

ERCO
10.72035.023

Optec Spotlight.

T6 70W, G12.
120V / 60Hz.
Housing: white.
Spotreflector.

Made in Germany

ERCO
10.72035.023

Optec Spotlight.

T6 70W, G12.
120V / 60Hz.
Housing: white.
Spotreflector.

Made in Germany

ERCO
10.72035.023

Optec Spotlight.

T6 70W, G12.
120V / 60Hz.
Housing: white.
Spotreflector.

Made in Germany

ERCO
10.72035.023

Optec Spotlight.

T6 70W, G12.
120V / 60Hz.
Housing: white.
Spotreflector.

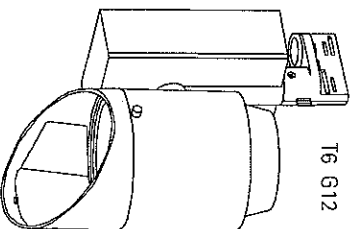
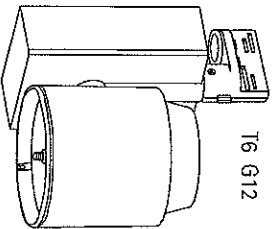
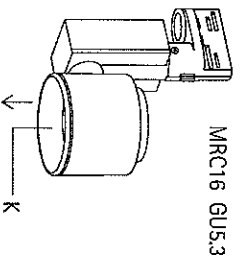
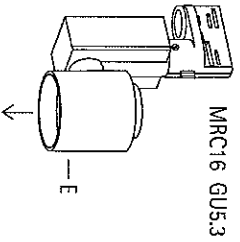
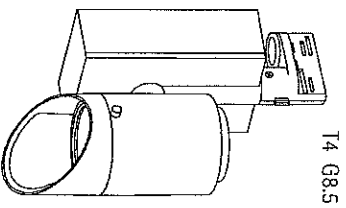
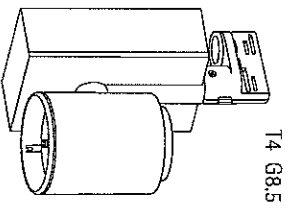
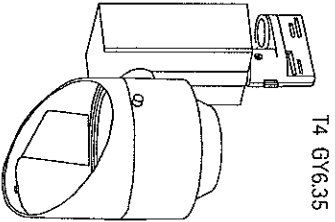
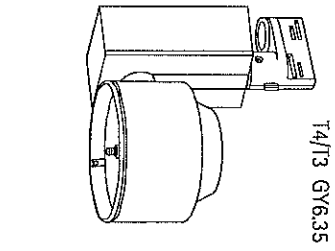
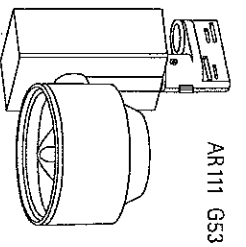
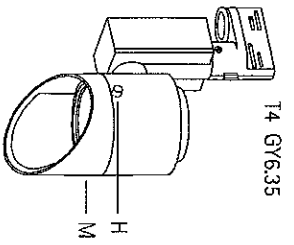
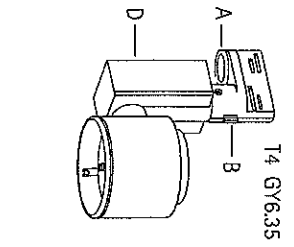
Made in Germany

ERCO GmbH
Postfach 24 60
58505 Lüdenscheid
Brockhauser Weg 80-82
58507 Lüdenscheid
Germany

Tel.: +49 2351 551 0
Fax: +49 2351 551 300
info@erco.com
www.erco.com

Optec

Spotlights and Wallwashers



INSTALLATION INSTRUCTIONS

ENGLISH

READ THESE INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION. KEEP THESE DOCUMENT FOR FUTURE REFERENCE.

ATTENTION

THIS LUMINAIRE MUST BE INSTALLED TO CONFORM WITH NEC AND ALL LOCAL ELECTRICAL & BUILDING CODES AND PRACTICES.

DISCONNECT POWER SUPPLY BEFORE INSTALLING OR SERVICING.

THE ERCO ADAPTER HAS BEEN DEVELOPED SOLELY FOR USE IN ERCO TRACK SYSTEMS, AND IN THIS RESPECT HAS BEEN RECOGNIZED BY UL AND OTHER TESTING AUTHORITIES. IF ERCO ADAPTERS ARE USED WITH PRODUCTS OF OTHER MANUFACTURERS, WE CANNOT ACCEPT LIABILITY FOR THE FUNCTIONING OF THE COMBINED SYSTEM OR FOR ANY CONSEQUENTIAL DAMAGE WHICH MAY RESULT FROM THE USE OF THE COMBINATION.

THE LIABILITY FOR DEFECTIVE ERCO ADAPTERS REMAINS UNAFFECTED.

THE ADAPTER CANNOT BE USED IN 79070-79073 (SINGLE).

DURING OPERATION, THESE LUMINAIRES MAY BECOME HOT TO THE TOUCH. BE CAUTIOUS WHEN MAKING ADJUSTMENTS OR CHANGING LAMPS ETC.

CAUTION

ALL METAL HALIDE LAMPS HAVE QUARTZ ARC TUBES THAT OPERATE AT EXTREMELY HIGH TEMPERATURES AND MAY SHATTER UNEXPECTEDLY AS A RESULT OF MISAPPLICATION, SYSTEM FAILURES OR INTERNAL FACTORS.

THIS VIOLENT FAILURE COULD CAUSE EXTREMELY HOT GLASS AND LAMP FRAGMENTS TO DISCHARGE INTO THE SURROUNDING ENVIRONMENT, CREATING A RISK OF PERSONAL INJURY, FIRE OR PROPERTY DAMAGE. THEREFORE IT IS INCUMBENT ON THE USER TO USE COMMON SENSE AND GOOD JUDGMENT IN ANTICIPATION OF THESE POTENTIAL VIOLENT FAILURES. NEVER USE OR OPERATE THIS LUMINAIRE WITHOUT THE SAFETY GLASS OR LENS INSTALLED, AND SECURED IN PLACE.

Reduction of Risk
THE POTENTIAL OF VIOLENT FAILURE CAN BE REDUCED SIGNIFICANTLY IF RELAMPING IS INSTIGATED AT, OR BEFORE, THE RATED END OF LAMP LIFE (SEE LAMP MANUFACTURERS

PUBLICATIONS) WHERE THE LAMPS ARE BURNING CONTINUOUSLY. THE LAMPS SHOULD BE TURNED OFF FOR A PERIOD OF 15 MINUTES AT LEAST ONCE A WEEK. THIS WILL CAUSE LAMPS NEARING THE END OF THEIR LIFE TO FAIL PASSIVELY DURING RESTART.

THESE PRECAUTIONS MAY NOT ELIMINATE ALL POSSIBLE RISKS ASSOCIATED WITH USING METAL HALIDE LAMPS, BUT WILL GREATLY REDUCE THE LIKELIHOOD OF PERSONAL INJURY OR PROPERTY DAMAGE.

Installation Instructions

The adapter may be installed and operated in either direction in the 2-circuit track system.

1. Select the required circuit by turning the adapter before insertion into the track.
2. Rotate lever "B" through 90 degrees, until the adapter locks into position. Rotate lever "A" in a similar manner to power the spotlight.
3. Removal is reverse of above procedure.

Spotlight: Lamp Installation and Relamping

SWITCH-OFF POWER SUPPLY AND COOL BEFORE REPLACING LAMP.

The lamp reference is printed on the luminaire housing "D". Only use the specific lamp type indicated.

T4/T5 GY6.35 lamps

1. Compress one of the three springs and remove the safety glass from the spotlight.
2. Install, replace and operate lamp observing the lamp manufacturer's installation instructions.
3. Refit the safety glass.

MRC16 G12 lamps

ONLY LAMPS APPROVED FOR USE IN OPEN LUMINAIRES ARE TO BE USED.

1. Remove the light head "E" or the surround "K" by rotating in the direction of the arrow.
2. Install, replace and operate lamp observing the lamp manufacturer's installation instructions.
3. Refit the light head "E" or the surround "K".

AR111 G53 lamps

ONLY LAMPS APPROVED FOR USE IN OPEN LUMINAIRES ARE TO BE USED. Install or replace the lamp observing the lamp manufacturer's instructions.

T4 G8.5, T6 G12 lamps

1. Compress one of the three springs and remove the safety glass from the spotlight.
2. Install, replace and operate lamp observing the lamp manufacturer's installation instructions.

Note: After installation, every lamp in the reflector must be centred. To avoid damaging the lamp glass, the

lamp must not touch the reflector.

3. Refit the safety glass.

Walkwasher: Lamp Installation and Relamping

SWITCH-OFF POWER SUPPLY AND COOL BEFORE REPLACING LAMP.

The lamp reference is printed on the luminaire housing "D". Only use the specific lamp type indicated.


1. Loosen screw "H" and remove walkwasher attachment "M" from the spotlight.
2. Install, replace and operate lamp observing the lamp manufacturer's installation instructions.

Note for T4 G8.5 and T6 G12. After installation, every lamp in the reflector must be centred. To avoid damaging the lamp glass, the lamp must not touch the reflector.

3. Re-secure walkwasher attachment "M" onto the spotlight with screw "H".

Note: spread lens integrated into the walkwasher attachment "M" has the properties of a safety lens.

Safety Distance

This sign  on the luminaire symbolizes the safety distance in the direction of the light beam, to any combustible surface. This safety distance is to be observed.

Safety glass

Luminaires equipped with protective covers as standard must only be operated with the complete protection cover in place. If a lamp explodes then it is imperative that the safety glass is replaced.

⊗= A damaged safety glass must be replaced.

Accessories

Spotlights

A separate mounting ring is required for filters, lenses and screens.

Walkwashers

1. Undo screw "H" and remove walkwasher attachment "M" from the spotlight.
2. The "ERCO" logo on the filter must face the lamp.
3. Insert filter into one of the three springs, swing it into position and engage it with the other springs.
3. Re-secure walkwasher attachment "M" to spotlight using screw "H".

Dimming of Low-voltage Halogen Lamps

The spotlights for low-voltage halogen lamps are equipped with electronic transformers. Dimmers suitable for electronic transformers should be used if lamps are to be dimmed. The manufacturers installation instructions must be observed. When using dimmers, which are not

suitable for electronic transformers, the transformer or dimmer may become unserviceable. ERCO WILL NOT ASSUME ANY WARRANTY IF UNSUITABLE DIMMERS ARE USED.

Protection against over-current when switching off inductive loads e.g. fluorescent lamps, high-intensity lamps etc., spikes (high voltage peaks) may occur.

ALL ERCO ELECTRONIC TRANSFORMERS HAVE INTEGRATED SAFETY CIRCUITS FOR "OVER CURRENT" OR "SHORT CIRCUIT" CONDITIONS.

WITH ELECTRONIC TRANSFORMERS, FULL RANGE DIMMING CAPABILITY CAN BE OBTAINED WITH MOST COMMERCIAL TRIAC DIMMERS.

Note on high-intensity discharge lamps

High-intensity discharge lamps must be immediately replaced at the end of their service life. The end of their service life is reached when: the color of light changes; the lamp glass becomes darkly discolored; periodic stopping and starting occurs; the lamp no longer ignites; the lamp manufacturer's instructions must be observed.

These luminaires are equipped with protection systems in the control gear to switch the lamp off at the end of its service life. This minimises the likelihood of damage to the control gear.

Occasionally if the lamp is not replaced on time, the control gear used may be destroyed. Hot materials can be emitted from the luminaire and cause damage. Consequential damage may result.

Cleaning

The luminaire must be switch-off and cool before being cleaned.

Cleaning of luminaires

A dampened soft cloth is to be used.

Cleaning of plastics

Use a soft cloth and a standard pH-neutral, alcohol free non-scouring detergent.

Cleaning of reflectors

Use a soft cloth and a standard pH-neutral non-scouring detergent.

THESE INSTALLATION SHEETS DO NOT CLAIM TO COVER ALL DETAILS OR VARIATIONS IN THE EQUIPMENT. PROCEDURE OR PROCESS DESCRIBED NOR DO THEY PROVIDE DIRECTIONS FOR MEETING EVERY POSSIBLE CONTINGENCY DURING INSTALLATION, OPERATION OR MAINTENANCE.

WHEN ADDITIONAL INFORMATION IS REQUIRED TO SATISFY A PROBLEM NOT COVERED SUFFICIENTLY FOR THE USERS PURPOSE, PLEASE CONTACT YOUR LOCAL REPRESENTATIVE, OR THE ERCO OFFICES.