



True to the original

BÖHM is always true to the original. With lighting and cabinets of the highest quality, BÖHM showcases modern rarities and artefacts from eras gone by, while ensuring they remain protected for years to come. For over three decades, internationally renowned museums have placed their trust in BÖHM solutions for their priceless exhibits.

Display cabinets
Custom cabinets
Security cabinets

Advice
Planning
Manufacturing
Service

Lighting
Fibre-optic
lighting
LED lighting

Custom
interior design



↑ Naturmuseum Olten

Whether free-standing, suspended or pull-out drawers – our display cabinet options are almost unlimited

Custom display cabinets

Our core area of expertise is showcasing priceless artefacts in all their glory, while ensuring they are protected with the utmost care. Display cabinets by BÖHM offer maximum protection for valuable exhibits, conserving and securing them to the highest standards. All without compromising on a modern and attractive aesthetic, or on sophisticated design features that make maintenance simple. Your exhibition is our success.

Every order is unique

At BÖHM, no order is quite like any other. Every exhibition, every exhibit, has a completely different set of scenographic requirements – and this extends to the cabinets and lighting. We are highly experienced in working with fibre-optic and LED lighting technologies, glass, steel, aluminium, brass, wood and veneers, plastics, paints and textiles. Every individual solution draws on over 30 years of expertise.

We have spent decades working with established exhibition and museum planners. Based on their needs and visions, we draw on our relationships with renowned architects, scenographers, designers and lighting specialists, or take on the entire order orchestration ourselves.

Protection, climate, design

The requirements for climate control and clean air, security and design are all seamlessly integrated into one holistic solution. BÖHM display cabinets can be designed to suit any presentation concept and provide effective protection from dirt, dust, moisture, temperature fluctuations, touch and theft. Designed for exceptional stability even under high loads, our display cabinets remain simple and intuitive to use.

Security cabinets

Our display cabinets offer maximum protection from theft and earthquakes. Their solid construction and the latest security components offer complete peace of mind around the clock.



← Copyright Laténium, parc et musée d'archéologie, Romain Do



Security cabinets for maximum protection

Always true to the original – BÖHM security cabinets offer maximum protection from theft and earthquakes. Fitted with various security components, they can be designed to satisfy any requirement. BÖHM works with museum managers, planners and architects to develop the perfect solution based on an individual risk assessment.

Security components

BÖHM can install a variety of components tailored to each exhibit's security classification. Bolt switch contacts monitor whether the cabinets are locked, while magnetic contacts ensure that all doors and inspection openings remain securely closed at all times. Shock detectors trigger an alarm if unauthorised persons break the glass or otherwise attempt to break into the cabinets.

Earthquake protection

Vibration and shock absorbers and other structural measures protect valuable rarities from earthquakes and seismic vibrations. Depending on the exhibit, either the entire cabinet is placed on a movable unit or just the individual item inside the cabinet.

Outstanding durability

The design of the security cabinets makes them highly resistant to mechanical impact. Any non-glazed parts are manufactured to the same resistance class as the laminated safety glass.

Conservation protection

Security cabinets also offer high levels of conservation protection in numerous configuration options. An isolated air circulation system featuring constant humidity units ensures optimal environmental conditions. The devices can be monitored externally and are easy to use.



↑ Vitromusée Romont



← Archäologisches Landesmuseum Konstanz

Badisches Landesmuseum Karlsruhe. BÖHM has extensive knowledge of the latest security standards and remains in constant contact with security component manufacturers. ↓





Exhibit

Focus

Fibre-optics

Diversity



Fibre-optic lighting

Cold light for conserved exhibits

The properties and benefits of fibre-optic lighting are particularly effective for displaying conserved exhibits. With the right filters, cold light is 100% free from UV and IR radiation and can be directed at the exhibit using glass fibres to avoid heat transfer. Combined with our sophisticated case designs, the priceless artefacts are perfectly protected from all environmental impacts.

Perfect for sensitive exhibits

With the right filters, cold light is 100% free from UV and IR radiation. It is directed at the exhibit using glass fibres. Another particularly important factor for climate-controlled cabinets is that fibre-optic lighting does not transfer heat from the light source into the cabinet, and no heat is produced at the device outlet. Any components that produce heat are stored outside of the cabinet itself. This enables maintenance work to be performed without exposing the valuable exhibits to unwanted dust or climate fluctuations.

Attractive presentation

Rarities and original artefacts are incredibly sensitive items to store. They need to be preserved for posterity, while also being showcased to the public. Fibre-optic lighting systems offer outstanding colour rendering and a comfortable light temperature ranging from 2700 K to 8000 K. Mechanical dimmers regulate the light strength as needed without impacting the colour.

Highlighting details

Fibre-optic cross-section converters allow specific shapes and structures of exhibits, such as sculptures, paintings, and textiles, to be illuminated with exact precision, which highlights fascinating details to full effect. Exhibits are brought into focus without glare using tiny light outputs and sophisticated deflectors.

Technical advantages and efficiency

Our solutions provide a maximum level of preventative fire protection, while ruling out electrical safety issues. The latest lighting technology reduces heat in the exhibition spaces enormously, which in turn lowers the load on the air conditioning system and offers considerable energy savings and high efficiency.

High-quality components

All fibre-optic components are made from high-quality, precisely manufactured materials. The components inside the assemblies can be replaced or added individually.



↑ Domschatzmuseum Chur



↑ Zittau Lenten veil in the world's largest museum display cabinet.



↑ Obere Stube, Kulturhaus Stein am Rhein



↑ Archaeological discoveries of huge scientific importance.

Perfect for any exhibition

Cold-light fibre-optic lighting is suitable for indoor and outdoor use, for new facilities, and for retrofitting existing exhibition spaces, particularly when implementing challenging, highly detailed lighting concepts and exhibition designs.

For the most stringent conservation requirements

Fibre-optic solutions are 100% free from UV and IR radiation and do not transfer heat into the display cabinet. From original writings by Goethe to portraits by the painter Sofonisba Anguissola and archaeological sensations like Ötzi the Iceman – fibre-optic lighting showcases every exhibit in all its glory while simultaneously protecting it from harmful radiation. Our experienced planning and development specialists create lighting concepts that wow the public and protect each exhibit from the tests of time. We have a deep understanding of the conditions and requirements affecting conserved objects. Always true to the original – for more than 30 years.

BÖHM fibre-optic range



➤ LED lighting for plastic or fibre-optic systems, black anodised/coated



	R200
Supply voltage	220–240 V, 50–60 Hz
Wattage	approx. 21 W
Operating current	350 mA
LED light colour	3000 K / 4000 K
Temperature	approx. 45 °C
Lifespan	50,000h at 70% luminous flux
Colour rendering	Ra 93
	UVA- and IR-free light
Protection class	IP 20
Housing	AlMgSiPb 6262R + POM
Light source dimensions	155 mm W × 86 mm D × 70 mm H
Power supply dimensions	188 mm W × 46 mm D × 32 mm H
Weight	0.5 kg

- Additional functions
- .01 electronic dimmer

.02 mechanical dimmer

Custom designs on request

	R300
Supply voltage	220–240 V, 50–60 Hz
Wattage	approx. 42 W
Operating current	700 mA
LED light colour	3000 K / 4000 K
Temperature	approx. 45 °C
Lifespan	50,000h at 70% luminous flux
Colour rendering	Ra 93
	UVA- and IR-free light
Protection class	IP 20
Housing	AlMgSiPb 6262R + POM
Light source dimensions	190 mm W × 86 mm D × 70 mm H
Power supply dimensions	188 mm W × 46 mm D × 32 mm H
Weight	0.7 kg

- Additional functions
- .01 electronic dimmer

.02 mechanical dimmer

Custom designs on request

Perfectly showcase every conserved artefact

Available in a range of designs and colour temperatures, lighting solutions from BÖHM combine low-noise operation with a long operational lifespan. They all share one key quality: each illuminates the exhibit in the best possible way, showing it to the public in its finest light.

Fibre-optic components for every lighting concept

Our range is complemented by a wide selection of sophisticated fibre-optic components, all made from high-quality materials and precisely assembled. They meet both architectural and conservational requirements and are designed for ease of use. All components can be individually replaced or added within their assemblies.



← Optical fibres with protective sheaths are highly durable under mechanical and thermal loads, resistant to ageing, lightweight and flexible to install.

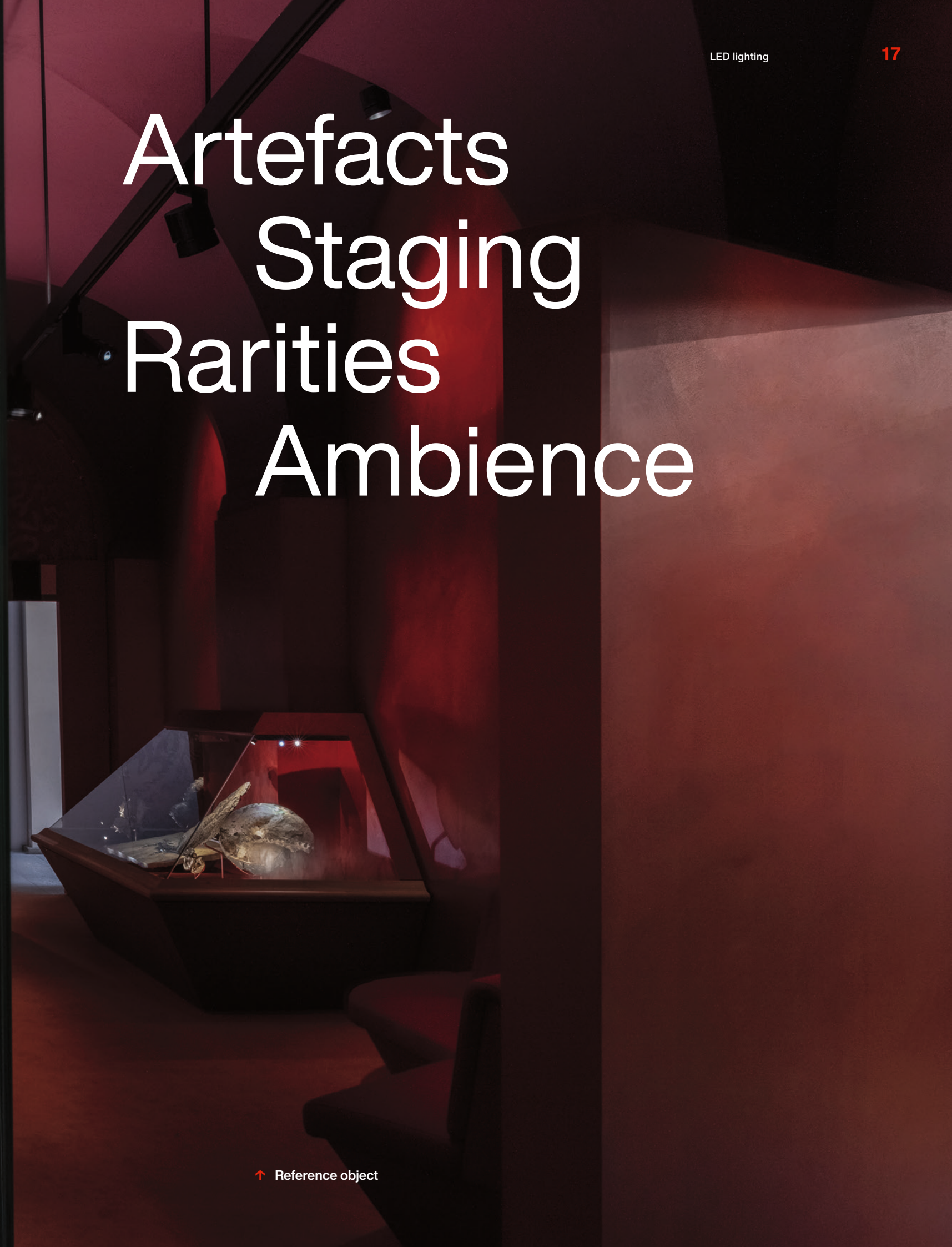


← We offer the perfect focus lenses for every exhibit. Including ceiling and floor spotlights. Pivoting and rotatable.





Artefacts Staging Rarities Ambience



LED lighting: custom installations

LED lighting offers far lower heat dissipation than halogen bulbs. LEDs are also free from UV and IR radiation, and offer good colour rendering, low energy consumption and long lifespans. Perfect for showcasing valuable artefacts of all kinds.

Lighting with outstanding colour rendering

LED lighting offers an excellent colour rendering index of 95 to 98 Ra, as well as a broad spectrum of colour temperatures ranging from 2700 K to 8000 K. LED lighting reduces heat generation inside the cabinets and is free from UV and IR radiation.

Optimised lighting for exhibits

Lens inserts with various angles of radiation optimise lighting for artworks and other rarities. Power supplies are stored outside of the display cabinet itself, preventing excess heat dissipation from affecting the treasures inside.

Individual dimming

LED spotlights on the power rail can either be dimmed electronically (all together) or individually.

Long lifespan

The components boast a long service life and also help achieve considerable energy savings.

High-quality components

All LED components are made from high-quality, precisely manufactured materials. The various components can be replaced and added as required.

Perfect for (almost) any exhibition

LED lighting is suitable for both indoor and outdoor use, for new exhibitions and for retrofitting existing displays. Where conservation requirements are higher, a fibre-optic solution is recommended.

LED creates the perfect ambience

LED lighting solutions from BÖHM boast low energy consumption, extremely long lifespans and preventative fire protection. LEDs are available in various colour tones and temperatures, so you can create the exact atmosphere you need to suit the theme of your exhibition.

Exceptional light design

LED technology has practically revolutionised lighting design. Numerous new use cases, good colour quality, cost efficiency and low energy consumption have made LEDs the first choice for a wealth of lighting solutions.

Good for the environment

Are you looking to renovate an existing exhibition? LED is the perfect environmentally friendly solution as it uses considerably less energy than older lighting technologies. And the prices are attractive, too. We will be happy to advise you.



↑ LEDs boast low energy consumption and an enormous range of applications.



↑ Schatzkammer Glarus

BÖHM

LED range

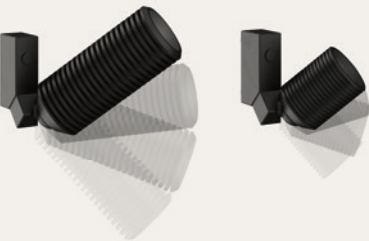
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LED spotlights for low-voltage power rails

UVA- and IR-free light, surface AC colourless/black anodised matte



	350	365	370
Luminous flux	240 lm / 3.5 W	180 lm / 1.65 W	120 lm / 1 W
Light colour	3000 K / 4000 K*	3000 K / 4000 K*	3000 K / 4000 K*
CRI Ra typ.	95–98	95–98	92
Beam angle	10°, 20°, 40° or 10x60° (elliptical)	10°, 20°, 40° or 10x60° (elliptical)	18°, 36°, 45°, 80° or elliptical 20°+45°
Voltage	12 V	12 V	12 V
Dimmer	externally/locally dimmable	externally/locally dimmable	externally dimmable



350 Z
with intermediate hinge

365 Z
with intermediate hinge

Accessories

Steel power rails with matching supports, connections and end caps. Chrome-plated or black oxide finish available

A11
Power rail support black



A13
Power rail support aluminium



A14
Power rail support vertical top + bottom
Colours black or anthracite available



A18
Power rail shelf support
Colour black available



A25
Antiglare shades

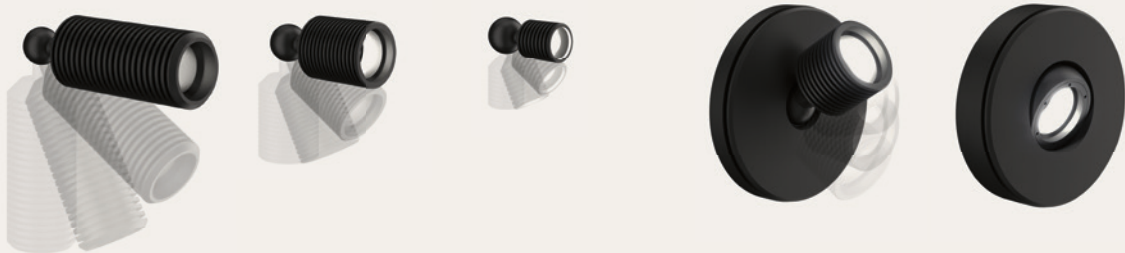


*other light colours on request

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LED recessed light

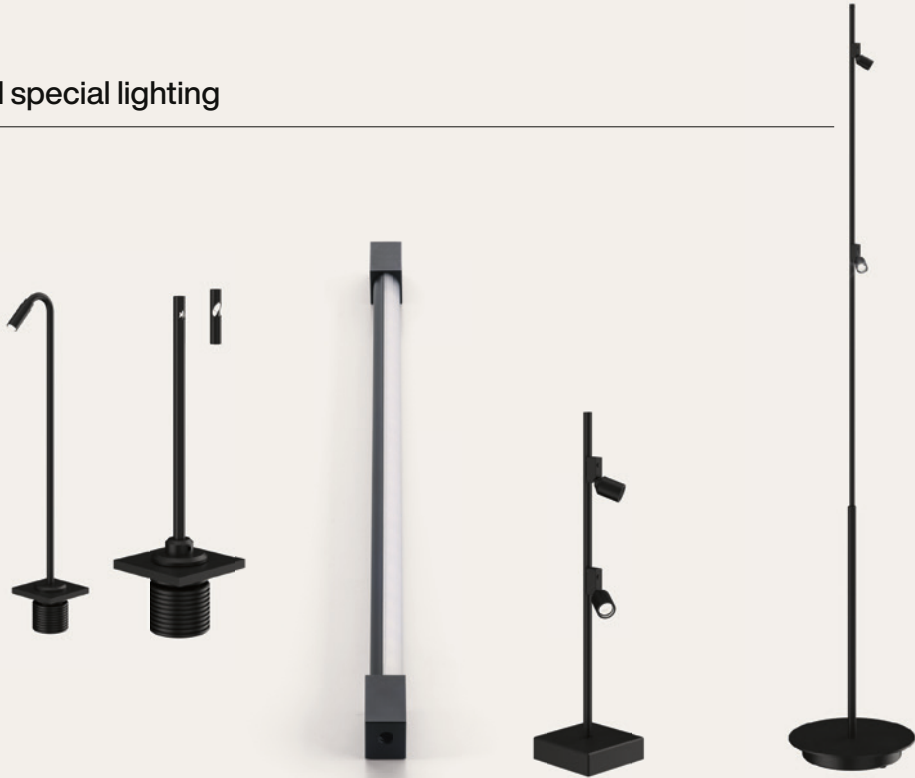
UVA- and IR-free light, surface AC colourless/black anodised matte



	353	368	372	550	560
Luminous flux	240 lm	180 lm / 1.65 W	120 lm / 1 W	180 lm / 1.65 W	180 lm / 1.65 W
Light colour	3000 K / 4000 K*	3000 K / 4000 K*	3000 K / 4000 K	3000 K / 4000 K*	3000 K / 4000 K*
CRI Ra typ.	95	95–98	92	95–98	95–98
Beam angle	10°, 20°, 40° or 10x60°	10°, 20°, 40° or 10x60° (elliptical)	18°, 36°, 45°, 80° or elliptical 20°+45°	10°, 20°, 40° or 10x60° (elliptical)	10°, 20°, 40° or 10x60° (elliptical)
Voltage	12 V	12 V	12 V	12 V	12 V
Dimmer	external	external	external	external	external

BÖHM

Light tubes and special lighting



	420 / 440	460	940 Table lamp with spotlight 365	950 Floor lamp with spotlight 365
Luminous flux	180 lm	660 lm–1920 lm		
Light colour	3000 K / 4000 K	2700 K / 3000 K / 4500 K		
CRI Ra typ.	95–98	85		
Beam angle		approx. 40°–80°		
Voltage	12 V	12 V or 24 V		
Dimmer	external	external		

*other light colours on request



Scenography Interior design Exhibition Lighting design

« BÖHM is always true to the original.
We make sure your exhibits are perfectly
showcased. Discover our reference portfolio. »



↑ Naturhistorisches Museum Bern.
Cabinet of wonders. LED lighting for highly
aesthetic, three-dimensional illumination.

State-of-the-art exhibition technology

From national history to local interest, art to technology, archaeology to nature – there are all kinds of museums targeted at people with a huge range of interests. BÖHM works with planners, architects, lighting designers and scenographers to create a huge variety of museum exhibitions.



↑ Jüdisches Museum Schweiz, Basel

Cultural treasures Rarities Custom cabinets



↑ Jüdisches Museum Schweiz.
Display cabinets and lighting,
complete museum installations.

← BMW AG, Munich



↑ Fort de la Pompelle Museum.
Wall display cabinets with LED lighting.



← Roviva
display cabinets
and lighting.

Complete solutions from a single source

The right lighting is crucial, but is only part of the story. BÖHM Präsentationstechnik will guide you from an initial idea to your exhibition opening and beyond. With over 30 years' experience in interior design for museums and the luxury goods sector, we are sure to find the perfect solution for your project. Bespoke and unique.

Our services

Experience and consulting
Planning and manufacturing
Assembly and disassembly
Training and services

Explore our
reference portfolio at
boehm-praesentationstechnik.ch ➤

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ALWAYS TRUE TO THE ORIGINAL.

Are you working on a new exhibition or looking to renovate an existing one? Contact us for a no-obligation consultation. Especially if you're facing a particularly challenging project. We look forward to hearing from you.

BÖHM
Präsentationstechnik

part of



boehm-praesentationstechnik.ch ↗

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