

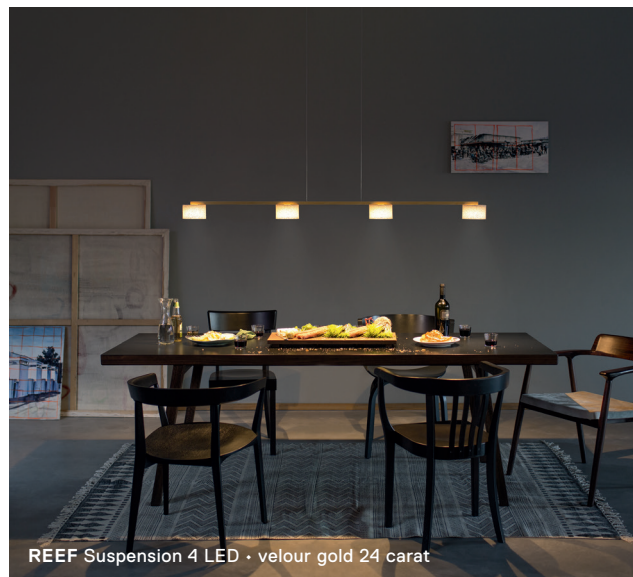
# REEF

## Data Sheet

Suspension LED



REEF Suspension 1 LED • polished aluminum



REEF Suspension 4 LED • velour gold 24 carat



REEF Suspension 3 LED • polished aluminum

The unusual material used for the shade – ceramic foam – gives the Reef family its inimitable character. With its cell-like structure the material has very special light characteristics and extraordinary design qualities: Switched on, the shade shimmers in gentle, atmospheric light that is diffused in a subdued manner throughout the space. From the opening in the shade, however, light is emitted directly at an extremely wide, bright, shadow-free angle.

In the LED versions of the luminaire family the elegant design meets sustainable high-end technology and high energy efficiency.

Examples of use:

Above dining tables, coffee tables, bar counters.

### Technical data sheet

With its brilliant light and wide radiation angle, Reef Suspension LED is predestined to illuminate long tables and is the first choice for dining tables and –when lined up – for counters. For Reef Suspension 1 LED (with one shade) special canopies with cable duct are now available as accessories, enabling two or three luminaires to be mounted with only one ceiling outlet.

Design next space

### Awards

Design Centre of North Rhine-Westphalia,  
Red Dot Award 2004  
Design Council, Design Plus 2004  
Design Award of the Federal Republic  
of Germany, Nomination 2004  
International Design Award Baden-  
Württemberg, Focus Silber 2003



reddot design award

DESIGN PLUS



Focus Balance Silber

### Material & surfaces

|                 |          |                    |                      |
|-----------------|----------|--------------------|----------------------|
|                 |          |                    |                      |
| Material canopy | aluminum | aluminum           | aluminum             |
| Surface         | brushed  | polished           | velour gold 24 carat |
| Shade           |          | white ceramic foam |                      |

### Dimensions





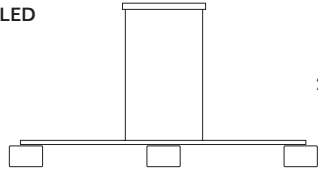
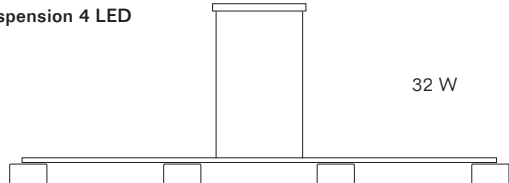
### Technical data

|   |   |   |            |
|---|---|---|------------|
| Illuminant  | LED Luxeon K<br>(The LED circuit board can be replaced<br>by qualified staff) | LED Luxeon M<br>(The LED circuit board can be replaced<br>by qualified staff) |            |
| Power   | 8 W   | 24 W  | 32 W       |
| Luminous flux LED<br>(nominal value)!/<br>Color temperature | 2700<br>K<br>680 lm   | 2040 lm   | 2720 lm    |
| Color rendering index                                       | > 90 CRI (other color rendering indices available on request)                 |   |            |
| Operating voltage   | primary 220–240 V AC, secondary 36 V DC                                       |   |            |
| Control   | TRIAC   |   |            |
| Average lifetime LED  | 50.000 h <sup>2</sup>   |   |            |
| Energy efficiency class                                     | A++ to A  |   |            |
| Warranty  | 2 years   |   |            |
| Mounting & cleaning   | shade with bayonet joint easily replaceable and dishwasher safe               |   |            |
| Weight  | ca. 0.6 kg  | ca. 5.5 kg  | ca. 7.5 kg |



The crossed-out wheelee bin indicates that this electrical appliance must not be disposed of via household waste. In order to protect human health and the environment against potentially hazardous substances, at the end of its lifecycle this product can be taken to a collection point close to you and disposed of free of charge there. This separate disposal enables electrical appliances to be reused or recycled.

### Article numbers

|  | Output<br>(nominal value) <sup>1</sup>                                | Control<br>Technology | CRI <sup>3</sup> | Color<br>Temperature <sup>3</sup> | Surface              | Article Number |
|--|---|-----------------------|------------------|-----------------------------------|----------------------|----------------|
| <b>Reef Suspension 1 LED</b><br>(incl. control gear)                                        | 8 W   | TRIAC                 | > 90             | 2700 K                            | brushed aluminum     | RF2017         |
|  |   |                       |                  |                                   | polished aluminum    | RF2018         |
|  |   |                       |                  |                                   | velour gold 24 carat | RF2019         |
| <b>Reef Suspension 1 LED</b><br>(excl. control gear,<br>requires external<br>control gear)  | Requirements for external control gear:<br>max. 8 W / 6–16 V / 350 mA |                       |                  |                                   |                      | on request     |
| <b>Reef Suspension 3 LED</b>    | 24 W  | TRIAC                 | > 90             | 2700 K                            | brushed aluminum     | RF2021         |
|  |   |                       |                  |                                   | polished aluminum    | RF2023         |
|  |   |                       |                  |                                   | velour gold 24 carat | RF2025         |
| <b>Reef Suspension 4 LED</b>   | 32 W  | TRIAC                 | > 90             | 2700 K                            | brushed aluminum     | RF2031         |
|  |   |                       |                  |                                   | polished aluminum    | RF2033         |
|  |   |                       |                  |                                   | velour gold 24 carat | RF2035         |

### Accessories

|   |            |
|---|------------|
| Reef Suspension 1 LED external control gear | on request |
|---|------------|

### Recommended dimmers

The following list is the result of internal tests conducted in a controlled environment. However, in some cases there is a possibility that owing to technical specifications (e. g., drivers, cables, switches, etc.) a specific combination of dimmer and LEDs does not work. As such our recommendations do not represent a guarantee.

|                       |      |       |   |
|-----------------------|------|-------|---|
| Reef Suspension 1 LED | 8 W  | TRIAC | Berker 286710   |
| Reef Suspension 3 LED | 24 W | TRIAC | Berker 286710<br>Feller 40200.LED. (all variants)<br>Jung 225 TDE<br>Merten MEG5134   |
| Reef Suspension 4 LED | 32 W | TRIAC | Busch Jäger 6513 U-102<br>Feller 40200.LED. (all variants)<br>Feller 40600.RL. (all variants)<br>Merten MEG5134<br>Merten MEG5139 |

<sup>1</sup> The nominal values given refer to the illuminants employed at the time the data sheet was compiled. Subject to alterations.

<sup>2</sup> Specified by the manufacturer. serien Raumeuchten GmbH assumes no liability for the accuracy of the information.

<sup>3</sup> Other versions available on request.