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Symbols, safety



Important, safety information, recommendation



Important information



CE conformity marking



Device corresponds to protection class III
(operates with safety extra low voltage, SELV)



Functional earth



Observe directions for disposal



Observe directions for disposal

General safety information

The details and information in the installation guide are provided for the purposes of describing the product and its assembly only. The information does not discharge the user from the obligation to carry out his own assessments and checks. It is important to bear in mind that our products are subject to a natural process of wear and ageing. These notes contain important information that will enable you to use the product safely and appropriately. When sold, rented out or otherwise passed on to another party, this product must be handed over with the installation guide. You must therefore read and follow the safety instructions set out below.

- All work on and with LED Light Fitting must be performed with “safety first” in mind.
- Switch off the power to LED Light Fitting before carrying out any work on it.
- Ensure LED Light Fitting cannot be switched on unintentionally, e.g. by affixing warning notices at the activation point or by removing the fuse from the power supply.
- Observe the regulations pertaining to accident prevention and environmental protection that apply in the country and place of work where the product is being used.

- Use only item products that are in perfect working order.
- Failure to use original spare parts will invalidate the product warranty!
- Check the product for obvious defects.
- Use the product only within the performance range described in the technical data.
- Ensure that all the safety equipment associated with the product is present, properly installed and in full working order.
- Do not alter the position of safety equipment, circumvent it or render it ineffective.

LED Light Fitting, as described here, corresponds to the state of the art and takes into account the general principles of safety applicable at the time this installation guide was published. Nevertheless, failure to observe the safety instructions and warning notices in this installation guide may result in personal injury and damage to property. We will assume no liability for any resulting damage or injury. We reserve the right to make technical changes that represent technical advances. Keep these installation notes in a place where they can be easily accessed by all users. The general safety information applies to the entire lifecycle of LED Light Fitting.

1. During transportation

Observe the handling instructions on the packaging. Until it is installed, the product must be stored in its original packaging, protected from moisture and damage. Ensure that moving parts are secured when in transit and cannot cause any damage.

2. During installation

Always ensure the relevant section of your overall system is not live before installing the product and/or plugging it in or unplugging it. Ensure the system cannot be switched back on. Lay cables and lines in such a way that they cannot be damaged and do not represent a trip hazard. Avoid areas that pose slip, trip and fall hazards.

3. During start-up

Allow the product to acclimatise for a few hours before starting it up. Ensure that LED Light Fitting is securely and safely integrated into the system. Only start up a product that has been installed in full.

4. During operation

Ensure that only persons who have been authorised by the operator have access to the immediate operating environment of the system. During emergencies, malfunctions or other irregularities, deactivate the system and ensure that it cannot be switched back on. Prevent the possibility of persons becoming trapped in the system's hazard zone.

5. During cleaning

Close all openings with suitable protective equipment to ensure that cleaning agents cannot penetrate the system. Do not use aggressive cleaning substances. Do not use a high-pressure cleaner when cleaning the system. Wipe with a damp cloth only.

6. During maintenance and servicing work

Carry out the prescribed maintenance work at the intervals stipulated in the user guide. Ensure that no cables, connections or components are detached or removed. Ensure the system cannot be switched back on.

7. During disposal

Dispose of the product in accordance with the national and international regulations that apply in your country.

Correct use

The LED Light Fittings must only be used in accordance with the technical data and safety requirements set out in this document. Internal company requirements and the regulations that apply in the country where the product is being used must be observed. You must not make any design modifications to the LED Light Fittings yourself. We will assume no liability for any resulting damage or injury.

You may only install, operate and maintain the LED Light Fittings if:

- The LED Light Fittings have been integrated into their surroundings in a proper and safe manner, You have carefully read and understood the installation guide,
- You are appropriately qualified,
- You are authorised to do so by your company,
- You are using only original equipment from the manufacturer.
- The LED Light Fittings are suitable for connection to a 24V DC power supply only.

- They are designed for indoor use.

- The LED Light Fittings must not be opened.



Unsafe or inappropriate use of the LED Light Fittings runs a risk of serious injury through electric shock.

Improper use

Improper use is defined as any use of the product for purposes other than those authorised in the installation guide and under the definition of correct use. We will assume no liability for any resulting damage or injury.

Technical Data

- Designed for indoor use
- Power supply: 24V DC
- Diffuser and grating for glare-free lighting
- Scope of supply includes fastening set for simple installation

V_{IN} : 24 V DC (-10%/+15%)

P_{IN} : max. 15W/max. 30W

Protection class: IP40

Nominal power of lamp 15W/30W

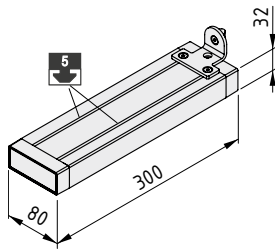
Colour temperature ~4000 K

Average service life 50,000 hrs

Energy efficiency class A

Designed for indoor use: Yes

Temperature range for use: -15 °C – +40°C



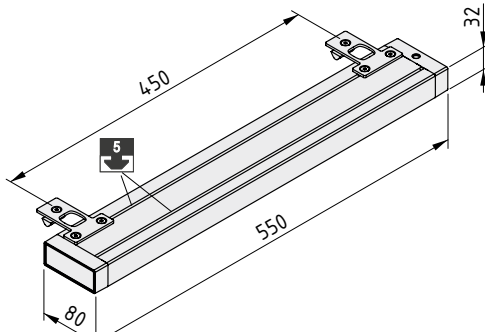
LED Light Fitting 15W 80x32x300



Aluminium casing
 ON/OFF switch, 2 levels, 50/100%
 Fastening elements
 Rated voltage: 24V DC via system socket connector
 Protection class: III
 Output: 15W LED Light Fitting
 m = 0.8 kg

1 set

0.0.659.97



LED Light Fitting 30W 80x32x550



Aluminium casing
 ON/OFF switch, 2 levels, 50/100%
 Fastening elements
 Rated voltage: 24V DC via system socket connector
 Protection class: III
 Output: 30W LED Light Fitting
 m = 1.7 kg

1 set

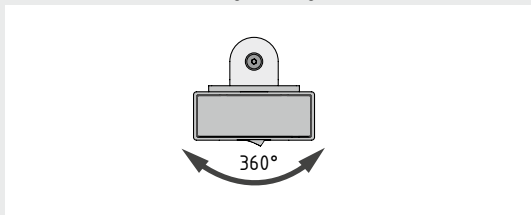
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Installation and start-up

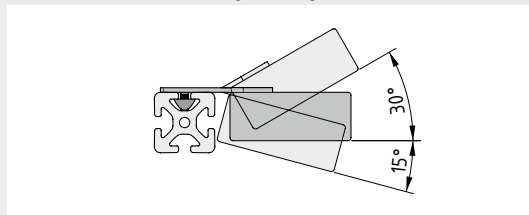
 Always unplug the LED Light Fittings from the power supply before carrying out installation, cleaning or maintenance work on them.

The LED Light Fittings can be attached to Line 8 profiles using a fastening set, two plates and fastening material. These plates can be used to fasten the Light Fitting as appropriate to the installation space available, and enable users to adjust the angle of the Light Fitting before it is fixed in place.

LED Light Fitting 15W



LED Light Fitting 30W



 Risk associated with inadequate installation:

Installation must be carried out by a trained electrician. The device must be installed only on a suitable, level surface. Check the reliability of any fastenings that have not been recommended by the manufacturer. Use suitable screws to position the Light Fittings securely. The Light Fittings may fall from their mounting if they are not installed properly.

 Damage caused by using incorrect voltage:

The product must be connected to a power supply by a trained electrician. The product must be connected to the power supply in accordance with the applicable installation instructions. Before activating the device, check whether the voltage of the power supply corresponds with the specified rated voltage. The Light Fitting could be damaged or destroyed if the voltage is incorrect.

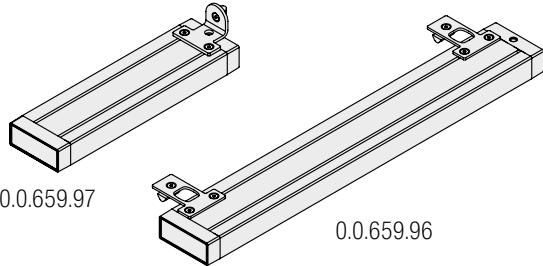
How it works

Switching the Light Fitting on and off: The Light Fitting comes with an integral switch as standard, which is used to switch the Light Fitting on and off.

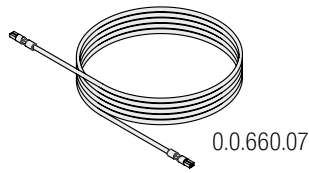
LED Machine Light Fitting and LED Light Fitting accessories

1 Select light fitting

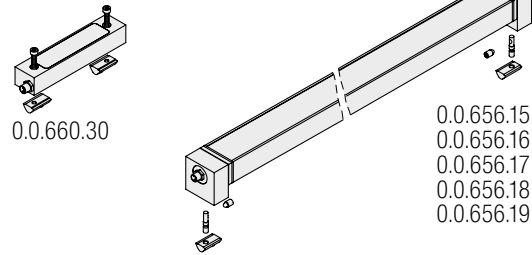
LED Light Fitting 15W / 30W



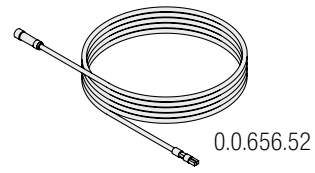
Connecting Cable, LED Light Fitting



LED Machine Light Fitting
5W / 6W / 12W / 18W / 24W / 30W

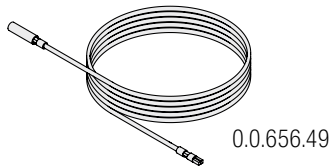


Connecting Cable, LED Machine Light Fitting



2 Select optional accessories

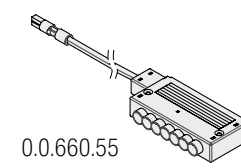
Extension Cable, LED Light Fitting



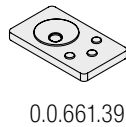
Two-way LED Splitter



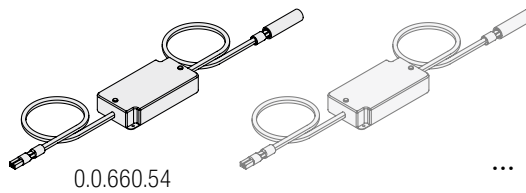
Six-way LED Splitter



Wireless LED Dimmer Remote

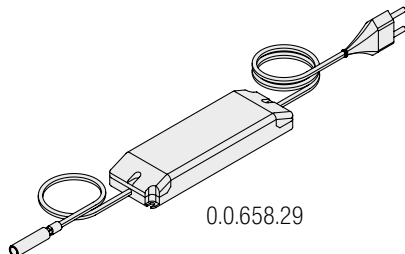


Wireless LED Dimmer Receiver

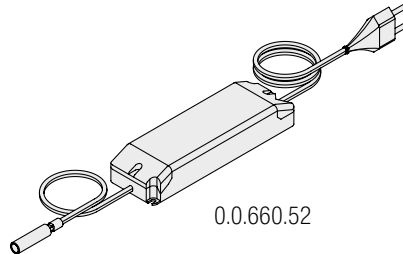


3 Select transformer

Electronic Transformer LED 30W 24V



Electronic Transformer LED 75W 24V



Select the transformer as appropriate to the connected light fittings.

Maintenance

Only specialists should carry out repairs and maintenance on electrical devices

Defective lighting element:

The Light Fitting uses a light-emitting diode (LED). LEDs have a significantly longer service life than other types of lighting element (e.g. filament lamps). As a result, lighting elements rarely need to be replaced. However, should the LED fail, the Light Fitting must be returned to the manufacturer for inspection and, if necessary, repair. Please return the entire Light Fitting to the manufacturer for this purpose.

Always disconnect the Light Fitting from its power source before conducting any maintenance or repair work. Maintenance and repair work must be carried

out by trained electricians only. Use only parts that have been approved by the manufacturer as spare parts. Inappropriate maintenance and repair work can result in serious injury or death.

Cleaning

 Risk of damage caused by incorrect cleaning:

Clean the transparent panel regularly. Use only a cloth and a standard domestic cleaning agent to clean the parts of the Light Fitting. Check that the substances you are using are suitable for use on paints and plastics. Inappropriate cleaning can destroy the device.

Disposal

The product can be recycled or re-used (if necessary after refurbishment and the replacement of parts). The use of appropriate materials and easy dismantling ensure the product can be recycled. Improper disposal of the LED Light Fittings can pollute the environment. Please dispose of the LED Light Fittings in full accordance with the laws of your country.



 Environmental hazard:

Once it has reached the end of its service life, dispose of the product using the return and collection systems that are available to you. Inappropriate disposal poses a hazard to the environment.



Transport packaging:

Card and PE film.

Dispose of the packaging using the return and collection systems that are available to you.

item Industrietechnik GmbH

item**EU-Konformitätserklärung / EC-Declaration of Conformity**

Gerätetyp / Device Typ: 24V LED Maschinenleuchte / 24V LED machine light
24V LED Arbeitsplatzleuchte / 24V LED Workplace Light

Typenbezeichnung / Classification:

Maschinenleuchte LED 5W 25x20x120	0.0.660.30
Maschinenleuchte LED 6W 40x40x240	0.0.656.15
Maschinenleuchte LED 12W 40x40x415	0.0.656.16
Maschinenleuchte LED 18W 40x40x590	0.0.656.17
Maschinenleuchte LED 24W 40x40x765	0.0.656.18
Maschinenleuchte LED 30W 40x40x940	0.0.656.19
Leuchte LED 15W 80x32x300	0.0.659.97
Leuchte LED 30W 80x32x300	0.0.659.96

Hersteller / Producer: item Industrietechnik GmbH
Friedenstraße 107-109
D-42699 Solingen
Germany

Die Produkte sind entwickelt und gefertigt in Übereinstimmung mit der EMV-Richtlinie 2014/30/EU und der Niederspannungsrichtlinie 2014/35/EU. Sie erfüllen die Vorschriften der Richtlinie 2011/65/EU des europäischen Parlaments und des Rates (RoHS II) vom 8. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten.

The products are developed and produced in accordance with the EMC directive 2014/30/EU and the low voltage directive 2014/35/EU. They are in conformity with the directive 2011/65/EU of the European parliament and the council (RoHS II) of 8 June 2011 on restriction of the use of certain hazardous substances in electrical and electronic equipment.

Folgende harmonisierte Normen sind angewandt / The following harmonized standards are applied:

DIN EN 55015	Elektromagnetische Verträglichkeit (EMV) Grenzwerte und Messverfahren für Funkstörungen von elektrischen Beleuchtungseinrichtungen und ähnlichen Elektrogeräten (CISPR 15:2013 + IS1:2013 + IS2:2013); Deutsche Fassung EN 55015:2013 Electromagnetic compatibility (EMC) Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013); German version EN 55015:2013
DIN EN 61547	Elektromagnetische Verträglichkeit (EMV) Einrichtungen für allgemeine Beleuchtungszwecke - EMV-Störfestigkeitsanforderungen (IEC 61547:2009); Deutsche Fassung EN 61547:2009; Deutsche Fassung EN 55015:2013 Electromagnetic compatibility (EMC) Equipment for general lighting purposes - EMC immunity requirements (IEC 61547:2009); German version EN 61547:2009
DIN EN 60598-1	Leuchten - Teil 1: Allgemeine Anforderungen und Prüfungen (IEC 60598-1:2014, modifiziert); Deutsche Fassung EN 60598-1:2015 Luminaires - Part 1: General requirements and tests (IEC 60598-1:2014, modified); German version EN 60598-1:2015
DIN EN 62471	Photobiologische Sicherheit von Lampen und Lampensystemen (IEC 62471:2006, modifiziert); Deutsche Fassung EN 62471:2008 Risikostufe 1: geringes Risiko Photobiological safety of lamps and lamp systems (IEC 62471:2006, modified); German version EN 62471:2008 Risk level 1: low risk

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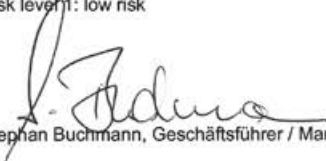
Geschäftsführer
Stephan Buchmann
Waldemar Kurtz

Geschäftsführende Gesellsch.
Gernit Pies
Wolfgang Rixen

Registergericht
Wuppertal HRB 14912

Umsatzsteuer-Ident.-Nr.
DE 120 959 471

Solingen, März 2019



Stephan Buchmann, Geschäftsführer / Managing Director

item

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You find the Notes on Use and Installation online, in the download section for this product.

item

LED Light Fitting 15W
LED Light Fitting 30W
Notes on Use and Installation

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Correct use	3
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Installation and start-up	4
LED Machine Light Fitting and LED Light Fitting accessories	5
Maintenance	6
Disposal	6
Annex	7

Symbols, safety



Important, safety information, recommendation



Important information



CE conformity marking



Device corresponds to protection class III
(operates with safety extra low voltage, SELV)



Functional earth



Observe directions for disposal



Observe directions for disposal

General safety information

The details and information in the installation guide are provided for the purposes of describing the product and its assembly only. The information does not discharge the user from the obligation to carry out his own assessments and checks. It is important to bear in mind that our products are subject to a natural process of wear and ageing. These notes contain important information that will enable you to use the product safely and appropriately. When sold, rented out or otherwise passed on to another party, this product must be handed over with the installation guide. You must therefore read and follow the safety instructions set out below.

- All work on and with LED Light Fitting must be performed with "safety first" in mind.
- Switch off the power to LED Light Fitting before carrying out any work on it.
- Ensure LED Light Fitting cannot be switched on unintentionally, e.g. by affixing warning notices at the activation point or by removing the fuse from the power supply.
- Observe the regulations pertaining to accident prevention and environmental protection that apply in the country and place of work where the product is being used.
- Use only item products that are in perfect working order.
- Failure to use original spare parts will invalidate the product warranty!
- Check the product for obvious defects.
- Use the product only within the performance range described in the technical data.
- Ensure that all the safety equipment associated with the product is present, properly installed and in full working order.
- Do not alter the position of safety equipment, circumvent it or render it ineffective.

LED Light Fitting, as described here, corresponds to the state of the art and takes into account the general principles of safety applicable at the time this installation guide was published. Nevertheless, failure to observe the safety instructions and warning notices in this installation guide may result in personal injury and damage to property. We will assume no liability for any resulting damage or injury. We reserve the right to make technical changes that represent technical advances. Keep these installation notes in a place where they can be easily accessed by all users. The general safety information applies to the entire lifecycle of LED Light Fitting.

1. During transportation

Observe the handling instructions on the packaging. Until it is installed, the product must be stored in its original packaging, protected from moisture and damage. Ensure that moving parts are secured when in transit and cannot cause any damage.

2. During installation

Always ensure the relevant section of your overall system is not live before installing the product and/or plugging it in or unplugging it. Ensure the system cannot be switched back on. Lay cables and lines in such a way that they cannot be damaged and do not represent a trip hazard. Avoid areas that pose slip, trip and fall hazards.

3. During start-up

Allow the product to acclimatise for a few hours before starting it up. Ensure that LED Light Fitting is securely and safely integrated into the system. Only start up a product that has been installed in full.

4. During operation

Ensure that only persons who have been authorised by the operator have access to the immediate operating environment of the system. During emergencies, malfunctions or other irregularities, deactivate the system and ensure that it cannot be switched back on. Prevent the possibility of persons becoming trapped in the system's hazard zone.

5. During cleaning

Close all openings with suitable protective equipment to ensure that cleaning agents cannot penetrate the system. Do not use aggressive cleaning substances. Do not use a high-pressure cleaner when cleaning the system. Wipe with a damp cloth only.

6. During maintenance and servicing work

Carry out the prescribed maintenance work at the intervals stipulated in the user guide. Ensure that no cables, connections or components are detached or removed. Ensure the system cannot be switched back on.

7. During disposal

Dispose of the product in accordance with the national and international regulations that apply in your country.


Correct use

The LED Light Fittings must only be used in accordance with the technical data and safety requirements set out in this document. Internal company requirements and the regulations that apply in the country where the product is being used must be observed. You must not make any design modifications to the LED Light Fittings yourself. We will assume no liability for any resulting damage or injury.

You may only install, operate and maintain the LED Light Fittings if:

- The LED Light Fittings have been integrated into their surroundings in a proper and safe manner, You have carefully read and understood the installation guide,
- You are appropriately qualified,
- You are authorised to do so by your company,
- You are using only original equipment from the manufacturer.
- The LED Light Fittings are suitable for connection to a 24V DC power supply only.

- They are designed for indoor use.
- The LED Light Fittings must not be opened.

 Unsafe or inappropriate use of the LED Light Fittings runs a risk of serious injury through electric shock.

Improper use

Improper use is defined as any use of the product for purposes other than those authorised in the installation guide and under the definition of correct use. We will assume no liability for any resulting damage or injury.

Technical Data

- Designed for indoor use
- Power supply: 24V DC
- Diffuser and grating for glare-free lighting
- Scope of supply includes fastening set for simple installation

V_N : 24 V DC (-10%/+15%)

P_N : max. 15W/max. 30W

Protection class: IP40

Nominal power of lamp 15W/30W

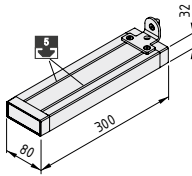
Colour temperature ~4000 K

Average service life 50,000 hrs

Energy efficiency class A

Designed for indoor use: Yes

Temperature range for use: -15 °C – +40°C

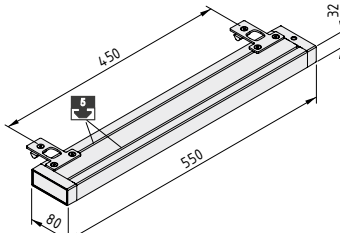


LED Light Fitting 15W 80x32x300

Aluminium casing
ON/OFF switch, 2 levels, 50/100%
Fastening elements
Rated voltage: 24V DC via system socket connector
Protection class: III
Output: 15W LED Light Fitting
m = 0.8 kg

1 set

0.0.659.97



LED Light Fitting 30W 80x32x550

Aluminium casing
ON/OFF switch, 2 levels, 50/100%
Fastening elements
Rated voltage: 24V DC via system socket connector
Protection class: III
Output: 30W LED Light Fitting
m = 1.7 kg

1 set

0.0.659.96

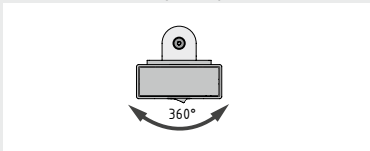


Installation and start-up

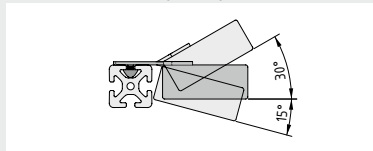
⚠ Always unplug the LED Light Fittings from the power supply before carrying out installation, cleaning or maintenance work on them.

The LED Light Fittings can be attached to Line 8 profiles using a fastening set, two plates and fastening material. These plates can be used to fasten the Light Fitting as appropriate to the installation space available, and enable users to adjust the angle of the Light Fitting before it is fixed in place.

LED Light Fitting 15W



LED Light Fitting 30W



⚠ Risk associated with inadequate installation:

Installation must be carried out by a trained electrician. The device must be installed only on a suitable, level surface. Check the reliability of any fastenings that have not been recommended by the manufacturer. Use suitable screws to position the Light Fittings securely. The Light Fittings may fall from their mounting if they are not installed properly.

⚠ Damage caused by using incorrect voltage:

The product must be connected to a power supply by a trained electrician. The product must be connected to the power supply in accordance with the applicable installation instructions. Before activating the device, check whether the voltage of the power supply corresponds with the specified rated voltage. The Light Fitting could be damaged or destroyed if the voltage is incorrect.

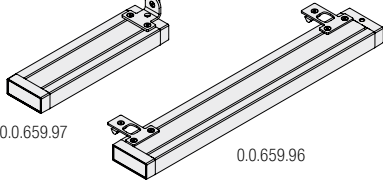
How it works

Switching the Light Fitting on and off: The Light Fitting comes with an integral switch as standard, which is used to switch the Light Fitting on and off.

LED Machine Light Fitting and LED Light Fitting accessories

1 Select light fitting

LED Light Fitting 15W / 30W



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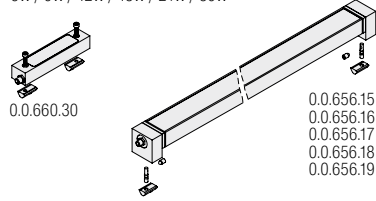
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Connecting Cable, LED Light Fitting



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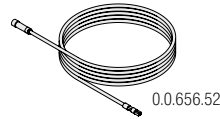
LED Machine Light Fitting
5W / 6W / 12W / 18W / 24W / 30W



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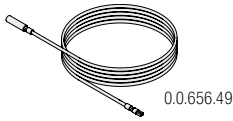
Connecting Cable, LED Machine Light Fitting



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2 Select optional accessories

Extension Cable, LED Light Fitting



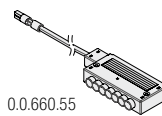
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Two-way LED Splitter



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Six-way LED Splitter



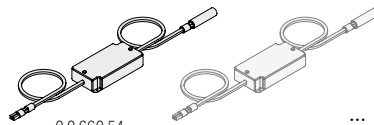
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Wireless LED Dimmer Remote



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Wireless LED Dimmer Receiver

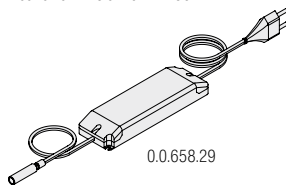


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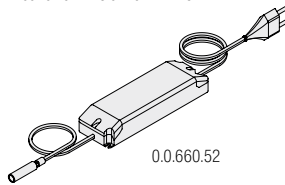
3 Select transformer

Electronic Transformer LED 30W 24V



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Electronic Transformer LED 75W 24V



0.0.660.52

Select the transformer as appropriate to the connected light fittings.

Maintenance


Only specialists should carry out repairs and maintenance on electrical devices
Defective lighting element:

The Light Fitting uses a light-emitting diode (LED). LEDs have a significantly longer service life than other types of lighting element (e.g. filament lamps). As a result, lighting elements rarely need to be replaced. However, should the LED fail, the Light Fitting must be returned to the manufacturer for inspection and, if necessary, repair. Please return the entire Light Fitting to the manufacturer for this purpose.

Always disconnect the Light Fitting from its power source before conducting any maintenance or repair work. Maintenance and repair work must be carried

out by trained electricians only. Use only parts that have been approved by the manufacturer as spare parts. Inappropriate maintenance and repair work can result in serious injury or death.

Cleaning

 Risk of damage caused by incorrect cleaning:
Clean the transparent panel regularly. Use only a cloth and a standard domestic cleaning agent to clean the parts of the Light Fitting. Check that the substances you are using are suitable for use on paints and plastics. Inappropriate cleaning can destroy the device.

Disposal

The product can be recycled or re-used (if necessary after refurbishment and the replacement of parts). The use of appropriate materials and easy dismantling ensure the product can be recycled. Improper disposal of the LED Light Fittings can pollute the environment. Please dispose of the LED Light Fittings in full accordance with the laws of your country.



Transport packaging:

Card and PE film.
Dispose of the packaging using the return and collection systems that are available to you.



 Environmental hazard:

Once it has reached the end of its service life, dispose of the product using the return and collection systems that are available to you. Inappropriate disposal poses a hazard to the environment.

item Industrietechnik GmbH

item**EU-Konformitätserklärung / EC-Declaration of Conformity**

Gerätetyp / Device Typ: 24V LED Maschinenleuchte / 24V LED machine light
24V LED Arbeitsplatzleuchte / 24V LED Workplace Light

Typenbezeichnung / Classification:

Maschinenleuchte LED 5W 25x20x120	0.0.660.30
Maschinenleuchte LED 6W 40x40x240	0.0.656.15
Maschinenleuchte LED 12W 40x40x415	0.0.656.16
Maschinenleuchte LED 18W 40x40x590	0.0.656.17
Maschinenleuchte LED 24W 40x40x765	0.0.656.18
Maschinenleuchte LED 30W 40x40x940	0.0.656.19
Leuchte LED 15W 80x32x300	0.0.659.97
Leuchte LED 30W 80x32x300	0.0.659.96

Hersteller / Producer: item Industrietechnik GmbH
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Die Produkte sind entwickelt und gefertigt in Übereinstimmung mit der EMV-Richtlinie 2014/30/EU und der Niederspannungsrichtlinie 2014/35/EU. Sie erfüllen die Vorschriften der Richtlinie 2011/65/EU des europäischen Parlaments und des Rates (RoHS II) vom 8. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten.

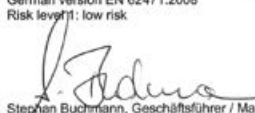
The products are developed and produced in accordance with the EMC directive 2014/30/EU and the low voltage directive 2014/35/EU. They are in conformity with the directive 2011/65/EU of the European parliament and the council (RoHS II) of 8 June 2011 on restriction of the use of certain hazardous substances in electrical and electronic equipment.

Folgende harmonisierte Normen sind angewandt / The following harmonized standards are applied:

DIN EN 55015	Elektromagnetische Verträglichkeit (EMV) Grenzwerte und Messverfahren für Funkstörungen von elektrischen Beleuchtungseinrichtungen und ähnlichen Elektrogeräten (CISPR 15:2013 + IS1:2013 + IS2:2013); Deutsche Fassung EN 55015:2013 Electromagnetic compatibility (EMC) Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013); German version EN 55015:2013
DIN EN 61547	Elektromagnetische Verträglichkeit (EMV) Einrichtungen für allgemeine Beleuchtungszwecke - EMV-Störfestigkeitsanforderungen (IEC 61547:2009); Deutsche Fassung EN 61547:2009; Deutsche Fassung EN 55015:2013 Electromagnetic compatibility (EMC) Equipment for general lighting purposes - EMC immunity requirements (IEC 61547:2009); German version EN 61547:2009
DIN EN 60598-1	Leuchten - Teil 1: Allgemeine Anforderungen und Prüfungen (IEC 60598-1:2014, modifiziert); Deutsche Fassung EN 60598-1:2015 Luminaires - Part 1: General requirements and tests (IEC 60598-1:2014, modified); German version EN 60598-1:2015
DIN EN 62471	Photobiologische Sicherheit von Lampen und Lampensystemen (IEC 62471:2006, modifiziert); Deutsche Fassung EN 62471:2008 Risikostufe 1; geringes Risiko. Photobiological safety of lamps and lamp systems (IEC 62471:2006, modified); German version EN 62471:2008 Risk level 1: low risk

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You find the Notes on Use and Installation online, in the download section for this product.