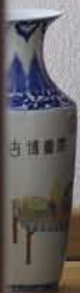


betec®

Design Lamps



Catalogue

Your customer no.: _____

We would like to thank you very much for your interest in our lighting product range. The stated prices are recommended sales prices in euros without VAT. Valid from 15/03/2023. If you have any questions about our products, delivery times or custom-made items, please do not hesitate to contact us.

Chairman & Designer: Horst Lettenmayer, managing director: Julia-Alina Lettenmayer



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Web: www.betec.de

Lighting Manufacturer

True to its company slogan – Light for the Future ® – betec has enjoyed an excellent international reputation as an innovative lamp manufacturer for 43 years. Its founder and chief designer Horst Lettenmayer, as chairman of the board, is leading the company together with his successor, Ms Julia-Alina Lettenmayer, as a board member, into a new age of lighting. The early and forward-looking decision not to follow the universal trend, but rather individual demands for design and technology was the basis for the success that continues to this day. The wide variety of different designer lamps, each dominating in its respective technological content, was obvious right from the first very product following the company's foundation. The "Clarus" painting lamp was a revolution in lighting in a minimalist guise. It is already a cult product and has received the German Art Protection award (Deutscher Kunstschutz) as well as prestigious international design awards.

Further developments focused on lighting for living spaces, offices and bathrooms, as well as light to showcase architecture. This resulted in lamps to brighten all these areas. Our efforts to carry on producing lamps as individual hand-crafted pieces, to take the customer's personal wishes into account and to use carefully selected materials runs counter to the current trend of quantity before quality.



Julia-Alina und Horst Lettenmayer



Quality

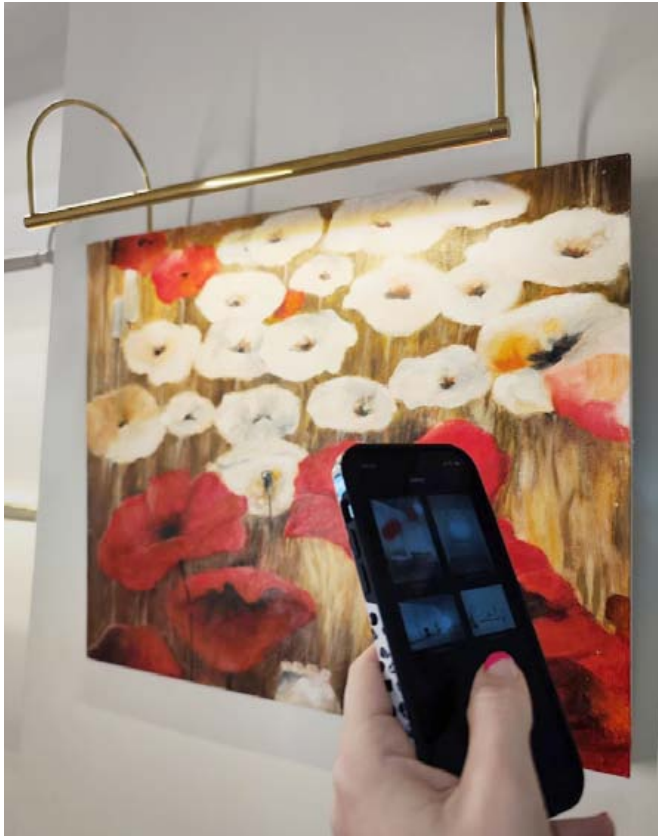
All of our lamp models' components are produced in our factory from brass using traditional armoury metalworking. This is done with meticulous craftsmanship, from the selection of the raw materials to their processing right down to the surface treatment. To top it off, each component then receives its own colour treatment. Galvanic processes are carried out in a plant for medical instruments, and all varnishes are hand-varnished and baked at 180° C. A timeless design should also be timeless in its durability.



Other colors on request.

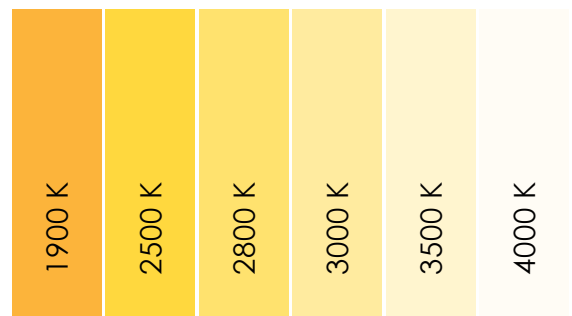


Novelty



We are thrilled to offer you the latest technical solution in being able to also offer lighting for our design lights: Bluetooth light control for light color and brightness regulation.

All common ones are compatible
Operating systems such as Apple, Android, etc.



With this new function you can easily control your lamps via your smartphone or tablet and adjust the lighting to your liking. Whether you want to create a cozy atmosphere for a relaxing evening at home or need a bright environment for a work environment, Bluetooth light control allows you to adjust the light exactly as you need it. Operation is very easy and intuitive, so you can get started right away.

With this technology you can also control several lamps at the same time and such create a uniform lighting in your home. In addition, you can create and save different lighting scenes to your favorite ones Settings can be called up quickly and easily. Our design lamps are available in a wide range of styles and colors and perfectly match any interior. With the new Bluetooth light control, you not only bring more comfort and convenience into your home, but also a piece of modern technology. We invite you to our Discover Bluetooth light control and look forward to sharing your lighting improve experience!

Light for the future



Our now available technical drawings in BIM format are suitable for architects and room planners.

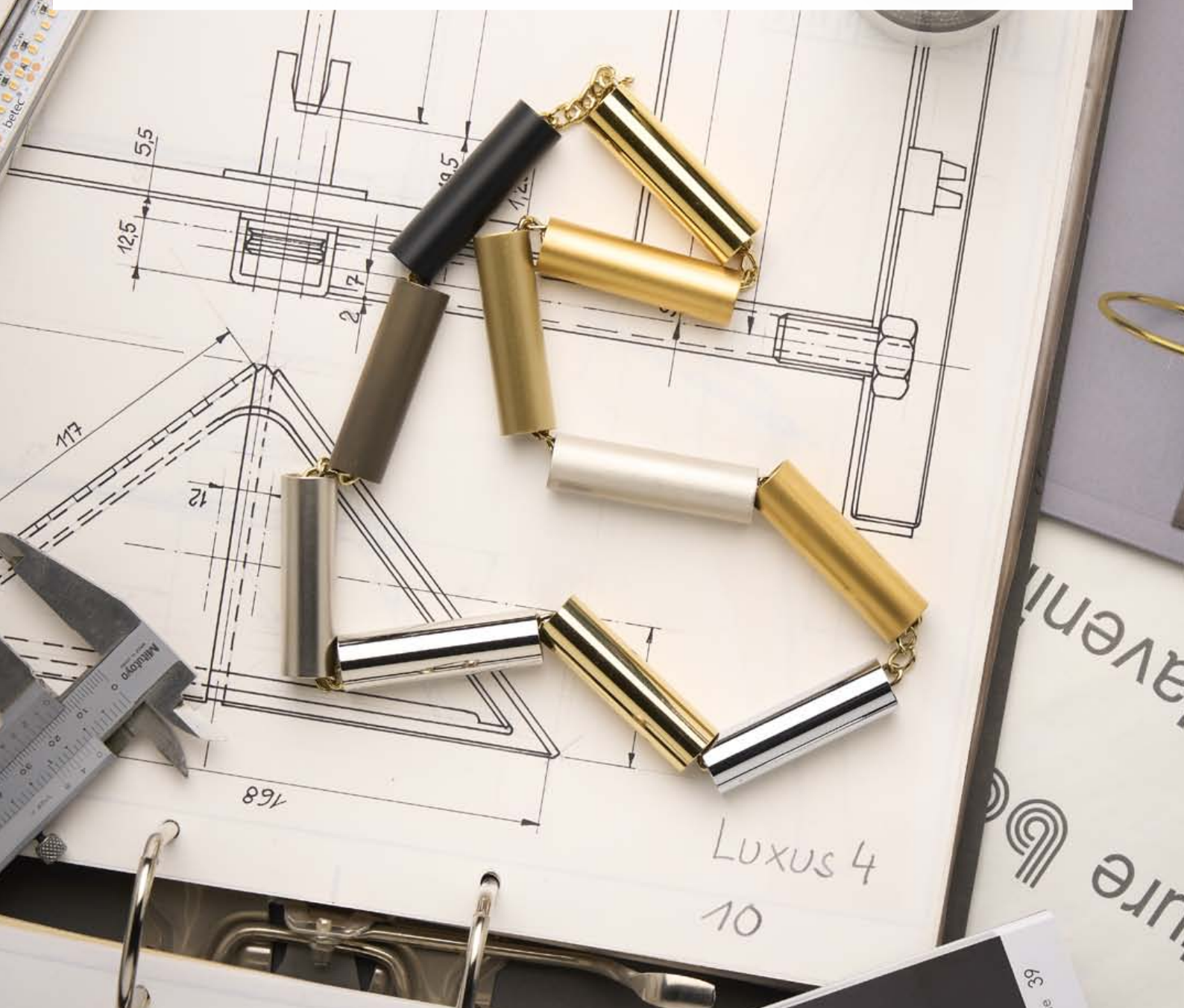
BIM Files

Download:



Design

Those who buy with design in mind are often disappointed by the function that results. Our lights come from a single source. Hence our 42-year success in form and design. Even lights show their age. While the design remains unchanged, the technology of operational reliability is changing at an ever-increasing pace. As a lighting manufacturer, we are also responsible for the reliable manual selection and processing of appropriate materials using the latest technical equipment. This means that every product is made to order.



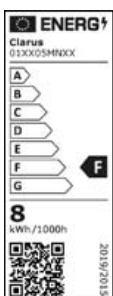
Safety

Our home should be a place of comfort, somewhere we can relax and feel safe. A room's lighting plays a crucial role in achieving this, because it's the lighting that sets the right atmosphere. Accordingly, it ought to be matched to the relevant function. When choosing illumination, you ought to pay attention to the stated colour temperature.



Production safety in use has been tested, and confirmed by the appropriate bodies. Of course, user safety presumes proper handling. An interior light is not designed for – and so must not be used for – outdoor applications. Our lights are only to be connected by qualified professionals. As a manufacturer, however, the safety of our employees is also extremely important to us, so that they can continue to produce reliable lights. There can be no sustainability without safety, in the end. This starts in the manufacturing process with energy, through the complete avoidance of chemical agents and the application of safety measures on processing machinery, all the way to the handling of packaging material. This makes betec lights highly sustainable.

Energy efficiency label



Ingress protection **IP20 IP68** 

Harmonised standards **CE**

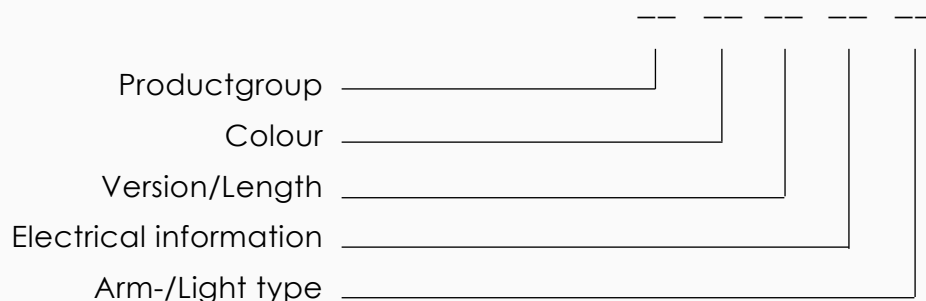
Fire safety signs 

Disposal 



Article numbers

Coding principle:



Product groups:

01 Clarus Picture lights

01 _ _ _ _ _

Colours:

Chrome polished

_ _ BO _ _ _ _

Gold polished

_ _ CO _ _ _ _

Gold mat

_ _ GO _ _ _ _

Brass polished

_ _ GM _ _ _ _

Brass mat

_ _ MO _ _ _ _

Nickel polished

_ _ MM _ _ _ _

Nickel mat

_ _ NO _ _ _ _

Brown

_ _ NM _ _ _ _

Black mat

_ _ SM _ _ _ _

Version/Length:

Length information

_ _ _ 05 _ _

Light quantity & Light colour

LED Mono _ _ _ M _ _

2400K Warm tone _ _ _ _W _

LED Duo _ _ _ D _ _

2700K Neutral _ _ _ _N _

LED Trio _ _ _ T _ _

3000K Daylight _ _ _ _T _

LED Power _ _ _ P _ _

3100K Bright white _ _ _ _H _

1800-6000 K Variable _ _ _ _V _

Arm design/Light type:

Arms / Types

_ _ _ _ 11

Table of contents

Page	
	Picture lights
12 - 15	Clarus
16 - 17	Mono
18 - 21	Angulus
22 - 25	Minimus
26 - 29	Maximus
	Desk light
30 - 31	Ductus
	Piano sheet light
32 - 33	Piano
	Galerie-System
34 - 35	Galerie
	Table lamps
36 - 37	Noctis
38 - 39	Acus Office
40 - 41	Centre oÙ
42 - 43	Studeo
44 - 45	Cappello
	Floor lamps
46 - 47	Acus
48 - 49	Obelisk
50 - 51	Luxus
	Ceiling lights
52 - 53	Cubus
54 - 55	Apsis
56 - 57	Filum
58 - 59	Hamus

Page Wall lights

60 - 61	Folium
62 - 63	Palus
64 - 65	Oyster
66 - 67	Luxus

Shelf lights

68 - 69	Etagere
70 - 71	Vestiaire

Mirror lights

72 - 73	Magnus
74 - 75	Make up 3
76 - 77	Make up 5
78 - 79	Make up 6
80 - 81	Make up 7
82 - 83	Make up 8
84 - 85	Discus

Pool spot

86 - 87	Disque
---------	--------

Track systems

88 - 89	Planus
90 - 93	Galaxis

Conversion to LED

94	Clarus
----	--------

Electr. components

95	Dimmer, Driver
----	----------------

01 Clarus®

This product is protected by international art protection!

The lighting of pictures, paintings and other art objects involves a high level of professional responsibility for the designer as well as the manufacturer of these lights. Therefore, our picture light Clarus is minimalist as possible and as necessary in terms of color and brightness of the objects to be illuminated. That is why our products are made exclusively by hand in our manufactory using high-quality materials. Material: brass, illuminant: single LED, LED-CEE: C, Ra: 90, ballast unit 20W: 94x36x18 mm, primary voltage: 220-240V, secondary voltage: DC 24V, rotatable fluorescent tube: Ø 14 mm, bracket tube: Ø 6 mm

Scope of delivery: whole lamp with illuminant, mounting set and a dimmable ballast unit.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	01 MO -- -- --
Brass mat	01 MM -- -- --
Chrome	01 CO -- -- --
Nickel polished	01 NO -- -- --
Nickel mat	01 NM -- -- --
Brown	01 BO -- -- --
Black mat	01 SM -- -- --
Gold 24ct polished	01 GO -- -- --
Gold 24ct mat	01 GM -- -- --

Length	Light output	Article number
160 mm	0,6 Watt	01 -- 01 -- --
260 mm	1,8 Watt	01 -- 02 -- --
360 mm	3,0 Watt	01 -- 03 -- --
460 mm	4,2 Watt	01 -- 04 -- --
560 mm	5,4 Watt	01 -- 05 -- --
660 mm	6,6 Watt	01 -- 06 -- --
760 mm	7,8 Watt	01 -- 07 -- --
860 mm	9,0 Watt	01 -- 08 -- --
960 mm	10,2 Watt	01 -- 09 -- --
1060 mm	11,4 Watt	01 -- 10 -- --
1160 mm	12,6 Watt	01 -- 11 -- --

LED Mono + Light colour:	Article number
2400K Warm tone	01 -- -- MW --
2700K Neutral	01 -- -- MN --
3100K Daylight	01 -- -- MH --
NEW 1800-6000K Variable	01 -- -- MV --



Arm Type	Width	Article number
----------	-------	----------------

Type 11	110 mm	01 -- -- -- 11
Type 17	170 mm	01 -- -- -- 17
Type 22	220 mm	01 -- -- -- 22
Coupling arm		



Special option dimming options (see page 91)	Article number
--	----------------

Touch-Dimmer Module (Brightness)	50 TD 01 LD 24
DALI (Brightness)	90 DD 24 LD 20
NEW Casambi App controlling (Brightness and color temperature)	90 CD 24 LD 12

Technical data sheet







01 Mono

The LED picture light with a single central bracket is ideal for small pictures or photos. The light output is very high despite its short length. The lamp can either be attached to the back of the picture frame or to the wall. The level of light can be regulated by parallel rotation of the ends of the tubes.

Material: brass, illuminant: LED, LED-CEE: F, Ra: 90, ballast unit: 220-240V, secondary voltage: DC 24V, ballast unit 20W: 94x36x18 mm, light tube: Ø 14 mm, fluorescent tube: Ø 6 mm, Arm width: 100 mm

Scope of delivery: whole lamp with LED illuminant, mounting set and a dimmable ballast unit.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	01 MO -- -- --
Brass mat	01 MM -- -- --
Chrome	01 CO -- -- --
Nickel polished	01 NO -- -- --
Nickel mat	01 NM -- -- --
Brown	01 BO -- -- --
Black mat	01 SM -- -- --
Gold 24ct polished	01 GO -- -- --
Gold 24ct mat	01 GM -- -- --

Length	Light output	Article number
170 mm	2,4W / 528 Lm	01 -- 01 -- 10

LED Duo + Light colour:	Article number
2400K Warm tone	01 -- -- MW --
2700K Neutral	01 -- -- MN --
3100K Daylight	01 -- -- MH --

Special option touch dimmer	Article number
-----------------------------	----------------



50TD01LD24



04 Angulus

A novelty in our range of lamps is the "Angulus" picture light. The angular shape of the light fits in more harmoniously with corresponding picture frames. As with all our picture lamps, the lighting profile can be rotated in order to have the optimal light level set. This lamp has a duo LED illuminant, which allowed the light output to be doubled. Particularly suitable as display lighting. Application: lighting pictures, menus and music stands.

Material: brass, illuminant: dual LED, LED-EC: F, Ra: 90, ballast unit: 220-240V, secondary voltage: DC 24V, ballast unit 20W: 94x36x18 mm, ballast unit 30W: 107x41x22 mm rotatable fluorescent tube: 17 x 17 mm, bracket tube: Ø 8 mm

Scope of delivery: whole lamp with diffuser cover, mounting set and a dimmable ballast unit.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	04 MO -- -- --
Brass mat	04 MM -- -- --
Chrome	04 CO -- -- --
Nickel polished	04 NO -- -- --
Nickel mat	04 NM -- -- --
Brown	04 BO -- -- --
Black mat	04 SM -- -- --
Gold 24ct polished	04 GO -- -- --
Gold 24ct mat	04 GM -- -- --

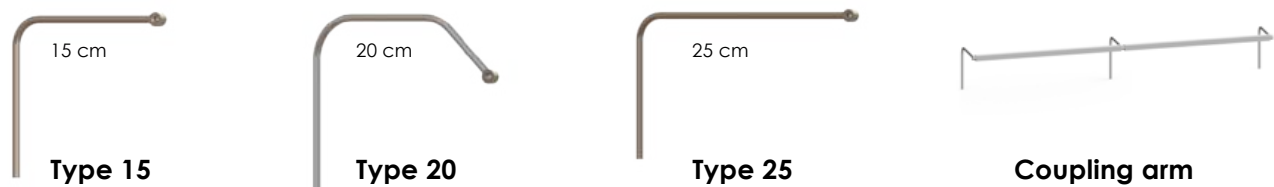
Colour	Length	Light output	Article number
Brass	250 mm	6 Watt	04 MO 02 -- --
Brass	500 mm	13 Watt	04 MO 05 -- --
Brass	750 mm	20 Watt	04 MO 07 -- --
Brass	1000 mm	27 Watt	04 MO 10 -- --

LED Duo + Light colour:

	2400K	Warm tone	RA 80+/ 750Lm/m	04 -- -- DW --
	2700K	Neutral	RA 94+/ 1640Lm/m	04 -- -- DN --
	3000K	Daylight	RA 94+/ 750Lm/m	04 -- -- DT --
NEW	1800-6000K	Variable	RA 90+/ 1596Lm/m	04 -- -- DV --



Arm Type	Width	Article number
Type 15	150 mm	04 -- -- -- 15
Type 20	200 mm	04 -- -- -- 20
Type 25	250 mm	04 -- -- -- 25
Coupling arm		



Special option dimming options (see page 91)		Article number
Touch-Dimmer Module	(Brightness)	50 TD 01 LD 24
DALI	(Brightness)	90 DD 24 LD 20
NEW Casambi App controlling	(Brightness and color temperature)	90 CD 24 LD 12





07 Minimus

As an extension to our "Clarus" lamp, but with a tube diameter of 18 mm, this lamp was developed for the use of a dual LED unit. The double brightness of the "Minimus" is a decisive factor for choosing this product. As a secondary effect, this painting lamp can also be used to brighten rooms. The output light mainly brightens the object in question, but the inevitable scattered light emitted from the lamp fills the room with a basic level of brightness that is an unperceived requirement for our well-being. Application: picture lighting, menu lighting and music stand lighting.

Material: brass, illuminant: dual LED, LED-CEE: F, Ra: 90, ballast unit: 220-240V, secondary voltage: DC 24V, ballast unit 20W: 94x36x18 mm, ballast unit 30W: 107x41x22 mm, rotatable fluorescent tube: Ø 18 mm, bracket tube: Ø 8 mm

Scope of delivery: whole lamp with illuminant, mounting set and a dimmable ballast unit.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	07 MO -- -- --
Brass mat	07 MM -- -- --
Chrome	07 CO -- -- --
Nickel polished	07 NO -- -- --
Nickel mat	07 NM -- -- --
Brown	07 BO -- -- --
Black mat	07 SM -- -- --
Gold 24ct polished	07 GO -- -- --
Gold 24ct mat	07 GM -- -- --

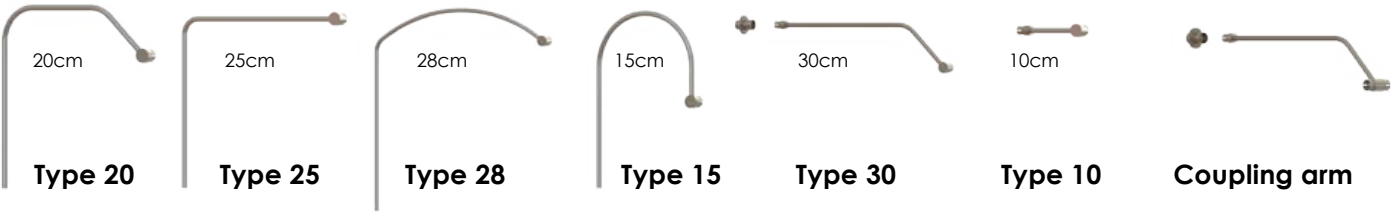
Colour	Length	Light output	Article number
Brass	591 mm	14 Watt	07 MO 06 -- --
Brass	891 mm	23 Watt	07 MO 09 -- --
Brass	1191 mm	32 Watt	07 MO 12 -- --

LED Duo + Light colour:			Article number
2400K	Warm tone	RA 80+/ 750Lm/m	07 -- -- DW --
2700K	Neutral	RA 94+/ 1640Lm/m	07 -- -- DN --
3000K	Daylight	RA 94+/ 750Lm/m	07 -- -- DT --
NEW 1800-6000K	Variable	RA 90+/ 1596Lm/m	07 -- -- DV --



Arm Type	Width	Article number
----------	-------	----------------

Type 20	200 mm	07 -- -- -- 20
Type 25	250 mm	07 -- -- -- 25
Type 28	280 mm	07 -- -- -- 28
Type 15	150 mm	07 -- -- -- 15
Type 30	300 mm	07 -- -- -- 30
Type 10	100 mm	07 -- -- -- 10
Coupling arm		



Special option dimming options (see page 91)	Article number
--	----------------

Touch-Dimmer Module	(Brightness)	50 TD 01 LD 24
DALI	(Brightness)	90 DD 24 LD 20
NEW Casambi App controlling	(Brightness and color temperature)	90 CD 24 LD 12





17 Maximus

In order to illuminate large paintings with strong frames, a correspondingly larger picture light is required to optically balance the picture and the light. This is why the „Maximus“ picture light was created, which can be used for pictures up to several metres wide. Using this lamp as painting or museum lighting also has a secondary effect of brightening the room. The output light mainly brightens the object in question, but the inevitable scattered light emitted from the lamp fills the room with a basic level of brightness that is an unperceived requirement for our well-being. Application: picture lighting, shelf lighting and wall lighting.

Material: brass, illuminant: dual LED, LED-CEE: F, Ra: 90, ballast unit: 220-240V, secondary voltage: DC 24V, rotatable fluorescent tube: Ø 34 mm, bracket tube: Ø 8 mm, ballast unit 12W: 94 x 36 x 18 mm, ballast unit 30W: 107x41x22 mm

Scope of delivery: whole lamp with illuminant, mounting set and a dimmable ballast unit.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	17 MO -- -- --
Brass mat	17 MM -- -- --
Chrome	17 CO -- -- --
Nickel polished	17 NO -- -- --
Nickel mat	17 NM -- -- --
Brown	17 BO -- -- --
Black mat	17 SM -- -- --
Gold 24ct polished	17 GO -- -- --
Gold 24ct mat	17 GM -- -- --

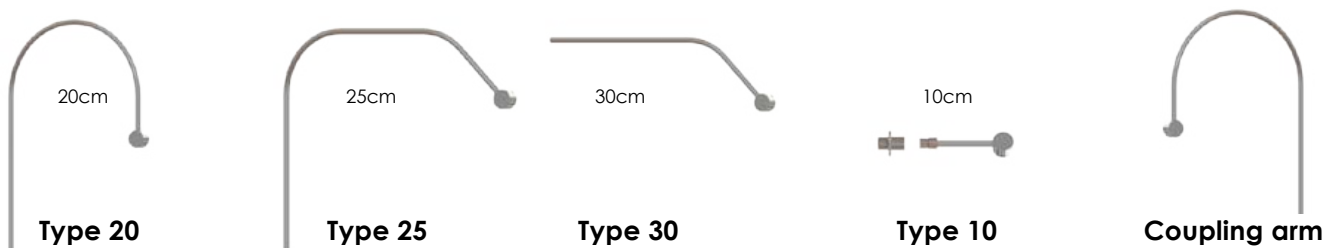
Colour	Length	Light output	Article number
Brass	490 mm	12 Watt	17 MO 05 -- --
Brass	650 mm	16 Watt	17 MO 06 -- --
Brass	770 mm	19 Watt	17 MO 07 -- --
Brass	950 mm	24 Watt	17 MO 09 -- --
Brass	1250 mm	33 Watt	17 MO 12 -- --
Brass	1550 mm	42 Watt	17 MO 15 -- --

LED Duo + Light colour:			Article number
2400K	Warm tone	RA 80+/ 750Lm/m	17 -- -- DW --
2700K	Neutral	RA 94+/ 1640Lm/m	17 -- -- DN --
3000K	Daylight	RA 94+/ 750Lm/m	17 -- -- DT --
NEW 1800-6000K	Variable	RA 90+/ 1596Lm/m	17 -- -- DV --

17 Maximus (Brass, Type 25)



Arm Type	Width	Article number
Type 20	200 mm	17 -- -- -- 20
Type 25	250 mm	17 -- -- -- 25
Type 30	300 mm	17 -- -- -- 30
Type 10	100 mm	17 -- -- -- 10
Coupling arm		



Special option dimming options (see page 91)		Article number
Touch-Dimmer Module	(Brightness)	50 TD 01 LD 24
DALI	(Brightness)	90 DD 24 LD 20
NEW Casambi App controlling	(Brightness and color temperature)	90 CD 24 LD 12





03 Ductus

Lectern, desk or wall lamp with the highest level of precision craftsmanship. Holding brackets come in various shapes and lengths. Either as a plug-in version on lecterns, with mounting collars for installation on walls or for permanent installation on shelves using retaining clamps. Also ideal as a showcase lamp and display panel lighting due to its low current consumption and extremely long service life. Application: picture, menu and desk/lectern lighting.

Material: brass, illuminant: LED, LED-CEE: F, Ra: 90, primary voltage: 220-240V, secondary voltage: DC 24V, 20W ballast unit: 107 x 41 x 22 mm, rotatable fluorescent tube: Ø 14 mm, bracket tube: Ø 6 mm

Scope of delivery: whole lamp with LED illuminant, dimmable ballast unit and threaded sleeve with flange.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	03 MO -- -- --
Brass mat	03 MM -- -- --
Chrome	03 CO -- -- --
Nickel polished	03 NO -- -- --
Nickel mat	03 NM -- -- --
Brown	03 BO -- -- --
Black mat	03 SM -- -- --
Gold 24ct polished	03 GO -- -- --
Gold 24ct mat	03 GM -- -- --

Colour	Length	Light output	Article number
Brass	160 mm	0,6 Watt	03 MO 01 -- --
Brass	260 mm	1,8 Watt	03 MO 02 -- --
Brass	360 mm	3,0 Watt	03 MO 03 -- --
Brass	460 mm	4,2 Watt	03 MO 04 -- --
Brass	560 mm	5,4 Watt	03 MO 05 -- --
Brass	660 mm	6,6 Watt	03 MO 06 -- --
Brass	760 mm	7,8 Watt	03 MO 07 -- --
Brass	860 mm	9,0 Watt	03 MO 08 -- --
Brass	960 mm	10,2 Watt	03 MO 09 -- --
Brass	1060 mm	11,4 Watt	03 MO 10 -- --
Brass	1160 mm	12,6 Watt	03 MO 11 -- --

LED Mono + Light colour:			Article number
2400K	Warm tone	RA 80+/ 750Lm/m	03 -- -- MW --
2700K	Neutral	RA 94+/ 1640Lm/m	03 -- -- MN --
3100K	Daylight	RA 94+/ 1680Lm/m	03 -- -- MT --
NEW 1800-6000K	Variable	RA 90+/ 1596Lm/m	03 -- -- MV --

03 Ductus (Nickel, Type 10)



Arm Type	Width	Article number
----------	-------	----------------

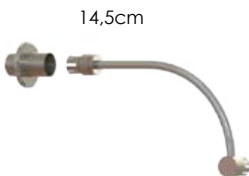
Type 10	100 mm	03 -- -- -- 10
Type 18	180 mm	03 -- -- -- 18
Type 14	140 mm	03 -- -- -- 14
Type 04	40 mm	03 -- -- -- 04
Coupling arm		



Type 04



Type 10



Type 14



Type 18

Special option dimming options (see page 91)	Article number
--	----------------

Touch-Dimmer Module	(Brightness)	50 TD 01 LD 24
DALI	(Brightness)	90 DD 24 LD 20
<div>NEW</div> Casambi App controlling	(Brightness and color temperature)	90 CD 24 LD 12

33 Piano

LED music stand lamp made of brass with black, flocked switchboard. Every pianist or organist needs good lighting to be able to read their music. This lamp solves the problem of attachment to valuable instruments. It is adjustable in height and attached to a velvet-covered board, which then becomes a music stand. The only wiring is a socket on the bass end of the keyboard. Simply unplug the transformer cable, and the board can be readily removed, together with the lamp, and the piano closed. The fluorescent tube can be rotated and the pianist can adjust the lighting him or herself. Application: music stand lighting, menu lighting.

Material: brass, illuminant: LED 3100K, LED-CEE: F, Ra: 90, ballast unit: 220-240V, secondary voltage: DC 24V/12W, panel dimensions: 380 x 250 x 12 mm, total weight: 900 g, rotatable fluorescent tube: Ø 14 mm, bracket tube: Ø 6 mm, bracket width: 190 mm

Scope of delivery: whole lamp with LED illuminant, touch dimmer, plug-in power supply (4-metre long cable) and optional black panel.

IP20



CE

Design: Horst Lettenmayer © betec

Colour

Length

Light output

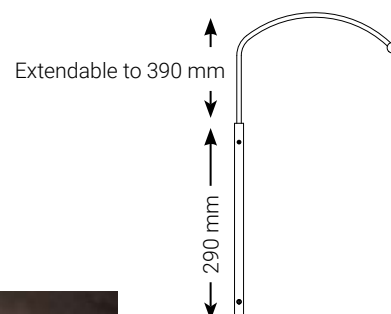
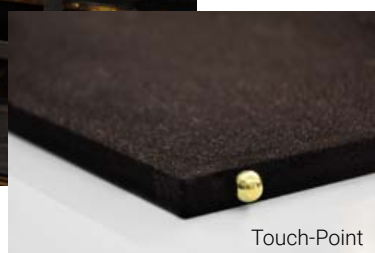
Article number

Brass

360 mm

2,5 Watt / 240 Lm

33MO03MH19





27 Galerie


Connected load for high-voltage lamps 110 – 230 V as well as for low-voltage operation (LED). Installed as a basic fitting all around rooms in the wall-ceiling joint, paintings can be hung at all heights and distances. At the same time, the electricity for a painting lamp is also conducted. The suspension pendants made of 6-mm round aluminium are available in different lengths. By simply turning them 90°, they are locked in the busbar slot and supplied with electricity. The load of each pendant is 5 kg. For higher loads, several pendants should be used where necessary. A height-adjustable picture hook is mounted at the lower end of each pendant. With this equipment, you can custom decorate and illuminate each vernissage. Ideal for walls with wood panelling or fabric covering.

Material: aluminium, colour: white RAL9016, light output: 110-230 V, Ampere: 10, rail dimensions: 36 x 12 mm, coupling piece dimensions: 40 x 25 mm, pendant head dimensions: 35 x 10 mm

IP20



Design: Horst Lettenmayer © betec

	Product	Length	Article number
	Track	2000 mm	27GS36AS12

As an addition there are the following products:



Electric picture pendu-
lum with power supply
and picture hook

1000 mm
2000 mm

27GP01OO10
27GP02OO10



Coupling piece with
Electricity feed

40 mm

27KS25PW40



32 Noctis

As a light pedestal for accentuated room lighting or as an object spotlight for three-dimensional art. Contemporary lighting design lives and breathes on the contrast of light and dark. Optical focal points are thereby emphasised with light.

Material: brass, illuminant: Power LED, LED-CEE: G, Ra: 90+, Kelvin: 3000K, base dimension: Ø 90 mm, total length: 660 mm

Scope of delivery: whole lamp with integrated ballast unit and touch dimmer.

IP20



Design: Horst Lettenmayer © betec

Length

Colour

Light output

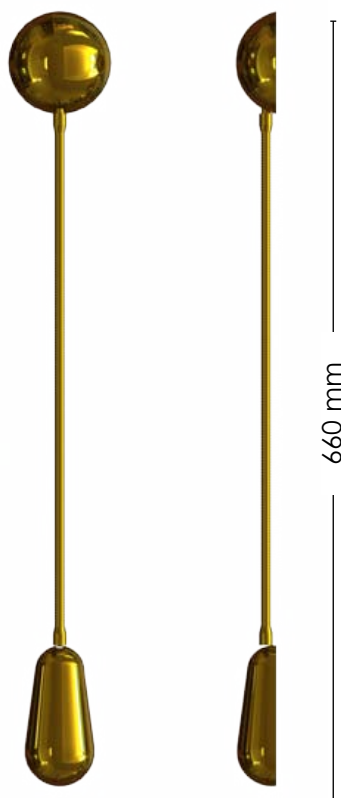
Article number

360 mm

Brass

3,5 Watt / 172 Lm

32MO03PT00





05 Acus Office

A piece of minimised technology. Aesthetics in motion and workmanship. Clear relationships as to form and functionality. The lamp is attached to the table-top with an elaborately developed, patented clamping foot. The light stand can be raised or lowered as desired. The fluorescent tube's inclination is fully adjustable from a horizontal to a vertical position. In addition, the fluorescent tube, and therefore the light output can be rotated by 140°.

All electronic components as well as the switch are located as a ballast inside the thickened fluorescent tube. The wiring is 2.5 metres in length. Two rocker arms on the lamp make assembly tools unnecessary. The elegant, handmade lamp is destined to be a classic.

Material: brass, illuminant: Power LED, LED-CEE: F, Ra: 92+, Kelvin: 3100K, rotatable fluorescent tube: Ø 18 mm, lamp length: 1300 mm, height adjustability: up to max. 800 mm, plate thickness: up to max. 35 mm

Scope of delivery: whole lamp with illuminant and plug-in power supply.

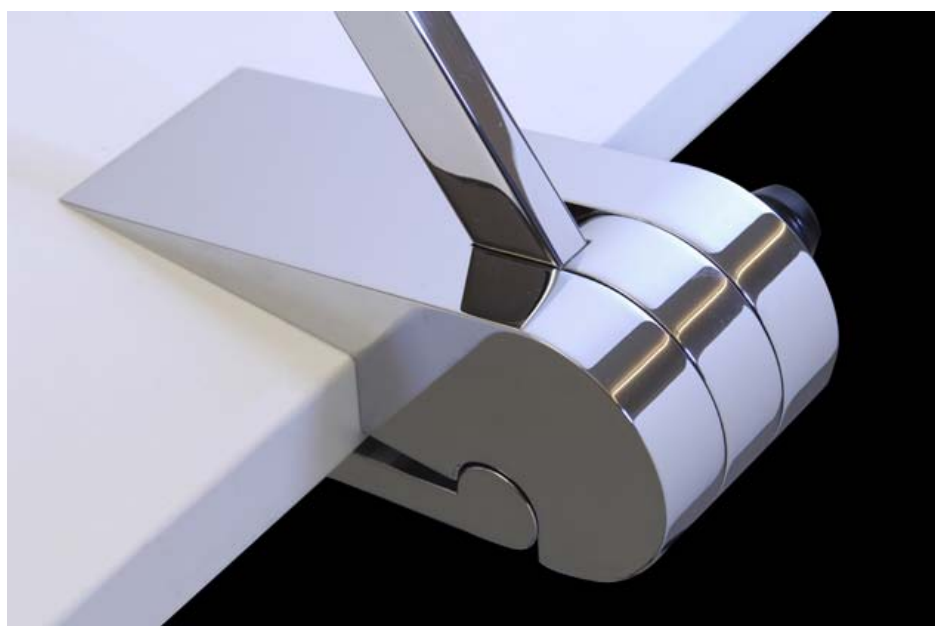
IP20



CE

Design: Horst Lettenmayer © betec

Length	Colour	Light output	Article number
1300 mm	Chrome polished	16 Watt / 1048 Lm	05CO 13 PT18





11 Centre oú

Art needs to be positioned well in a room to be effective. At the same time, the art requires special lighting. The purpose of this source of light is to place the work of art centrally for the viewer. Art does not follow light, but rather light follows art. Sculptures or pictures shape the room with their structure, colour and relief. Their effect is emphasised with this light effigy – from a warmly dimmed glow to bright white floodlights. Harmony of art and light to perfection. The brightness can be adjusted via a dimmer control.

Material: brass, illuminant: dual LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 3100K, Ra: 94+, primary voltage: 220V - 240V, primary voltage: 220V - 240V, dimmable: via touch dimmer, rotatable fluorescent tube: Ø 18 mm, total height: 950 mm, base dimensions: 100 x 100 x 50 mm

Scope of delivery: whole lamp with illuminant and power supply.

IP20



Design: Dr. Thomas Schrade & Horst Lettenmayer © betec

Length

Colour

Light output

Article number

950 mm

Nickel polished

16 Watt / 1011Lm

11NO09DT15





40 Studeo

We developed these „Biblio“ lamps for the LMU Munich-Garching library and delivered them to them. However, innovation is our goal and this is why we improved it to this new „Studeo“ version. The solution for non-reflecting light. Due to the inclined position of manuscripts on the lamp housing, the workspace for students is not halved and there are no reflections. This angle also facilitates reflection-free reading. The lamp can be dimmed on the housing and switched on and off. A USB charging socket and a 220-volt socket for charging laptops and other devices are installed in the base. The lamp is protected against vandalism.

Material: aluminium, illuminant: Duo LED, EEC: F, RA: 92+, Kelvin: 2700K, rotatable lighting profile: 15 x 15 mm – length: 400 mm, socket: 220V, housing 400 x 80 mm, operational protection for group systems used at universities, cable for single operation. In group operation, the series connection is routed under the table, gooseneck with Ø 9 mm x 300 mm. Tilttable at 2 x 45°.

Scope of delivery: lamp delivered with illuminant and diffuser cover as well as lamp fitting with integrated ballast and USB socket, on/off switch, dimmer, socket.

IP20



CE



Design: Horst Lettenmayer © betec

Colour

Light output

Article number

Aluminum powder coated

8,5 Watt

40AS40DN30





26 Cappello

The LED era makes it possible to design unconventional lighting. With this lamp, the light is no longer centre stage, but the lampshade itself is the light. Power is supplied via a 2.5 m cable power pack and a miniature jack plug directly in the lampshade, and is switched on and off using a cable switch. If you wish to greet your host with the obligatory champagne bottle in your hand for your next invitation, simply put this lampshade over the bottleneck.

Material: Fabric, illuminant: LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 2700K, Ra: 94+, primary voltage: 100V - 240V

Scope of delivery: lampshade with LED illuminant and plug-in power supply with rocker switch.

IP20



CE

Design: Horst Lettenmayer © betec

Length	Colour	Light output	Article number
250 mm	Red	7,5 Watt / 517 Lm	26 RT 25 MN 30
200 mm	Black	7,5 Watt / 517 Lm	26 SO 20 MN 30





05 Acus

Wherever illumination is desired in a room in vertical or horizontal form, this modern light needle expresses innovative elegance. Application: office, object, shop window, or stand lighting lamp for modern sculptures and large paintings.

Material: brass, illuminant: power LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 3000K, Ra: 90+, primary voltage: 220V - 240V, fluorescent tube: Ø 16 mm, base plate: Ø 294 mm, height: 2150 mm

Scope of delivery: whole lamp with illuminant, touch dimmer and plug-in power supply.

IP20



Design: Horst Lettenmayer © betec

Length	Colour	Light output	Article number
2150 mm	Chrome polished	18 Watt / 1183 Lm	05CO21PT17





11 Obelisk

Light can significantly support the emphasis on focal points in a room. With this graceful light column, walls can be brightened, or silhouettes created, in a targeted manner. All the power components are housed in the lamp's conical base. Application: office, object, shop window, and stand lighting lamp for modern sculptures and large paintings.

Material: brass, illuminant: dual LED, lifespan: 50,000 hours, LED-CEE: E, light colour: 3000K, Ra: 90+, primary voltage: 220V - 240V, fluorescent tube: Ø 34 mm, base plate: Ø 294 mm, height: 1900 mm

Scope of delivery: whole lamp with illuminant, touch dimmer and plug-in power supply.

IP20



CE

Design: Horst Lettenmayer © betec

Length	Colour	Light output	Article number
1900 mm	Chrome polished	27Watt / 2688Lm	11CO19DT00
1900 mm	Nickel mat	27Watt / 2688Lm	11NM19DT00





10 Luxus

Bright, glare-free table lamp in an „Art Deco“ style as a high-quality, hand-made designer lamp. The lamp head can be rotated up to 360° and distributes the light on tables, walls or ceilings in a pleasant way. The „Luxus“ table lamp is equipped with 7 power LEDs and is technologically very modern with a retro look.

Material: brass, illuminant: power LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 3000K, Ra: 90+, primary voltage: 220V - 240V, colour rendering index: 90, dimmable: via touch dimmer, base dimensions: 200 x 200 x 20 mm

Scope of delivery: whole lamp with illuminant, plug-in power supply and touch point.

IP20



Design: Horst Lettenmayer © betec

Length	Colour	Watt/Lumen	Article number
650 mm	Nickel polished	18Watt/1600Lm	10 NO 03 PT 01
650 mm	Brass polished	18Watt/1600Lm	10 MO 03 PT 01
1270 mm	Nickel polished	18Watt/1600Lm	10 NO 04 PT 01
1270 mm	Brass polished	18Watt/1600Lm	10 NO 04 PT 01
1850 mm	Nickel polished	28Watt/2690Lm	10 NO 05 PT 01
1850 mm	Brass polished	28Watt/2690Lm	10 MO 05 PT 01





28 Cubus

Stylish linear fluorescent LED lamp designed as a modern chandelier in aluminium. Dual strip lights with a 2400 or 3000 Kelvin light colour are located within the U-beams. This way, the core brightness is distributed over a large volume of space without glare. Its unobtrusive design provides harmonisation in both classic arcades as well as modern halls and archways. The light output is 88 watts and can be dimmed steplessly. The acrylic-covered strip lights make this lamp last up to 50,000 hours without maintenance. The length of the suspension pendant can be supplied as per the customer's wishes.

Material: aluminium, illuminant: dual LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 2700K, Ra: 94+, ceiling plate: 40 x 40 mm, suspension pendant: Ø 18 x 1200 mm, chandelier dimensions: 1200 x 400 mm, ballast 2 x 80W: 230x51x40 mm

Scope of delivery: whole lamp with built-in LED illuminant, plexiglass cover.

IP20



CE

Design: Gottfried Riesner © betec

Length	Colour	Light output	Article number
1200 mm	White	105 Watt / 3520 Lm	28 WO 12 DT 04
1200 mm	Black	105 Watt / 3520 Lm	28 SO 12 DT 04
1200 mm	Gray	105 Watt / 3520 Lm	28 GR 12 DT 04
1200 mm	Silver anodised	105 Watt / 3520 Lm	28 SE 12 DT 04





34 Apsis

The Apsis is a unique pendant light specially designed for churches to provide a to create a harmonious and spiritual atmosphere. The design is based on a traditional Lantern found in historic churches, but we have enhanced them with modern materials and technologies to achieve a perfect combination of aesthetics and functionality.

The 3 light levels of the light for the ceiling, the central nave or the prayer room are switched and controlled digitally from a control center. Using Bluetooth, a wide variety of lighting moods can be scenically supported between baptism and wedding. This retro lamp was also designed and manufactured in our manufactory.

Material: acrylic glass cylinder covered with aluminum grid, illuminant: LED, EEI: F, Light colour: 2700K, RA: 90+, chandelier dimensions: 400x150mm, ballast 1 x 80W: 230x51x40 mm.

Scope of delivery: Luminaire complete with built-in LED light source, matt Plexiglas cover, Ceiling mount and dimmable ballast. 110V - 230V, external ballast on the upper ceiling pane.

IP20



Design: Horst Lettenmayer © betec

Colour	Length	Light output	Article number
Gold anodized	400 mm	84 Watt	34AG40TN15





25 Filum

Height-adjustable pendant lighting fixture with touch dimmer and switching technology. Fluorescent tube can be rotated 360° for targeted lighting. The switching and stepless dimming functions are executed by touching the pin in the fluorescent tube. The pendant lamp is suitable for all ceiling heights, since the cable lengths can be individually adjusted. The fluorescent tube is made of brass and then plated in shiny chrome. The geometric counterweight is made of black plastic.

Material: brass, illuminant: dual LED, LED lifespan: 50,000 hours, LED-CEE: F, light colour: 3000K, Ra: 90+, dimmable: touch dimmer, primary voltage: 220V - 240V, secondary voltage: DC 24V, ECG ceiling fixture: 75 x 70 mm, rotatable fluorescent tube: Ø 18 mm

Scope of delivery: complete luminaire with ceiling mount including electronic LED ballast unit in the ceiling fixture and touch dimmer on the fluorescent tube. Pendant cords as standard for a ceiling height of 3.10 metres.

IP20



Design: Horst Lettenmayer © betec

Colour	Length	Light output	Article number
Chrome polished	891 mm	16 Watt/1536Lm	25CO 09 DT16
Chrome polished	1191 mm	22 Watt/2112Lm	25CO 12 DT22
Chrome polished	1491 mm	27 Watt/2688Lm	25CO 15 DT28





12 Hamus

Wall and ceiling light with an aesthetic plastic housing (polycarbonate). Rotatable, with one or two arms and a 4-watt LED spot. Application: whether as a picture light or as a ceiling spot, this variable, complete lamp fulfils all requirements. The plastic cylinder can be fixed into drywall ceilings.

Material: polycarbonate & brass, illuminant: LED, illuminant base: GX 5.3, LED-CEE: F, secondary voltage: DC 12V, primary voltage: 220 - 240V, 12W ballast unit: Ø 55 x 23 mm

Scope of delivery: whole lamp with integrated ballast unit without LED lamp.

IP20



Design: Horst Lettenmayer © betec

Length	Colour	Articlenumber
Hamus 1	White / Nickel	12WN 01 LD01
Hamus 1	Black / Nickel	12SN 01 LD01
Hamus 2	White / Nickel	12WN 02 LD01
Hamus 2	Black / Nickel	12SN 02 LD01

As an addition there are the following products:

LED bulbs	2700 K / 4W / 12V / 30°	88LD04OO30
Spot mount	White	62 WO 01LO00
Spot mount	Black	62 SO 01LO00





30 Folium

Classic wall lights brighten things up. This lamp's decor takes you on the path of your dreams. As a lamp manufacturer, we not only take care of lighting, but also want to create an atmosphere in which you feel good. Spend your next holidays at home.

Material: powder-coated aluminium, illuminant: power LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 3000K, Ra: 90+, dimensions: 1900 x 180 mm

Scope of delivery: whole lamp with wall bracket and plug-in power supply.

IP20



Design: Horst Lettenmayer © betec

Length

Colour

Light output

Article number

1900 mm

Green/Gold

15 Watt / 986 Lm

30GG19PT00





09 Palus

Decorative wall lamp with integrated transformer for two light sources. The technical details are excellently supported by the exciting design. A wall and ceiling spotlight that reflects drawings of light as symmetrical patterns on walls and simultaneously covers floor and ceiling. Application: can also be used as a directional aid in offices and public buildings. In cinemas, museums, foyers, private entrances and clinics as wall brighteners, and to give bistros and cafés a better ambience.

Material: painted aluminium, illuminant: LED 2 x 4W, illuminant base: GX 5.3, LED-CEE: F, secondary voltage: DC 12V, primary voltage: 220 - 240V, 12W ballast unit: integrated.

Scope of delivery: whole lamp with 2 LED lamps and wall bracket.

IP20



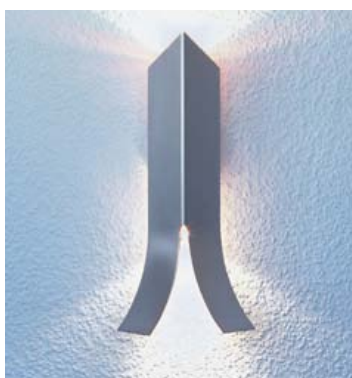
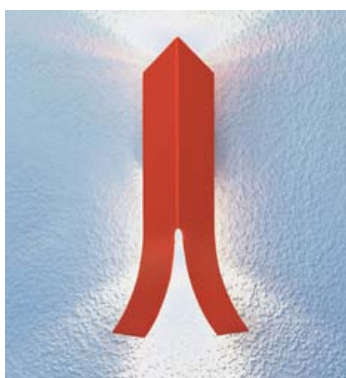
CE

Design: Horst Lettenmayer © betec

Colour	Length	Light output	Article number
White	400 mm	8 Watt	09 WO 02DN02
Red	400 mm	8 Watt	09 RO 02DN02
Silver	400 mm	8 Watt	09 AO 02DN02

The following product is available as illuminant:

2700 K	Illuminant above	1 x 4W / 30°	88LD04OO30
2700 K	Illuminant below	1 x 4W / 60°	88LD04OO60





14 Oyster

True to its name, the shell-shaped lamp bowl offers a large propagation of light. The powerful LED light with 3000 Kelvin gives this shapely product a wide range of applications. As wall lighting for halls and rooms. Therefore, this lamp offers good lighting for walls and ceilings.

Material: cast aluminium and stove-enamelled in white or anodised in silver, illuminant: LED 28W, EEC: F, dimensions: 352 x 235 x 168 mm, secondary voltage: DC 12V, primary voltage: 110/230V, ballast 30W: integrated.

Scope of delivery: lamp delivered with built-in LED illuminants.

IP20



Design: Horst Lettenmayer © betec

Colour	Light output	Article number
Painted white	28 Watt	14 WO 01MT01
anodised silver	28 Watt	14 AO 01MT01





10 Luxus

Powerful, glare-free wall lamp in the style of „Art Deco“ as a high quality handmade design lamp. The light head can be rotated up to 360 ° and pleasantly distributes the LED light on the wall or on the ceiling. The „Luxus“ is equipped with 120 Power PCS LEDs. Modern technology in a retro guise.

Material: brass, illuminant: Power LED, RA: 92+, lifespan: 50,000 hours, efficiency class: A ++, light color: 3000K, voltage primary: 220V - 240V

Scope of delivery: Luminaire complete with illuminant and integrated ballast in the wall base.

IP20



Design: Horst Lettenmayer © betec

Length

Colour

Light output

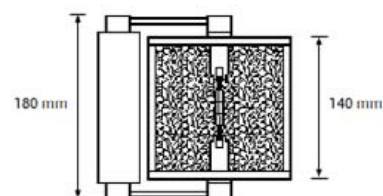
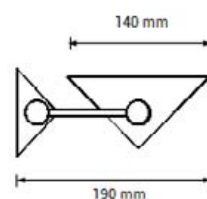
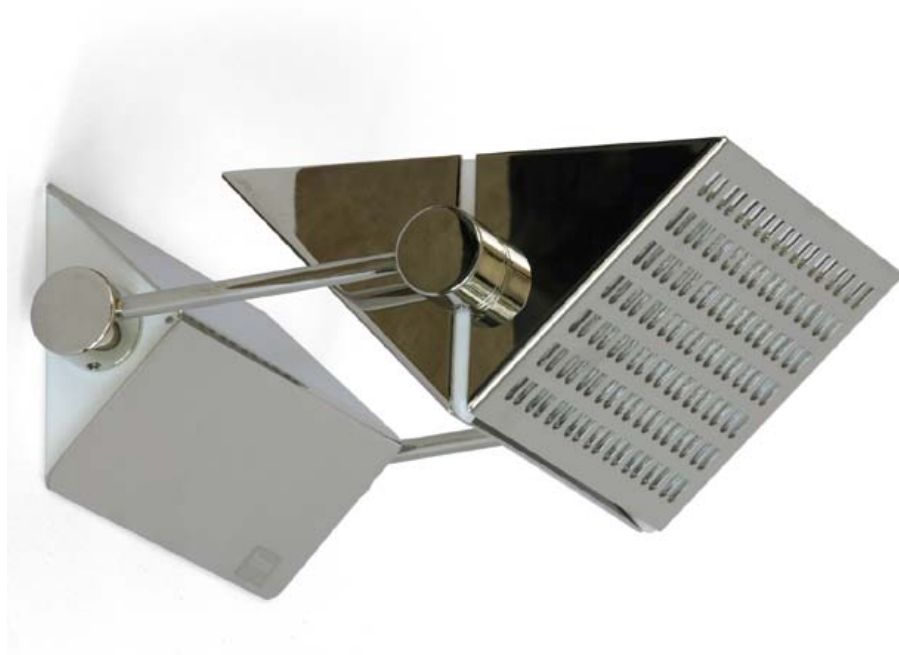
Article number

190 mm
190 mm

Nickel glanz
Messing glanz

18Watt/1600Lm
18Watt/1600Lm

10NO01PT01
10MO01PT01





15 Etagere

Shelf lamp for retrofitting. An aluminium angle profile equipped with a continuous LED strip and a transparent cover. This lamp can also be delivered according to customers' specified dimensions. Whether in the private or in the commercial sector, these types of light walls manage to make rooms appear larger. At the same time, their decorative effect enriches the ambience of rooms significantly.

Material: aluminium, illuminant: Duo LED, EEC: F, light colour: 3000K, RA: 94+, voltage: 110-230V/24V, profile dimensions: 18 x 18 mm, dimmable

Scope of delivery: whole lamp with cover and plug-in power supply.

IP20



CE

Design: Horst Lettenmayer © betec

Colour	Length	Light output	Article number
Silver Anodized	560 mm	13 Watt/1760Lm	15AS05DN00
Silver Anodized	1000 mm	23 Watt/3040Lm	15AS10DN00





15 Vestiaire

The classic wardrobe rail has now turned into wardrobe lighting. High-quality brass tube with two decorative rings enclosed by a continuous LED light strip with a 3000 Kelvin light colour. This lighting makes the often tedious choice of what to wear easier. If the wardrobe doors are closed, the light will then automatically switch on when the doors are opened. On request, the lamp can also be delivered according to the dimensions you need.

Material: brass, illuminant: power LED, lifespan: 50,000 hours, LED-CEE: F, light colour: 3000K, Ra: 92+, primary voltage: 220V - 240V, secondary voltage: DC 24V, tube dimensions: Ø 34 mm

Scope of delivery: whole lamp with two decorative rings, diffuser cover and mounting blocks as well as the ballast unit. (Cabinet switch will be charged extra)

IP20



CE

Design: Horst Lettenmayer © betec

Colour	Length	Light output	Article number
Brass polished	500 mm	9,5Watt/625Lm	15MO05PT00
Chrome polished	500 mm	9,5Watt/625Lm	15CO05PT00
Brass polished	750 mm	19Watt/1250Lm	15MO07PT00
Chrome polished	750 mm	19Watt/1250Lm	15CO07PT00

As an addition there are the following product:

Door pressure switch

65DS00LD00





29 Magnus

High-quality 6 mm crystal mirror with indirect circular LED lighting. A dimmer switch on the back of the mirror can regulate the brightness steplessly. We make this high-quality product in our lamp manufactory. A highly decorative spatial element. Perfect for beauty areas as a make-up mirror, in theatres or hotels. Due to its enormous size, this mirror meets all requirements for customer presence.

Material: brass, illuminant: Power LED, EEC: F, light colour: 3000K, Ra: 92+, mirror shell: Ø 110 cm, deph: 11,5 cm, mirror: Ø 90 cm

Scope of delivery: complete mirror with illuminant, touch dimmer, ballast unit and wall mount.

IP20



CE

Design: Formstelle © betec

Colour

Light output

Article number

Brass polished
Brass mat

95 Watt / 6165Lm
95 Watt / 6165Lm

29MO11PT00
29MM11PT00





06 Make up 3

The illuminated make-up mirror lends every room an exclusive elegance. In addition to the modern design, the warm light of the LED illuminant also provides optimal lighting. These mirror lights frame your reflection with light. Whether you angle the pivotable light to reflect off the mirror or to face you for direct illumination is up to you. These lights are plug-in, so they are easy to access for servicing at any time.

Material: brass, illuminant: single LED, lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220V - 240V, secondary voltage: DC 24V, 2x lamps 880mm & 1x lamp 470mm, ballast unit 30W: 107x41x22 mm, rotatable fluorescent tube: Ø 14 mm, borehole: Ø 18 mm

Scope of delivery: whole lamp with illuminant and ballast unit without mirror.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	06 MO 03 -- 03
Chrome	06 CO 03 -- 03
Nickel polished	06 NO 03 -- 03
Nickel mat	06 NM 03 -- 03

Product	Light output	Article number
2x 880mm & 1x 470mm	16 Watt	06 -- 03 -- 03

LED-Light colour:

	2400K	Warmton	RA 80+/ 750Lm/m	06 -- 03 MW 03
	2700K	Neutral	RA 94+/ 1640Lm/m	06 -- 03 MN 03
	3000K	Tageslicht	RA 94+/ 750Lm/m	06 -- 03 MT 03
NEW	1800-6000K	Variable	RA 90+/ 1596Lm/m	06 -- 03 MV 03

Special option dimming options (see page 91)	Article number
Touch-Dimmer Module (Brightness)	50 TD 01 LD 24
DALI (Brightness)	90 DD 24 LD 20
NEW Casambi App controlling (Brightness and color temperature)	90 CD 24 LD 12



06 Make up 5

Plug-in attachment light in a 24mm-diameter frosted glass tube. Creates optimal light distribution in the mirror, in the room and on the viewer. A flattering, first-class make-up lamp. With a patented LED illuminant. This mirror was developed as a make-up mirror for TV makeup artists. This geometry of the light is supported by the 3-strip LED tube, developed by us, with a beam angle of 3 x 130 degrees. These lights are plug-in, so they are easy to access for servicing at any time.

Material: brass, illuminant: single LED, lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220V - 240V, secondary voltage: DC 24V, fluorescent tube: Ø 24 mm, glass tube: matted glass

Scope of delivery: whole lamp with LED illuminant and dimmable ballast unit without mirror.

IP20



CE

Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	06 MO -- -- --
Chrome	06 CO -- -- --
Nickel polished	06 NO -- -- --
Nickel mat	06 NM -- -- --

Length	Light output	Article number
581 mm	15 Watt	06 -- 06 -- 05
881 mm	24 Watt	06 -- 09 -- 05

LED Trio + Light colour:				
2400K	Warmton	RA 80+/ 750Lm/m	06 -- -- TW	05
2700K	Neutral	RA 94+/ 1640Lm/m	06 -- -- TN	05
3000K	Tageslicht	RA 94+/ 750Lm/m	06 -- -- TT	05
NEW 1800-6000K	Variable	RA 90+/ 1596Lm/m	06 -- -- TV	05

Special option dimming options (see page 91)	Article number
Touch-Dimmer Module (Brightness)	50 TD 01 LD 24
DALI (Brightness)	90 DD 24 LD 20
NEW Casambi App controlling (Brightness and color temperature)	90 CD 24 LD 12



06 Make up 6

Inspired by the „Art Deco“ era, this form shows classical modesty and cool aloofness. Here, too, you can choose the colour combination you want for the white frosted glass tube and metallic accessory. Double-light fixture, mounted in the mirror. A flattering, first-class make-up lamp. The rotatable LED tubes achieve optimal lighting due to their distance from the mirror. This mirror was developed as a make-up mirror for TV make-up artists. These lamps are plug-in, so they can be accessed for servicing at any time.

Material: brass, illuminant: triple LED, LED lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220V - 240V, secondary voltage: DC 24V, fluorescent tube: Ø 34 mm, glass tube: matted glass

Scope of delivery: whole lamp with LED illuminant and dimmable ballast unit.

IP20



CE

Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	06 MO -- -- --
Chrome	06 CO -- -- --
Nickel polished	06 NO -- -- --
Nickel mat	06 NM -- -- --

Length	Light output	Article number
581 mm	15 Watt	06 -- 06 -- 06
881 mm	24 Watt	06 -- 09 -- 06

LED Trio + Light colour:

2400K	Warmton	RA 80+/ 750Lm/m	06 -- -- TW 06
2700K	Neutral	RA 94+/ 1640Lm/m	06 -- -- TN 06
3000K	Tageslicht	RA 94+/ 750Lm/m	06 -- -- TT 06
NEW 1800-6000K	Variable	RA 90+/ 1596Lm/m	06 -- -- TV 06

Special option dimming options (see page 91)	Article number
Touch-Dimmer Module (Brightness)	50 TD 01 LD 24
DALI (Brightness)	90 DD 24 LD 20
NEW Casambi App controlling (Brightness and color temperature)	90 CD 24 LD 12



06 Make up 7

Optimal mirror lamp that provides simultaneous room lighting in a classic design. Ideally suited for economical room lighting in guest toilets. The lamp can be mounted either on the wall or on the back of the mirror.

Material: brass, illuminant: triple LED, LED lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220V - 240V, secondary voltage: DC 24V, fluorescent tube: Ø 34 mm, glass tube: matted glass

Scope of delivery: whole lamp with LED illuminant, assembly set and dimmable ballast unit.

IP20



CE

Design: Horst Lettenmayer © betec

Colour

Article number

Brass polished
Chrome
Nickel polished
Nickel mat

06 **MO** -- -- --
06 **CO** -- -- --
06 **NO** -- -- --
06 **NM** -- -- --

Length

Light output

Article number

581 mm
881 mm

15 Watt
24 Watt

06 -- **06** -- 07
06 -- **09** -- 07

LED Trio + Light colour:

2400K Warmton
2700K Neutral
3000K Tageslicht
NEW 1800-6000K Variable

RA 80+/ 750Lm/m
RA 94+/ 1640Lm/m
RA 94+/ 750Lm/m
RA 90+/ 1596Lm/m

06 -- -- **TW** 07
06 -- -- **TN** 07
06 -- -- **TT** 07
06 -- -- **TV** 07

Special option dimming options (see page 91)

Article number

Touch-Dimmer Module (Brightness)
DALI (Brightness)
NEW Casambi App controlling (Brightness and color temperature)

50 TD 01 LD 24
90 DD 24 LD 20
90 CD 24 LD 12



06 Make up 8

Extremely minimalistic and yet supremely functional. Assembled as one line of light, this lamp brightens entire rooms. Because the light shines both directly and indirectly into the room, there is no need for additional room lighting. The LED version can be rotated so that the brightness level between direct and indirect lighting can be changed. Application: bathrooms, dressing rooms in private areas, as well as in hotels.

Material: brass, illuminant: triple LED, lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220V - 240V, secondary voltage: DC 24V, fluorescent tube: Ø 18 mm, glass tube: matted glass

Scope of delivery: whole lamp with LED illuminant and dimmable ballast unit.

IP20



Design: Horst Lettenmayer © betec

Colour	Article number
Brass polished	06 MO -- -- 08
Chrome	06 CO -- -- 08
Nickel polished	06 NO -- -- 08
Nickel mat	06 NM -- -- 08

Length	Light output	Article number
586 mm	15 Watt	06 -- 06 -- 08
886 mm	24 Watt	06 -- 09 -- 08
1186 mm	33 Watt	06 -- 12 -- 08

LED Trio + Light colour:

2400K	Warmton	RA 80+/ 750Lm/m	06 -- -- TW 08
2700K	Neutral	RA 94+/ 1640Lm/m	06 -- -- TN 08
3000K	Tageslicht	RA 94+/ 750Lm/m	06 -- -- TT 08
NEW 1800-6000K	Variable	RA 90+/ 1596Lm/m	06 -- -- TV 08

Special option dimming options (see page 91)	Article number
Touch-Dimmer Module (Brightness)	50 TD 01 LD 24
DALI (Brightness)	90 DD 24 LD 20
NEW Casambi App controlling (Brightness and color temperature)	90 CD 24 LD 12



06 Discus

High-quality crystal mirror with indirect circular illumination with 56 LED modules connected in series. This design has an extravagant feel. The LED ring light will envelop your face in a flattering but honest manner. A prominent shape highlights your prominent features. It is only natural then that this mirror does not tolerate anything in its reflection apart from what it is supposed to show. The light illuminates the person facing it either as a standing version or as a wall mirror. The lamp can be regulated steplessly with a dimmer switch and ballast unit. Application: as a make-up mirror in bathrooms, theatres or hotels.

Material: brass, illuminant: LED, lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220 - 240V, mirror circumference: Ø 520 mm, height of the stand: 340 mm, total height: 860 mm

Scope of delivery: whole mirror with illuminant, touch dimmer and ballast unit.

IP20

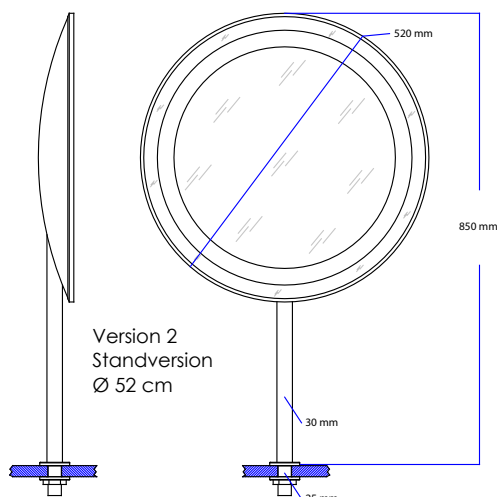


CE

Design: Horst Lettenmayer © betec

Colour	Type	Light output	Article number
Chrome polished	Stand version	28 Watt	06CO10MT02

LED Mono + Light colour:			-- -- -- M --
2400K	Warm tone	RA 80+ / 750 Lm	06 -- -- MW --
2700K	Neutral	RA 90+ / 1640 Lm	06 -- -- MN --
3000K	Daylight	RA 90+ / 750 Lm	06 -- -- MT --





22 Disque

The first LED swimming pool spotlight that is also suitable for retrofitting. The name Disque is based on the design of this swimming pool spotlight with an extremely flat back that does not require indented pool walls. This means that the spotlight can be easily installed or retrofitted in a tiled pool or a pool with tried and tested pool liners.

Due to the newly integrated PCS module, there is no temperature control within the spotlight, which allowed for the flat design. The entire spotlight is made of high-quality V4A stainless steel, polished and cast on the inside without bubbles. The front glass is made of VSG safety glass. 16 mm installation height. The LED light is steplessly dimmable (PWM ballast on request).

Material: V4A stainless, polished, anti-algic, diameter: Ø 185 mm, depth: 16 mm, illuminant: LED, operating voltage: 24V, EEC F, light colour: 3000 Kelvin, RA: 92+, total: 2500 mA, light field: 700 x 850 mm, beam angle: 130°, range: 8 m at 50%

Scope of delivery: a spotlight with encapsulated LEDs, fastening set and 110-230V/30W plug-in power supply. With 5 metres of cable.

IP68



CE

Design: Horst Lettenmayer © betec

Length

Colour

Light output

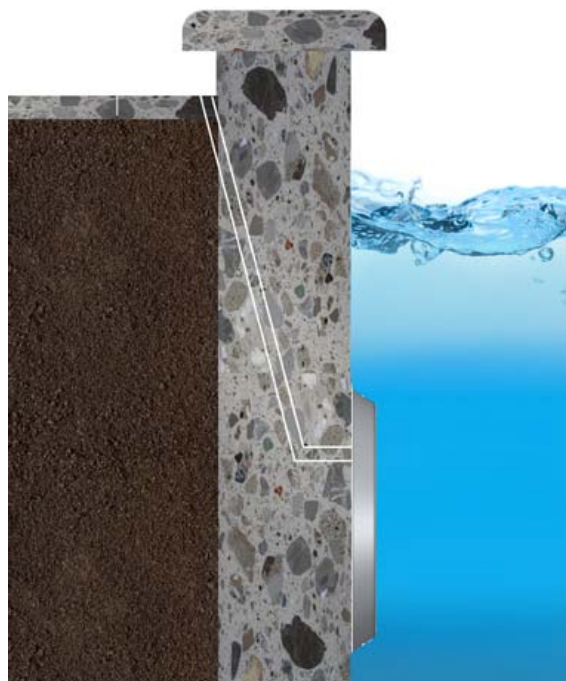
Article number

185 mm

V4A polished

21Watt/3000Lm

22VA18PT21





16 Planus

A complete lighting system with integrated transformer for max. 2 m busbar, which is snapped into the aesthetically shaped cover housing with a clip. The position of the conductor in the housing is variable. Centralised or projecting left-right. The standard Lux 1 spot has a joint that can be tilted by 180°. Version 2 comes with our Lux 3 spot, whose light reaches all areas thanks to a double gimbal joint. Application: lighting system for low ceilings, small rooms such as children's rooms, corridors, cloakrooms, stairwells; can also be used as a decorative wall lamp in cinemas or on columns.

LED-CEE: F, illuminant: LED, socket: GX 5.3, 1-ballast unit 30W: 107x41x22 mm, dimmability: limited

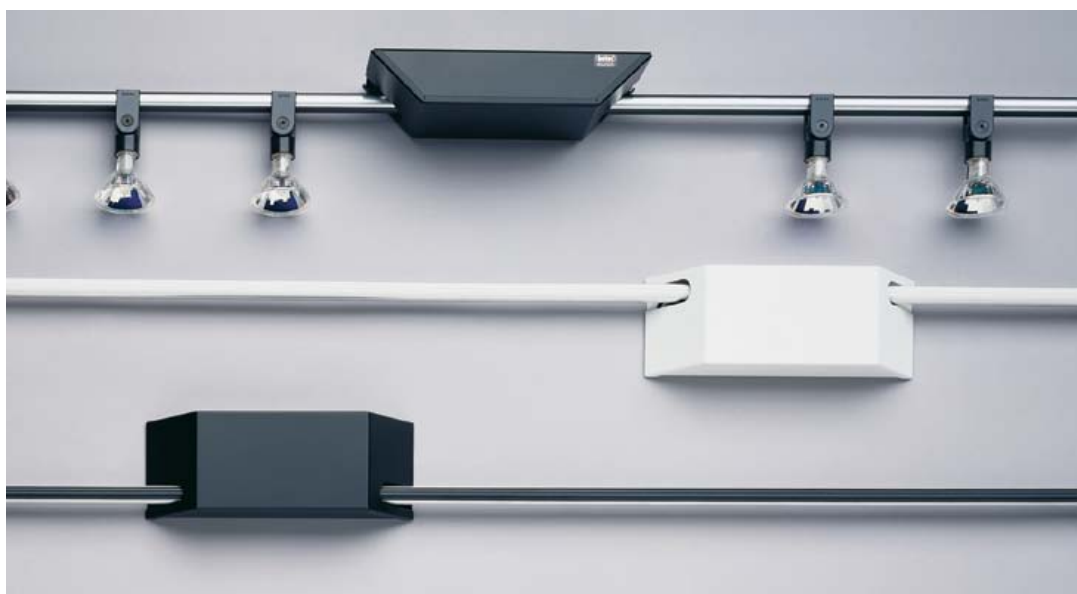
Scope of delivery: transformer, busbar with 2 retaining clamps for the rail, spots (Lux 1 or Lux 3) without illuminant. The transformer colour is the same as the rail colour.

IP20



Design: Horst Lettenmayer © betec

Colour	Length	Illuminant	Article number
White & Nickel	2000 mm	5 x LED Lux 1	16WN02LD01
Black & Nickel	2000 mm	5 x LED Lux 1	16SN02LD01





19 Galaxis

As far as its conductivity and light output capability is concerned, our galaxy system is the smallest low-voltage busbar system on the market. The circular conductor with a diameter of 15 mm integrates two conductor profiles of nickel-plated or gold-plated colour with a single cross-section of 55 mm². This means you can have a long rail control system without a drop in voltage. Single rails can be mechanically and electrically connected using plug pins or coupling shells. The toroidal transformer with 300 VA integrated in the system acts as a voltage source (dimmability is limited). Two triangular plates are used to supply power to the rail and for optimal adjustment within the room.

Transformer: 300 VA toroid with thermal switch and miniature fuse, light output: max. 250 watts, LED efficiency class: C, illuminant: MR16, socket: GX5.3, 300W encapsulated transformer: 140 x 50 x 37 mm, dimmable: yes (electrically), limited suitability for LED lamps

Scope of delivery: transformer, busbar with 2 retaining clamps for the rail, spots (Lux 1 or Lux 3) without illuminant. The transformer colour is the same as the rail colour.

IP20



Design: Horst Lettenmayer © betec

Colour	Length	Article number
Weiß & Nickel	2000 mm	19WN02TR01
Schwarz & Nickel	2000 mm	19SN02TR01




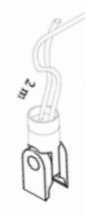

The following clamp-on spots without bulbs with a GX5.3 base are available as an add-on, which can be ordered according to customer requirements:

Schwarz		Lux 1	69SL01OO05
Weiß		Lux 1	69WL01OO05
Schwarz		Lux 3	69SL03OO05
Weiß		Lux 3	69WL03OO05



69 Galaxis & Planus

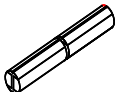
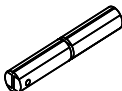
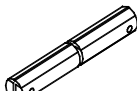
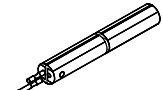
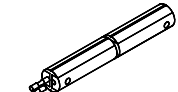
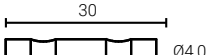
The standard spot Lux 1 has a joint that can be tilted by 180°. The Lux 3 has a cardanic double joint which reaches every point in the room with light.

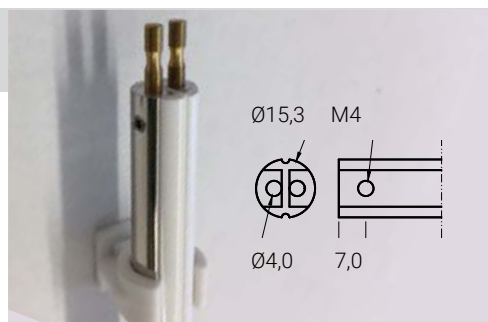
Product		Version	Colour	Article number
Lux 1 Clamp spotlight holder - without Bulb		GX5,3 Socket max. 50 Watt	Black White	69SL01OO05 69WL01OO05
Lux 3 Clamp spotlight holder - without Bulb		GX5,3 Socket max. 50 Watt	Black White	69SL03OO05 69WL03OO05
Pinza 1 Galaxis Rail bracket			Black White	69SO01PO00 69WO01PO00
Pinza 2 Galaxis Rail bracket incl. electricity feed			Black White	69SO02PO00 69WO02PO00
Pinza 3 Planus Rail bracket			Black White	69SO03PO00 69WO03PO00



69 Galaxis

The advantage of the galaxy system is that users, architects, planners and project planners can custom-design their lighting concept. Our pin connectors are the latest form of our connection technology, which connects the busbars to one another both mechanically and electrically, but without any effect on the decor. This requires a pin hole in the aluminium conductor.

Length		Colour	Article number
1000 mm		White & Nickel	69WN00GL01
2000 mm		White & Nickel	69WN00GL02
For coupling with decorative connectors:			
Thread on one side		White & Nickel	69WN01GL01
1000 mm		White & Nickel	69WN01GL02
2000 mm			
Thread on both sides		White & Nickel	69WN02GL01
1000 mm		White & Nickel	69WN02GL02
2000 mm			
For coupling with feed:			
Pin hole on one side		White & Nickel	69WN01GS01
1000 mm		White & Nickel	69WN01GS02
2000 mm			
Pin hole on both sides		White & Nickel	69WN02GS01
1000 mm		White & Nickel	69WN02GS02
2000 mm			
Pin connector (Pair)		Brass	69MO10SV18



Colour	Article number
Black & Nickel	69SN00GL01
White & Gold	69WG00GL01
Black & Gold	69SG00GL01

51 Conversion LED Clarus

The EU Lamp Regulation affects both the 100W-80W incandescent lamp and small lamps. In this context, we would like to point out that we can no longer acquire the following festoons:

12V, 5W / 15V, 5W / 18V, 5W / 24V, 5W / 48V, 5W

For reasons of increased light efficiency and a significantly increased lifespan of 50,000 hours, we will retrofit your picture lights that have festoon lamps using versions of the latest LED technology. Increased luminous efficacy with only 10% of the previous electricity consumption, without the lamp or the object heating up.

Illuminant: single LED, lifespan: 50,000 hours, LED-CEE: F, primary voltage: 220V-240V, secondary voltage: DC 24V, 20W ballast unit: 94 x 36 x 18 mm

For safety reasons, retrofittings may only be carried out by electrical industry specialists. Therefore, you should send your lamp to us for retrofitting.

IP20



CE

Design: Horst Lettenmayer © betec

Length	Bulbs & Light output			Article number
265 mm	5	x	48Volt 5Watt	51 UB 26 -- 24
475 mm	10	x	24Volt 5Watt	51 UB 47 -- 24
595 mm	13	x	18Volt 5Watt	51 UB 59 -- 24
725 mm	16	x	15Volt 5Watt	51 UB 72 -- 24
900 mm	20	x	12Volt 5Watt	51 UB 90 -- 24

LED Mono + Light colour:				Article number
2400K	Warm tone	RA 80+/	750Lm/m	51 -- -- MW --
2700K	Neutral	RA 94+/	1640Lm/m	51 -- -- MN --
3000K	Daylight	RA 94+/	750Lm/m	51 -- -- MT --
NEW 1800-6000K	Variable	RA 90+/	1596Lm/m	51 -- -- MV --

Special option dimming options (see page 91)			Article number
Touch-Dimmer Module	(Brightness)		50 TD 01 LD 24
DALI	(Brightness)		90 DD 24 LD 20
NEW Casambi App controlling	(Brightness and color temperature)		90 CD 24 LD 12

Electronic components

These are always dimmable via phase start and phase cut.
Voltage primary: 220-240V, voltage secondary: DC 24V.
Also available in 110V on request.



Power	Dimensions	Article number
20 Watt	94x36x18 mm	90 VD 24 LD 20
30 Watt	107x41x22 mm	90 VD 24 LD 30
40 Watt	133x46x24 mm	90 VD 24 LD 40
80 Watt	170x50x30 mm	90 VD 24 LD 80

DALI

Voltage primary: 100-277V input, output voltage: 830mA



Power	Dimensions	Article number
20 Watt	94x36x18 mm	90 DD 24 LD 20

Casambi app control

Group control via Bluetooth app possible. Infinitely variable adjustment of brightness and color temperature for up to 10 lights.



Power	Dimensions	Article number
120 Watt	54x29x14 mm	90 CD 24 LD 12

Our external touch dimmer module is attached behind the picture frame and enables lights to be dimmed directly by touching the metal edge.



Power	Dimensions	Article number
70 Watt	50x18 mm	50 TD 01 LD 24

Special lamps

Project Borgeaud bibliotheques, Médiathèque l'Apostrophe Chartres

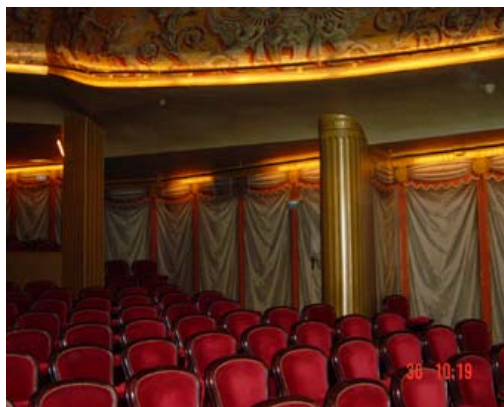
March 2007



This light meets high photometric and aesthetic demands for the areas of architecture, interior design and the treatment of furniture. The ideal bookshelf lighting.

Project Théâtre du Capitole Toulouse

February 2002



If large paintings with powerful images are illuminated, a great picture light is required for the optical balance between the image and the light. Our "Maximus" can be adapted to optimally illuminate images with widths of several meters.

Special lamps

“Ruhe Christi” Church Rottweil

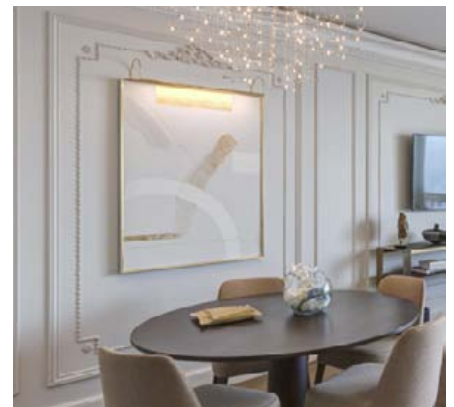
Februar 2018



A betec was installed in the church in 1715 to illuminate the music of the new „Klais Organ“ Organ-light installed. This lamp harmonises ideally with the Swabian Baroque.

“Hotel de Paris” in Monaco

Dezember 2019

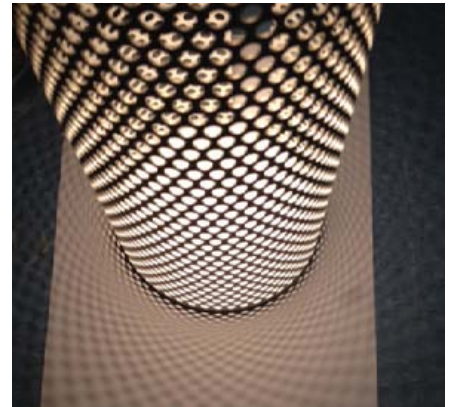


All of the painting lighting in the suites and rooms of this renowned hotel support the aura and well-being of the guests.

Special lamps

Project Phoenix Restaurant at the Dreischeibenhaus Düsseldorf

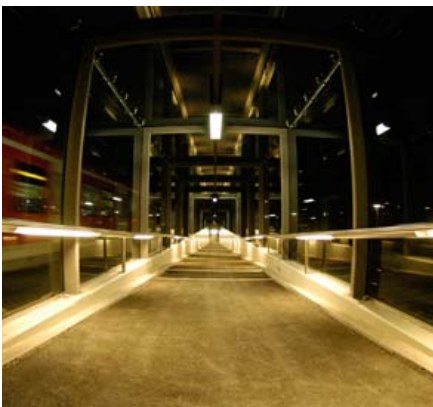
February 2016



Special lights made of stainless steel V2A with Halogène bulbs. Design and production of 30 hanging lights and table lamps with fabric-covered cables, designed by the company Kromayer. The perforated metal cylinders have been manufactured and enameled by a German contractor.

Project suburban railway station in Untermenzing

December 2005



Long distance light for indoor and outdoor area lighting with fluorescent tubes. The light housing is made of anodised aluminium. The position of reflectors makes it possible to reflect 100% of the light output of the tube onto a flat surface. At the same time, permanently mounted tubes serve as a handrail strip.

Special lamps

Library Technical University Garching

December 2017



Customization of the desk lamps with movable arm and console, including USB plug, on/off switch and Socle. 7 Watt, 4000 Kelvin LED light. Surface paint colour DB702.

Archbishop's Ordinariate / Palais Holnstein

September 2017



Wall lamp in the courtyards of the Archbishop's ordinariate. Design: Walter Bamberger / Technical implementation: betec Licht AG

Special lamps

Chandelier LED

April 2017



This chandelier was produced for a construction project in Munich, according to the design of Mr. Gottfried Riesner. We are pleased to continue to include this pendant light in our standard range.

"Salle des illustres" in Toulouse, Picture lighting and ceiling spotlights

Februar 2016



When large and powerful paintings should be illuminated, a larger picture light is used for the optical balance between the image and the light. Our „Maximus“ can be customized to optimally illuminate images with widths of several meters.

General standard terms and conditions

1. General: with the order confirmation the buyer accepts our delivery conditions to be legally binding unless deviations hereto we agreed to before in writing. They are applicable without any exception in those cases in which the buyer regards his conditions as the only decisive ones. Our silence in regard to the conditions of the purchaser can under no circumstances be regarded as acceptance of same. Any non-compliance with our conditions by the purchaser authorizes us to take the necessary legal steps. Every agreement with us or our representatives needs our written confirmation. The use of the Uniform Laws of 17. July 1973 on the International Purchase of movable items and the closing of International Purchase Orders is excluded.
2. Offers are subject to alteration without notice and are not binding in regard to delivery. We can neither be held responsible for malshipments due to misunderstanding in telexes, telephone, cable, fax or oral information nor from otherwise incomplete or unclear statements, documentation, drawings, samples etc.
3. Prices are ex works, excluding packaging, plus VAT. The agreed prices are based on the cost factor existing at the time of ordering. We retain the right to price corrections in case the cost factors change due to wage- and material price increases, additional working steps in special makes, etc.
4. The duty to deliver will not be cancelled through delayed partial shipments or constant objections, especially in case of custom-made items. Contract completed orders are subject to recall within the agreed period, at the latest after six months. Thereafter we are entitled to either deliver the remainder of the order or cancel the rest. a) A return of goods will only be credited in case of previous consent. The undamaged products in original packaging will be credited with 80% of the invoice price. Necessary extra work and packaging costs plus transportation charges will be subtracted without any prior notice. Custom-made products will not be reaccepted. b) The minimum order value for any shipment is € 50,- (without VAT). For deliveries below this amount a proportionate processing charge of € 10,- (excl. VAT) plus the packaging and shipment costs will be charged. c) Whenever planning or production of special equipment became necessary for the make of the cancelled goods, then those costs will also have to be reimbursed completely; furthermore expenses for any pre-material plus their respective stock and administration charges as far as not intended for any other purpose. Any failures resulting from force majeure or disturbances internally or at our suppliers' plus non-compliance with our payment conditions does not release us from our duty of delivery and justify no claims for compensation. Basically, we can only be bound to delivery if the credit-worthiness of the purchaser is beyond all doubt. A basic ruling of this company is that first orders are subject to C.O.D. deliveries. Our new customers therefore allow us with their first order to send an advance invoice at the latest when goods are ready for shipment which they may regulate with discount. After receipt of payment we will then immediately undertake the shipment. For slow customers the C.O.D.-delivery remains in effect.
5. The given delivery time is dependent upon the prerequisite of a smooth business course and an even production run together with the timely receipt of necessary raw materials. Our information is calculated from the date of confirmation, resp. clarification of all details and refer to the shipment date ex works. An extension of delivery time may be given, e.g. if the purchaser does not keep our business conditions.
6. Tolerances in regard to measurement and material are to be granted as is common also for those according to drawings. Claims exceeding these are subject to a respective surcharge.
7. Special makes, differing from the standard version can only be considered if included in the order or furnished with an order no. If a special product - in spite of most careful planning and calculation - can not be made as laid down in the offer, the purchaser is not entitled to ask for damages. Any costs for the make of tools and samples are to be reimbursed in any case.
8. Packaging is invoiced at prime cost and due to lack of regulations is done in our judgment. The prompt acceptance of the goods through the Post Office, Railway etc. confirm the faultless packing of our goods.

9. Dispatch of goods takes place on account of the purchaser: The risks transferred to the purchaser the moment the goods leave the factory, disregarding whether free of charge, fob or CIF shipments were agreed. If no special transportation mode and no special way are specified, we select the transportation means ourselves. Foreign carriage cannot be compensated. We cannot be held liable for any delays or additional costs for the transportation. We are at all times entitled to shipment by C.O.D., ask for advance payment resp. insure the goods for a small fee.

10. Complaints in regard to number resp. quality of goods can only be considered, if they were handed in in writing within 7 days after receipt of goods. Evidently faulty goods that are still in the shipment state, will be replaced or reworked only irrespective the right to reduce the remuneration or cancel the order when failing the afterwork or replacement delivery, if goods are being returned to us within the permissible complaint period and amounts to more than 5% of the whole shipment. A return of shipped goods may only take place with our consent. All replaced goods will come into our ownership. Further claims, espec. damages, reimbursement of wages and materials are excluded. Our liability for all faults will expire if the purchaser of our products mixes them with items of different origin, reworks himself faulty products or does not meet his contractual obligations. Lamps are technical working means according to the product safety law and may only be used for their intended purposes. Any use of lamps and supplementary parts contrary to their purpose as well as unauthorized changes on our lamps without our prior written consent releases us from all liabilities in case of damage. For losses and damages during transportation the recipient must have those immediately certified with the train- or post office authorities and file claims for compensation there.

11. Reservation of Title. We retain the right of ownership of the delivered goods, even if subsequently treated, until the fulfillment of all claims from this contract. Even if our goods will be connected with other items, the purchaser may only sell the goods under reserved title. Claims from a resale of the reserved goods are to be ceded irrevocably to us in the amount of our claims including interest and costs. In case of possible inability of payment, composition settlement or even pledging resp. bankruptcy of the purchaser, same is bound to return the reserved goods unasked and free of charge. Pawning, protective conveyance or a sale of the reserved goods is excluded. We retain the right to reclaim the reserved goods until their full payment. The enforcement of § 28 VO is excluded.

12. Our invoices are payable within 14 days from invoice date with 2% discount on the net product value or within 30 days net to one of the accounts mentioned on the next page or by cheque to our address. With C.O.D. shipments and immediate advance payment we grant 2% discount on the net product value. We will not accept bills of exchange. Only after their discharge will cheques be regarded as payment. Bank discounts or other expenses are to be charged to the customer. Deductions for transportation or packing costs are inadmissible. Payments because of complaints may under no circumstance be delayed. In case a purchaser does not meet his liabilities, we are entitled to stop further shipments until complete payment. Whenever the deadline for outstanding payments is exceeded, the purchaser - without being specially informed by us - will be levied with an interest that is common for unpaid credits with banks. Extension of time, counterclaims or retention of partial payments, no matter what the reason may be, are excluded without our prior written consent. All expenses arising from a reminder, delayed payment, confiscation or non-acceptance of ordered goods must be borne by the purchaser. Any telephone/cable charges, etc. by the purchaser are also excluded.

13. The guarantee for our products amounts to 24 months. Longer-lasting guarantees must be agreed separately. The guarantee does not refer to bulbs and transformers.

14. Place of performance for shipments and payments is Munich exclusively. The law of Germany applies to our delivery conditions and all legal connections between the purchaser and us.

15. Special regulations or any possible legal ineffectiveness of individual points of these delivery conditions do not infringe the validity of the others.

Imprint

Chairman: Horst Lettenmayer
Board of Directors: Julia-Alina Lettenmayer

Bank details:



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BIC: GENODEF1DCA



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BIC: COBADEFFXXX



Sparkasse Fürstenfeldbruck
IBAN: DE17700530700031764806
BIC: BYLADEM1FFB

PayPal Recipient: info@betec.de

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Commercial register number: HRB133087, VAT ID: DE129301236

Product photographer: Foto Sessner (Andreas Köhler)
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