIN EN 1838
DIN 4844-1 / ISO 3864-1

R-LED® sigma

R-LED® sigma classic edge-lighted display luminaires with innovative LED light technology comply with all requirements of DIN EN 60598-2-22 – for lighting of escape route signs in accordance with the stringent requirements of DIN 4844-1/ ISO 3864-1 – luminance of white contrast colour $\geq 500 \text{ cd/m}^2$.

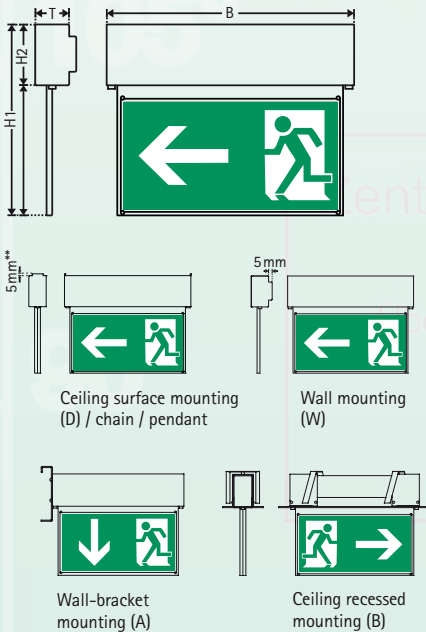
Optimal LED operation for maximum life cycle – LED* lamp guaranteed for five years.

The different display sizes, together with ISO-compliant illumination of the escape sign, enables viewing distances of up to 30 m. The design of the the edge-lighted display

features a bright, laser-cut and CNC-milled display sign made of a special light-guiding PMMA (polymethylmethacrylate) material.

Available for wall, ceiling, pendant, chain, wall bracket and recessed mounting, for use with central battery systems or self-contained luminaires. Self-contained luminaires without central monitoring feature an autonomous self-test and test button (R-Test) as standard equipment.

In the luminaires of the R-LED® series, actual LED monitoring is achieved by a system-dependent LED operating device in combination with the necessary electronic monitoring circuitry.



Technical data

Enclosure	Sheet steel coated, standard colour: white, special colours on request
Symbol panel	PMMA (polymethylmethacrylate)
Supply voltage	230 V AC/DC 24V DC
Protection type	IP 40
Protection class	I
Illuminant	2 x 3 W LED – operated with 1.2 W at 20 m viewing distance 4 x 3 W LED – operated with 1.2 W at 30 m viewing distance
Monitoring	

Options

Prepared for wall, ceiling, chain, pendant and wall-bracket mounting
Special symbols on request
Central battery: individual luminaire monitoring with address module RÜB
Self-contained: Autonomous self-test and test button (R-Test) are standard, central monitoring with R-Control (optional)

Dimensions

	H1/H2 x W x D mm
Viewing distance 20 m	220/86 x 250 x 48
Viewing distance 30 m	270/86 x 350 x 48
Mounting type ceiling recessed mounting	Recess W x D mm
Viewing distance 20 m	260 x 70
Viewing distance 30 m	360 x 70

Ordering information

sigma	Emergency power	Viewing distance	Colour	Mounting type ¹⁾	Illuminant	Monitoring	Symbol	
SI 03	Z= Central power supply	20 = 20 m 30 = 30 m	X=Anodized aluminium Z=White Y= Special (RAL)	W= Wall D"...="= Ceiling K"...="= Chain P"...="= Pendant 50 cm A"...="= Wall bracket B"...="= Recessed	L= LED	N= without 6= RÜB 06 8= RÜB 08	U= Universal 16= Special	
SI 04	E= Self-contained							S= R-Test C= R-Control
SI 05	V= 24V DC							V

1) "...=" for one-sided illumination enter "1", for two-sided illumination enter "2"

Example

SI 03	Z	30	Z	P1	L	6	U
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sigma/central battery/viewing distance 30 m/colour white/pendant mounting, one-sided illumination/lamps 4 LEDs à 1.2 W/central monitoring for RUSIC® 06/standard escape sign included

* when used as intended
** only for ceiling surface mounting



Binding Posts

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