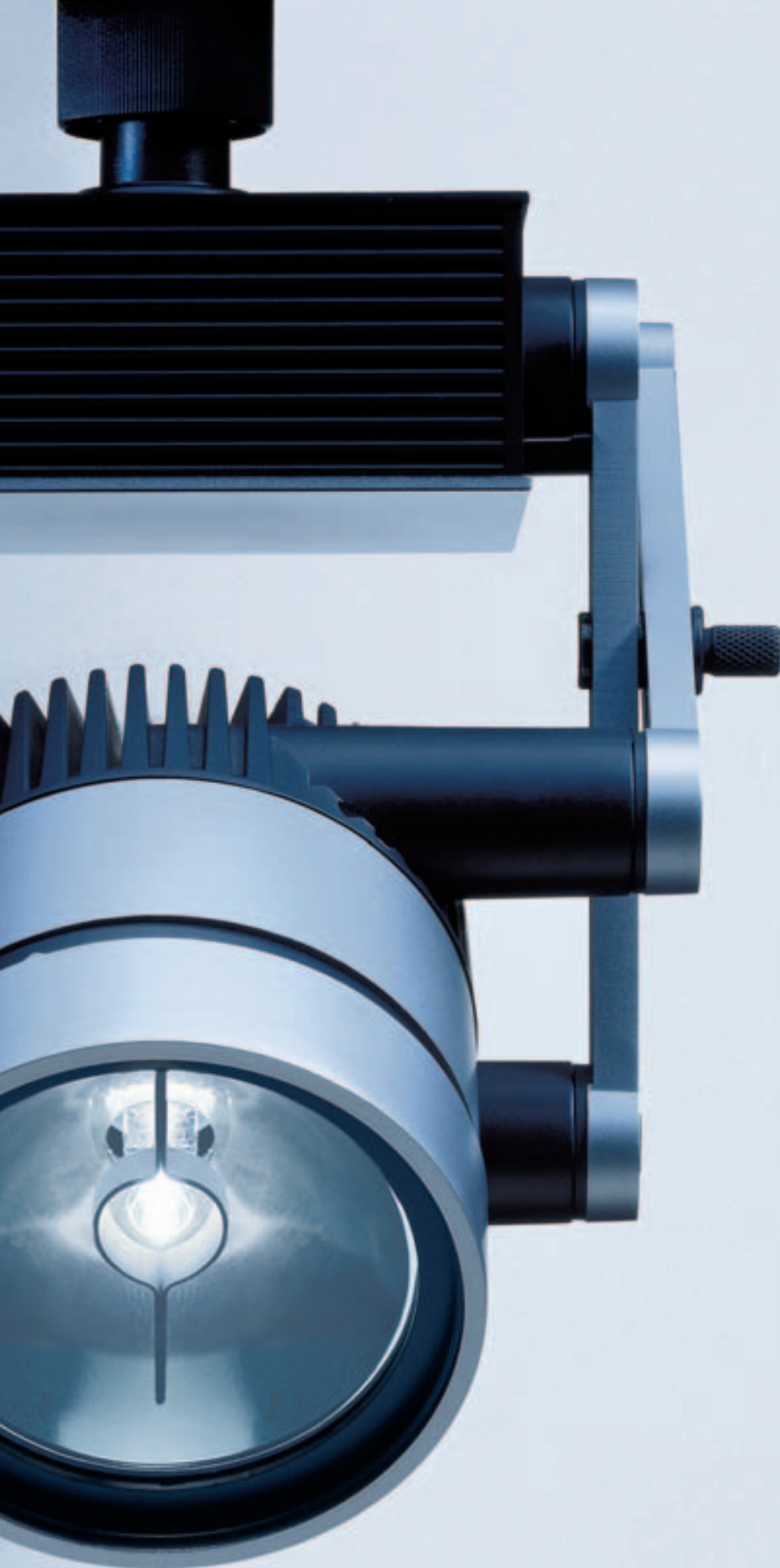


XENO

One design, three
formats, many accents.
A new generation of
spotlights.





A designer store in one of the famous fashion metropolises: Milan, Paris, London, New York, Berlin ...

Shopping as an experience thanks to lighting which sets the stage for interiors, architecture

and labels – in line with the exclusiveness of the surroundings and the quality of the goods offered. The XENO spotlight system can be fitted with the most important light sources for effective and high-quality light-

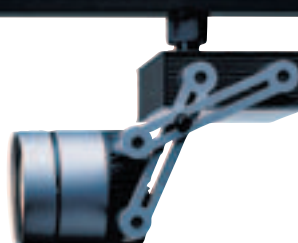
ing in presentation and retail. It provides not only lighting accents which highlight the fashion items on display and direct the attention of potential customers to specific products. It also offers the opportunity to

make use of coloured light, to deliberately change its intensity, direction and colourfulness, and to project images, logos, signs. In brief: creating worlds of experience using light.



XENO

One design,
two formats,
many accents



XENO stands for a generation of designer spotlights for professional applications. Innovative lighting technology, practical details and the consistent characteristic appearance make XENO the perfect solution for presentation and accentuation. No matter whether it is about simple illumination tasks or complex lighting scenarios, or whether it is the compact XENO S format, or the large-scale high-performance XENO M version that is required.

The most conspicuous design feature of both XENO formats is the X-shaped fixing joint. It harmoniously connects the round shape of the luminaire head with the rectangular hou-

The well-known French designer Jean-Michel Wilmotte has created the unmistakable XENO

design. His concept is based on high design quality together with equally high functional use.

sing and, at the same time, is highly functional by enabling flexible positioning and sure fastening of the luminaire head.

XENO offers customised solutions for all standard tasks of **presentation and accentuation** in shops, museums or retail areas. Ranging from compact LV halogen spotlights and high-performance accent luminaires, to LED luminaires with dynamic, colourful lighting effects and projection spotlights. Including useful accessories such as filters, protective glass panels, louvres and lenses.

At the same time, XENO is suitable for integration into lighting management systems, including the Active Light concept.



XENO DESIGN | JEAN M. WILMOTTE



XENO S and XENO M

Two formats, one style



XENO S

Unobtrusively compact

Sophisticated presentation landscapes with a variety of lighting tasks usually require several different types of accent luminaires and light sources. Of course, this has consequences on the room's attractiveness.

Their compact dimensions and consistent design enable XENO S spotlights to be integrated into the interior design even within the most elaborate lighting installations. A compre-

hensive choice of light sources, ranging from various versions of LV lamps via QR-CBC and QT 12 to metal halide lamps in the 35 W version, is available for providing the right solution for the most varied individual lighting tasks. For efficient glare control and precise direction of light without producing corona effects, an anti-glare tube is integrated into the models with open light distribution.



XENO M

Full Power

XENO M is the high-performance spotlight counterpart to XENO S. Also in the consistent XENO design, XENO M is able to supply the light levels needed for large-scale presentation areas in car showrooms, exhibition halls, foyers, shopping malls, shop windows or similar applications – in combination with differentiated accent lighting by LV spotlights or as an independent lighting solution.

In addition, XENO M offers the entire range of state-of-the-art high-output light sources such as metal halide lamps up to 150 W and high-pressure sodium discharge lamps up to 100 W.



Individual control

XENO LV spotlights are fitted with electronic safety transformers. Using a rotary potentiometer built into the transformer housing, the lamp can be dimmed from 20 W to 100 W.

Benefits:

- The quantity of light can be adjusted individually as required
- The colour temperature can be modified
- The UV load can be reduced
- The lamp service life is increased
- Lower energy consumption



Better positioning

The characteristic X-joint conceals a number of function-innovations:

- Innovative design for stable positioning of the luminaire head
- The position can be precisely adjusted using the markings on the outside of the articulated arms
- Concealed cabling from housing to luminaire head



Fine adjustment

The light focus of the lamp can be conveniently adjusted using the practical front ring on the luminaire.

Benefit:

The lighting distribution and focus can be adapted to changing requirements of the installation.

Fit for Active Light lighting management



The luminaires of the XENO spotlight range fulfil all technical requirements for integration into the Luxmate Powerline lighting management system. This keeps all options

open for fascinating, dynamic lighting scenarios as provided by the Active Light concept for the meaningful change of light.

XENO

More creative scope
using accessories

A variety of XENO accessories increase the scope for creative lighting design. Even individual specifications, such as conservation requirements to be fulfilled in museums, can be met.

The following accessories are available:

- barn doors
- oval/soft outline lenses
- colour and UV/IR filters
- honeycomb louvres



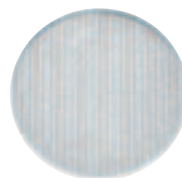
Interference colour filter



Protective glass panel



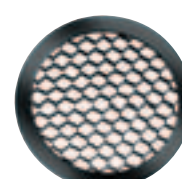
Soft outline lens



Oval outline lens



UV/IR filter



Honeycomb louvre



Barn doors

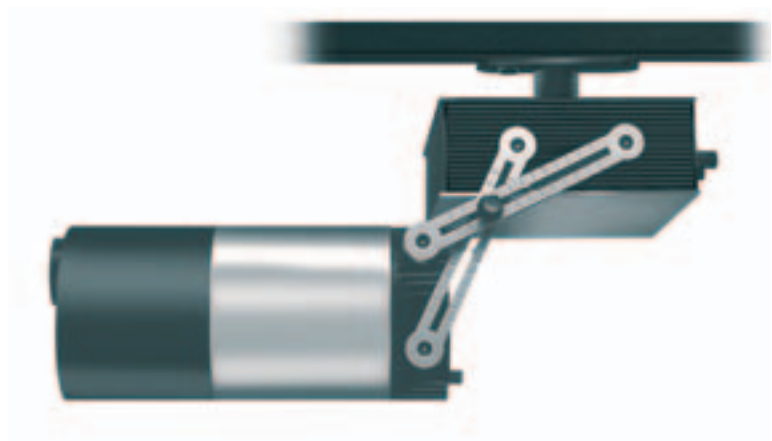
XENO PROJECTION XENO PROJECTOR



Another dimension of effectively setting the lighting stage, exciting presentation and efficient provision of information is opened up by XENO PROJECTION and XENO PROJECTOR. This really makes lighting in shops, at exhibitions, sales presentations, in hotel and bank foyers an instrument of communication.

XENO PROJECTION spotlights are provided with optical systems that can be used for implementing new creative projection effects:

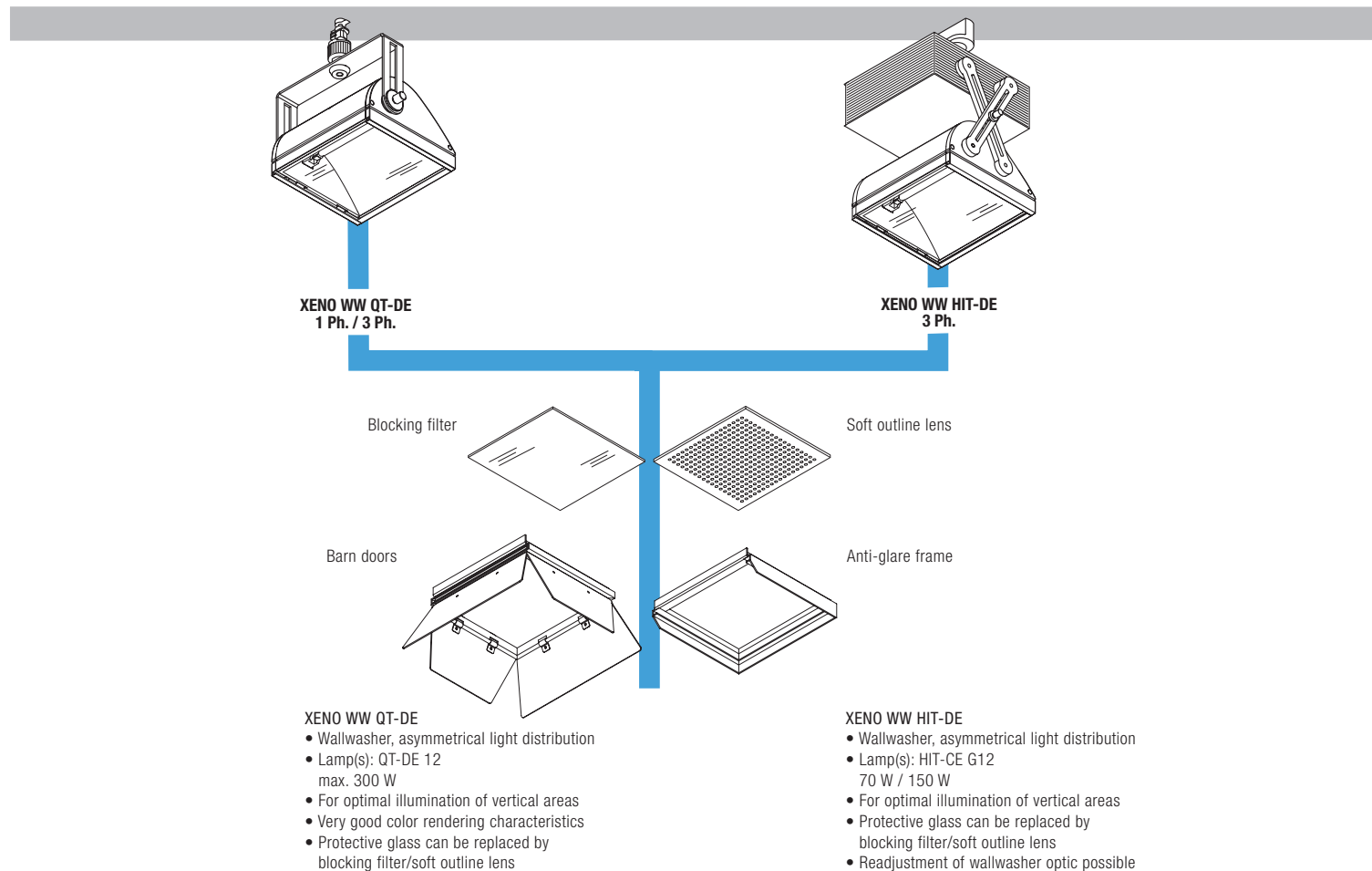
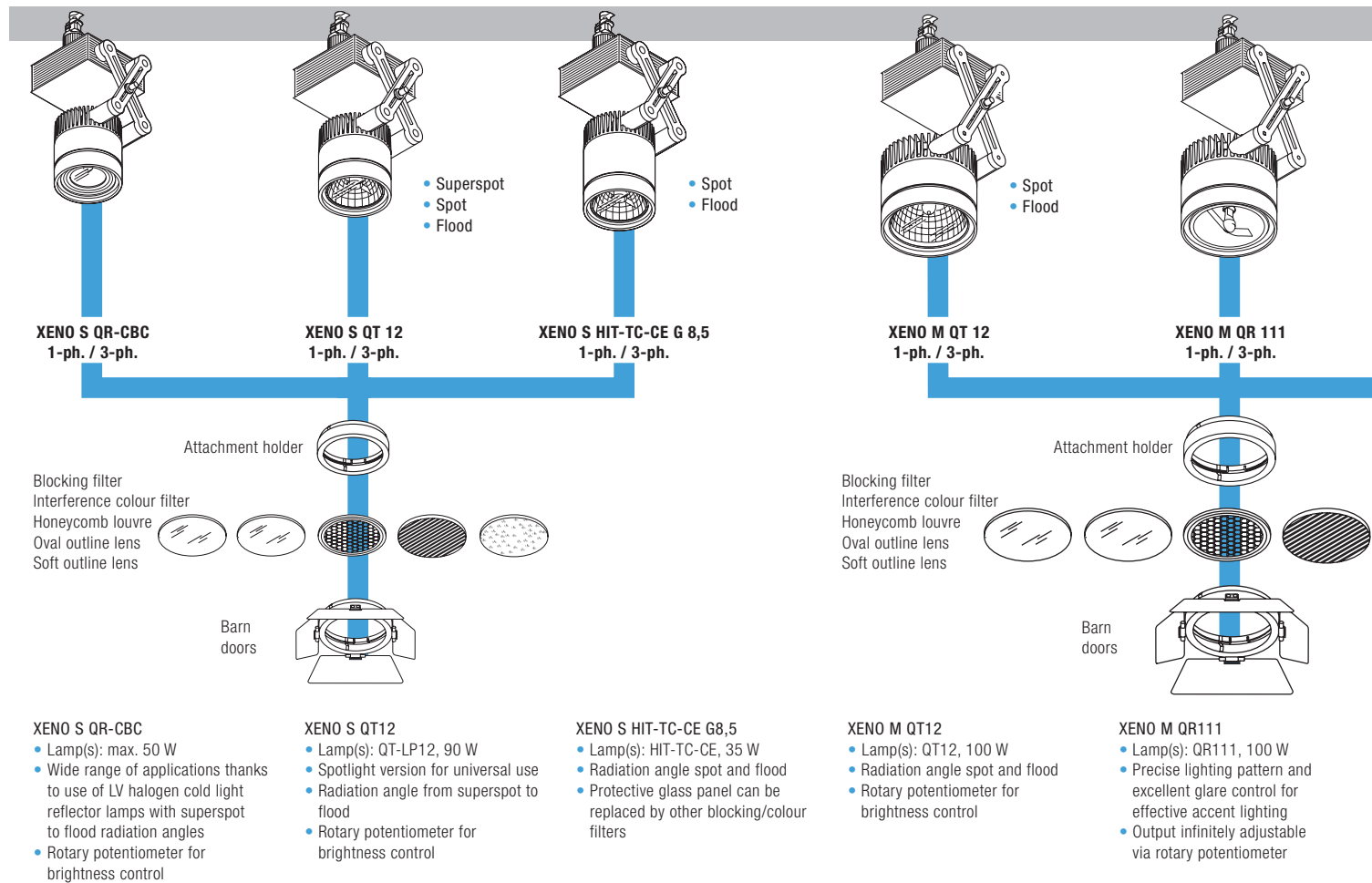
- The gobo optic projects company logos and legends to all suitable surfaces, thus creating additional attention
- Framing covers make exhibits more interesting with sharply outlined light projections to be freely defined

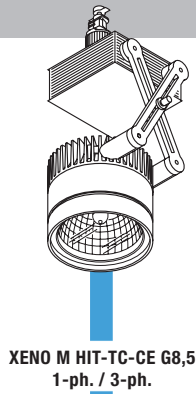


State of the art in terms of presentation using XENO is called **XENO PROJECTOR**, a high-performance spotlight system for powerful lighting scenarios and sharply outlined projec-

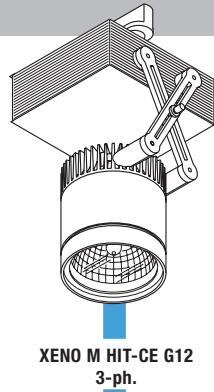
tions. Via motor-controlled slide and colour filter magazines, dynamic scenarios with varying patterns and colour accents can be run as required.

XENO system overview

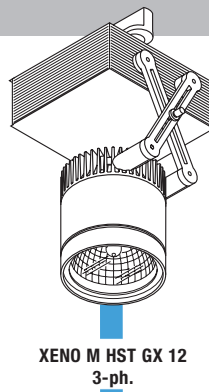




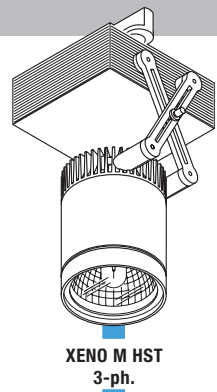
- Spot
- Flood



- Superspot
- Spot
- Flood
- Wideflood



- Spot
- Flood

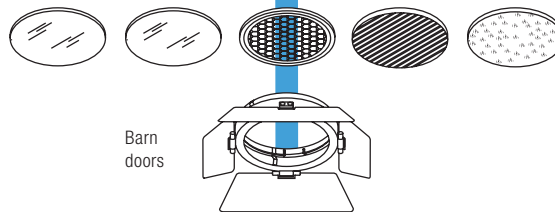


- Spot
- Flood

Anti-glare tube

Blocking filter
Interference colour filter
Honeycomb louvre
Oval outline lens
Soft outline lens

Attachment holder



XENO M HIT-TC-CE G8,5

- Lamp(s): HIT-TC-CE, 35 W
- Radiation angle spot and flood
- Protective glass panel can be replaced by other blocking/colour filters

XENO M HIT-CE G12

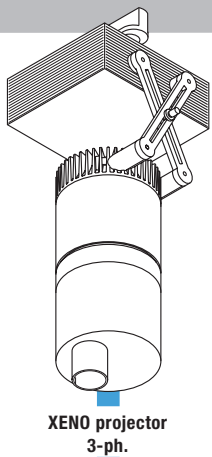
- Lamp(s): HIT-CE, 70 W, 150 W
- Radiation angle from superspot to wideflood
- Protective glass panel can be replaced by other blocking/colour filters

XENO M HST GX12

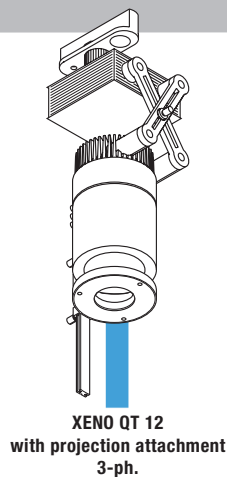
- Lamp(s): Lampe HST (Philips SDW-TG)
- Operated on electronic ballast
- Characteristics: light similar to that from incandescent lamp, with small UV component, good colour rendition with warm colour tones
- Radiation angle spot and flood

XENO M HST

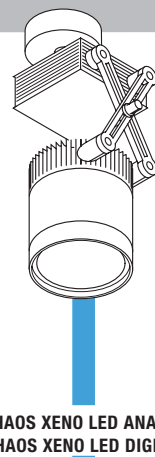
- Lamp(s): HST (Philips SDW-T) lamp
- Suitable for energy-saving accent lighting thanks to use of high-pressure sodium discharge lamp
- Characteristics: light similar to that from incandescent lamp, with small UV component, good colour rendition with warm colour tones
- Radiation angle spot and flood



Colour filter
Slide mask



Gobo holder
Framing cover
Lens
Gobo
Colour filter
Perforated covers



XENO projector

- Compact spotlight system for accentuation and projection with clearly defined outlines of logos, gobos or slides
- Separate motor-driven control of the slide and the colour magazines allows the use of several patterns and different colours

XENO projection QT 12

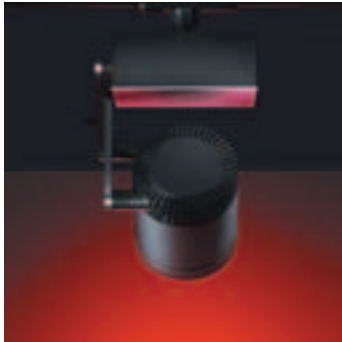
- Lamp(s): projection lamp 100 W (OSRAM HLX 64623)
- This spotlight with projection attachment is a versatile tool for creative lighting design
- By combining different attachment elements, light cones with clearly defined outlines, rectangular lighting surfaces, signs, pictures or company logos can be projected

PHAOS XENO LED analog/digital

Please refer to the section on LED MULTICOLOUR LUMINAIRES

PHAOS XENO LED

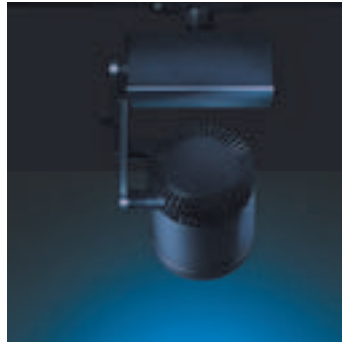
Fascination through dynamism and colours



The functional benefits of innovative LED (light emitting diode) light sources such as compactness, long service life, nearly maintenance-free, electronic control and UV/IR-free lighting open up new creative scopes of application.



The PHAOS XENO LED spotlight range incorporates these benefits, adding colours and dynamism. The result: spotlights that generate up to 16.7 million shades of colour from the electronically controlled interplay of light using red, green and blue



LEDs. And not only in a static way, but also in a variety of sequences and transitions: ranging from show lighting, changing perceptibly in a steady flow as in a chameleon, or subtly as the course of daylight.



PHAOS XENO LED uses dynamic sequences and colours to add effective accents to all prestigious areas. In shops and at exhibitions, in museums and galleries, in bars and restaurants – wherever ambient lighting is reduced and the interplay of colours is to create a special atmosphere and rouse attention.

The lighting programmes can be controlled at various levels. If PHAOS XENO LED is operated as a stand-alone unit, the dynamic sequences can be programmed directly at the luminaire. For coordinated operation of several luminaires, two options are available:



With PHAOS XENO LED **analog** a group of spotlights can be controlled synchronously in a master-and-slave mode. It is either the PHAOS XENO LED analog spotlight that acts as the master or the control unit provided for this purpose.

The **analog** spotlight can be programmed either directly at the luminaire using the keys on the rear, or externally using the corresponding control unit.



With PHAOS XENO LED **digital** all spotlights can be programmed independently of each other via the Luxmate lighting management system, and coordinated for individual scenarios as required. Controlling and monitoring are BUS-backed. With the PHAOS XENO LED **digital** spotlight in stand-alone mode, it is possible to control the lighting programmes via an easily comprehensible display on the rear of the luminaire. Intervals from 3 seconds up to 3 hours are possible.

PHAOS XENO LED ANALOG



LED spotlight (ANALOG) with variable colours

- For floodlighting
- Individually programmable and bus-compatible
- Wattage: max. of 22 W
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- High impact resistant polycarbonate diffuser
- Universal joint, pivots through 90°
- Can be installed on ceiling and on wall
- Low surface temperature

Cat. no.

kg

Order no.

Spotlight for surface mounting

PHAOS A XENO LED AN

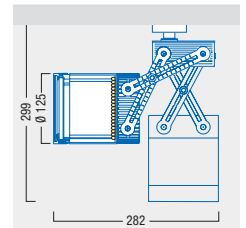
1,9

60 810 431

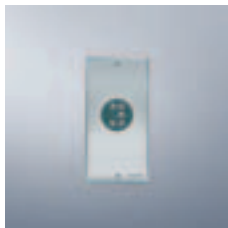
Accessories

5 m bus line with RJ 45 coupling

60 800 117



PHAOS control unit, ANALOG



Control unit (ANALOG)

- For programming and control of PHAOS ANALOG luminaires
- Required for PHAOS lighting tube LED ANALOG and PHAOS LINE LED ANALOG
- Optionally PHAOS XENO LED ANALOG and PHAOS lighting tile LED ANALOG
- Voltage supply: 24 V-DC
- Bus connection via 8-pole bus line with RJ 45 coupling
- Can be installed in double UP55 flush socket
- Upright installation position
- Only for use in typical interior applications
- Control via PC, upon request

Cat. no.

kg

Order no.

Accessories

5 m bus line with RJ 45 coupling

0,1

60 800 117

Analog control unit

0,5

60 810 440

Signal amplifier*

0,1

60 810 441

* Signal amplifier needed if more than 10 PHAOS ANALOG products per group.

PHAOS XENO LED DIGITAL



LED spotlight (DIGITAL) with variable colours

- For floodlighting
- Individually programmable and bus-compatible
- Wattage: max. 16 W
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- High impact resistant polycarbonate diffuser
- Universal joint, pivots through 90°
- Can be installed on ceiling and on wall
- Low surface temperature

Cat. no.

kg

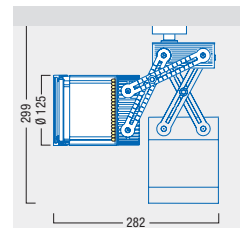
Order no.

Spotlight for surface mounting

PHAOS D XENO LED AN

1,9

60 710 028



To specify e.g.: PHAOS XENO LED ANALOG PHAOS A XENO LED AN 60 810 431


www.zumtobelstaff.com/xeno

XENO S QR-CBC



Cat. no.

kg

Order no.



750 °C

Spotlight for tracks

- Lampholder: GU 5.3
- Mains voltage: 230 V/50–60 Hz
- Lamp voltage: 12 V
- Electronic safety transformer 20 W to 100 W, can be dimmed via integral rotary potentiometer
- DALI version with type LDE (20–105 VA) transformer, bus tapping via DALI track
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Front ring also accommodates colour/reduction filters

Spotlight with 3-circuit adapter

1/50 W QR-CBC	1,4	S7 122 640
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3-phase spotlight (with adapter for DALI track)

1/50 W QR-CBC dimmable DALI	1,4	60 710 317
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Spotlight with 1-circuit adapter

1/50 W QR-CBC	1,4	S7 122 650
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Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 970
Attachment holder black	S7 002 990

Blocking filter

IR/UVA	S0 529 990
Protective glass	S0 529 970
UVA Blocking filter	S0 529 980

Colour filter

Blue	S0 546 100
Green	S0 546 120
Red	S0 546 130
Yellow	S0 546 110

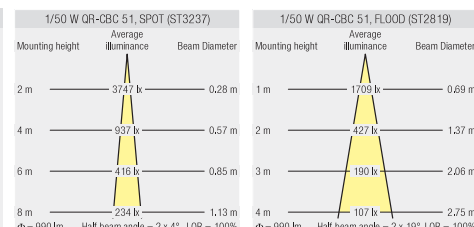
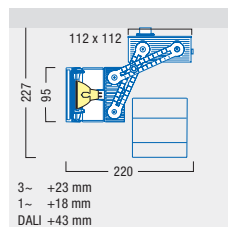
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 173
Soft outline lens	S0 529 410

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 002 760
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



To specify e.g.: **XENO S QR-CBC** 1/50 W QR-CBC S7 122 640

XENO S QR-CBC LMP



Cat. no.

kg

Order no.



750 °C

Spotlight for tracks

- For Luxmate Professional Powerline lighting management system
- Lampholder: GU 5.3
- Mains voltage: 230 V/50 Hz
- Lamp voltage: 12 V
- 20 W–100 W electronic safety transformer
- Move rotary potentiometer to maximum setting, can only be dimmed using LUXMATE Powerline
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Front ring also accommodates colour/reduction filters

Spotlight with 3-circuit adapter

1/50 W QR-CBC LMP	1,5	S7 122 660
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Spotlight with 1-circuit adapter

1/50 W QR-CBC LMP	1,5	S7 122 670
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Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 970
Attachment holder black	S7 002 990

Blocking filter

IR/UVA	S0 529 990
Protective glass	S0 529 970
UVA Blocking filter	S0 529 980

Colour filter

Blue	S0 546 100
Green	S0 546 120
Red	S0 546 130
Yellow	S0 546 110

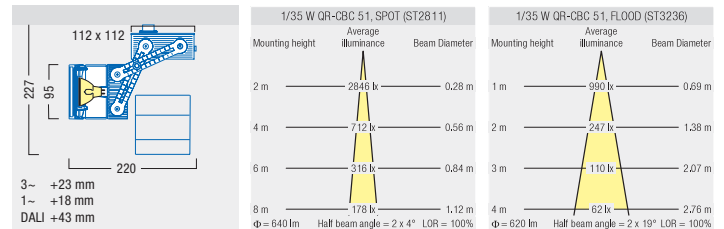
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 173
Soft outline lens	S0 529 410

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 002 760
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



XENO S QT 12



Cat. no.

kg

Order no.



750 °C

Spotlight for tracks

- Lampholder: GY 6.35
- Mains voltage: 230 V/50–60 Hz
- Lamp voltage: 12 V
- Electronic safety transformer 20 W to 100 W, can be dimmed via integral rotary potentiometer
- DALI version with type LDE (20–105 VA) transformer, bus tapping via DALI track
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- With anti-glare tube
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Protective glass panel can be replaced by colour/blocking filter

Spotlight with 3-circuit adapter

1/90 W QT-LP 12 flood	1,2	S7 122 720
1/90 W QT-LP 12 spot	1,2	S7 122 700
1/90 W QT-LP 12 superspot	1,2	S7 122 680

3-phase spotlight (with adapter for DALI track)

1/90 W QT-LP 12 flood, dimmable DALI	1,2	60 710 320
1/90 W QT-LP 12 spot, dimmable DALI	1,2	60 710 319
1/90 W QT-LP 12 superspot, dimmable DALI	1,2	60 710 318

Spotlight with 1-circuit adapter

1/90 W QT-LP 12 flood	1,2	S7 122 730
1/90 W QT-LP 12 spot	1,2	S7 122 710
1/90 W QT-LP 12 superspot	1,2	S7 122 690

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 970
Attachment holder black	S7 002 990

Blocking filter

IR/UVA	S0 529 990
Protective glass	S0 529 970
UVA Blocking filter	S0 529 980

Colour filter

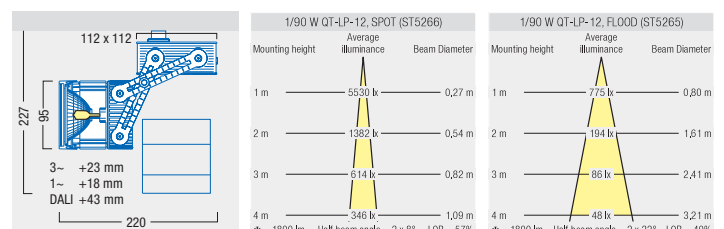
Blue	S0 546 100
Green	S0 546 120
Red	S0 546 130
Yellow	S0 546 110

Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 173
Soft outline lens	S0 529 410

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 002 760
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.

To specify e.g.: **XENO S QR-CBC LMP** 1/50 W QR-CBC LMP S7 122 660

XENO S QT 12 LMP



Cat. no.

kg

Order no.



750 °C

Spotlight for tracks

- For Luxmate Professional Powerline lighting management system
- Lampholder: GY 6.35
- Mains voltage: 230 V/50 Hz
- Lamp voltage: 12 V
- 20 W–100 W electronic safety transformer
- Move rotary potentiometer to maximum setting, can only be dimmed using LUXMATE Powerline
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- With anti-glare tube
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Protective glass panel can be replaced by colour/blocking filter

Spotlight with 3-circuit adapter

1/90 W QT-LP 12 LMP flood	1,3	S7 122 780
1/90 W QT-LP 12 LMP spot	1,3	S7 122 760
1/90 W QT-LP 12 LMP superspot	1,3	S7 122 740

Spotlight with 1-circuit adapter

1/90 W QT-LP 12 LMP flood	1,3	S7 122 790
1/90 W QT-LP 12 LMP spot	1,3	S7 122 770
1/90 W QT-LP 12 LMP superspot	1,3	S7 122 750

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 970
Attachment holder black	S7 002 990

Blocking filter

IR/UVA	S0 529 990
Protective glass	S0 529 970
UVA Blocking filter	S0 529 980

Colour filter

Blue	S0 546 100
Green	S0 546 120
Red	S0 546 130
Yellow	S0 546 110

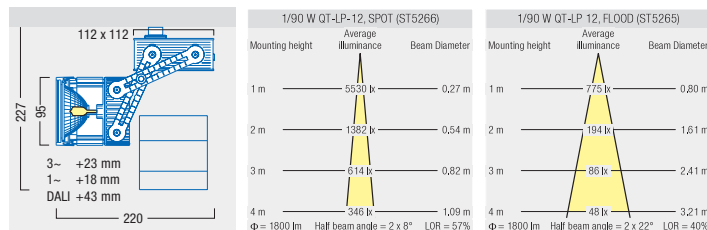
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 173
Soft outline lens	S0 529 410

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 002 760
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



XENO S HIT-TC-CE G8.5



Cat. no.

kg

Order no.



750 °C

Spotlight(s) for tracks

- Lampholder: G 8.5
- Mains voltage: 220–240 V/50–60 Hz
- With electronic ballast, built-in digital igniter (PulseControl)
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- With anti-glare tube
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Protective glass panel can be replaced by colour/blocking filter

Spotlight with 3-circuit adapter

1/35 W HIT-TC-CE G8,5 flood	1,4	S7 127 190
1/35 W HIT-TC-CE G8,5 spot	1,4	S7 127 180

Spotlight with 1-circuit adapter

1/35 W HIT-TC-CE G8,5 flood	1,4	S7 127 210
1/35 W HIT-TC-CE G8,5 spot	1,4	S7 127 200

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 970
Attachment holder black	S7 002 990

Blocking filter

IR/UVA	S0 529 990
Protective glass	S0 529 970
UVA Blocking filter	S0 529 980

Colour filter

Blue	S0 546 100
Green	S0 546 120
Red	S0 546 130
Yellow	S0 546 110

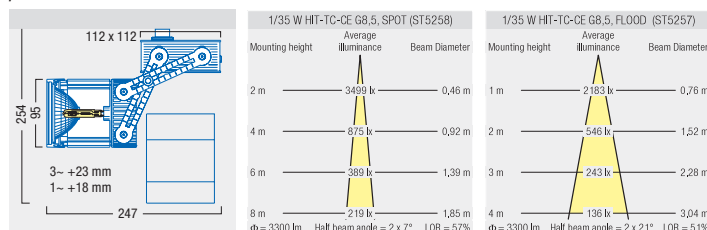
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 173
Soft outline lens	S0 529 410

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 002 760
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



To specify e.g.: XENO S QT 12 LMP 1/90 W QT-LP 12 LMP flood S7 122 780

XENO M QT 12



Cat. no.

kg

Order no.



Spotlight(s) for tracks

- Lampholder: GY 6.35
- Mains voltage: 230 V/50–60 Hz
- Lamp voltage: 12 V
- Electronic safety transformer 20 W to 100 W, can be dimmed via integral rotary potentiometer
- DALI version with type LDE (20–105 VA) transformer, bus tapping via DALI track
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Protective glass panel can be replaced by colour/blocking filter

For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories. Honeycomb louvre, barn doors as well as oval and soft outline lenses may only be used with QT-LP 12 up to a max. of 90 W.

Spotlight with 3-circuit adapter

1/100 W QT-LP 12 flood	1,3	S7 127 230
1/100 W QT-LP 12 spot	1,3	S7 127 220

3-phase spotlight (with adapter for DALI track)

1/100 W QT-LP 12 flood, dimmable DALI	1,3	60 710 323
1/100 W QT-LP 12 spot, dimmable DALI	1,3	60 710 322

Spotlight with 1-circuit adapter

1/100 W QT-LP 12 flood	1,3	S7 127 250
1/100 W QT-LP 12 spot	1,3	S7 127 240

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 980
Attachment holder black	S7 003 010

Blocking filter

IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Colour filter

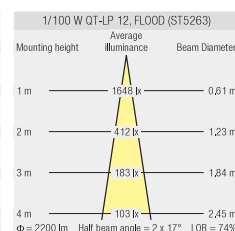
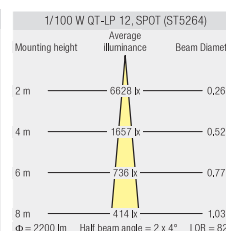
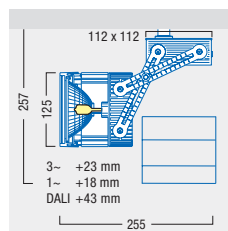
Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 003 030
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XENO M QR 111



Cat. no.

kg

Order no.



Spotlight for tracks

- Lampholder: flat-pin plug G 53
- Mains voltage: 230 V/50–60 Hz
- Lamp voltage: 12 V
- Electronic safety transformer 20 W to 100 W, can be dimmed via integral rotary potentiometer
- DALI version with type LDE (20–105 VA) transformer, bus tapping via DALI track
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Universal joint, pivots through 90°

750 °C

Spotlight with 3-circuit adapter

1/100 W QR 111	1,3	S7 122 800
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3-phase spotlight (with adapter for DALI track)

1/100 W QR 111 dimmable DALI	1,3	60 710 321
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Spotlight with 1-circuit adapter

1/100 W QR 111	1,3	S7 122 810
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Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 980
Attachment holder black	S7 003 010

Blocking filter (only to be fitted in attachment holder)

IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Interference colour filters (only with attachment holder)

Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

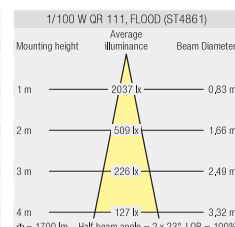
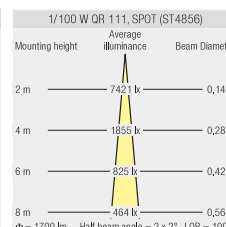
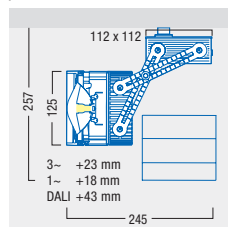
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 003 030
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



To specify e.g.: XENO M QT 12 1/100 W QT-LP 12 flood S7 127 230

XENO M QR 111 LMP



Cat. no.

kg

Order no.



750 °C

Spotlight for tracks

- For Luxmate Professional Powerline lighting management system
- Lampholder: flat-pin plug G 53
- Mains voltage: 230 V/50 Hz
- Lamp voltage: 12 V
- 20 W–100 W electronic safety transformer
- Move rotary potentiometer to maximum setting, can only be dimmed using LUXMATE Powerline
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Universal joint, pivots through 90°

Spotlight with 3-circuit adapter

1/100 W QR 111 LMP	1,4	S7 122 920
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Spotlight with 1-circuit adapter

1/100 W QR 111 LMP	1,4	S7 122 930
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Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 980
Attachment holder black	S7 003 010

Blocking filter (only to be fitted in attachment holder)

IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Interference colour filters (only with attachment holder)

Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

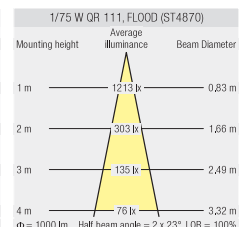
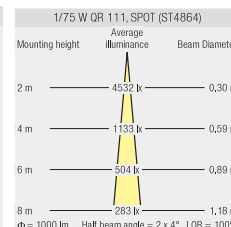
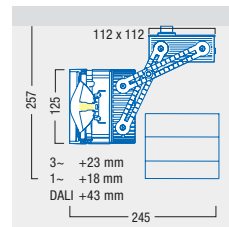
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 003 030
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



XENO M HIT-TC-CE G8.5



Cat. no.

kg

Order no.



750 °C

Spotlight(s) for tracks

- Lampholder: G 8.5
- Mains voltage: 220–240 V/50–60 Hz
- With electronic ballast, built-in digital igniter (PulseControl)
- Rotates through 365°
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- Universal joint, pivots through 90°
- Fine adjustment of lamp obtained using front ring
- Protective glass panel can be replaced by colour/blocking filter

Spotlight with 3-circuit adapter

1/35 W HIT-TC-CE G8,5 flood	1,6	S7 127 410
1/35 W HIT-TC-CE G8,5 spot	1,6	S7 127 400

Spotlight with 1-circuit adapter

1/35 W HIT-TC-CE G8,5 flood	1,6	S7 127 430
1/35 W HIT-TC-CE G8,5 spot	1,6	S7 127 420

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 980
Attachment holder black	S7 003 010

Blocking filter

IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Colour filter

Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

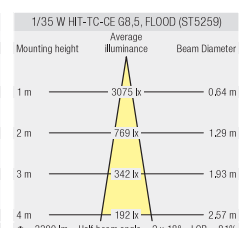
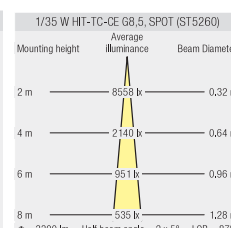
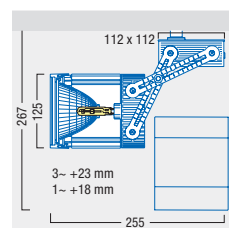
Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 003 030
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For surface-mounting/recess: additionally order point outlet (reinforced version for 1 phase); please refer to Tracks and Accessories.



To specify e.g.: XENO M QR 111 LMP 1/100 W QR 111 LMP S7 122 920

XENO M HIT-CE G12



Cat. no.

kg

Order no.



- Spotlight for tracks
- Lampholder: G 12
 - Mains voltage: 230 V/50 Hz
 - Rotates through 365°
 - With ballast and digital igniter (PulseControl), parallel p.f. corrected
 - Housing made of die-cast aluminium
 - Colour: titanium
 - Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
 - Universal joint, pivots through 90°
 - Fine adjustment of lamp obtained using front ring
 - Protective glass panel can be replaced by colour/blocking filter
 - Wall-mounting not permissible
 - Not suitable for point outlets

3-circuit spotlight flood (with adapter 2000)			cap.
1/70 W HIT-CE G12 flood	3,5		S7 122 840
1/70 W HIT-CE G12 wide flood	3,5		S7 122 850
1/150 W HIT-CE G12 flood	4,1		S7 122 880
1/150 W HIT-CE G12 wide flood	4,1		S7 122 890

3-circuit spotlight spot (with adapter 2000)			cap.
1/70 W HIT-CE G12 spot	3,5		S7 122 830
1/70 W HIT-CE G12 superspot	3,5		S7 122 820
1/150 W HIT-CE G12 spot	4,1		S7 122 870
1/150 W HIT-CE G12 superspot	4,1		S7 122 860

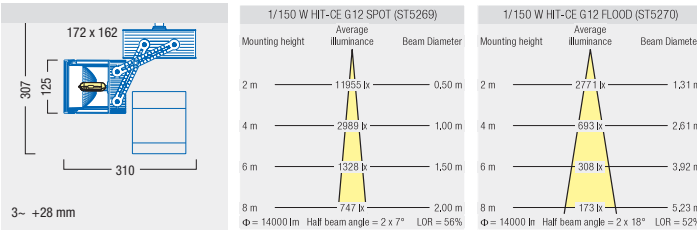
Accessories	
Anti-glare blades, black, complete with attachment holder	S7 002 980
Anti-glare tube, black (for shielding lamp)	S7 003 240
Attachment holder black	S7 003 010

Blocking filter	
IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Colour filter	
Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

Oval/soft outline lens (only for fitting in attachment holder)	
Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)	
Honeycomb mesh black	S7 003 030



To specify e.g.: XENO M HIT-CE G12 1/70 W HIT-CE G12 flood S7 122 840

XENO M HST GX12



Cat. no.

kg

Order no.



Spotlight(s) for tracks

- Lampholder: GX 12
- For use with: HST 100 W (PHILIPS SDW-TG)
- Mains voltage: 220–240 V/ 50–60 Hz
- Rotates through 365°
- With electronic ballast
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour
- Universal joint, pivots through 90°
- Wall-mounting not permissible
- Not suitable for point outlets

3-phase spotlight (with adapter 2000 as standard)

electronic

1/100 W HST GX12 flood	4,1	S7 127 270
1/100 W HST GX12 spot	4,1	S7 127 260

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 980
Attachment holder black	S7 003 010
Lamp HST 100 W GX12 (PHILIPS SDW-TG)	24 134 120

Blocking filter

IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Colour filter

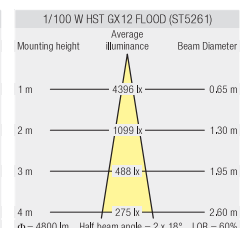
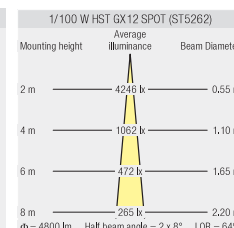
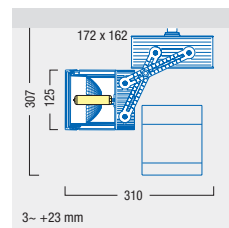
Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 003 030
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XENO M HST PG12



Cat. no.

kg

Order no.



750 °C

Spotlight for tracks

- Lampholder: PG 12
- Mains voltage: 230 V/50 Hz
- Rotates through 365°
- With ballast, electronic igniter and stabiliser, parallel p.f. corrected
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of anodised highest-grade aluminium, silver colour
- Universal joint, pivots through 90°
- Wall-mounting not permissible
- Not suitable for point outlets

3-phase spotlight (with adapter 2000 as standard)

1/100 W HST flood	4,0	S7 122 910
1/100 W HST spot	4,0	S7 122 900

Accessories

Anti-glare blades, black, complete with attachment holder	S7 002 980
Attachment holder black	S7 003 010

Blocking filter

IR/UVA	S0 546 160
Protective glass	S0 546 140
UVA Blocking filter	S0 546 150

Colour filter

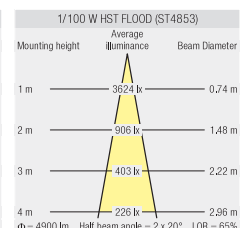
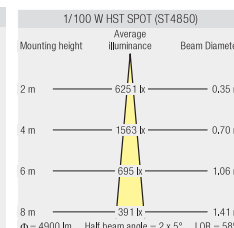
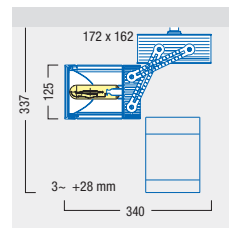
Blue	S0 546 170
Green	S0 546 190
Red	S0 546 200
Yellow	S0 546 180

Oval/soft outline lens (only for fitting in attachment holder)

Oval outline lens (recommended for spot reflector)	60 800 174
Soft outline lens	S0 529 580

Honeycomb mesh (only for fitting in attachment holder)

Honeycomb mesh black	S7 003 030
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To specify e.g.: XENO M HST GX12 1/100 W HST GX12 flood S7 127 270

XENO WW HIT-DE asymmetrical



Wallwasher for tracks

- Asymmetrical light distribution
- Lampholder: RX7s
- Mains voltage: 230 V/50 Hz
- Rotates through 365°
- With ballast and digital igniter (PulseControl), parallel p.f. corrected
- Housing made of die-cast aluminium
- Colour: titanium
- Specular reflector made of structured highest-grade aluminium, anodised in a bright satin finish, silver colour
- With protective glass
- Protective glass can be replaced by blocking filter/soft-outline lens
- Universal joint, pivots through 90°
- Readjustment of wallwasher optic possible
- Wall-mounting not permissible
- Not suitable for point outlets

Cat. no.

kg

Order no.

3-phase spotlight (with adapter 2000 as standard)

cap.

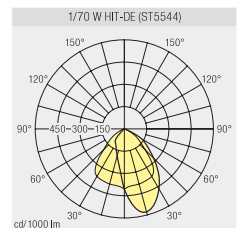
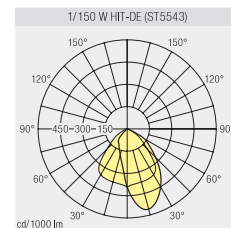
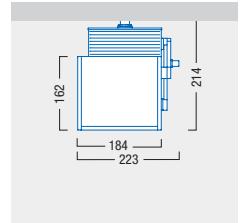
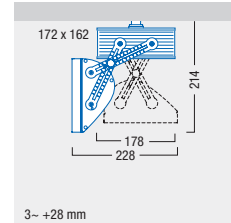
1/70 W HIT-DE	3,7	60 710 102
1/150 W HIT-DE	3,7	60 710 105

Accessories

Anti-glare frame, black (prevents lateral light exit)	60 700 009
Barn doors, black	60 700 010
Soft outline lens	06 801 382

Blocking filter

IR/UVA	06 801 362
UVA	06 801 361



XENO WW QT-DE asymmetrical



Wallwasher for tracks

- Asymmetrical light distribution
- Lampholder: R7s
- Mains voltage: 230 V
- Rotates through 365°
- Spotlight head pivots through 90°
- Spotlight housing, sheet steel and die-cast aluminium
- Colour: titanium
- Specular reflector made of structured highest-grade aluminium, anodised in a bright satin finish, silver colour
- With protective glass
- Protective glass can be replaced by blocking filter/soft-outline lens

Cat. no.

kg

Order no.

Spotlight with 3-circuit adapter

1/300 W QT-DE 12	1,8	60 710 114
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Spotlight with 1-circuit adapter

1/300 W QT-DE 12	1,8	60 710 116
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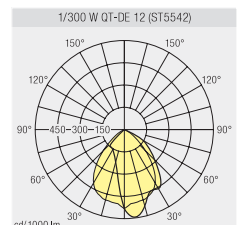
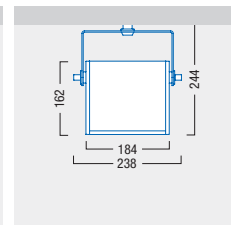
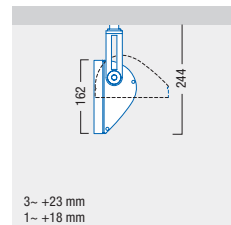
Accessories

Anti-glare frame, black (prevents lateral light exit)	60 700 009
Barn doors, black	60 700 010

Blocking filter

IR/UVA	06 801 362
Soft outline lens	06 801 382
UVA	06 801 361

* QT-DE12: contact gap 114.2 mm according to IEC 357. Use of IR/UVA blocking filters is only permitted up to a maximum of 200 W. In case of surface-mounting/recess: please additionally order point outlet (reinforced version for single-phase); please refer to Tracks and Accessories.



XENO PROJECTOR



- Spotlight for tracks**
- Lampholder: GY 6.35
 - Mains voltage: 230 V
 - Electronic safety transformer
 - Rotates through 365°
 - Universal joint, pivots through 90°
 - Gobo wheel with variable speed.
Also suitable for 35 mm slides with accessory
 - Colour wheel
 - Housing made of die-cast aluminium
 - Colour: titanium
 - Wall-mounting not permissible
 - Not suitable for point outlets

Cat. no. kg Order no.

3-phase spotlight (with adapter 2000 as standard)

1/100 W Projector	4,5	S7 122 970
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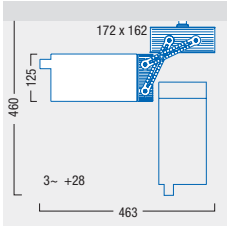
Accessories

100 W projection lamp (OSRAM, HLX 64623)	24 099 944
Cover glass, diameter 42	S0 546 380
Slide mask 24 x 36 diameter 42	S7 122 990

Dichro (interference) colour filter, D = 37 mm

Blue	S0 546 290
Green	S0 546 310
Red	S0 546 320
Yellow	S0 546 300

Lamp, colour filter, slide masks and glass covers are included in the supply as original fittings.
Gobos as customized item available on request.



Technical description
XENO projector

- Lamp voltage: 12 V
- Short-circuit and overload protection
- Overtemperature protection
- With On/Off switch (rotary potentiometer) for manual operation and time setting for gobo/template wheel and colour wheel
- Gobo wheel with 4 holders for 24 x 36 mm slides or Ø 42 mm metal or glass gobos (combination of slide/glass or metal gobos possible)
- Templates: self-produced transparencies from laser/inkjet printers or overhead transparencies
- Colour wheel to accommodate five dichroic (interference) colour filters
- Gobo wheel and colour wheel driven by a geared motor; manual operation and timer function (time setting) via rotary potentiometer on control gear housing
- Choice of speeds:
Gobo wheel from approx. 0.5 to 140 sec
Colour wheel from approx. 0.5 to 140 sec
- Projection lens: 1:2.8, focal length (f) = 93 mm; this adjustable objective is used for focussing images at varying distances; projection distance = 1.5 m–5 m, depending on ambient light
- Cooling attachment for lampholder made of die-cast aluminium, black stove-enamelled
- Projection tube made of aluminium extrusion, titanium/black stove-enamelled
- Universal joint in die-cast aluminium, can be fixed in position with fixing screw; with internal supply cable

Gobo holder (empty) Ø 39 mm

Distance light exit Objective to wall	Diameter Ø	Edge of field E _{medium} (lx)	Centre of field E (lx)
1 m	0.40 m	2678 lx	3150 lx
2 m	0.80 m	612 lx	786 lx
3 m	1.20 m	225 lx	349 lx
4 m	1.60 m	130 lx	197 lx
5 m	2.00 m	70 lx	126 lx

Slide aperture (empty) 34 x 22 mm

Distance light exit Objective to wall	Area	Edge of field E _{medium} (lx)	Centre of field E (lx)
1 m	0.35 x 0.23 m	2385 lx	2857 lx
2 m	0.75 x 0.50 m	349 lx	714 lx
3 m	1.15 x 0.75 m	186 lx	317 lx
4 m	1.55 x 1.00 m	93 lx	179 lx
5 m	1.95 x 1.30 m	75 lx	114 lx

XENO PROJECTION QT 12

Cat. no. kg Order no.



- Spotlight with optical bench (complete model)
- Lampholder: GY 6.35
 - Used to project a light field
 - Mains voltage: 230 V/50–60 Hz
 - Lamp voltage: 12 V
 - Electronic safety transformer 20 W to 100 W, can be dimmed via integral rotary potentiometer
 - Rotates through 365°
 - Housing made of die-cast aluminium
 - Colour: titanium
 - Universal joint, pivots through 90°
 - Spotlight with projection modules comprising guiding rail with condenser lens, lens optic and including 100 W (OSRAM, HLX 64623) projection lamp
 - Holder to accommodate gobos, perforated sheet steel covers and colour filters as well as framing cover or lenses must be ordered separately
 - The position of individual components on the guide track can be adjusted
 - Wall-mounting not permissible
 - Not suitable for point outlets

3-phase spotlight (with adapter 2000 as standard)

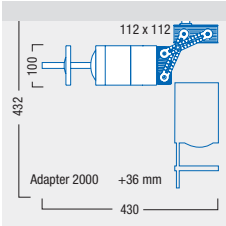
1/100 W Projection	2,0	S7 127 290
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Accessories

100 W projection lamp (OSRAM, HLX 64623)	24 099 944
D42/10 perforated cover	S7 123 560
Framing cover	S7 123 540
Holder for gobos/cover/filter glasses	S7 123 530
Lens 1:2.8 F85	S7 123 550
Perforated cover D42/20	S7 123 570
Perforated cover D42/30	S7 123 580

Colour filter

Blue	S0 546 290
Green	S0 546 310
Red	S0 546 320
Yellow	S0 546 300



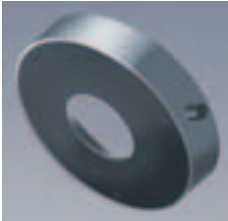
Perforated covers



Interference colour filters



Gobos
(made to order)



Holder for gobos, perforated covers and glass filters

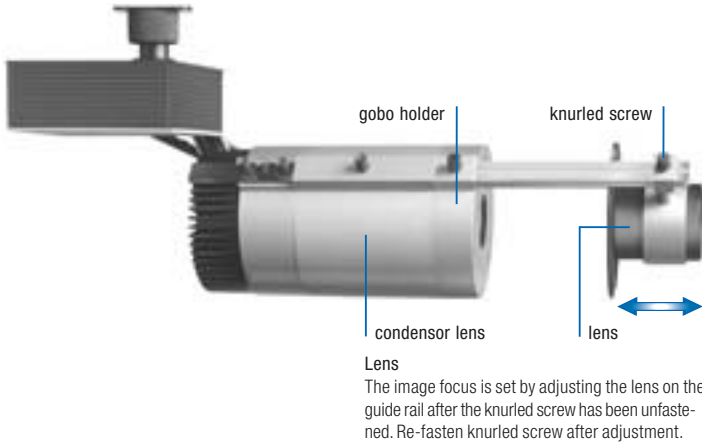


Lens

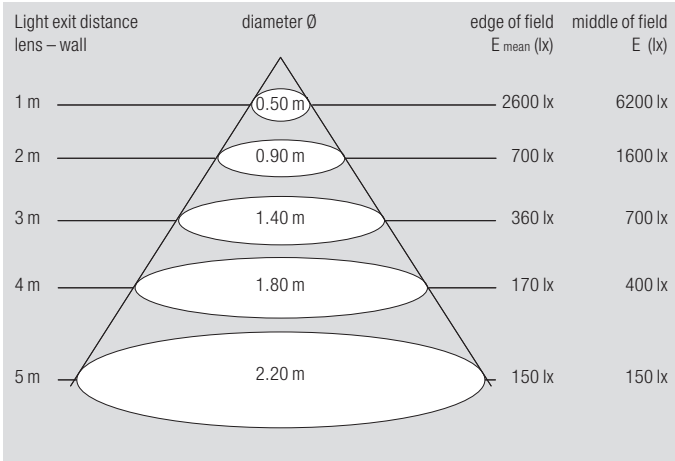


Framing cover

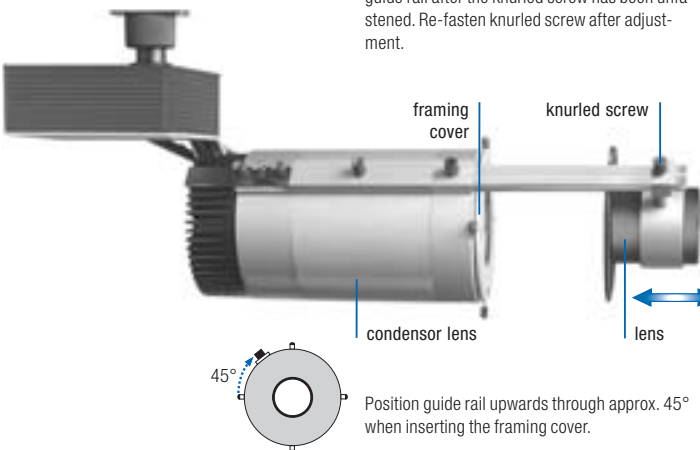
Gobo-projection



Projection dimensions



Framing projection



Lens
The image focus is set by adjusting the lens on the guide rail after the knurled screw has been unfastened. Re-fasten knurled screw after adjustment.

framing cover

knurled screw

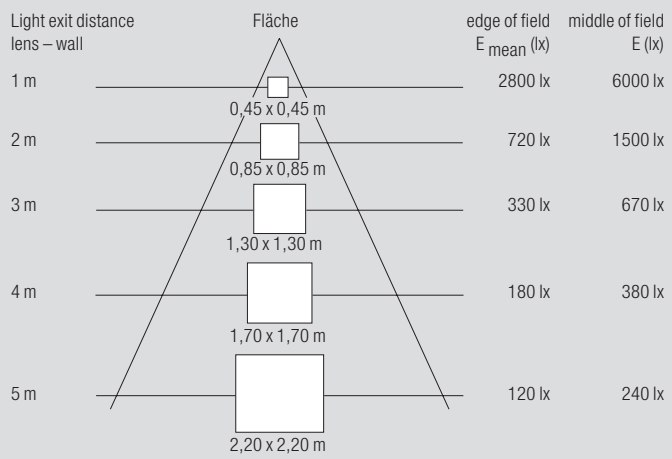
condensor lens

lens

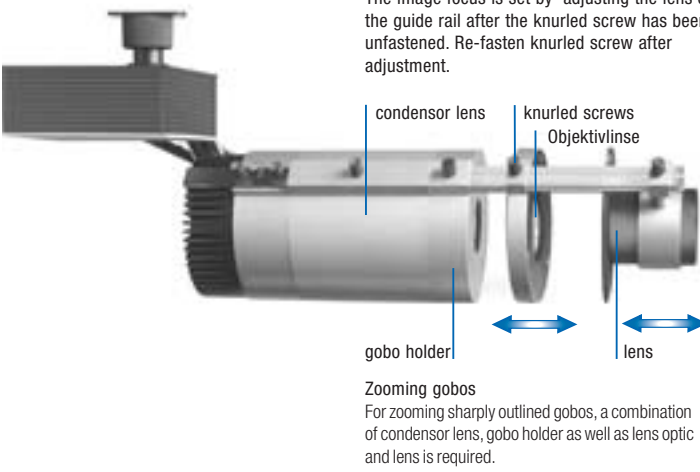
45°

Position guide rail upwards through approx. 45° when inserting the framing cover.

Projection dimensions



Gobo projection with zoom



Lens
The image focus is set by adjusting the lens on the guide rail after the knurled screw has been unfastened. Re-fasten knurled screw after adjustment.

condensor lens

knurled screws

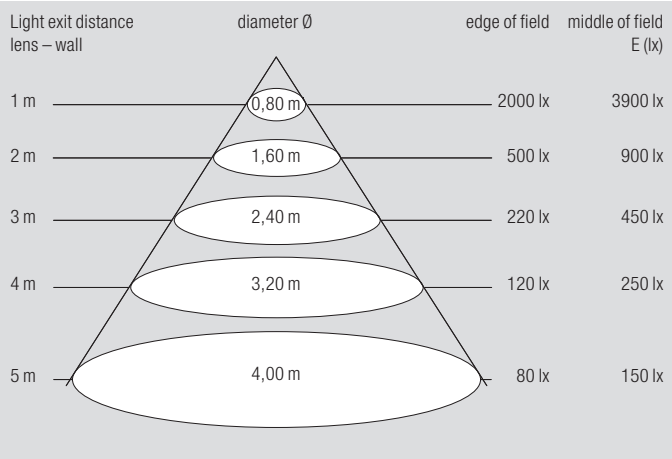
Objektivlinse

gobo holder

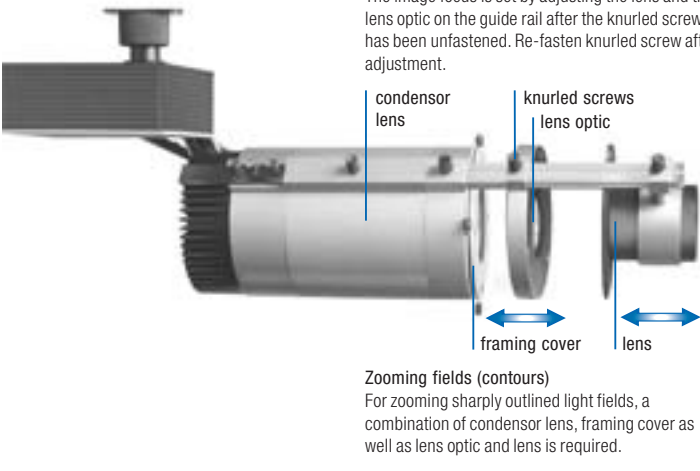
lens

Zooming gobos
For zooming sharply outlined gobos, a combination of condensor lens, gobo holder as well as lens optic and lens is required.

Projection dimensions



Framing projection with zoom



Lens
The image focus is set by adjusting the lens and the lens optic on the guide rail after the knurled screw has been unfastened. Re-fasten knurled screw after adjustment.

condensor lens

knurled screws

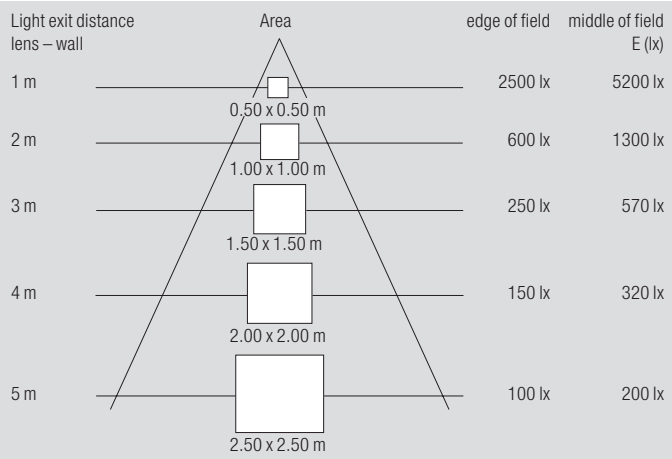
lens optic

framing cover

lens

Zooming fields (contours)
For zooming sharply outlined light fields, a combination of condensor lens, framing cover as well as lens optic and lens is required.

Projection dimensions





**INDUSTRY
AND ENGINEERING**



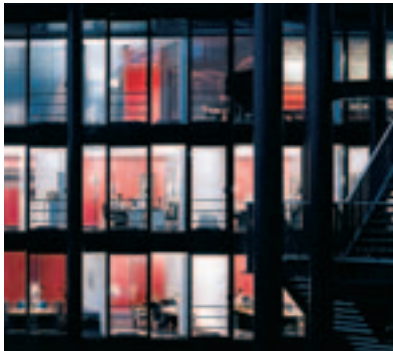
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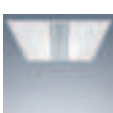
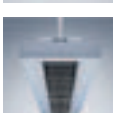



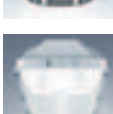
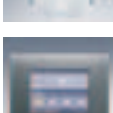


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