





**KS TOOLS**

*Innovation is  
our mission!*

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# LIGHTING TECHNOLOGY

## Construction LEDMAX POWER STRIPE LED battery operating lamp

### LED Cordless workshop lamp

- Ideal for very long network independent working
- 6 Watt Citizen Power LED
- Housing 180° foldable
- Housing body covered with high quality rubber
- Weatherproof protection IP64
- Shock and impact resistant
- Revolving hooks for suspending
- Magnetic
- With control LED to discharge
- Includes automatic turn off charging station
- 3 hours charging time
- 3 hours lamp duration
- Impact resistant Polycarbonate housing



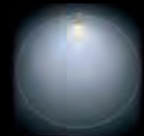
### Technical data

Capacity:	illumination time 3 hours
Light source:	6 W POWER Stripe LED
Luminosity:	420 lumen
Rechargeable battery:	3,6 V / 3600 mAh
Battery type:	Li-polymer
Capacity:	6 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz
	DC 12-24 V
Working temperature:	-5° / +45°
Weight:	0.50 kg

### Important basic concepts of light engineering

Technical data on the torch market are confusing and often not comparable.

#### lumens



#### Luminous flux in lumens (lm)

The luminous flux is the most important term to characterise the output of a lamp. It describes the actual light quantity or light energy emitted from a light source. What is actually measured? Some manufacturers specify the luminous flux of the LED or light bulb and in the process don't mention that this is significantly reduced in the reflector/lamp head (sometimes by more than 30%). Our luminous flux values are values measured with spectrometers, which the lamps emit with new batteries from the reflectors.

#### lux



#### Illuminance in lux

This value indicates how intensely a surface is illuminated. This comes from photography and light architecture. There are clear specifications as to what illuminance work places or supermarket halls have to have. The illuminance is measured with luxmeters.

#### candela



#### Light intensity in candela (ca)

The light intensity denotes - in a simplified form - the intensity of the light output. This is dependent on the luminous flux (quantity of light) and the output angle of the light. Example: 5 mm LEDs have different beam angles, e.g. 10 and 120°. Despite the same light energy the 10° diode has 12 times more light intensity as the 120° diode. The same quantity of light is distributed once to 10 and once to 120°. 10 m away a 10° diode only operates at an angle of 10°, whereas the 120° diode operates at the same light at an angle of 120°. The light intensity is the designation for the part of the luminous flux emitted in a certain direction.

### LED (Light Emitting Diode)

Light emitting diodes are microstructural solid states and completely unsusceptible to vibrations. They last 1000 times longer than conventional light bulbs, unlike halogen lamps they produce no shades, hardly produce warmth and use less electricity. LEDs contain no harmful filling gases and produce no ultraviolet rays.

### Power consumption

The power consumption of a lamp and their bright performance are two completely different things. The fact that a lamp uses a lot of energy by no means that they produce a lot of light. The largest part of the energy is still moved in warmth.

This is also applies to LEDs a high efficient 1 watt diode which can supply more light than one low quality 5 watt diode.

### Light efficiency

<b>1% Light*</b>  Flash lights light bulb 100 Hours*	<b>1% Light**</b>  Light bulb 1000 Hours*	<b>13% Light*</b>  High end LED 100,000 Hours***	<b>13% Light*</b>  High end power chip 100,000 Hours***	<b>20% Light*</b>  High end CREE chip 80,000 Hours***
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\* In this juncture, it is about calculated average values. According to type of the lamp abnormalities can occur. \*\* With 15 / 25 watt lamps. According to type of the lamp abnormalities can occur. \*\*\* After 100.000 working hours LEDs still shine with 50% of the brightness.

## Light engineering lines

**LED ball point pen**



**Emergency lamps**



**Head lamps**



**Inspection lamps**



**LED hand lamps**



**Workshop lamps**



**Flash lights**



**Work lamps**



**Cable reels**



## IP Protection class identification mark

The housing protection degree, is fixed as the standards IEC 529 or DIN EN 60 52 which contain several different protection types. The illustration below shows an overview of the protection classes which are represented as follows.

- If for the designation the 1st or 2nd place is not important, it is replaced by X.
- Perhaps 3rd place Additional touch protection / perhaps 4th place Supplementary character
- Representation in accordance to DIN VDE 0470, DIN EN 60 529, IEC 60529

## IP Protection class definition

1. ref. number	range of protection
0	no touch protection, no protection against compact foreign objects
1	protection against extensive touch with hand protection against foreign objects Ø >50 mm
2	protection against touch with fingers protection against foreign objects Ø >12 mm
3	protection against touch with tools, wire etc with Ø >2,5 mm protection against foreign objects Ø >2,5 mm
4	protection against touch with tools, wire etc with Ø >1 mm protection against foreign objects Ø >1 mm
5	protection against touch protection against dust deposit inside
6	complete protection against touch protection against entry of dust

2. ref. number	range of protection
0	no protection against water
1	protection against vertical falling raindrops
2	protection against angular falling raindrops (every angle up to 15° to vertical)
3	protection against water in every angle up to 60° to vertical
4	protection against splash water from all directions
5	protection against jet of water (blast pipe) every angle
6	protection against temporary flooding
7	protection against ingress of water during temporary immersion
8	protection against pressure water during constant immersion

## LED BALL POINT PEN

### 4 in 1 LED ball point pen

- Ball point pen
- LED lamp
- Laser pointer
- Handheld pencil
- Clip for the breast pocket
- Approx. 60 hours lamp duration
- Includes 4 x LP 41 button cell
- Impact proof housing



	L mm	D mm	
10010	150.0	13.0	110

### 2 in 1 LED ball point pen

- Ball point pen
- LED lamp
- Focus lens
- Clip for the breast pocket
- Approx. 60 hours lamp duration
- Includes 4 x LP 41 button cell
- Impact proof housing



	L mm	D mm	
10012	130.0	13.0	100

## EMERGENCY LAMPS

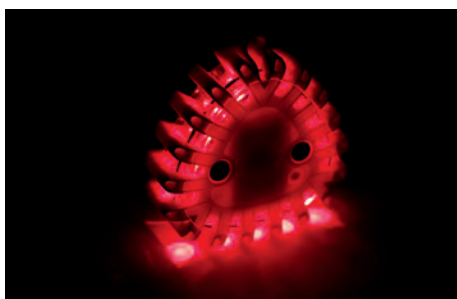
### Emergency light

- In the event of an emergency
- 9 warning functions
- Magnetic
- With suspension device
- Ingress protection according to IP54
- Includes 1 x CR 123 battery
- Impact-resistant



**Technical data:**  
 Luminosity: 13.000 mcd  
 Battery: CR 123  
 Working temperature: -10° to +40° C

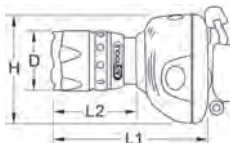
	Ø mm	H mm	
550.1360	107	35.0	200



## HEAD LAMPS

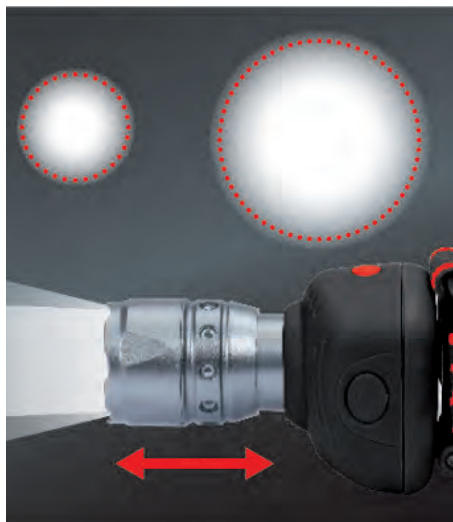
### LEDMAX CREE Power LED headlamp with focus

- 3 Watt CREE Chip Power LED
- Luminous flux 140 Lumen
- Headlight range of up to 100 meters
- Zoom from spot to flood light
- Multifunctional-button with 4 modes: On/Off / 5W / 3W / Blink
- Adjustable front and head band for comfort and to stay in place
- Lamp can be additionally tilted in 5 click stops
- Weatherproof protection IPX3
- 3 hours lamp duration
- Includes 3 x AAA 1,5V batteries



**Technical data:**  
 Headlight range: max. 100.0 m  
 Luminosity: 3 W  
 Working temperature: 0° / +40° C

	D mm	H mm	L1 mm	L2 mm	
550.1238	30.0	40.0	65.0	30.0	80



## INSPECTION LAMPS

### LEDMAX CREE-Power LED torch

- Ideal for smock and shirt pockets
- 1 Watt CREE Chip LED
- 85 Lumens luminous flux
- 25 m headlight range
- Ingress protection according to IPX3
- Clip for the breast pocket
- 5 - 10 hours lamp duration
- Includes 2 x AA 1,5 V batteries
- Ultra light and impact resistant aluminium housing



**Technical data:**  
 Headlight range: max. 25.0 m  
 Luminosity: 1 W  
 Working temperature: 0° / +40° C

	L mm	D mm	
150.4370	140.0	16.0	50

### Flexible UV inspection lamp

- LED UV lamp
- Flexible shaft
- Localizes leaks in air conditioning systems
- Clip for the breast pocket
- Approx. 60 hours lamp duration
- Includes 3 x AAAA batteries
- Impact proof housing



	L mm	D mm	Spare sub	
550.1165	450.0	7.5	550.1167	150

**Flexible inspection set**

- Halogen lamp
- Flexible shaft
- Includes flexible fibreglass attachment
- Clip for the breast pocket
- Includes single lamp bulb
- Approx. 60 hours lamp duration
- Includes 2 x LR 03 button cell + 2 x 1,5 V AAA batteries
- Impact proof housing



	L mm	B mm	H mm	Spare bulb	
550.1160	210.0	150.0	25.0	550.1161	230

**Flexible inspection lamp with extension**

- Halogen lamp
- Flexible shaft
- Includes extension
- Approx. 60 hours lamp duration
- Includes 2 x AA batteries
- Impact proof housing



	L mm	D mm	Spare bulb	
550.1185	400.0	5.0	550.1187	120

**Illuminated inspection mirror**

- LED lamp
- Flexible shaft
- Adjustable by thumb pressure to 90°
- Approx. 60 hours lamp duration
- Includes 2 x AA batteries
- Stable plastic housing



	L mm	B mm	Mirror size mm	Spare bulb	
550.1138	600.0	40.0	38 x 73	550.1139	280



**LED HAND LAMPS**

**MONSTER CREE-Power LED lamp 1000**

- Ideal for network independent working
- On/off mode
- 1 x CREE LED light
- 1,000 lumens luminous flux
- 300 m range
- Scratchproof with hard-coat anodising
- shockproof and waterproof
- splashproof in accordance with IPX8
- includes 1 x 3.7V lithium battery (BRC 18650)
- shockproof aluminium housing
- incl. belt clip
- incl. automatically switch off loading station



**Technical data:**

Light source: 1 x Cree Power LED  
 Headlight range: max. 300,0 m  
 Luminosity: 1000 lumen  
 Rechargeable battery: 3,7 V / 3000 mAh  
 Battery type: Lithium-ion  
 Capacity: 10 Watt  
 Charging voltage: AC 100-240 V ~ 50 / 60 Hz  
 DC 12-24 V  
 Working temperature: 0° / +40° C

	L mm	D mm	Replacement battery	
150.4360	145.0	45.0	150.4361	115

**MONSTER CREE-Power LED lamp 5000**

- Ideal for network independent working
- 5 lighting modes 3 levels of brightness, SOS and stroboscope
- 5 x CREE LED lights
- 5,000 lumens luminous flux
- 300 m range
- digitally controlled for consistent brightness
- Aluminium reflector
- Clear glass lens
- Scratchproof with hard-coat anodising
- shockproof and waterproof
- splashproof in accordance with IPX8
- includes 3 x 3.7V lithium battery (26650)
- shockproof aluminium housing
- incl. belt clip
- incl. automatically switch off loading station



**Technical data:**

Light source: 5 x Cree Power LEDs  
 Headlight range: max. 300,0 m  
 Luminosity: 1000 lumen  
 Rechargeable battery: 3,7 V / 4000 mAh  
 Battery type: Lithium-ion  
 Capacity: 24 Watt  
 Charging voltage: AC 100-240 V ~ 50 / 60 Hz  
 DC 12-24 V  
 Working temperature: 0° / +40° C

	L mm	D mm	Replacement battery	
150.4365	310.0	62.0	150.4362	365

**MONSTER CREE-Power LED lamp 8000**

- Ideal for network independent working
- 5 lighting modes 3 levels of brightness, SOS and stroboscope
- 7 x CREE LED lights
- 8,000 lumens luminous flux
- 300 m range
- digitally controlled for consistent brightness
- Aluminium reflector
- Clear glass lens
- Scratchproof with hard-coat anodising
- shockproof and waterproof
- splashproof in accordance with IPX8
- includes 3 x 3.7V lithium battery (26650)
- shockproof aluminium housing
- incl. belt clip
- incl. automatically switch off loading station



**Technical data:**

Light source: 7 x Cree Power LEDs  
 Headlight range: max. 300,0 m  
 Luminosity: 1000 lumen  
 Rechargeable battery: 3,7 V / 4000 mAh  
 Battery type: Lithium-ion  
 Capacity: 35 Watt  
 Charging voltage: AC 100-240 V ~ 50 / 60 Hz  
 DC 12-24 V  
 Working temperature: 0° / +40° C

	L mm	D mm	Replacement battery	
150.4366	320.0	63.0	150.4362	535

**MONSTER CREE-Power LED lamp 10000**

- Ideal for network independent working
- 5 lighting modes 3 levels of brightness, SOS and stroboscope
- 9 x CREE LED lights
- 10,000 lumens luminous flux
- 300 m range
- digitally controlled for consistent brightness
- Aluminium reflector
- Clear glass lens
- Scratchproof with hard-coat anodising
- shockproof and waterproof
- splashproof in accordance with IPX8
- includes 3 x 3.7V lithium battery (26650)
- shockproof aluminium housing
- incl. belt clip
- incl. automatically switch off loading station



**Technical data:**

Light source: 9 x Cree Power LEDs  
 Headlight range: max. 300,0 m  
 Luminosity: 1000 lumen  
 Rechargeable battery: 3,7 V / 4000 mAh  
 Battery type: Lithium-ion  
 Capacity: 32 Watt  
 Charging voltage: AC 100-240 V ~ 50 / 60 Hz  
 DC 12-24 V  
 Working temperature: 0° / +40° C

	L mm	D mm	Replacement battery	
150.4367	325.0	78.0	150.4362	665

### MONSTER CREE-Power LED lamp 13000

- Ideal for network independent working
- 5 lighting modes 3 levels of brightness, SOS and stroboscope
- 12 x CREE LED lights
- 13.000 lumens luminous flux
- 300 m range
- digitally controlled for consistent brightness
- Aluminium reflector
- Clear glass lens
- Scratchproof with hard-coat anodising
- shockproof and waterproof
- splashproof in accordance with IPX8
- includes 3 x 3.7V lithium battery (26650)
- shockproof aluminium housing
- incl. belt clip
- incl. automatically switch off loading station



#### Technical data:

Light source:	12 x Cree Power LEDs
Headlight range:	max. 300,0 m
Luminosity:	1000 lumen
Rechargeable battery:	3,7 V / 4000 mAh
Battery type:	Lithium-ion
Capacity:	36 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz DC 12-24 V
Working temperature:	0° / +40°C

	L mm	D mm	Replacement battery	
150.4368	415.0	89.0	150.4362	1000

### WORKSHOP LAMPS

#### LEDMAX LED Cordless work lamp

- Ideal for very long network independent working
- 30 Power Chip LEDs
- Housing body covered with high quality rubber
- Weatherproof protection IP54
- Shock and impact resistant
- Revolving hooks for suspending
- Magnetic
- With control LED to discharge
- Includes automatic turn off charging station
- 4-5 hours charging time
- 9 hours lamp duration
- Impact resistant Polycarbonate housing



#### Technical data:

Capacity:	illumination time 9 hours
Light source:	30 + 1 W LED
Luminosity:	800 Lux
Rechargeable battery:	3,7 V / 3500 mAh
Battery type:	Lithium-ion
Capacity:	1,2 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz DC 12-28 V
Working temperature:	-5° / +45°

	L mm	D mm	
150.4240	280.0	50.0	590

#### LEDMAX SMD-Cordless work lamp

- Ideal for very long network independent working
- 30 SMDs
- Housing body covered with high quality rubber
- Weatherproof protection IP54
- Shock and impact resistant
- Revolving hooks for suspending
- Magnetic
- With control LED to discharge
- Includes automatic turn off charging station
- 4-5 hours charging time
- 9 hours lamp duration
- Impact resistant Polycarbonate housing



#### Technical data:

Capacity:	illumination time 9 hours
Light source:	30 SMDs
Luminosity:	95 lumen
Rechargeable battery:	3,7 V / 3500 mAh
Battery type:	Lithium-ion
Capacity:	1,2 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz DC 12-28 V
Working temperature:	-5° / +45°

	L mm	D mm	
150.4330	280.0	50.0	590

#### LEDMAX SUPER BRIGHT LED-Cordless work lamp

- Ideal for very long network independent working
- 3 + 1 W SUPER BRIGHT LED's
- Housing body covered with high quality rubber
- Weatherproof protection IP54
- Shock and impact resistant
- Revolving hooks for suspending
- Magnetic
- With control LED to discharge
- Includes automatic turn off charging station
- 4-5 hours charging time
- 4-5 hours lamp duration
- Impact resistant Polycarbonate housing



#### Technical data:

Capacity:	illumination time 4-5 hours
Light source:	3 + 1 W SUPER BRIGHT LED's
Luminosity:	2500 Lux
Rechargeable battery:	3,7 V / 3500 mAh
Battery type:	Lithium-ion
Capacity:	2,5 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz DC 12-24 V
Working temperature:	-5° / +45°

	L mm	D mm	
150.4340	280.0	50.0	645

#### LEDMAX STRIPE LED-Cordless work lamp

- Ideal for very long network independent working
- 2.5 W Stripe LED
- Housing body covered with high quality rubber
- Weatherproof protection IP54
- Shock and impact resistant
- Revolving hooks for suspending
- Magnetic
- With control LED to discharge
- Includes automatic turn off charging station
- 4-5 hours charging time
- 4-5 hours lamp duration
- Impact resistant Polycarbonate housing



#### Technical data:

Capacity:	illumination time 4-5 hours
Light source:	2.5 W Stripe LED
Luminosity:	180 lumen
Rechargeable battery:	3,7 V / 3500 mAh
Battery type:	Lithium-ion
Capacity:	2,5 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz DC 12-24 V
Working temperature:	-5° / +45°

	L mm	D mm	
150.4350	280.0	50.0	645

#### LEDMAX POWER STRIPE LED Cordless working lamp, foldable

- Ideal for very long network independent working
- 6 Watt Citizen Power LED
- Housing 180° foldable
- Housing body covered with high quality rubber
- Weatherproof protection IP64
- Shock and impact resistant
- Revolving hooks for suspending
- Magnetic
- With control LED to discharge
- Includes automatic turn off charging station
- 3 hours charging time
- 3 hours lamp duration
- Impact resistant Polycarbonate housing



#### Technical data:

Capacity:	illumination time 3 hours
Light source:	6 W POWER Stripe LED
Luminosity:	420 lumen
Rechargeable battery:	3,6 V / 3600 mAh
Battery type:	Li-polymer
Capacity:	6 Watt
Charging voltage:	AC 100-240 V ~ 50 / 60 Hz DC 12-24 V
Working temperature:	-5° / +45°

	L mm	D mm	
150.4310	290.0	56.0	500



**FLASHLIGHTS**

**Basic workshop inspection hand lamp 8 watts**

- Protection pipe out of polycarbonate
- Impact resistant impact strength IK09
- High quality rubber hand grip casing
- 360° revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP44
- Integrated connector
- Includes lamp



**Technical data:**  
 Luminosity: 8 W  
 Lamp length: 500.0 mm  
 Connection cable length: 5 m  
 Cable: H05RN-F 2x1,0 mm<sup>2</sup>  
 Operational voltage: AC 220-240 V  
 Protection class: II  
 Weatherproof protection: IP44

	L mm	Ø mm	kg
550.1371	500.0	30,0	580



**Pro workshop inspection hand lamp 8 watts**

- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- Revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP44
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp



**Technical data:**  
 Luminosity: 8 W  
 Lamp length: 500.0 mm  
 Connection cable length: 5 m  
 Cable: H05RN-F 2x1,0 mm<sup>2</sup>  
 Operational voltage: AC 220-240 V  
 Protection class: II  
 Weatherproof protection: IP44

	L mm	Ø mm	kg
550.1376	500.0	30,0	600

**Pro XL workshop inspection hand lamp 11 watts**

- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- Revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP54
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp



**Technical data:**  
 Luminosity: 11 W  
 Lamp length: 630.0 mm  
 Connection cable length: 5 m  
 Cable: H05RN-F 2x1,0 mm<sup>2</sup>  
 Operational voltage: AC 220-240 V  
 Protection class: II  
 Weatherproof protection: IP54

	L mm	Ø mm	kg
550.1381	630.0	35,0	620

**Pro XXL workshop inspection hand lamp 13 watts**

- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- Revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP54
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp



**Technical data:**  
 Luminosity: 13 W  
 Lamp length: 720.0 mm  
 Connection cable length: 5 m  
 Cable: H05RN-F 2x1,0 mm<sup>2</sup>  
 Operational voltage: AC 220-240 V  
 Protection class: II  
 Weatherproof protection: IP54

	L mm	Ø mm	kg
550.1386	720.0	35,0	640



**Professional XXL workshop inspection hand lamp with expander holder**

- Optimum lighting
- Self-clamping and securable
- Span length = 1,335 - 1,800 mm
- Expanding bracket with large, adjustable and rubber coated hooks
- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- Revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP54
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp



**Technical data:**  
 Luminosity: 30 W  
 Adjustabel length: 1.335-1.800 mm  
 Connection cable length: 5 m  
 Cable: H05RN-F 2x1,0 mm<sup>2</sup>  
 Operational voltage: AC 220-240V  
 Protection class: II  
 Weatherproof protection: IP64

	L mm	Ø mm	kg
150.4305	1335-1800	74,0	2.60

**ACCESSORIES FOR FLASH LIGHTS**

**Magnet holder for workshop lamps**

- Universal mouting clip for workshop lamps
- Extra large pivoting range
- Magnet completely rubberised
- Stop peg out of spring steel



	max Ø pipe mm	Ø magnetic base mm	kg
150.4219	43,0	31,0	120

**Workshop cable reel**

- Practical and space-saving
- Extra strong, automatic return mechanism
- With endstopper
- 180° freely revolving
- Cable working length 20 m
- Connection cable 1.5 m
- Metal wall reinforcement rail 270 mm



**Technical data:**  
 Work cable length m: 20 m  
 Connection cable length: 1,5 m  
 Operational voltage: 230 V

		kg
150.4320	Workshop cable reel	6.60

## FLASH LIGHTS WITH CABLE REELS

### Cable reel with Basic workshop inspection hand lamp 8 watts

- Protection pipe out of polycarbonate
- Impact resistant impact strength IK09
- High quality rubber hand grip casing
- 360° revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP44
- Integrated connector
- Includes lamp
- Includes workshop cable reel



#### Technical data:

Luminosity:	8 W
Lamp length:	500.0 mm
Connection cable length:	5 m
Work cable length m:	20 m
Cable:	H05RN-F 2x1,0 mm <sup>2</sup>
Operational voltage:	AC 220-240 V
Protection class:	II
Weatherproof protection:	IP44

	L mm	Ø mm	kg
550.1370	500.0	30,0	8.08

### Cable reel with pro workshop inspection hand lamp 8 watts

- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- 360° revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP44
- With integrated connector
- Includes lamp
- Includes cable reel 20 m



#### Technical data:

Luminosity:	8 W
Lamp length:	500.0 mm
Connection cable length:	5 m
Work cable length m:	20 m
Cable:	H05RN-F 2x1,0 mm <sup>2</sup>
Operational voltage:	AC 220-240 V
Protection class:	II
Weatherproof protection:	IP44

	L mm	Ø mm	kg
550.1375	500.0	30,0	8.10

### Cable reel with pro XL workshop inspection hand lamp 11 watts

- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- 360° revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP54
- With integrated connector
- Includes lamp
- Includes cable reel 20 m



#### Technical data:

Luminosity:	11 W
Lamp length:	630.0 mm
Connection cable length:	5 m
Work cable length m:	20 m
Cable:	H05RN-F 2x1,0 mm <sup>2</sup>
Operational voltage:	AC 220-240 V
Protection class:	II
Weatherproof protection:	IP44

	L mm	Ø mm	kg
550.1380	630.0	35,0	8.12

### Cable reel with pro XXL workshop inspection hand lamp 13 watts

- Industrial quality
- Double insulation
- Protection pipe out of polycarbonate
- Impact resistant - impact strength IK09
- High quality rubber hand grip casing
- 360° revolving hooks for suspending
- With contour connector according to CEE 7/17
- Ingress protection according to IP54
- With integrated connector
- Includes lamp
- Includes cable reel 20 m



#### Technical data:

Luminosity:	13 W
Lamp length:	720.0 mm
Connection cable length:	5 m
Work cable length m:	20 m
Cable:	H05RN-F 2x1,0 mm <sup>2</sup>
Operational voltage:	AC 220-240 V
Protection class:	II
Weatherproof protection:	IP44

	L mm	Ø mm	kg
550.1385	720.0	35,0	8.14

## WORK LAMPS

### Pro workshop inspection hand lamp 36 watt

- Industrial quality
- 2.900 lumens luminous flux
- Polycarbonate protection glass
- Housing cover also rubber
- Impact resistant impact strength IK10
- Hooks for double sided applications and with contour connector according to CEE 7/17
- Ingress protection according to IP54
- Integrated connector
- Lamp extension tube interchangeable
- Includes lamp
- Blow mould plastic housing



#### Technical data:

Luminosity:	36 W
Connection cable length:	5 m
Operational voltage:	230 V
Accessory outlet:	-
Protection class:	II
Weatherproof protection:	IP54

	H mm	B mm	T mm	Spare tube	kg
150.4255	230.0	340.0	110.0	150.4256	2.36

### Pro workshop inspection hand lamp 72 watt

- Industrial quality
- 5.800 lumens luminous flux
- With 2 x 230 V isolated outlet on the back
- Polycarbonate protection glass
- Housing cover also rubber
- Impact resistant impact strength IK10
- Hooks for double sided applications and pedestal with contour connector according to CEE 7/17
- Ingress protection according to IP44
- Integrated connector
- Lamp extension tube interchangeable
- Includes lamp
- Blow mould plastic housing



#### Technical data:

Luminosity:	72 W
Connection cable length:	5 m
Operational voltage:	230 V
Accessory outlet:	2 x 230 V Schuko
Protection class:	II
Weatherproof protection:	IP44

	H mm	B mm	T mm	Spare tube	kg
150.4260	285.0	495.0	110.0	150.4261	5.02

**Pro workshop inspection hand lamp 108 watt**

- Industrial quality
- 8.700 lumens luminous flux
- With 1 x 230 V isolated outlet on the back
- Polycarbonate protection glass
- Housing cover also rubber
- Impact resistant impact strength IK10
- Hooks for double sided applications and pedestal with contour connector according to CEE 7/17
- Ingress protection according to IP44
- Integrated connector
- Lamp extension tube interchangeable
- Includes lamp
- Blow mould plastic housing



**Technical data:**

Luminosity:	108 W
Connection cable length:	5 m
Operational voltage:	230 V
Accessory outlet:	1 x 230 V Schuko
Protection class:	II
Weatherproof protection:	IP44

	H mm	B mm	T mm	Spare bulb	kg
150.4265	290.0	500.0	110.0	150.4261	5.82

**Pro Bridgelux LED inspection hand lamp 100 watts**

- Industrial quality
- 1x Bridgelux LED lamp
- 6500 Kelvin
- Extremely impact resistant
- With contour connector according to CEE 7/17
- Waterproof according to IP65
- With integrated connector
- Corresponding to 1000W halogen
- Floodlight with modern LED technology
- With mounting bracket
- Safety glass, transparent
- 100% luminosity without power-on delay
- Mercury-free
- Energy efficiency class: A
- Includes lamp



**Technical data:**

Luminosity:	100 W
Connection cable length:	1,5 m
Cable:	H05RN-F 3x0,75 mm <sup>2</sup>
Operational voltage:	AC 100-240 V
Protection class:	II
Weatherproof protection:	IP65

	H mm	B mm	T mm	kg
150.4390	367.0	285.0	101.0	5.60

**Pro Bridgelux LED inspection hand lamp 150 watts**

- Industrial quality
- 3x Bridgelux LED lamps
- 6500 Kelvin
- Extremely impact resistant
- With contour connector according to CEE 7/17
- Waterproof according to IP65
- With integrated connector
- Corresponding to 1,500W halogen
- Floodlight with modern LED technology
- With mounting bracket
- Safety glass, transparent
- 100% luminosity without power-on delay
- Mercury-free
- Energy efficiency class: A
- Includes lamp



**Technical data:**

Luminosity:	50 W
Connection cable length:	1,5 m
Cable:	H05RN-F 3x0,75 mm <sup>2</sup>
Operational voltage:	AC 100-240 V
Protection class:	II
Weatherproof protection:	IP65

	H mm	B mm	T mm	kg
150.4385	238.0	288.0	150.0	3.10

**Technical data:**

Luminosity:	150 W
Connection cable length:	1,5 m
Cable:	H05RN-F 3x0,75 mm <sup>2</sup>
Operational voltage:	AC 100-240 V
Protection class:	II
Weatherproof protection:	IP65

	H mm	B mm	T mm	kg
150.4395	327.0	427.0	185.0	10.00

**WORK LAMPS WITH TRIPODS**

**Pro-workshop-inspection hand lamp 36 watt**

- Industrial quality
- 2.900 lumens luminous flux
- Polycarbonate protection glass
- Housing cover also rubber
- Impact resistant - impact strength IK10
- With contour connector according to CEE 7/17
- Ingress protection according to IP54
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp
- Blow mould plastic housing
- Fully adjustable through 2 wing screws
- Work height 1.0 to 2.7 m
- With cable holder device
- Galvanised steel pipe
- 3 castor wheels with special rubber tyre



**Technical data:**

Luminosity:	36 W
Connection cable length:	5 m
Operational voltage:	230 V
Accessory outlet:	-
Protection class:	II
Weatherproof protection:	IP54

	H mm	B mm	T mm	Spare bulb	kg
150.4257	230.0	340.0	110.0	150.4256	9.28

**consists of:**

		kg
150.4255	Pro workshop inspection hand lamp 36 watt	2.36
150.4267	Extending tripod for work lamps	5.92
150.4268	Castor wheel sets for 150.4267	1.00

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### Professional cold light work lamp 72 watt

- Industrial quality
- 5.800 lumens luminous flux
- With 2 x 230 V isolated outlet on the back
- Polycarbonate protection glass
- Housing cover also rubber
- Impact resistant - impact strength IK10
- With contour connector according to CEE 7/17
- Ingress protection according to IP44
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp
- Blow mould plastic housing
- Fully adjustable through 2 wing screws
- Work height 1.0 to 2.7 m
- With cable holder device
- Galvanised steel pipe
- 3 castor wheels with special rubber tyre



### Professional cold light work lamp 108 watt with tripod

- Industrial quality
- 8.700 lumens luminous flux
- With 1 x 230 V isolated outlet on the back
- Polycarbonate protection glass
- Housing cover also rubber
- Impact resistant - impact strength IK10
- With contour connector according to CEE 7/17
- Ingress protection according to IP44
- With integrated connector
- Lamp extension tube interchangeable
- Includes lamp
- Blow mould plastic housing
- Fully adjustable through 2 wing screws
- Work height 1.0 to 2.7 m
- With cable holder device
- Galvanised steel pipe
- 3 castor wheels with special rubber tyre



### Professional Bridgelux LED work lamp 50Watt with tripod

- Industrial quality
- 1x Bridgelux LED lamp
- 6500 Kelvin
- Extremely impact resistant
- With contour connector according to CEE 7/17
- Waterproof according to IP65
- With integrated connector
- Corresponding to 500W halogen
- Floodlight with modern LED technology
- With mounting bracket
- Safety glass, transparent
- 100% luminosity without power-on delay
- Mercury-free
- Energy efficiency class: A
- Includes lamp
- Fully adjustable through 2 wing screws
- Work height 1.0 to 2.7 m
- With cable holder device
- Galvanised steel pipe
- 3 castor wheels with special rubber tyre

#### Technical data:

Luminosity:	72 W
Connection cable length:	5 m
Operational voltage:	230 V
Accessory outlet:	2 x 230 V Schuko
Protection class:	II
Weatherproof protection:	IP44

	H mm	B mm	T mm	Spine tube	kg
150.4263	285.0	495.0	110.0	150.4261	11.94

#### consists of:

		kg
150.4260	Pro workshop inspection hand lamp 72 watt	5.02
150.4267	Extending tripod for work lamps	5.92
150.4268	Castor wheel sets for 150.4267	1.00



#### Technical data:

Luminosity:	108 W
Connection cable length:	5 m
Operational voltage:	230 V
Accessory outlet:	1 x 230 V Schuko
Protection class:	II
Weatherproof protection:	IP44

	H mm	B mm	T mm	Spine tube	kg
150.4271	290.0	500.0	110.0	150.4261	12.74

#### consists of:

		kg
150.4265	Pro workshop inspection hand lamp 108 watt	5.82
150.4267	Extending tripod for work lamps	5.92
150.4268	Castor wheel sets for 150.4267	1.00

#### Technical data:

Luminosity:	50 W
Connection cable length:	1,5 m
Operational voltage:	AC 100 - 240V / DC24V
Protection class:	II
Weatherproof protection:	IP65

	H mm	B mm	T mm	kg
150.4386	238.0	288.0	150.0	9.93

#### consists of:

		kg
150.4385	Pro Bridgelux LED inspection hand lamp 50 watts	3.10
150.4267	Extending tripod for work lamps	5.92
150.4268	Castor wheel sets for 150.4267	1.00

**Professional Bridgelux LED-work lamp 100Watt with tripod**

- Industrial quality
- 1x Bridgelux LED lamp
- 6500 Kelvin
- Extremely impact resistant
- With contour connector according to CEE 7/17
- Waterproof according to IP65
- With integrated connector
- Corresponding to 1000W halogen
- Floodlight with modern LED technology
- With mounting bracket
- Safety glass, transparent
- 100% luminosity without power-on delay
- Mercury-free
- Energy efficiency class: A
- Includes lamp
- Fully adjustable through 2 wing screws
- Work height 1.0 to 2.7 m
- With cable holder device
- Galvanised steel pipe
- 3 castor wheels with special rubber tyre



**Technical data:**  
 Luminosity: 100 W  
 Connection cable length: 1,5 m  
 Operational voltage: AC 100 - 240V / DC24V  
 Protection class: II  
 Weatherproof protection: IP65

	H mm	B mm	T mm	kg
150.4391	367.0	285.0	101.0	12.52

**consists of:**

	kg
150.4390 Pro Bridgelux LED inspection hand lamp 100 watts	5.60
150.4267 Extending tripod for work lamps	5.92
150.4268 Castor wheel sets for 150.4267	1.00



**Professional Bridgelux LED-work lamp 150Watt with tripod**

- Industrial quality
- 3x Bridgelux LED lamps
- 6500 Kelvin
- Extremely impact resistant
- With contour connector according to CEE 7/17
- Waterproof according to IP65
- With integrated connector
- Corresponding to 1500W halogen
- Floodlight with modern LED technology
- With mounting bracket
- Safety glass, transparent
- 100% luminosity without power-on delay
- Mercury-free
- Energy efficiency class: A
- Includes lamp
- Fully adjustable through 2 wing screws
- Work height 1.0 to 2.7 m
- With cable holder device
- Galvanised steel pipe
- 3 castor wheels with special rubber tyre



**Technical data:**  
 Luminosity: 150 W  
 Connection cable length: 1,5 m  
 Operational voltage: AC 100 - 240V / DC24V  
 Protection class: II  
 Weatherproof protection: IP65

	H mm	B mm	T mm	kg
150.4396	327.0	427.0	185.0	16.92

**consists of:**

	kg
150.4395 Pro Bridgelux LED inspection hand lamp 150 watts	10.00
150.4267 Extending tripod for work lamps	5.92
150.4268 Castor wheel sets for 150.4267	1.00

**ACCESSORIES FOR WORK LAMPS**

**Scaffolding clamp for work lamps**

- Universal scaffolding clamp for cold light work lamps
- For all current scaffoldings and pipes up to 50 mm
- Heavy and robust execution
- Galvanised steel



	max Ø pipe mm	kg
150.4269	50,0	1.06

**Extending tripod for work lamps**

- Universal tripod for work lamps
- Expandable through optional extensions
- Optimal illuminating guaranteed
- Secure stand
- Extremely compact transportation size
- On fold away tripod foot part
- Fully adjustable through 2 wing screws
- Work height 1,0 to 2,7 m
- With cable holder device
- Galvanised steel pipe



	H mm	Castor wheel set	kg
150.4267	1000 - 2700	150.4268	5.92

**Castor wheel sets for 150.4267**

- 3 castor wheels with special rubber tyre
- Includes reinforcement screw
- With backing plate on every castor



	kg
150.4268 3 pcs Castor wheel sets for 150.4267	1.00