

# Lübke & Driller

LAMP SHADES



OUR WAY, AND NO OTHER



# Lübke & Driller

## LAMP SHADES

### OUR WAY, AND NO OTHER.

Since 1969. A commitment to quality in our typical local Sauerland style. Handed down to us from the founders, adapted by the second generation and with a workforce dedicated to the needs of the international market. Doing things our way and no other, with an unshakeable commitment to hand-crafted quality. In the interests of ensuring optimum quality and efficiency in the production of fabric lampshades, we maintain a manufacturing depth that is probably unmatched. All steps of production are located on our premises, beginning with the framework, right through to the the final inspection of the electric installations. This shows we have a wide range of knowledge and expertise. With this expertise we can create the perfect solution for the finished lampshade. We cater to all needs: from professional series production to designer models and special technical solutions. How we achieve this for you is what this brochure is all about.

**RALF LÜBKE**

**MARTIN DRILLER**

### OUR WAY, AND NO OTHER



### A LÜBKE & DRILLER STRENGTH: MANUFACTURING DEPTH.

Two technical skills are crucial for a quality lampshade: Frame production and shade production. We are recognized as masters in both these fields. Thanks largely to the skills of our workforce. Because of this, we are able to produce fabric lampshades for you in any conceivable form or material. All types of one-off specials or series production in the designs of your choice.



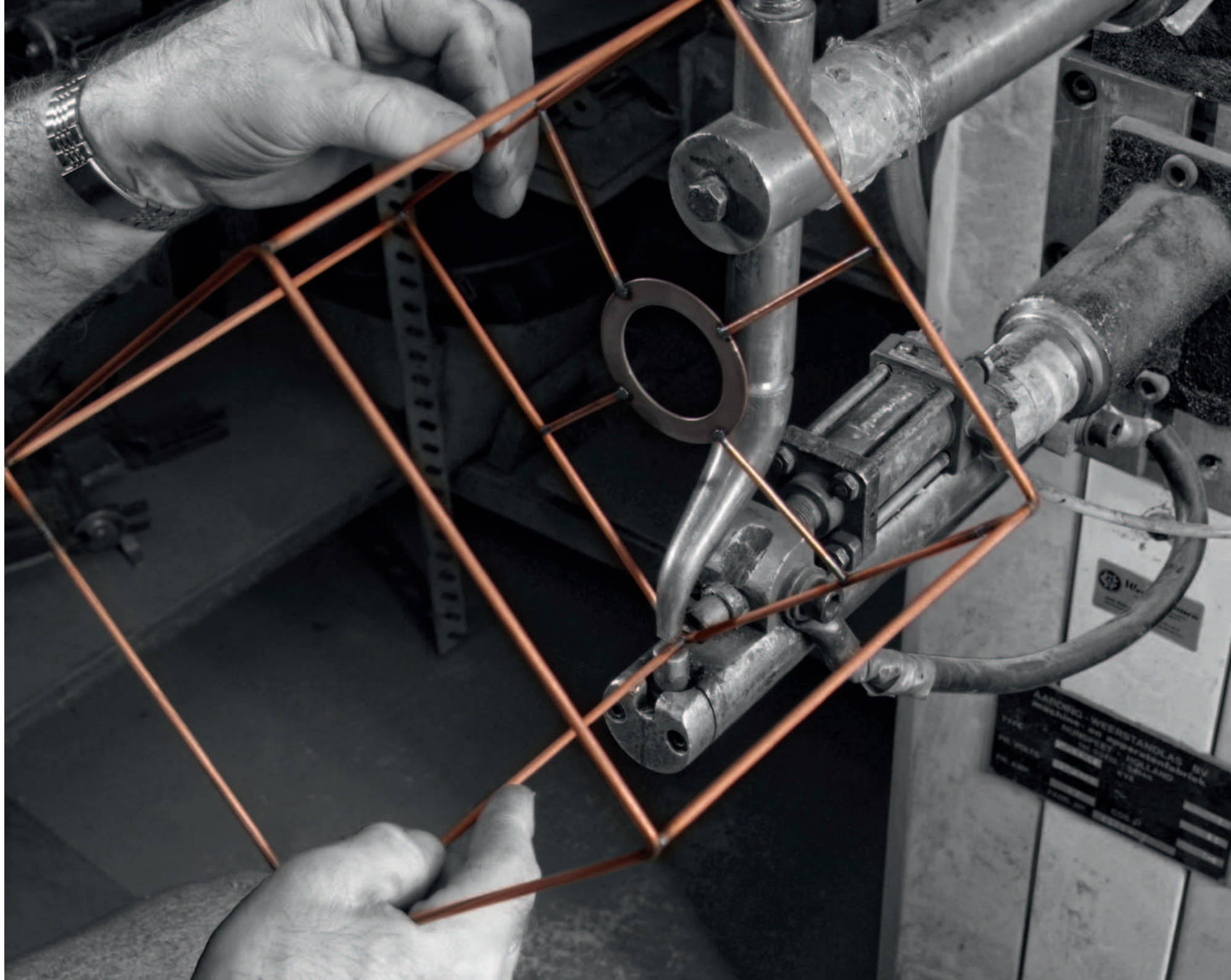


## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: FRAME PRODUCTION – PART I.**

We attach great importance to strength and durability. Therefore we make all the frames ourselves instead of buying them in from outside. We buy the wire as coils or rods that are custom-made for us. To prevent oxidation in conjunction with the lampshade glues, the iron wire is coated with a thin copper alloy. Our machines are able to bend wire with a gauge of up to 6 mm in multiple dimensions and in all desired and geometrical shapes. We are even able to handle large diameters with high-precision results. In addition to that our machines weld the wire together by the use of exact end-to-end welding technology. This prevents dimensional fluctuations and saves production time. The lampshade sturdiness is a priority, that is why we take care when building the frames to produce a dependable product. Our fully automatic machines welcome creative geometries. And thanks to short set-up times, they can also be used for special products and small batch runs. We store and file the parameters for each shape guaranteeing identical dimensions for further orders.





## OUR WAY, AND NO OTHER



### **A LÜBKE & DRILLER STRENGTH: FRAME PRODUCTION – PART 2.**

All our frames and ring sets are made in-house on our wire-bending and spot-welding machines. Because stability and shape retention of our shades is so important to us, we use wire of the same gauge through-out the entire frame, including the non-supporting struts. The most important element however, is a pair of experienced hands and sensitive fingertips, these bring the wire and tools together, and feel whether geometries and welds are just as they should be. They give the frame its hand-crafted soul. It's a shame that this skill is invisible on the finished frame.









## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: ABOUT MATERIALS – PART I.**

Our knowledge of materials, trends and light effects is the result of decades of experience. We therefore have a sure touch in assisting you with your choices. Which new fabrics are there and can they be used for lampshades? How is a certain level of light transmission and light scatter to be achieved? How does the material respond to the heat produced by the lighting element and ambient temperature, what are its fire safety properties? Which designs and materials is it possible to combine? Is it better to use foil rather than fabric? Taking the time to talk everything through with you, we can find the optimum solution for every purpose, supplying you with the products of your choice without delay. We maintain a large, well assorted stock of materials to this end. We offer a unique and distinctive variety of fabrics and foils, which is updated continuously. Of course our material selection contains all of our famous standard and evergreen fabrics. We will be glad to provide you with samples.

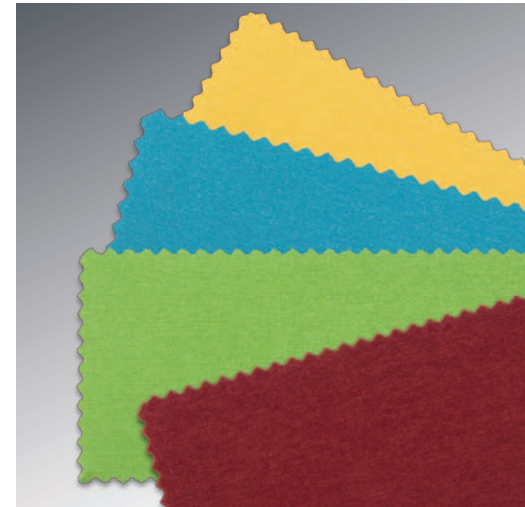




## OUR WAY, AND NO OTHER

### A LÜBKE & DRILLER STRENGTH: ABOUT MATERIALS – PART 2.

There are many applications for which washable lampshades represent the ideal solution. For instance in hotels, restaurants and public rooms. For more than 20 years now, our product range has included washable materials in white and beige. The impregnation is virtually indestructible, offering genuine long-term protection with no ifs and buts. Ask for a sample and test it for yourself. See for instance, how liquids simply run off or spots can be wiped away. This is the high standard of quality we stand for.



We also offer fire-resistant fabrics and foils that meet the specifications of DIN 4102 part B1 (EN 13501-1). We will gladly provide you with samples showing the available colours on request.

A mesh-top kills two birds with one stone – in the truest sense of the word. On the one hand heated air can escape upwards. On the other hand insects can't fly into the lampshade. Provided there is also a bottom cover the lampshade stays clean inside.







FABRICS / FOILS / SAMPLES

1

**CHINTZ AND WASHABLE CHINTZ**

Chintz is a monochrome polyamide-viscose mixture. The slightly glossy and shimmering surface is achieved by waxing the surface.

**FIRE RESISTING TEXTILES**

Fire safety standard DIN 4102 part B1 are complied with. The impregnated chintz and it's invisible protective coating is long-lasting and resistant.

2

**CRUSH**

All crushed chintz fabrics are mechanically crushed.

3

**NATURAL SILK / IMITATION SILK**

The broken threads of the silkworm cocoons are woven together – resulting in the characteristic irregular optic of natural silk. In addition to that we offer imitation silk as an alternative.

4

**FELT**

A felted woollen material available in several colours. This material is available in different intensities, allowing variable light emission.

5

**FOILS**

Foils with their smooth surface offer a visual alternative to fabrics.

6

**LINEN**

The natural fiber derived from flax bark is irregular in thickness. This is visible in the fabric.

7

**MOIRÉ**

A glossy monochrome fabric. It's sheen is produced by the unequal superposition of two layers of fabric during production.

8

**BOX-PLEATED (PLISSEE)**

Chintz with regular pleated folds that are produced mechanically. Stretching the folds allows variable light emission.

9

**STRETCH FABRIC AS A LIGHT-ACOUSTIC MATERIAL**

The weave of this stretch-fabric is able to substantially improve the acoustic in a room. With a sound absorption coefficient of 0.40 it operates like a sponge, collecting the sound waves and preventing reflection. In addition the weave of this fabric complies with the fire safety standard DIN 4102 part B1.

OUR WAY, AND NO OTHER

**A LÜBKE & DRILLER STRENGTH:  
FABRIC VARIETY – PART I.**

We offer a wide range of fabrics, including a collection of monochrome materials, natural silk, foils and the latest furnishing fabrics. The collection is updated continuously.

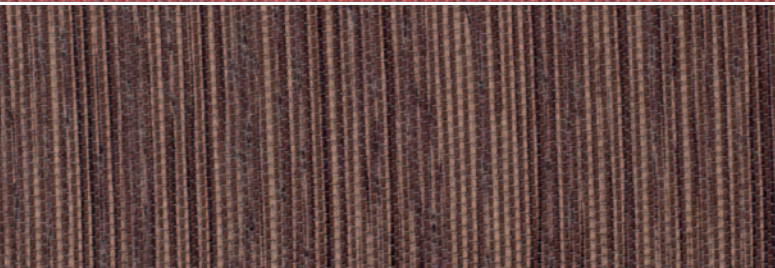




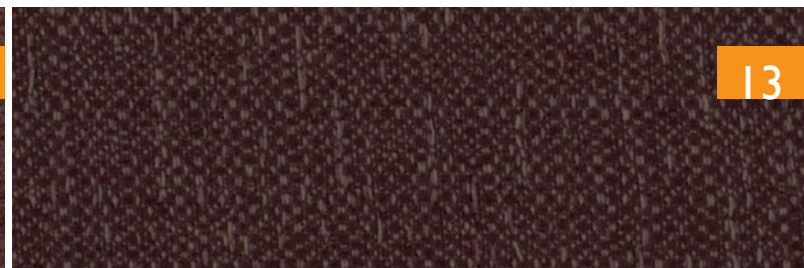
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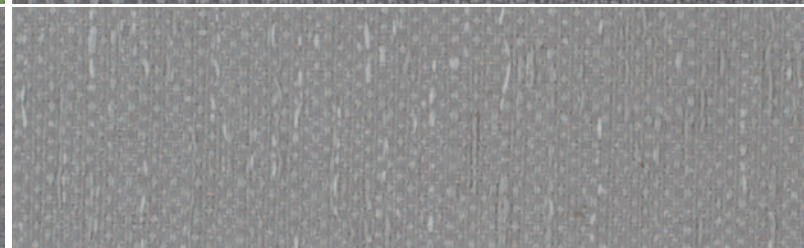
11



12



13



## OUR RANGE OF FURNISHING FABRICS

10

**LANDORIUS**  
3 colours available.

11

**MANCHESTER**  
3 colours available.

12

**MENARIUS**  
3 colours available.

13

**OXFORD**  
3 colours available.

Other colours on request.

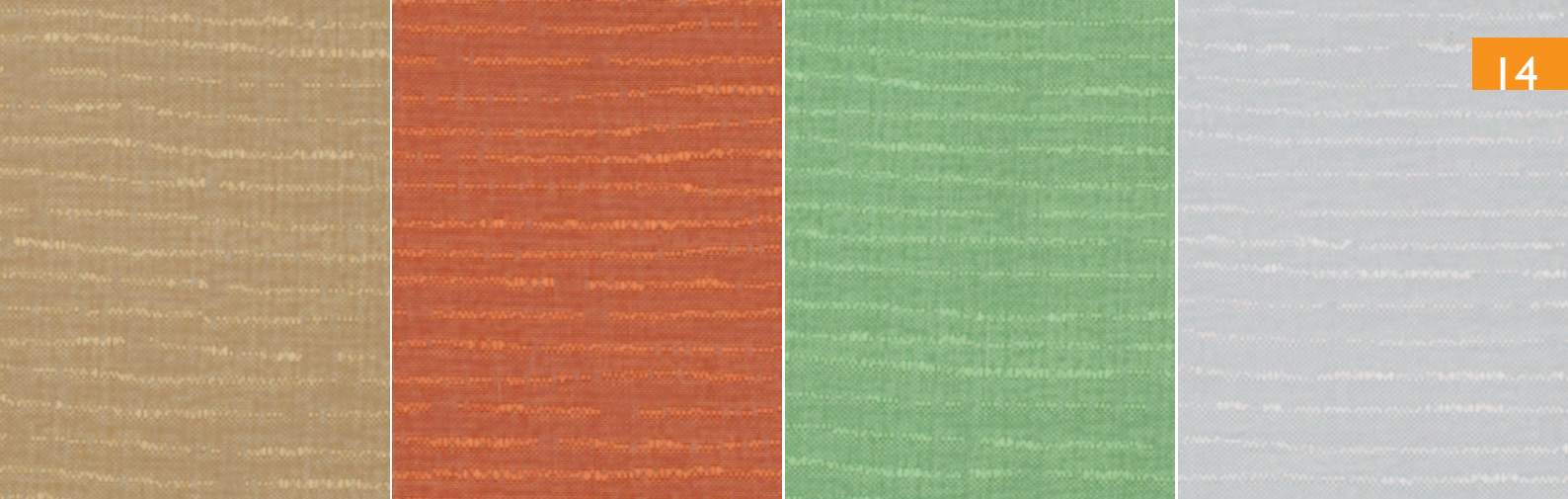
## OUR WAY, AND NO OTHER

### A LÜBKE & DRILLER STRENGTH: FABRIC VARIETY – PART 2.

Our range of monochrome, decor, and structured-fabrics is extensive. For example cotonette, cremona, shantung, structured and furnishing fabrics.

In addition please see our range of fabrics, exclusive to Lübke & Driller on pages 16 – 19.





14

OUR RANGE OF FURNISHING FABRICS

14

**SOLIDUS**  
4 colours available, satined Moiré.

15

**TIGER**  
3 colours available, Crush.

16

**VIO**  
6 colours available, ribbed.



15



16

Other colours on request.

OUR WAY, AND NO OTHER

**A LÜBKE & DRILLER STRENGTH:  
FABRIC VARIETY – PART 3.**





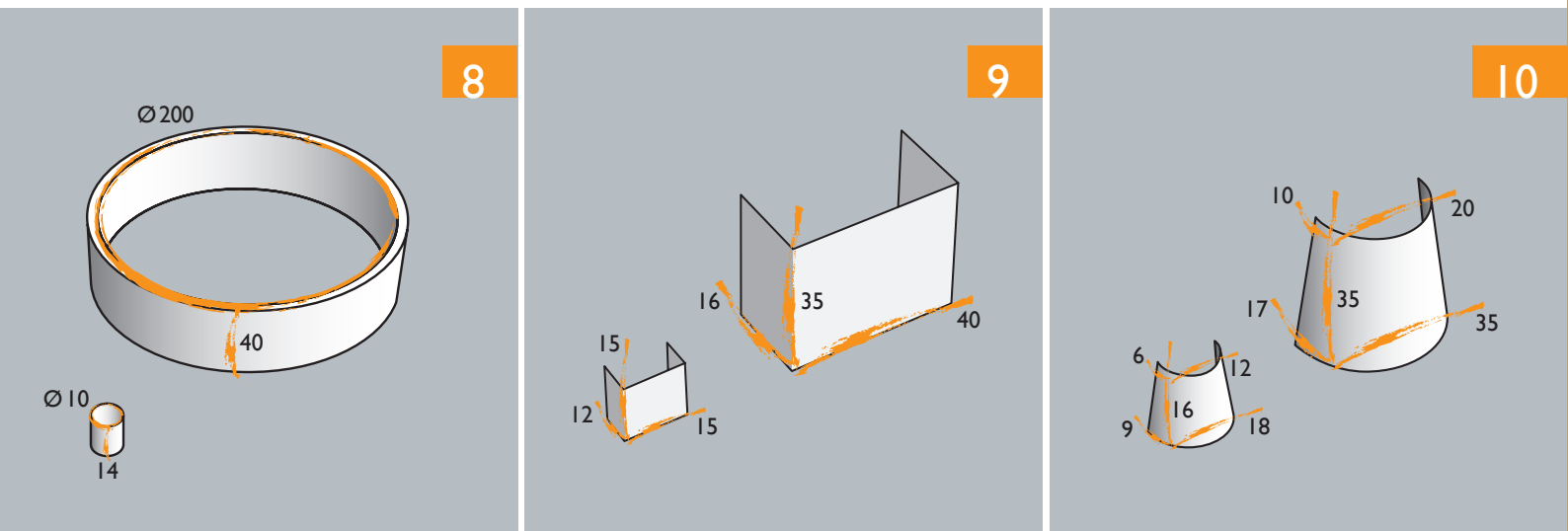
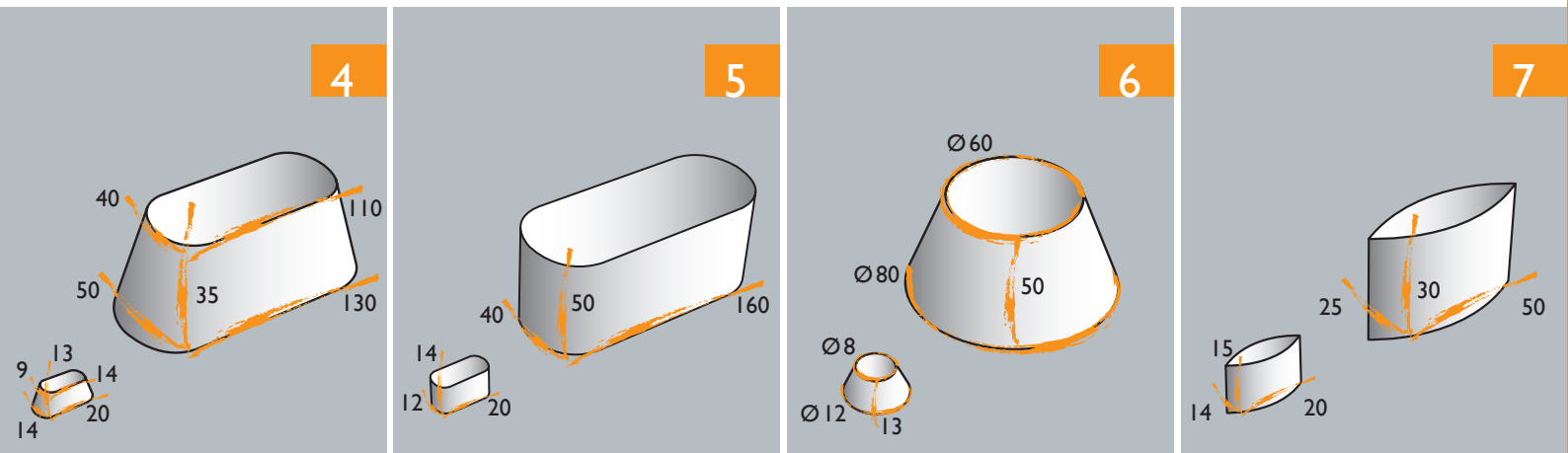
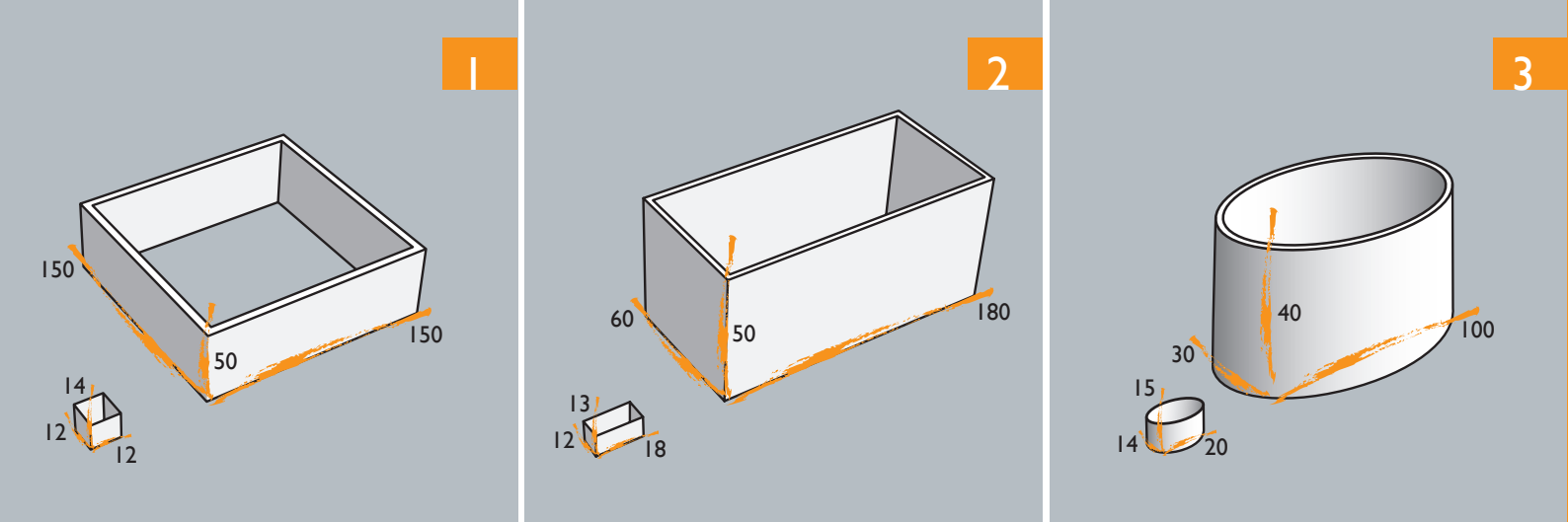
## OUR WAY, AND NO OTHER



### **A LÜBKE & DRILLER STRENGTH: DESIGN VARIETY.**

With our highly sophisticated technical equipment, we are able to produce a large variety of multi-dimensional forms. No matter how extravagant your ideas may be, we can probably turn them into reality.





## SIZES OF LAMPSHADES

- 1 SQUARE**  
Min. 12/12 x 12/12 x 14 cm | Max. 150/150 x 150/150 x 50 cm
- 2 RECTANGULAR**  
Min. 18/12 x 18/12 x 13 cm | Max. 180/60 x 180/60 x 50 cm
- 3 ELLIPSE**  
Min. 20/14 x 20/14 x 15 cm | Max. 100/30 x 100/30 x 40 cm
- 4 OVAL / CONICAL**  
Min. 20/14 x 14/9 x 13 cm | Max. 130/50 x 110/40 x 35 cm
- 5 OVAL**  
Min. 20/12 x 20/12 x 14 cm | Max. 160/40 x 160/40 x 50 cm
- 6 ROUND / CONICAL**  
Min. Ø 12 x Ø 8 x 13 cm | Max. Ø 80 x Ø 60 x 50 cm
- 7 POINTED OVAL**  
Min. 20/14 x 20/14 x 15 cm | Max. 50/25 x 50/25 x 30 cm
- 8 ROUND / CYLINDER**  
Min. Ø 10 x Ø 10 x 14 cm | Max. Ø 200 x Ø 200 x 40 cm
- 9 WALL MOLDING SQUARE**  
Min. 15/12 x 15/12 x 15 cm | Max. 40/16 x 40/16 x 35 cm
- 10 WALL MOLDING ROUND / CONICAL**  
Min. 18/9 x 12/6 x 16 cm | Max. 35/17 x 20/10 x 35 cm

All specifications are conform to: below length / width x above length / width x height (no. 1–5, 7, 9 and 10) respectively round shapes: diameter below x diameter above x height (no. 6 and 8)  
Specified it always the smallest and the largest possible size of the particular shape. Between these dimensions you are free to choose the size of your model.

## OUR WAY, AND NO OTHER

### A LÜBKE & DRILLER STRENGTH: VARIETY OF SIZES AND SHAPES.

To ensure that your individual wishes are realized, we offer you next to the variety of shapes also a variety of sizes for your individually desired lampshade.

For bigger sizes we use a thicker wire, ensuring sturdiness and contour accuracy.





## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: PRODUCTION – PART I.**

Parallel to the frame construction, the shade blank is plotted out using software specially written for our machines. As a result, we are able to produce even highly unusual designs on our computer controlled machines. The foil is drawn onto the plotting table and held firmly in place by vacuum suction. Two minutes after entering the data for the desired lampshade, the fabric is cut to the necessary shape – fast, cost-effectively and with a minimum of wastage.

Our fully automated plotters are able to deal with any geometric shape. Whether it's a one-off job or a series production, all data is stored for any product re-order.

The standardized colour of the laminate foil is white.





## OUR WAY, AND NO OTHER

### A LÜBKE & DRILLER STRENGTH: PRODUCTION – PART 2.

Your new lampshade is nearing completion. The task now is to laminate the fabric cut-out with the substrate foil. A steady hand cuts the parts to match and then glues the two materials together on one of our laminating machines. The result must be smooth and completely blister-free. And speaking of gluing: Up to four different kinds of adhesive may be used in the production of a lampshade: laminating adhesive, adhesive for rolling the top and bottom ring, adhesive for sealing the seam, and special adhesive for the border.

- 1** In our laminator one side of the cut foil is coated with white adhesive.
- 2** Through the movement of the rollers, the white adhesive is permanently in motion and therefore stays liquid. This ensures that irregularities between fabric and foil are avoided.
- 3** The blank is taken out of the laminator and placed on top of the fabric.
- 4–6** The fabric is now tailored to the blank using electric scissors.
- 7** The fabric overlaps the rings. It will be subsequently rolled around the rings to finish.
- 8** The superimposed blanks are smoothed out, so that no wrinkles or bubbles remain. The laminated blank is now ready.





## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: PRODUCTION – PART 3.**

The lampshade is nearing its final shape:  
The shade material and frame are now joined together. This is done completely by hand and is known in our technical terminology as rolling. This stage requires great skill and experience.

**1** First, a carrier strip is glued onto the shade, and then the frame ring is glued on to that.

**2** Special adhesive is used to permanently seal the seam.

**3–4** The next step is to apply white adhesive to the edge of the shade: This is used to secure the fabric to the top and bottom ring in step 6.

**5** Any excess fabric is cut off, leaving only a narrow, even margin.

**6** The fabric is folded around the top and bottom ring with the finger tips and carefully pressed tight.







## OUR WAY, AND NO OTHER



### **A LÜBKE & DRILLER STRENGTH: DESIGN.**

To give your lampshade an individualized note, it is possible to use a different colour on the inside of the lampshade. As you can see here, a red foil and a gathered gold satin-fabric has been used.

Further design elements can be coloured frames or braids.





## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: SERIES PRODUCTION PRECISION.**

The combination of manual skill, experience, machines and software that have been specially developed for us means that our customers can rely on absolute series precision. Especially for very small and very large lampshades, this expertise is essential.





## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: PRINTING.**

Lampshades with printed logos? With text inscriptions? With big or small photos, reproductions, drawings or shapes? We can make them all for you. We have the ability to print our lampshades using modern screen and digital printing technology regardless of the shape, size or material. The printed image is absolutely identical whatever the size of the shade. We can turn your design ideas into reality, advise you on styling and assist you in choosing and obtaining the images, as well as advising you in matters of light configuration and light distribution. Make your lampshades a brand advertising vehicle or a creative design element with a distinctive aesthetic message. Our special skills and methods offers hotels, restaurants, shipping lines, shopfitters, reception rooms and designer-oriented firms new possibilities of expression. Custom printing– the perfect finishing touch.







## OUR WAY, AND NO OTHER

### **A LÜBKE & DRILLER STRENGTH: CUSTOMER ADVICE.**

A lampshade is like a small house: shape, size, material, static strength, safety – only an expert can perfectly match all of the requirements together. As with all constructions, including lampshades there are structural and safety aspects that have to be considered. The laws of physics can not be outwitted, however it is possible to use them creatively. Thanks to our production machinery, we are able to turn many ideas into reality that otherwise may seem impossible at first sight. The key to this is our personal advice: Either by telephone, in our showroom, or on your own premises.



# INTERVIEW WITH RALF LÜBKE

**Do your customers know from the outset what kind of shade they would like to order?**

**RALF LÜBKE**  
Generally we get the following information from our customer: There is an idea, or maybe already a concrete conception regarding shape, size and colour of the lampshade. He may already know if the model needs to have a bottom cover. Now our consultation starts by clarifying type and intensity of lighting required. How do we achieve an optimum of light distribution, without any light spots being seen. Did the customer think of a mesh top, to prevent insects getting into the lampshade. How is the lampshade positioned? Can it be hung safely and straight? Is there an electrical connection in the ceiling and is it usable and suitable? Is a ceiling cap required or needed? Has the ceiling height and hanging height been considered?

**So there are many details that need to be considered. How do you continue after that?**

**RALF LÜBKE**  
We check whether the shade can be produced in this size and shape. We

also take appearance into consideration, will it look good. Because of our years of experience we are able to determine how much light enters the shade and it's distribution. Aspects our customers usually have little or no knowledge of.

**This is why the customer looks to you for competent technical advise. How do you determine the technical data for your lampshades?**

**RALF LÜBKE**  
That's down to our experience. We recommend installing specific LED-strips (*see page 41*) or a 3-way distributor for E27 (*see page 48*) to realize an optimum of illumination for the size and shape the customer desires.

**On the subject of technology. More and more customers would like to use LED-lights. How do you deal this and what should be considered?**

**RALF LÜBKE**  
If the customer wants a lampshade with LED lighting without a E27 socket, our advice for example is to use LED-strips. We calculate the number of LED-strips suitable for size and shape of the lampshade. The outcome is a specific

number of lumen which defines the driver unit. Then the position of the driver unit needs to be defined. Is it possible to place the driver unit on a metal plate inside the lampshade, or buried in the ceiling cap.

We plan and put together a comprehensive package for the customer. This entails the selection of the technical components e. g. LED-strips (conductor boards), cooling, defining the driver unit, wiring and safe installation.

**This seems to be an extensive process. Not forgetting optimal illumination, how do you place the LED to ensure this?**

**RALF LÜBKE**  
This is down to experience and science. The illumination of the lampshade needs to be balanced and nice, we take care of that. It is essential to identify the right distance between LED-strips and laminate foil. Single light spots should not be seen.

**Know-how acquired over many years allowing your customers to benefit even more from your experience.**

**RALF LÜBKE**  
We help our customers realize the lampshade starting from the idea through to the finished product. We have gained experiences and learned from past mistakes, our customer benefits from this. We have developed a how-to-do guide so we are able to prevent mistakes right from the beginning. It starts with the right way to unpack the boxes. Through to the important points of ceiling installation – to the hanging up of the lampshade. For example: The customer desires not to use a ceiling cap or the existing ceiling does not allow the installation of a ceiling cap. The cable needs to run vertical to the ceiling. This is very important. If one cable is shorter than the others the lampshade will hang crooked, causing the fabric and carrier foil to become creased. You first see the damage, when the installation is finished and you turn on the light. We advice our customers to make use of a laser level for vertical alignment of the cables.

In addition we point out the importance of having sufficient staff on hand. One person holds the lampshade, another one adjusts the position of the cables.

As you can see from this example: There are many small things that finally make up the quality of the lampshade.

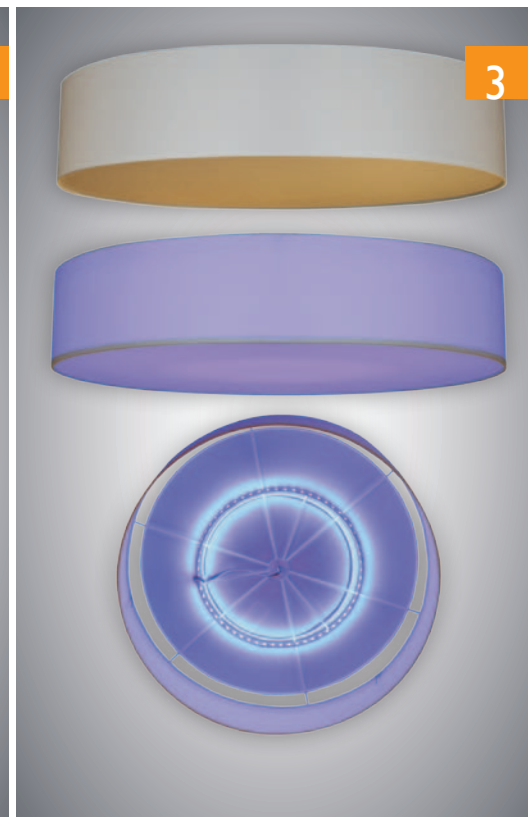
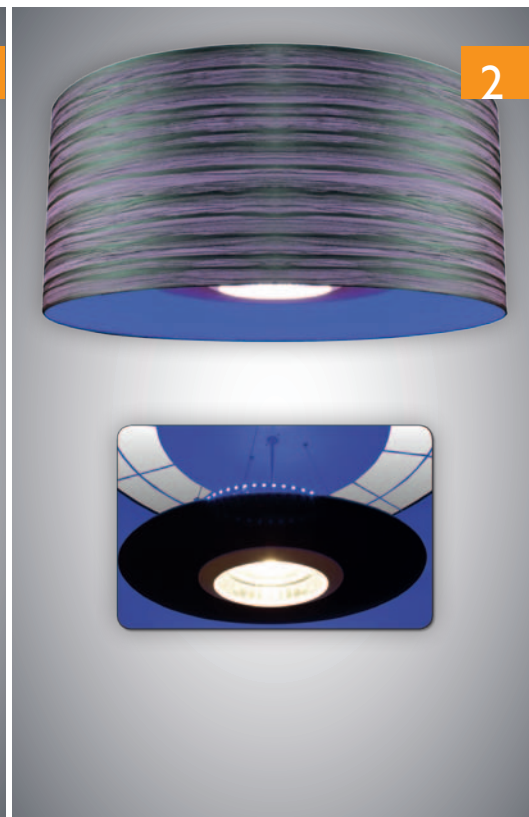
# OUR WAY, AND NO OTHER



**RALF LÜBKE**  
Co-owner of the company Lübke & Driller



LED-strips in detail



## LED-ILLUMINATION

1

Dimensions: 60 x 60 x 13 cm | fabric: "Landorus" grey | 2 metre LED-strips glued to metal strips | 14.4 W per metre | 1,080 lm per metre | 3,000° Kelvin | the driver unit is buried in the ceiling cap. | advantage: optimized light in spite of low hanging height of the lampshade | especially in this case: warm-white / cold-white modification via remote control

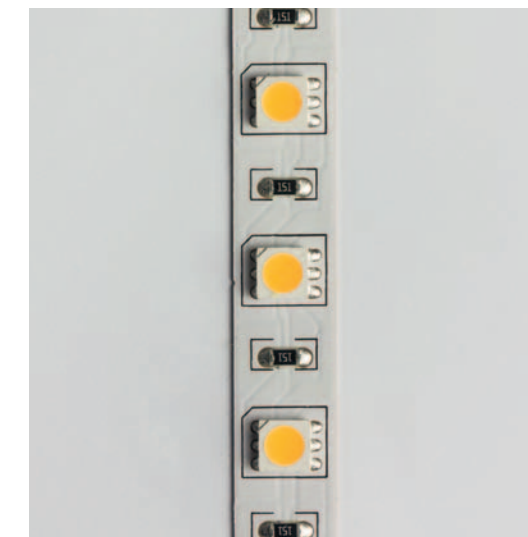
2

Dimensions: 100 x 100 x 45 cm | fabric: "Tincinus" dark purple | 2 metre LED-strips glued to metal strips | 14.4 W per metre | 1,080 lm per metre | 3,000° Kelvin | the driver unit is installed onto a metalplate in the lampshade | advantage: one spotlight directs additional light down onto an object to be illuminated

3

Dimensions: 60 x 60 x 13 cm | fabric: "Chintz" grey | 2 metre LED-strips glued to metalstrips | 14.4 W per metre | 1,080 lm per metre | 3,000° Kelvin | the driver unit is buried in the ceiling cap | especially in this case: an RGB controlled LED strip; Adapting the light colour to existing circumstances or desired moods at low shade height

## OUR WAY, AND NO OTHER



### A LÜBKE & DRILLER STRENGTH: LED-ILLUMINATION – PART I, LED-STRIPS.

The lampshade is predestined for use with different types of LEDs, irrespective of diodes mounted on strips or conductor boards, or buried in panels. All variations can be integrated into the lampshade. All sizes and amounts of LEDs can be freely configured.





4



5



6

## LED-ILLUMINATION

4

Dimensions: 42/42 x 42/42 x 17 cm | fabric: “Chintz” purple | square low voltage LED-panel with rounded edges, dimensions: 33 x 30 cm | 42 W | 24 V | 3,000 lm per metre | 3,000° Kelvin | the driver unit is installed in the ceiling cap or in the lampshade | glare-free lighting of objects under the lampshade as well as a general illumination

5

Dimensions: 45 x 45 x 32 cm | fabric: “Vio” light grey | round LED high voltage conductor board, Ø 26 cm | 240 V | 12 W | 1,247 lm per metre | 4,700° Kelvin

6

Dimensions: 30 x 30 x 33 cm | fabric: “Chintz” grey | round LED high voltage conductor board, Ø 9 cm | 240 V | 12 W | 1,247 lm per metre | 3,000° Kelvin

7

Dimensions: 40 x 40 x 20 cm | fabric: “Vio” light green | round low voltage LED-panel Ø 33 cm | 24 V | 36 W | 2,700 lm per metre | 3,000° Kelvin

## OUR WAY, AND NO OTHER



### A LÜBKE & DRILLER STRENGTH: LED-ILLUMINATION – PART 2, LEDS ON CONDUCTOR BOARDS.

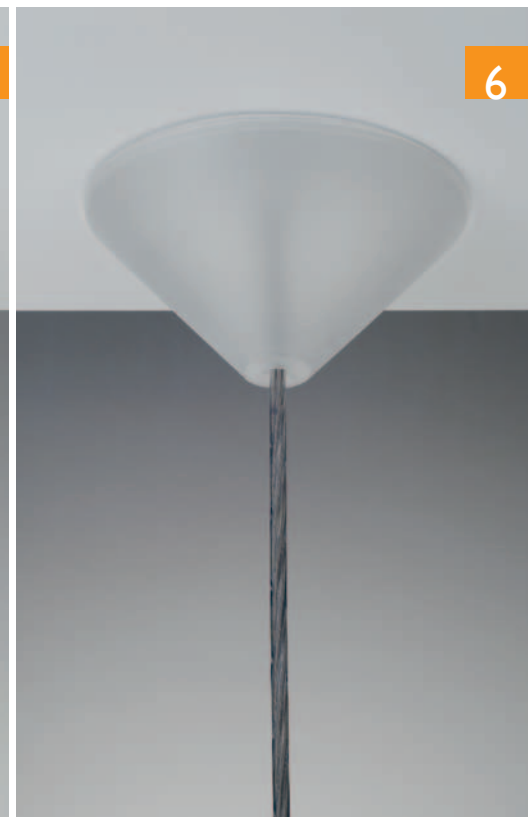
The lampshade is adjustable to fit the different sizes of conductor boards. Illumination is balanced and free of shadows.



LED-panels in detail (round)

Other parameters on request.





#### METAL CEILING CAPS

- 1 Round | coated iron | Ø 10 cm | not suitable for wire suspension | surface strato coated
- 2 Round | coated iron | Ø 18 cm | suitable for wire suspension | surface strato coated
- 3 Square | coated iron | 10 x 10 cm | suitable for wire suspension | surface strato coated
- 4 Ellipse | coated iron | long side 20 cm, short side 10 cm | suitable for wire suspension | surface strato coated
- 5 Round, shaped like a cup, but with rounded bottom | synthetic | Ø 6.5 cm | not suitable for wire suspension | white, black, transparent, silver
- 6 Round, shaped like a triangle | synthetic | Ø 12 cm | not suitable for wire suspension | white, black, gold, silver, transparent

Other colours on request.

## OUR WAY, AND NO OTHER

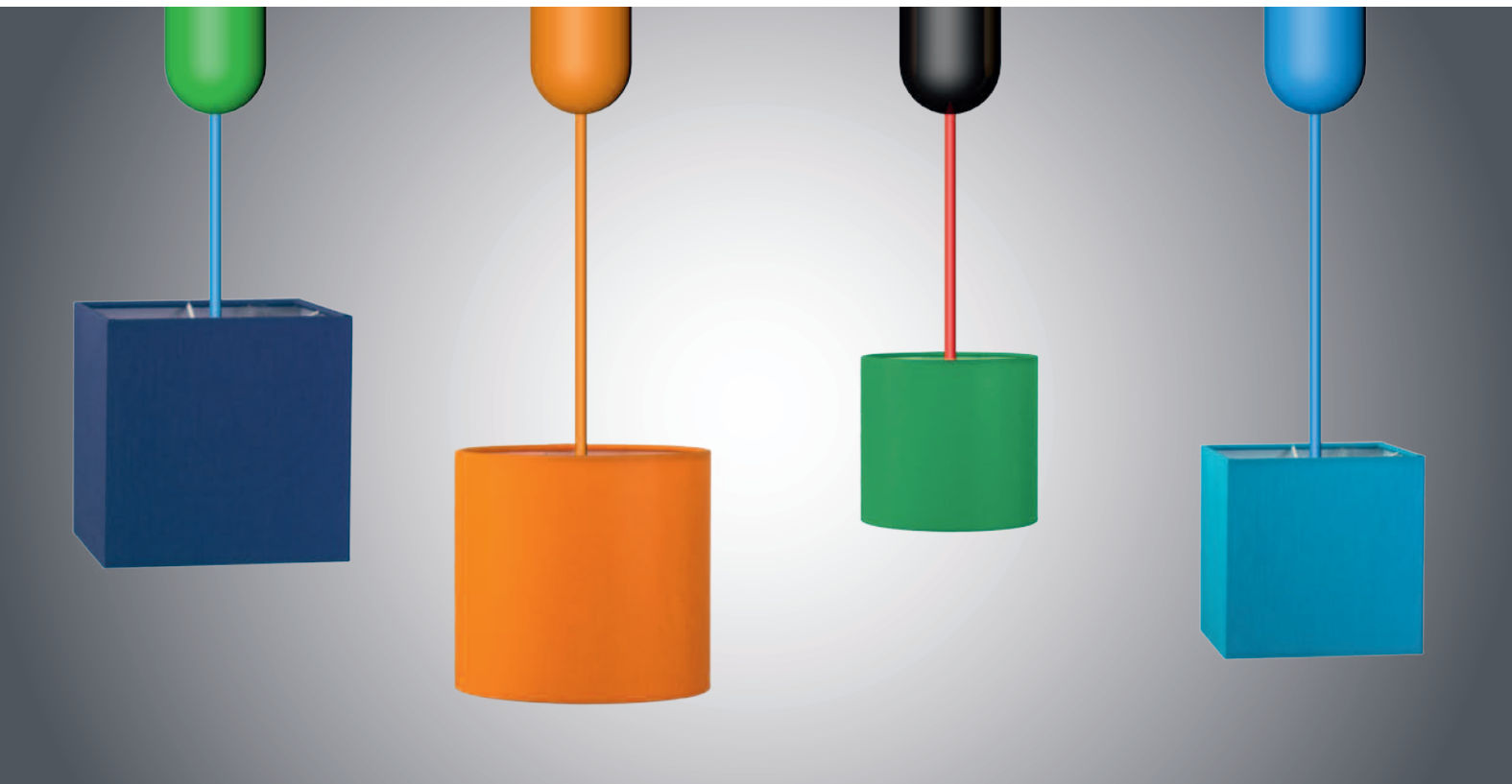
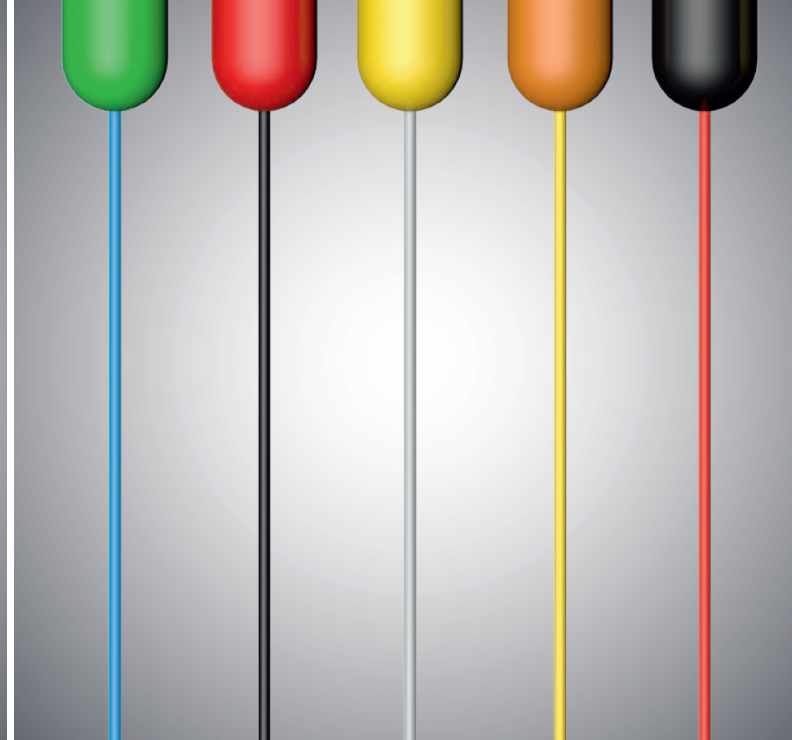
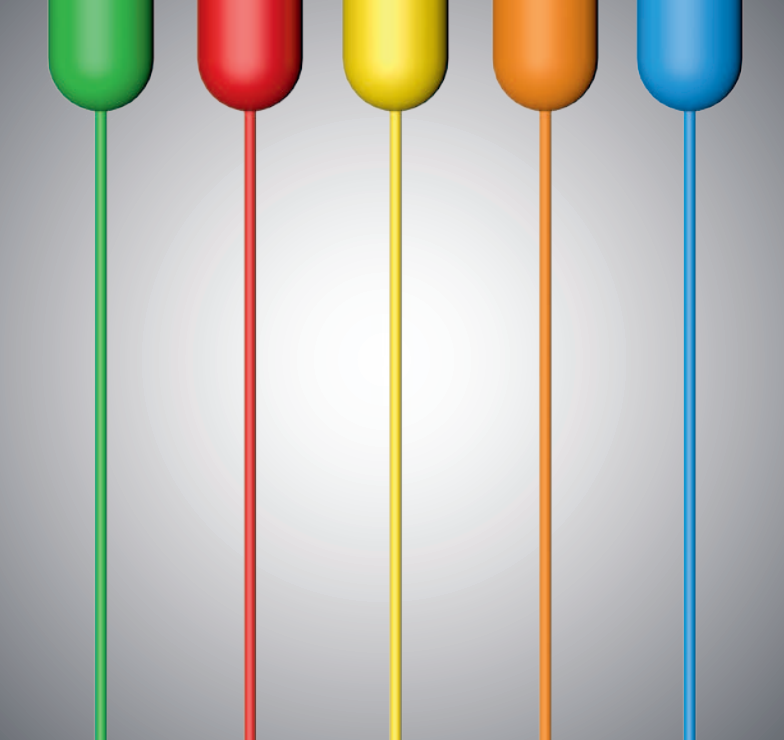
### A LÜBKE & DRILLER STRENGTH: CEILING SUSPENSION.

A ceiling cap is required to attach your lampshade to the ceiling. The cap form can be supplied adapted to the lampshade accomplishing an overall harmonious design.

Beyond a certain size the lampshade should be hung not only from the cable but also from steel wires. We advise you on how many steel wires are needed and where to place and attach them.

If a ceiling cap is not desired, it is possible to attach the lampshade to the ceiling using vertically installed wires.





## COLOURED CABLE AND PLASTIC CEILING CAPS

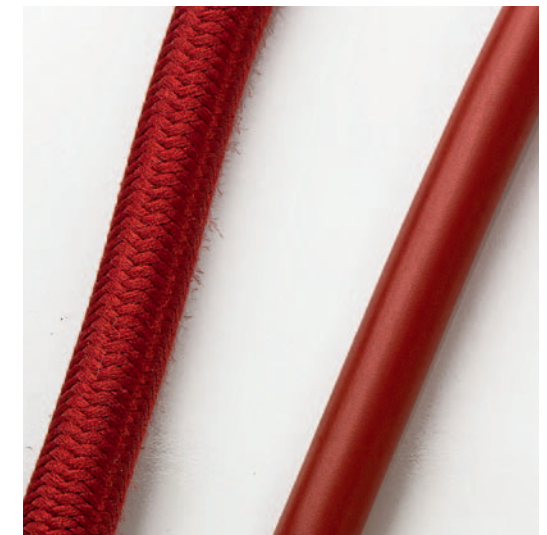
1

Ceiling caps are available in the following colours:  
yellow, orange, red, blue, green, black, white, silver and gold

2

The cable is available in the colours yellow, orange, red, blue, green,  
black, white, silver and gold

## OUR WAY, AND NO OTHER



The detail photo shows the different appearance of the textile mesh and the PVC insulation.

### A LÜBKE & DRILLER STRENGTH: OUR COLOURED SETS.

Any colour of ceiling cap can be combined in conjunction with the cable colour. Please choose a lampshade from one of our various options. You can choose your lampshade in any desired shape and colour as shown on page 22. no. 1 (square), no. 3 (ellipse) and no. 8 (round / cylinder).<sup>1)</sup> The length of the cables can be freely selected.<sup>2)</sup>

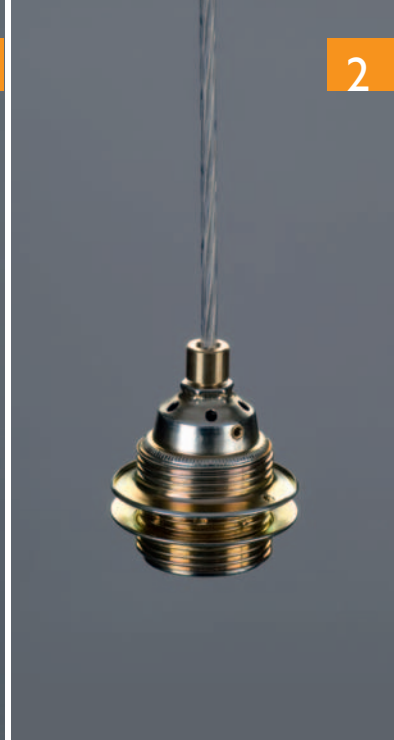
<sup>1)</sup> A E27 plastic socket is used (see socket no. 1, page 48)

<sup>2)</sup> For both versions the VDE-harmonized cable type H03VV-F 3 G 0,75 mm<sup>2</sup> is used, available in the colours blue, brown and green / yellow





1



2



3



4

## LIGHT SOCKETS

1

1 x E27 | plastic socket | max. 60 W

2

1 x E27 | metal socket | max. 100 W

3

3-arm star shaped socket (multiple versions on request) | plastic sockets | max. 180 W

4

5-arm star shaped socket (multiple versions on request) | plastic sockets | max. 300 W

5

2 x E27 | plastic sockets | max. 120 W

6

2 x E27 | metal sockets | max. 200 W

7

3 x E27 | plastic sockets | max. 180 W

8

3 x E27 | metal sockets | max. 300 W



5



6



7



8

## OUR WAY, AND NO OTHER

### A LÜBKE & DRILLER STRENGTH: VARIOUS LIGHT SOCKET VERSIONS.

Our program includes versions in plastic or metal with a varied number of E27 sockets. Because of the horizontal light direction the star shaped sockets (pictures 3 and 4) are suitable for use in flat lampshades. With larger lampshades two or more star shaped sockets can be placed next to or even stacked above each other. The multiple versions (pictures. 6 to 8) are then used when the main body of light is to be directed downward from the shade.





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### **A LÜBKE & DRILLER STRENGTH: TRANSPORT SAFETY.**

After putting so much effort into development and production, it is only natural that we should take just as much care with quality control and dispatch. Trained personnel ensure that when your lampshades embark on their journey, whether overseas, to the capitals of the world or to our home Sauerland region, they are in perfect condition and well protected. This is typical Lübke & Driller. After all, we do it our way, and no other.





**FACTS** | Founded in 1969 | Around 40 employees |  
Approx. 60,000 lampshades per year | Approx.  
material input: 6 tonnes of wire, 4 tonnes of laminating  
foil, 30,000 m² of fabric | All stages of production  
are at our headquarters in Arnsberg-Neheim: Frame  
making, sample production, plotting and stamping out,  
laminating, sewing and gluing, dispatch | Showroom  
with over 140 exhibits



# Lübke & Driller

LAMP SHADES  
MADE IN GERMANY

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