TERA

TERA

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TERA

TERA bears the outstanding hallmarks of designers Hannes Wettstein and Simon Husslein. The high quality lighting technology and the use of stamped and bent aluminium sheet with milled aluminium profiles, both chemically matted and natural anodised, meets the high demands of this light.

Design for high standards

TERA suspension luminaire is especially elegant with its timeless design and use of high-quality materials. All visible aluminium parts are chemically matted and natural anodised. The microprism offers high-quality, optimal glare control (Fig. 1).

Remarkable Efficiency

The newest LED technology paired with a well thought-out construction result in remarkable efficiency values. The TERA suspension luminaire reaches a maximum of 122 lm/W and therefore establishes itself as an excellent solution for modern buildings as well as an attractive designer light.

Sensonic Basic – Fully automatic operation

Along with the On/Off and DALI versions, we offer a light with a daylight-regulated control system (Sensonic Basic), which you to save additional energy (Fig. 2).

In the version with Sensonic Basic controller, the direct and indirect area is regulated by a daylight sensor and presence detector. Sensonic Basic is set up by default with appropriate parameters for a standard office environment, ideal for fully automatic use. In order to simplify the set-up of a larger number of lights, an automated process has been implemented.

By pressing and holding the sensor's button, the process is started and runs completely automatically (measuring daylight and changing the settings accordingly).

Abb. 1

Sensonic Basic can be also controlled remotely from the work place by an infra-red interface receiver into the sensor. For the user, there is a simple and functional remote control available, which enables the brightness to be regulated and also stored light situations to be recalled.

Wide variety – the individual lights

The TERA is available as individual lights in the On/Off, dimmable DALI and with Sensonic Basic versions as well with light colours 3000K and 4000K. For the DALI activation, there is a difference between the joint or separated regulation of indirect and direct light parts. With this, we are offering the possibility to treat specific situations differently, and for example to completely switch off the direct part, while the indirect light provides for the desired lighting and atmosphere.

Upon request, the DALI lights can be can also be equipped with a property-specific DALI sensor.

Customers also have the chance to determine certain components for individual lights themselves. With the combinable suspended luminaire set (p. 13), you can actually freely choose the combination between lights, canopies and the power cables.

Abb. 2

Side by side mounting

By using a connection piece, the TERA can also be mounted side by side. Based on our ecological way of thinking and in order to guarantee a simplified installation, the side-by-side mounting range is made up of both "start luminaire", "central luminaire" and "end luminaire". These lights are prepared in a way that allows the side-by-side mounting to be carried out quickly and smoothly on site.
A variety of possibilities are also available for this: Whether it is simply switchable or dimmable by using DALI Signa. With paired or separated light sections. Also available with the Sensonic Basic controller on request.

Colour anodising

It is also possible to anodise the TERA in a specific colour. This allows the light's appearance to be adapted to fit the architecture or the relevant company's presence. The light is an absolutely unique product.

TERA Portfolio

CallPoint AG, Baden

Sales Partner: Neuco AG, Zurich
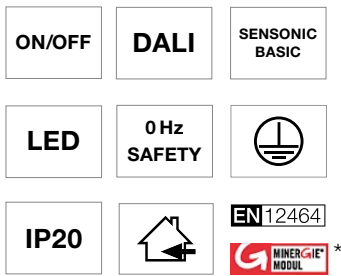Photography: Roger Frei, Zurich

Roche Pharmaceuticals Limited, Shanghai, China

Lighting concept: Alteme Licht AG, Aarau
Photography: Fengfang Lu, Shanghai

TERA Suspended Luminaire

Ready-to-fit suspended luminaire

ON/OFF	DALI	SENSONIC BASIC
LED	0 Hz SAFETY	⏚
IP20	🏠	EN 12464 MINERGIE MODUL *

· **Incl. suspension, square canopy and transparent power cable**

· Single light

· Light output 2 x direct and 2 x indirect

Light housing extruded aluminium with front side made of shape milled solid aluminium. Chemically matted and natural anodised. Bent steel plate support frame and white powder coated for the optimum efficiency.

PMMA microprism inlays for high-quality glare control. With diffuser film for optimum homogeneity.

Halogen-free internal wiring. Stainless steel suspension with nickel-plated cable holders and high quality ceiling canopy. Power cable 5x0.75 mm^2 (Dali / Sensonic) or 3x0.75 mm^2 (On/Off), lenght 3000 mm.

Synchronous lighting control
Joint indirect/direct lighting control

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B11 7311.B	3000 K	>80	On/Off	72	2940	5663	8603
B11 7314.B	3000 K	>80	Sensonic Basic	72	2940	5663	8603
B11 7316.B	3000 K	>80	DALI	72	2940	5663	8603
B11 7411.B	4000 K	>80	On/Off	72	2957	5808	8765
B11 7414.B	4000 K	>80	Sensonic Basic	72	2957	5808	8765
B11 7416.B	4000 K	>80	DALI	72	2957	5808	8765

Asynchronous lighting control
Separate indirect/direct lighting control

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B11 7324.B	3000 K	>80	Sensonic Basic	72	2940	5663	8603
B11 7326.B	3000 K	>80	DALI	72	2940	5663	8603
B11 7424.B	4000 K	>80	Sensonic Basic	72	2957	5808	8765
B11 7426.B	4000 K	>80	DALI	72	2957	5808	8765

Light efficiency at 4000K net 122 lm/W, at 3000K net 120 lm/W.
Energy efficiency class A+. The LED lamps can not be replaced in the luminaire.
* The MINERGIE® certificate applies to all DALI and Sensonic Basic luminaires with synchronous light control.

940

1220

40

222

LED
240 cd/klm

UGR transverse 13.0
UGR parallel 13.3

Combinable Suspended Luminaire Set

ON/OFF	DALI	SENSONIC BASIC
LED	0 Hz SAFETY	⏚
IP20		EN 12464 / MINERGIE® MODUL *
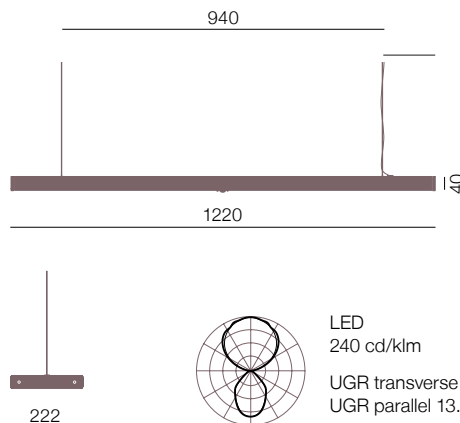
· **Excl. suspension, canopy and transparent power cable**
(see Accessories, page 16/17)

· Single light

· Light output 2 x direct
and 2 x indirect

Light housing extruded aluminium with front side made of shape milled solid aluminium. Chemically matted and natural anodised. Bent steel plate support frame and white powder coated for the optimum efficiency.

PMMA microprism inlays for high-quality glare control. With diffuser film for optimum homogeneity.

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B14 7316.B	3000 K	>80	DALI	72	2940	5663	8603
B14 7411.B	4000 K	>80	On/Off	72	2957	5808	8765
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940

1220

40

222

LED
240 cd/klm

UGR transverse 13.0
UGR parallel 13.3
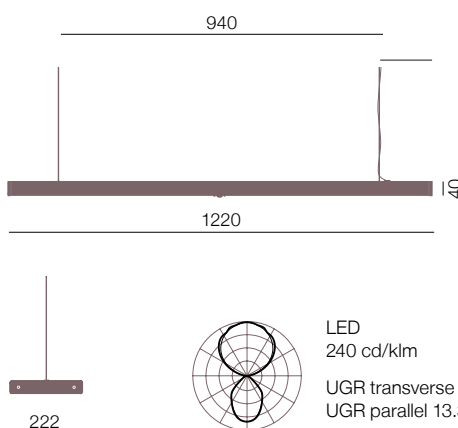
TERA Suspended Luminaire

Combinable Side-by-Side Luminaire Set

ON/OFF	**DALI**	**LED**
0 Hz SAFETY	⏚	**IP20**

EN 12464
MINERGIE® MODUL *

· **Excl. suspension, canopy and transparent power cable**
(siehe Zubehör S.16/17)
· Row mounting
· Light output 2x direct and 2x indirect

Light housing extruded aluminium with front side made of shape milled solid aluminium. Chemically matted and natural anodised. Bent steel plate support frame and white powder coated for the optimum efficiency.

PMMA microprism inlays for high-quality glare control. With diffuser film for optimum homogeneity.

Halogen-free internal wiring. Stainless steel suspension with nickel-plated cable holders and high quality ceiling canopy. Power cable 5x0.75 mm² (Dali / Sensonic) or 3x0.75 mm² (On/Off), lenght 3000 mm.

Synchronous lighting control
Joint indirect/direct lighting control

Start luminaire (with power supply)

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B24 7311.B	3000 K	>80	On/Off	72	2940	5663	8603
B24 7316.B	3000 K	>80	DALI	72	2940	5663	8603
B24 7411.B	4000 K	>80	On/Off	72	2957	5808	8765
B24 7416.B	4000 K	>80	DALI	72	2957	5808	8765

End luminaire

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B34 7311.B	3000 K	>80	On/Off	72	2940	5663	8603
B34 7316.B	3000 K	>80	DALI	72	2940	5663	8603
B34 7411.B	4000 K	>80	On/Off	72	2957	5808	8765
B34 7416.B	4000 K	>80	DALI	72	2957	5808	8765

Central luminaire

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B44 7311.B	3000 K	>80	On/Off	72	2940	5663	8603
B44 7316.B	3000 K	>80	DALI	72	2940	5663	8603
B44 7411.B	4000 K	>80	On/Off	72	2957	5808	8765
B44 7416.B	4000 K	>80	DALI	72	2957	5808	8765

Light efficiency at 4000K net 122 lm/W, at 3000K net 120 lm/W.
Energy efficiency class A+. The LED lamps can not be replaced in the luminaire.
* The MINERGIE® certificate applies to all DALI and Sensonic Basic luminaires with synchronous light control.

Start luminaire (with power supply)
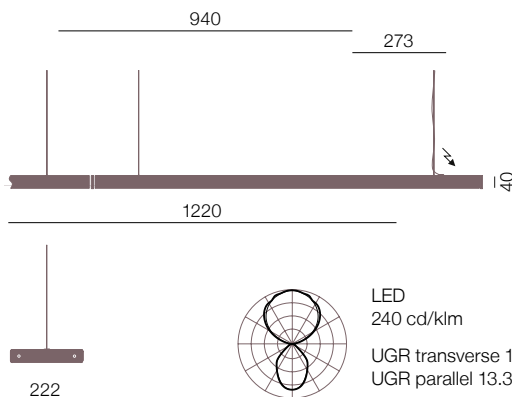
LED
240 cd/klm

UGR transverse 13.0
UGR parallel 13.3

Asynchronous lighting control

Joint indirect/direct lighting control

Start luminaire (with power supply)

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B24 7326.B	3000 K	>80	DALI	72	2940	5663	8603
B24 7426.B	4000 K	>80	DALI	72	2957	5808	8765

End luminaire

	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B34 7326.B	3000 K	>80	DALI	72	2940	5663	8603
B34 7426.B	4000 K	>80	DALI	72	2957	5808	8765

Central luminaire

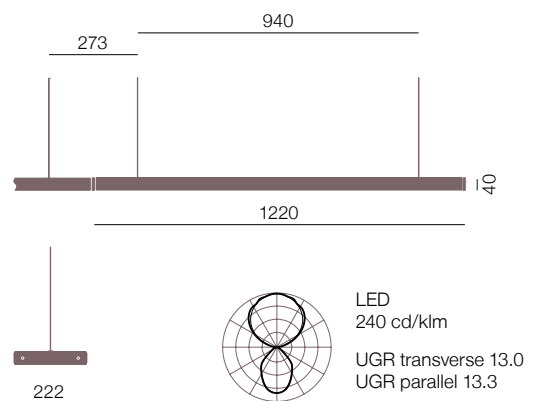|	CCT	CRI	Control	P [W]	φ Nd [lm]	φ Ni [lm]	φ Ng [lm]
B44 7326.B	3000 K	>80	DALI	72	2940	5663	8603
B44 7426.B	4000 K	>80	DALI	72	2957	5808	8765

Light efficiency at 4000K net 122 lm/W, at 3000K net 120 lm/W.
Energy efficiency class A+. The LED lamps can not be replaced in the luminaire.

Central luminaire

940
273   273
1220
40

LED
240 cd/klm

UGR transverse 13.0
UGR parallel 13.3

222

End luminair

940
273
1220
40

LED
240 cd/klm

UGR transverse 13.0
UGR parallel 13.3

222
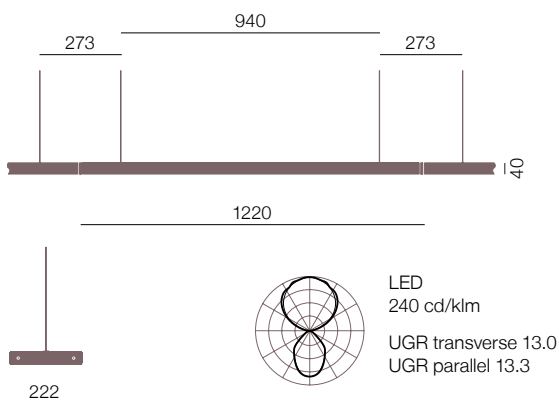
Sensonic Basic User Remote

Control the lights comfortably and remotely from your seat. Current lighting scenes can be stored on up to four save buttons in order to be able to recall them again at a later time. The holiday function enables the presence detector to be temporarily deactivated, for example: when away on holiday. There are also 16 protected channels available for the user remote in order to tune into certain lights to achieve an independent control of multiple lights.

Z00 0002	Sensonic Basic User Remote, Benutzerfernbedienung

Sensonic Basic Master Remote

Comprehensive, customer specific settings can be individually defined and adjusted by using the master remote, (for example, manual on / auto off, shut-off time, standby level, deactivating day light control / presence detection, etc.).

Z00 0001	Sensonic Basic Master Remote, configuration remote control

Suspension-Set Ø 1.5 x 2500 mm

2 Nickel-plated brass cable holders, 2 stainless steel cables Ø 1.5 mm, L 2500 mm. Height freely adjustable. Attach crimped stepped nipple at the end of the cable for easy mounting in the luminaire cable holder.

Z00 0003	

Transparent power cable, 5 x 1.5 mm^2 with flex clips

Cores individually colour coded.
Transparent fastening clips to fix the cable to the suspension (flex clips).

Z00 0010	5 x 1.5 mm^2, length 3 m
Z00 0011	5 x 0.75 mm^2, length 3 m
Z00 0012	3 x 0.75 mm^2, length 3 m
Z00 0013	3 x 1.5 mm^2, length 3 m

Square canopy, anodised aluminium

Chemically matted and natural anodised, with internal
screw fastening, floating clips for a simplified connection.
Power cable must be ordered separately.

Z00 0020	Size: 80 x 80 x 22 mm

Round canopy, anodised aluminium

Chemically matted and natural anodised, with internal
screw fastening, floating clips for a simplified connection.
Power cable must be ordered separately

Z00 0021	Size: Ø 80 x 22 mm

TERA General Information

General Information

We reserve the right, to make technical and formal changes to our products, required by technical developments.
 The product images and descriptions were correct at the time this lighting programme went to press.
Errors are excepted.
Current documents can be made available upon your request.

All lights are delivered without light bulbs (Exception: LED lights).

The colours and surfaces of our products are delivered in accordance with the product descriptions. If nothing else is mentioned, it refers to the following colours:
White   (similar RAL 9016)
Black   (similar RAL 9005)
Silver   (similar RAL 9006)

All measurements are given in millimetres.

Die lichttechnischen Daten sind, falls vorhanden, den entsprechenden Lichtverteilkurven zu entnehmen.

Symbols and abbreviations

CE The CE label documents the compliance of the products with the regulations of the European Union. It is printed on the packaging and product labels.

IP20 All lights meet the requirements for protection class IP20 (Protection against solid objects ≥ 12 mm) and are not specifically labelled.

All lights are only suited for indoor use.

All lights comply with protection class I (connection to an earth wire with network disconnection in the case of a fault) and are not specifically labelled.

ON/OFF Can be switched on/off.

DALI Digital Addressable Lighting Interface = interface standard for dimmable electric ballast units.

SENSONIC BASIC Steuerungssystem mit Basisfunktionalität.

0 Hz SAFETY DC operation is possible, the product is suited for emergency power systems.

EN 12464 Fulfils requirements for office work spaces in accordance with standards.

MINERGIE MODUL Satisfies the current standards for Minergie certification.

Lighting technology

φ Nd [lm]
Direct luminous flux

φ Ni [lm]
Indirect luminous flux

φ Ng [lm]
Total luminous flux

CCT
Light colour (Kelvin temperature)

CRI
Colour rendering index

UGR-Glare rating
(Unified Glare Rating
X = 4H, Y = 8H, S = 0.25H
Reflection factor 70/50/20
Reference values in accordance with EN12464-1

W=power (Watt) / V=voltage(Volt) / OE=outer edge / CC =ceiling cut-out / d=installation depth
h=hours / i.L.=Clear dimension / L=Length/ mm=millimetre / LM=linear metre / Ø=diameter / □=square dimensions