88001 — Slim LED cordless work lamp with USB charging function

IP 54

ATORN®

Professional inspection light 600R SLIM

Design
- Switch:
  1. Auxiliary light
  2. Main light 100%
  3. Main light 50 %
  4. off
- Rugged and splash-proof plastic housing with rubberised grip area
- Lamp head with slim aluminium housing

Fastening options:
- Ball joint (+/- 45° tilt, 360° rotation) with strong retaining magnet on the bottom
- Hook (can be folded out by 210°, can be rotated using the ball joint)
- Li-ion battery pack, 3.7 V/2,600 mAh
- Battery status indicator
- Residual capacity display:
- Can be charged via 5-V micro USB socket

Scope of delivery
- 1x light
- 1x micro USB charging cable 1.5 m
- 1x USB AC charging power supply
(Can optionally be charged via a car adapter – not included in the scope of delivery)

NEW

88001

Main lamp lm (lumens) *	Additional lamps lm (lumens) *	Main lamp eff. light duration approx. hrs.	Additional lamps eff. light duration approx. hrs.	Charging duration approx. hrs.	Light degree of protection	Shock resistance (EN62262)	Dimensions mm	Weight g	88001	...
600 / 225	120	2	10	4,0	IP54	IK07	384 x 45 x 41	250		201

* LED technology lumens at 0.5 m distance

88002 — LED rechargeable workshop lamp with USB charging function

IP 54

ATORN®

Design
- Switch:
  1. Auxiliary light
  2. Main light 100%
  3. Main light 50 %
  4. off
- Rugged and splash-proof plastic housing with rubberised grip area
- Lamp handle can be rotated 180° and locked in eight positions
- 2x fold-out hooks that can be rotated by 360°
- 2x holding magnets on the rear
- 1x magnet on the underside
- Li-ion battery pack, 3.7 V/2,600 mAh
- Battery status indicator
- Residual capacity display:
- Can be charged via 5-V micro USB socket

- Delivery incl. 1.5 m micro USB charging cable and USB AC charging power supply

88002

Main light lm (lumens) *	Auxiliary light lm (lumens) *	Main light eff. light duration approx. hrs.	Auxiliary light eff. Light duration approx. hrs.	Charging duration approx. hrs.	Lamp degree of protection	Impact resistance (EN62262)	Dimensions mm	Weight g	88002	...
440 / 280	180	6	9	4,0	IP54	IK07	266 x 48 x 32	340		301

* LED technology lumens at 0.5 m distance

88003 — LED rechargeable folding lamp with USB charging function

IP 54

ATORN®

Design
- Switch:
  1. Main light 100%
  2. Main light 50 %
  3. off
- Rugged and splash-proof plastic housing with rubberised grip area
- Flexible joint can be rotated through 340° and locked in 12 positions
- Pull-out hook that can be rotated 360°
- Belt clip on the underside
- Holding magnet on the underside
- Li-ion battery pack, 3.7 V/1,550 mAh
- Battery status indicator
- Can be charged via 5-V micro USB socket

- Delivery incl. 1.5 m micro USB charging cable and USB AC charging power supply

88003

Main light lm (lumens) *	Main light eff. light duration approx. hrs.	Charging duration approx. hrs.	Lamp degree of protection	Impact resistance (EN62262)	Dimensions mm	Weight g	88003	...
220 / 105	10	4.5	IP54	IK07	131 x 66 x 28	183		201

* LED technology lumens at 0.5 m distance

Factory equipment

88004	**COB LED rechargeable work lamps**

‹SCANGRIP®
INNOVATION FROM DENMARK

Design
- Slim design
- The COB LED light band ensures uniquely powerful and completely uniform illumination, ideal for work lighting

88004 101
MINIFORM
Design
- Ultra-slim pocket work lamp
- Comfortable and ergonomic handle
- Two-stage switch
- Flexible light head can be swivelled up to 180°
- Strong, built-in magnet
- Robust hook for mounting to work belt

88004 102
UNIFORM
Design
- Extremely robust work light
- Waterproof (IP65) for operation in the damp and dirty environment of a workshop
- Intelligent charge level indicator
- Two-stage switch
- Flexible light head can be swivelled up to 180°
- Strong, built-in magnet
- Robust hook for mounting to work belt
- Sleek charging station
- Simple wall mounting

88004 103
UV-FORM
Design
- The most powerful UV lamp on the market
- UV-FORM is a rechargeable LED work light with powerful 1.5-W UV light on top
- Flexible light head can be swivelled up to 180°
- Strong, built-in magnet
- Robust hook for mounting to work belt
- It is a combination of indispensable universal work light and UV detection, eliminating the need for specific UV detection lamps
- UV light is used for leak detection in air conditioning systems with the help of trace elements
- It is also suitable for detecting leaks in larger, complex refrigeration/freezing systems, process cooling systems, heat pumps, etc.

88004 104
SLIM
Design
- The only 3-in-1 compact lamp on the market
- 3-in-1: Inspection light, work light and pocket torch in one lamp
- Ultra-slim and compact design
- Powerful, built-in magnet and hook for flexible positioning

Super-slim light for inspection tasks:
The ultra-thin, compact design of only 9 mm in diameter allows inspection of the narrowest, most difficult-to-access spaces.
This makes the SLIM lamp ideally suited for the most demanding and complex inspection tasks.

Pocket-sized work light:
The SLIM lamp is equipped with a 100% folding light head. Fully folded, the lamp works like a traditional hand-held work lamp.
When folded, the SLIM is merely pocket size - compact and convenient to carry anywhere.

Spotlight function:
The powerful, 100-lumen spotlight allows the SLIM light to also function as a pocket torch.
Its unique, never-before-seen functionality means that the lamp also functions as a torch when folded, offering a powerful spotlight as well as a practical, firm hold.

Type	MINIFORM	UNIFORM	UV-FORM	SLIM
Art. no.	**88004 101**	**88004 102**	**88004 103**	**88004 104**
	COB-LED	COB-LED / Spot: High-power LED	COB LED/high-power UV spotlight	COB LED/Spot: High-power LED
Lux (stage 1/stage 2)	100/200 lux@0.5 m	475/950 lux@0.5 m	200/400 lux@0.5 m	400/800 lux@0.5 m
Lux (spot)	800 lux@0.5 m	0.5 m 6000 lux@	-	4800 lux@0.5 m
Lumens (stage 1/stage 2)	100/200 lumens	250/500 lumens	125/250 lumens	250/500 lumens
Lumens (spot)	75 lumens	175 lumens	-	100 lumens
Operating time (stage 1/stage 2)	6 hrs/3 hrs	4.5 hrs/2 hrs	5 hrs/2.5 hrs	5 hrs/2.5 hrs
Operating time (spot)	4	3 hrs	3 hrs	-

Type	Charging duration hrs.	Battery voltage/capacity V/mAh	Degree of protection	88004	...
MINIFORM	3.0	3.7 / 1000 Li-ion battery	IP65		**101**
UNIFORM	5.0	3.8 / 3000 Li-ion battery	IP65		**102**
UV-FORM	3.0	3.7 / 1600 Li-ion battery	IP20		**103**
SLIM	4.5	3.8 / 2800 Li-ion battery	IP30		**104**

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

Factory equipment

88013 306
17R battery LED
Design
- Frosted front glass brightly and optimally illumina-
  tes the workplace
- Low power consumption
- Low operating temperature
- Long burn time
- Patented rubber strap for several
  assembly/mounting options

Rechargeable
- 2 brightness levels
- 1 plug-in power supply unit and 1 charging cable
  for 12 V car socket
- The light can be used while simultaneously
  charging

Efficient LED technology
- Bright, anti-glare daylight
- Uniform illumination
- Incredibly long service life

Flexible and ergonomic
- With patented rubber strap, can be set down on
  a surface, firmly mounted or hung up
- Adjustable mount for different positions
- Tripod support (accessories available,
  art. no. 88013 305)

Robust and break-proof
- Shock-absorbing rubber edge
- Suitable for use indoors and outdoors

Applications
Ideal for medium-sized work areas where precise
light is required and no power connection is
available.

88013 301-303
Design
- Low power consumption
- Low operating temperature

Flexible and ergonomic
- Easy to transport
- Adjustable mount for different positions
- Tripod support (accessories available,
  art. no. 88013 305)

Efficient LED technology
- Bright daylight
- Anti-glare
- Uniform illumination
- Incredibly long service life

Robust and break-proof
- Shock-absorbing rubber edge
- Can be used indoors and outdoors

88013 301
LED 18
Design
- Strong daylight in a small format
- Frosted front glass provides optimal workplace
  illumination that is as bright as day

Applications
Designed especially for service and inspection work.
Ideal for small work areas in which precision lighting
is required.

88013 302
LED 30
Design
- Intelligent functionality
- Handy and flexible
- 1 additional socket
- Adjustable, patented rubber strap for multiple
  mounting options
- Illuminated switch ensures greater orientation in
  the dark

Flexible and ergonomic
- 1 additional socket on the back
- With patented rubber strap, can be set down on
  a surface, firmly mounted or hung up

Applications
Ideal for surfaces and medium-sized rooms.

88013 303
LED 50
Design
- Maximum performance in a compact size
- 2 additional sockets allow you to operate several
  lamps at once
- Adjustable, patented rubber strap for multiple
  mounting options
- Illuminated switch ensures greater orientation in
  the dark

Flexible and ergonomic
- 2 additional sockets on the back
- With patented rubber strap, can be set down on
  a surface, firmly mounted or hung up

Applications
Ideal for illuminating large spaces.
Allows ergonomic working.

88013 304
LED 25
Design
- The optimum light for the highest demands
- Small and amazingly strong
- Fully waterproof and dust-proof
- Copes with the toughest weather conditions
- Cooling aluminium housing
- Low surface temperature on the lamp
- Minimal fire hazard

State-of-the-art COB LED technology
- The COB LED technology creates a homogene-
  ous, completely uniform light emission
- COB LEDs have a very high CRI value (optimal
  colour rendering)

Versatile and ergonomic
- Easy to transport and carry
- Ultra-thin construction
- Adjustable bracket for different positions

Economic LED technology
- Extremely powerful illumination
- Incredibly long burn time

Sturdy and resistant
- Extremely robust and impact-resistant
- Can be used indoors and outdoors
- Housing made of die-cast aluminium

Applications
For harsh, wet and dirty conditions in professional
environments.

88013 305
Three-leg telescopic tripod
- Height adjustment from 1.10 m to 3.10 m

Applications
For LED work lamps and energy-saving lamps
art. no. 88013 306 and 301–303.

Type	Watts	Lumens	Kelvin	Service	Energy	Degree	Cable	Cable name	No. of	Power connection	Temperature	Dimensions	Weight	88013	...
	W	lm (1st/2st level)	K	life in h	efficiency class	of protection	length m		sockets		range °C	mm	kg		
17 LED	17	750/1500	4000	50,000	A+	IP54	2	-	-	100–240 V/50–60 Hz	-10 to +40	250 x 256 x 110	1.86	**306**	NEW
18 LED	18	1500	4500	50,000	A+	IP54	2	H05RN-F 2 x 1.0 mm	-	230–240 V/50 Hz	-25 to +40	200 x 200 x 80	0.96	**301**	
30 LED	30	2850	4,500	50,000	A+	IP54	2	H07RN-F 3x1.5 mm	1	230–240 V/50 Hz	-25 bis +40	250 x 256 x 109	1.70	**302**	
50 LED	50	4,000	4,500	50,000	A+	IP54	3	H07RN-F 3x1.5 mm	2	230–240 V/50 Hz	-25 bis +40	300 x 305 x 117	2.46	**303**	
25 LED	25	2500	6000	50,000	A+	IP67	5	H05RN-F 3 x 1.0 mm	-	100–240 V/50–60 Hz	-25 to +40	220 x 235 x 75	1.95	**304**	
Tripod	-	-	-	-	-	-	-	-	-	-	-	-	-	**305**	

Factory equipment

Work spotlight

LED cordless work spotlights

ATORN®

IP 54

NEW

88011 101

88011 102

Design
- Switch:
  1. Low: 20%
  2. Medium: 45%
  3. High: 100%
  4. off
- Protective rubber edge
- Handle can be swivelled and rotated
- Fastening option:
- Tripod hole in base
- Battery status indicator
- Residual capacity display:
- Can be charged via barrel plug socket
- 5 V 1 A USB output

Advantage
- Constant light in the day and at night
- Can be operated while charging
Scope of delivery
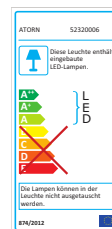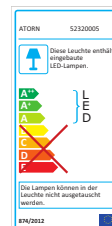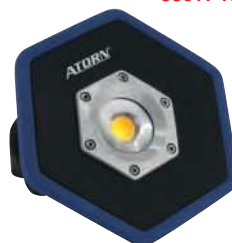- 1x spotlight
- 1x AC power supply
- 1x magnet

Main light approx. lm (lumens) *	Colour rendering index CRI (colour match) *	Battery operation eff. Burn time approx. hours	Battery pack Li-ion V/mAh	Charging duration Approx. hours	Light degree of protection	Shock resistance (EN62262)	Dimensions mm	Weight g	88011	...
1000	> 95	9	11.1 / 2.200	3.5	IP54	IK07	209 x 190 x 73	720		101
4,000	> 80	6	11.1 / 5.200	6.0	IP54	IK07	265 x 237 x 60	1340		102

* LED technology lumens at 0.5 m distance

Cordless/mains-powered and cordless LED spotlight professionalLine

brennenstuhl®

88019 100-101
Cordless/mains-powered and cordless LED spotlight
Design
- Burn time: 2.5 h (100%), 5 h (50%) when using an 18 V 5 Ah battery
- LG Innotek SMD LEDs with high efficiency, extremely long service life, shock-resistant, maintenance-free
- Low heat development, no risk of injury
- Extremely sturdy, coated steel tubular frame with ergonomic carry handle
- Impact-resistant housing and front glass, non-slip rubber feet
- Spotlights can be infinitely swivelled and locked in place
- On/off switch for lamp, 2 switching stages (50%, 100%)
- With practical, fold-out cable holder/hanger
- Shock resistance: IK 10
- Complies with BGI 608
- The lamp contains built-in LED lights
- The lights in the lamp cannot be replaced
Applications
Suitable for operation with Li-ion batteries of series AB 1805 (e.g. art. no. 88019 102), as well as 18 V Li-on batteries from the Bosch Professional assortment (not included in the scope of delivery).

88019 100
Cordless/mains-powered LED spotlight
Design
- Hybrid spotlights for operation with Li-ion battery or mains connection
- Emergency lamp function: In the event of a power failure, it automatically switches to battery power
- 5 m connection line H07RN-F 2x1.0
- Protection class II
- Battery not included in the scope of delivery

88019 101
Cordless LED spotlight
Design
- Protection class III
- Battery not included in the scope of delivery

88019 102
Li-ion battery pack
Design
- 18 V 5 Ah Li-ion battery „powered by Bosch"
- High capacity and long service life
- Li-ion technology, long service life of battery packs due to single cell monitoring and CoolPack technology
- Displays charging condition
Applications
Suitable for all 18 V cordless spotlights from the Brennenstuhl professionalLINE range.
Also for all 18 V Li-ion electric tools from the Bosch Professional range.

Note:
Rechargeable battery with charger CB 1801 (art. no. 88019 103) or chargers for 18 V Li-ion batteries from the Bosch Professional range.

88019 103
Quick charger
Design
- Intelligent charging control system to protect the battery
- With battery cooling (active air cooling)
Applications
For Li-ion batteries in the AB 1805 series (e.g. art. no. 88019 102) as well as Li-ion batteries from the Bosch Professional range.

NEW

IP 55

88019 100

IP 55

88019 101

88019 102

88019 103

	Luminous flux lm (Lumens)	Performance approx. Watts	Cable length m	Cable name	Colour temperature K	Degree of protection	88019	...
Cordless/mains-powered LED spotlight	3200	40	5	H07RN-F 2 x 1.0	6000	IP 55		100
Cordless LED spotlight	3200	40	-	-	6000	IP 55		101
Li-ion battery pack	-	-	-	-	-	-		102
Quick charger	-	-	-	-	-	-		103

88.4 **www.hhw.de** **Fax order hotline: 0800 0 915910**

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

Factory equipment

88015   Compact LED spotlight professionalLine   **NEW**

brennenstuhl®

88015 301-303
Cordless or mains-powered LED spotlight
Design
- Highly efficient SAMSUNG SMD LEDs
- Low heat development, no risk of injury
- Extremely long service life of SMD LEDs, shock-resistant, maintenance-free
- Folding clamp for setting up or mounting on a tripod
- Ergonomically shaped carry handle
- Impact-resistant housing and front glass, non-slip rubber feet
- Shock resistance: IK 10
- The lamp contains built-in LED lights
- The lights in the lamp cannot be replaced

88015 301
Cordless LED spotlight
Design
- Burn time: 3 h (100%), 6 h (50%) when using an 18 V 5 Ah battery
- On/off switch for lamp, 2 switching stages (50%, 100%)
- Protection class III
- Battery not included in the scope of delivery
Applications
Suitable for operation with Li-ion batteries of series AB 1805 (e.g. art. no. 88019 102), as well as 18 V Li-on batteries from the Bosch Professional assortment (not included in the scope of delivery).

88015 302-303
Mains-powered LED spotlight
Design
- Practical cable holder and plug depot for fast cable storage
- 5 m connection line H07RN-F 3G1.5
- 2 splash-proof sockets with self-closing lids
- Complies with BGI 608
- On/off switch for light
- Protection class I

IP 20

IP 54

88015 301

88015 302-303

	Luminous flux lm (Lumens)	Performance approx. Watts	Cable length m	Cable name	Colour temperature K	Degree of protection	88015	...
Cordless LED spotlight	2600	30	-	-	6800	IP 20		**301**
Mains-powered LED spot	4700	50	5	H07RN-F 3G 1.5	6800	IP 54		**302**
Mains-powered LED spot	7250	80	5	H07RN-F 3G 1.5	6800	IP 54		**303**

88016   Mobile LED spotlight   **NEW**   IP 65

brennenstuhl®

Design
- LED spotlight with super bright Everlight SMD LEDs
- Solid and modern aluminium housing
- Sturdy tubular steel frame with plastic protective corners and ergonomic plastic carry handle
- Spotlights can be swivelled infinitely and locked with one hand using a quick-release clamp
- Front glass made of safety glass
- The lamp contains built-in LED lights
- The lights in the lamp cannot be replaced

88016 201   **88016 202**   **88016 203**

Luminous flux lm (Lumens)	Performance approx. Watts	Cable length m	Cable name	Colour temperature K	Degree of protection	88016	...
2930	30	3	H07RN-F 3G1.0	6500	IP 65		**201**
4770	50	5	H07RN-F 3G1.0	6500	IP 65		**202**
7200	80	5	H07RN-F 3G1.0	6500	IP 65		**203**

90401   Cordless/mains-powered LED work lamps   14,4V   18V   230V
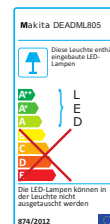
makita

Design
- Work lamps with 14.4 V/18 V or 230 V power supply
- 20 LEDs each with 0.5 W provide optimum illumination
- 2 brightness levels
- 360° rotating luminous element
- Light duration 510 min. (BL1850/18 V 5 Ah)
- Light intensity 750 lx
- Mains cable can be wound around two holding hooks for storage
- Capacity indicator via LED
- **Supplied without battery or charger**

Scope of delivery:
- Mains connection cable, 2.5 m

90401

Makita DEADML805
Diese Leuchte enthält eingebaute LED-Lampen
A+ A A
LED
Die LED-Lampen können in der Leuchte nicht ausgetauscht werden
874/2012

Type	Lumens	Voltage V	Lighting duration min.	Luminosity high/low lx	Weight kg	90401	...
DEADML805	8000	14.4/18.0/230	510	750/450	2.3		**101**

Factory equipment

Halogen spotlights | Machine lamps | Workplace lamps

88017 — Professional halogen spotlight

IP 54

88017 101

88017 101
Halogen spotlight
Design
- Can be swivelled infinitely
- Can be locked in any position
- Aluminium die-cast housing
- Surface-coated
- Colour: silver
- Chrome-plated protective grating
- Protective glass made of pre-tensioned safety glass
- Sturdy tubular steel frame with ergonomic carry handle
- Includes halogen bulb in accordance with new EU framework regulation (2005/32/EC)

Applications
Ideal for outdoor and indoor use.

88017 102
Telescopic tripod
Design
- Heavy, stable and robust
Base:
- Folds out
- Extremely stable
- Made of square steel profile
- With floor mounting plates
Legs:
- Powerful, made from sturdy steel
- Zinc-plated
- Infinitely height-adjustable up to max. 2.5 m
- Reliable mounting with star-head screws
- Alternative mounting with supplied hand grips

88017 102

88017 103
Replacement bulb
Design
- 20% lower power consumption
- Dimmable
- Service life: approx. 2000 hours
- Number of switching cycles ≥ 8000x
- Colour temperature 2900 K

	Performance Watts	Version	Cable length m	Cable Name	Degree of protection	88017	...
Professional halogen spotlight	400	R7s	5	H05RN-F 3G1.0	IP 54		101
Construction telescopic tripod	-	-	-	-	-		102 NEW
Replacement bulb	-	-	-	-	-		103 NEW

88051 — LED machine lamps

IP 67

88051 101-103
LED machine lamps
Design
- Robust aluminium housing
- Satin-finish acrylic glass ensures homogeneous and uniform illumination
- Light temperature: daylight white approx. 5500 Kelvin
- 120 degree uniform illumination, anti-glare and flicker-free, low-reflection
- Connection to 24 volt power supply or 24 volt machine control system
- Watertight in accordance with IP67
- 2 rubber-coated magnets included in scope of delivery

88050 106
Dimmer
Design
- Infinitely regulates the brightness of the LED lights
- Plugged in between the cable couplings of the light and the power supply unit
- IP20 dust-proof

Applications
For LED machine lamps art. no. 88051 101-103 and LED work lamps art. no. 88050 101-103.

88051 101

IP 20

88050 106

88051 102

88051 103

Example application:
Machine lighting

Detailed view:
Magnetic fixing

Type	Watts W	Lumens lm	Illumination Degrees	Degree of protection	Dimensions mm	Light 88051 ...	Dimmer 88050 ...
LIGHT STRIP	5	600	120	IP67	155 x 40 x 15	101	
LIGHT STRIP	12	1600	120	IP67	305 x 40 x 15	102	
LIGHT STRIP	25	3200	120	IP67	560 x 50 x 15	103	
Dimmer	-	-	-	IP20	-		106

Factory equipment

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

LED work lamps

88050 101-103
LED work lamps
Design
- High-power LED
- **Very robust, housing turned and milled from aluminium**
- Flexible shaft
- **Rubber-coated magnetic base protects painted surfaces from scratching and does not slip**
- Light temperature: daylight white approx. 5500 Kelvin
- Uniform illumination, anti-glare and flicker-free, low reflection
- Supply with 24 volt power supply
- Service life of chip: at least 50,000 hours
- **Load capacity: dust-proof and splash-proof down to plug in accordance with IP65**
- Table clamp, acrylic base and dimmer are available as options

Features:
- Use of high-quality components
- Aluminium housing
- **Extremely energy efficient due to LED lamps**
- Durable
- Robust
- Uniform, homogeneous illumination
- Flexible mounting
Applications
Machine or workplace lighting.

IP 65
88050 101

IP 65
88050 102

88050 104

88050 105

88050 106

IP 20

88050 103

IP 65

88050 104
Table clamp
Design
- 2 chrome-plated, round metal plates Ø 73 mm and Ø 90 mm connected via a screw clamp can be fixed to tabletops up to 90 mm thick
Applications
For LED work lamp art. no. 88050 101–103.

88050 105
Acrylic base
Design
- Transparent acrylic plate with chrome-plated metal plate Ø 90 mm
- Basic dimensions 220 x 150 x 16 mm
Applications
For LED work lamp art. no. 88050 101–103.

88050 106
Dimmer
Design
- Infinitely regulates the brightness of the LED lights
- Plugged in between the cable couplings of the light and the power supply unit
- IP20 dust-proof
Applications
For LED work lamps art no. 88050 101-103 and LED machine lamps art. no. 88051 101-103.

Type	Watts W	Lumens lm	Illumination Degrees	Degree of protection	Total length mm	Lamp head mm	Magnetic base Ø mm	Adhesive force N	Weight g	88050 ...
FLEXI	4.5	700	120	IP65	600	Ø 65	66	180	950	**101**
BRIGHT LIGHT	2.5	400	160	IP65	620	90 x 30 x 15	66	180	550	**102**
FLOODLIGHTS	10.0	1200	160	IP65	850	175 x 50 x 25	88	420	1600	**103**
Table clamp	-	-	-	-	-	-	-	-	-	**104**
Base	-	-	-	-	-	-	-	-	-	**105**
Dimmer	-	-	-	IP20	-	-	-	-	-	**106**

88024 - 88025 Halogen machine/workplace lamps

IP 20 GS (magnet symbol)

Design
- **With toggle switch for wide beam or spotlight**
- On/off switch on lamp head
- Sturdy, coated, jointed metal hose, length: 500 mm
- Ball joint head
- Beam angle without lens: 36°
- Beam angle with lens: 25°
- Light colour: 3000 K
- Energy class: C
Delivery includes
- Halogen lamp 12 V
- Mounting magnet
- Table clamp
- Fastening screws

88024 101
Design
- **20 watt**
- Luminous flux: 300 lumens
- Illuminance without lens: 850 lux (1 m)
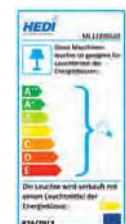- Illuminance with lens: 670 lux (1 m)

88024 102
Design
- **50 watt**
- Luminous flux: 780 lumens
- Illuminance without lens: 2,700 lux (1 m)
- Illuminance with lens: 1,950 lux (1 m)

88025

88024

88024 101

88024 102

Performance Watts	Supply voltage Volts	Cable length m	Cable name	Degree of protection	Protection class	Light 88024 ...		Replacement lamp 88025 ...
20	230	3	H05 RN-F 2 x 1.0	IP 20	II	**101**		**101**
50	230	3	H05 RN-F 2 x 1.0	IP 20	II	**102**		**102**

88026 — LED machine/workplace lamp

IP 20

ATORN®

88026

Design
- **Including adhesive magnet**
- With infinitely adjustable focus
- Light cone can be infinitely adjusted from approx. 36° (wide beam) to 10° (spot) using a handle
- Light colour 6000 K (daylight) enables precise working without placing too much strain on the eyes
- Light output at 30 cm distance:
  Spotlight (area 4 x 4 cm) 50,000 lx
  Wide beam (Ø 32 cm) 6000 lx
- Focus: adjustable lens frame with aspherical lens
- Upper part of lamp head and complete lamp base made of impact-resistant, non-flammable plastic

- Anodised aluminium star-shaped heat dissipator and lens holder
- Switch integrated in the lamp head
- Coating of light bracket hose: plastic corrugated hose coating
- **Scope of delivery** includes branded high-performance LED 3 W, extra strong adhesive magnet, screw terminal with star-shaped handle and screws for direct mounting

Illuminance Spotlight lx (Lux)	Illuminance Wide beam lx (Lux)	LED Quantity	LED Watts	Voltage V(AC)/Hz	Degree of protection	Cable length m	Lamp bracket tube Length mm	Overall length mm	88026	...
50,000	6000	1	3	230 / 50	IP 20	1.6	420	590		101

88030 — Adhesive magnet lamp

IP 54

88030

Design
- Anodised aluminium reflector Ø 153 mm
- Anti-glare mesh
- Flexible lamp bracket: tube length 350 mm
- Concealed switch in lamp base
- Permanent adhesive magnet base, adhesive force approx. 650 N
- Supplied without bulb

Applications
For bulbs up to 60 watts.

Power Watts	Supply voltage Volts	Version	Cable length m	Degree of protection	Protective class	Overall length mm	88030	...
60	230	E 27	2.5	IP 54	II	660		201

88042 — Adhesive magnet lamp

IP 40

88042

Design
- Cold light lamp
- Uniform light distribution through high-gloss reflector
- Flexible lamp bracket: tube length 300 mm
- Concealed switch in light head
- Permanent adhesive magnet base, adhesive force approx. 650 N
- Ballast in foot
- Grounding contact plug
- Including 11 watt compact fluorescent tube

- Approx. 80% energy savings compared to incandescent lamps

	Performance approx. watts	Supply voltage Volts	Version	Cable length m	Degree of protection	Protection class	88042	...
Adhesive magnet lamp	11	230	G 23	2.5	IP 40	I		101
Spare fluorescent tube	11	-	G 23	-	-	-		102

88047 — Halogen lamp with adhesive magnet

IP 44

88047

Design
- Light head made of high-pressure die-cast aluminium with thermally insulated edge and hard safety glass
- Flexible lamp bracket: tube length 300 mm
- Permanent adhesive magnet base, adhesive force 650 N
- Safety transformer in lamp base
- Grounding contact plug
- Includes 12 volt/20 watt low-voltage halogen light

Applications
Very bright spotlight for adjustment work on machines, control work, etc.

Performance approx. volts/watts	Supply voltage Volts	Cable length m	Degree of protection	Protection class	Lamp head Ø mm	Overall length approx. mm	88047	...
12/20	230	2.5	IP 44	I	114	550		101

Factory equipment

88.8

www.hhw.de
Fax order hotline: 0800 0 915910

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

88000 — Tube lamps

brennenstuhl®

88000 201
Design
- Highly transparent, impact-resistant protective tube
- Ergonomically shaped handle
- Electronic ballast unit in handle
- With hexagonal bead anti-roll protection
- Large, rotatable hook
- Connection cable with Euro plug
- Extremely low power consumption
- Contains built-in lights
- The lights in the lamp cannot be replaced
- Energy efficiency class B
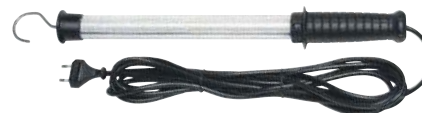
88000 203
LED workshop lamps
Design
- 54 bright SMD LEDs with extremely long service life
- Impact-resistant and break-proof protective tube with glare protection
- Sturdy, ergonomic handle with hexagonal bead to prevent rolling away
- Stable, rotatable hook
- The lamp contains built-in LED lights
- The lights in the lamp cannot be replaced
- Efficiency of lamp 84 lm/W
- Colour temperature 6500 K
- Energy efficiency class A+
Applications
Best suited for use in the workshop and hobby applications.

88000 201

IP 54

88000 203

Luminous flux lm (lumens)	Cable length m	Cable name	Degree of protection	Length approx. mm	88000	...
320	5	H05RN-F 2 x 0.75	-	500		201
420	5	H05RN-F 2 x 1.0	IP 54	440		203

88204 — Multiple socket outlets

brennenstuhl®

Design
- Standard, top-quality multiple socket outlet
- Sockets arranged diagonally for convenient insertion of angled plugs
- Illuminated safety switch, switches on/off on two-poles
- Sockets with child protection

88204 101+202

88204 103+204

Sockets Number	Cable length m	Length approx. cm	Cable name	Colour	88204	...
3	1.5	20.5	H05VV-F 3G1.5	black		101
3	5.0	20.5	H05VV-F 3G1.5	black		202 NEW
6	1.5	34.0	H05VV-F 3G1.5	black		103
8	3.0	45.0	H05VV-F 3G1.5	black		204 NEW

88208 — Multiple socket outlets with overvoltage protection

brennenstuhl®

88208 101
Design
- Premium-Line overvoltage protection 30,000 A
- Guaranteed protection against high overvoltage and strong surges in current
- Three-wire arrangement protects phase, neutral and protective conductors
- Thermal fuse, additional protection against impermissible high heating of the varistors and for separating the mains voltage in the event of severe overvoltage
- Extremely short response time for super-fast suppression of overvoltage
- Visual functional display of device protection
- With 10 amp fuse, replaceable
- Illuminated safety switch, switches on/off on two-poles
- Integrated filter for premium protection against HF interference

88208 102
Design
- Protects your devices against faults in the power network such as overvoltage, indirect lightning strikes or circuit noises, with a maximum sum of leakage currents up to 30,000 A
- Intelligent, replaceable modular construction system
- Illuminated safety switch, switches on/off on two-poles
- With 10 amp fuse, replaceable
- Sockets with child protection

88208 101

88208 102

Sockets Number	Cable length m	Length approx. cm	Cable name	Colour	88208	...
4	1.8	45	H05VV-F 3G1.0	black		101
6	3.0	52	H05VV-F 3G1.5	black		102 NEW

Factory equipment

eng/P   ( ) = Items with prices in brackets partly available from stock.

www.hhw.de
Fax order hotline: 0800 0 915910   HHW   88.9

Extension cables │ Cable boxes │ Cable drums

88209	Extension cable

brennenstuhl®

88209 101
Plastic cable, short extension
Design
- With grounding contact plug and coupling

88209 102
Rubber cable IP 44
Design
- With grounding contact plug and coupling with locking cap
Applications
For short-term outdoor use.

88209 106
Rubber cable IP 44 professionalLine
Design
- Very robust
- Oil resistant
- With extra sturdy grounding contact plug and coupling with locking cap
- UV-resistant plug and coupling with anti-kink protection and cable sealing
- Complies with BGI 608
Applications
Especially suitable for professional use.

88209 104-105
Construction site cable IP 54 with power block
Design
- High-quality, impact-resistant, break-proof multiple socket block
- 4 dust-proof and splash-proof sockets in 45° arrangement with self-closing folding lids to protect against contamination
- Folding metal hook
Applications
Ideal for tough applications.
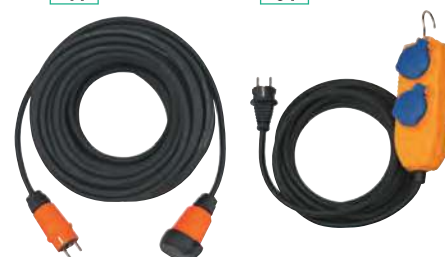For use on construction sites and continuous use outdoors.

IP 44   88209 101   88209 102

IP 44   88209 106   IP 54   88209 104-105

Sockets Number	Cable length m	Cable name	Cable material	Cable colour	Degree of protection	88209 ...
1	5	H05VV-F 3G1.5	plastic	black	-	101
1	10	H05RR-F 3G1.5	rubber	black	IP 44	102
1	25	H07RN-F 3G1.5	rubber	black	IP 44	106 NEW
4	5	H07RN-F 3G1.5	rubber neoprene	black	IP 54	104 NEW
4	10	H07RN-F 3G1.5	rubber neoprene	black	IP 54	105 NEW

88210 - 88211	Vario-Line cable boxes

brennenstuhl®

Design
- Impact-resistant housing made of special plastic
- Ergonomically shaped carry handle
- Robust twin feet for good stability
- 4 grounding contact sockets
- Overheating protection, indicator light in the event of overheating and overloading
- Sockets with child protection
- 3-year manufacturer's warranty (see terms of warranty)

88210   88211

Cable length m	Cable name	Cable material	Cable colour	Sockets Number	Dimensions W x H x D mm	88210 ...	88211 ...
5	H05VV-F 3G1.5	plastic	black	4	19.5 x 24.0 x 7.5	301	
10	H05VV-F 3G1.5	plastic	black	4	22.5 x 27.0 x 8.0		301

88100	Cable drum 290/50 VV

brennenstuhl®

Design
- Drum body made of Breflex special plastic on a zinc-plated support frame
- Ergonomic handle with axis for perfect cable management during winding and unwinding
- Stable tubular steel frame
- 4 grounding contact sockets with self-closing lids
- Overheating protection, indicator light in the event of overheating and overloading
- 3-year manufacturer's warranty (see terms of warranty)

Note:
Does not comply with BGI 608.

88100

Cable length m	Cable name	Cable material	Cable colour	Drum Ø mm	88100 ...
50	H05VV-F 3G1.5	plastic	black	290	101

Factory equipment

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

88207 Cable drums

brennenstuhl®

Design
- Drum body made of special plastic on a zinc-plated support frame
- Innovative **cablepilot** handle for perfect cable management: swings on both sides and facilitates easy carrying and suspension
- With turning handle for comfortable rolling up
- 3 grounding contact sockets, splash-proof, with self-closing lids
- Overheating protection, indicator light in the event of overheating and overloading

- RN cable approved for use in difficult construction conditions in line with VDE 0100 Part 704
- 3-year manufacturer's warranty (see terms of warranty)

Use
For use on construction sites in accordance with BGI 608 and continuous use outdoors.

88207

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	Drum Ø mm	88207	...
25	H07RN-F 3G2.5	rubber neoprene	black	3	IP 44	290		201
40	H07RN-F 3G1.5	rubber neoprene	black	3	IP 44	290		202

88201 Steel cable drums professionalLine

brennenstuhl®

Design
- Drum body made of sheet steel
- Cold-resistant to as low as -25°C
- Insensitive to petrol and oils
- Protective insulation front and back for durable operation
- Innovative **cablepilot** handle for perfect cable management: swings on both sides and facilitates easy carrying and suspension
- Large, robust folding turning handle to easily wind and unwind the cable
- 4 grounding contact sockets, splash-proof with self-closing covers

- Extra-robust grounding contact plug
- Overheating protection in the event of overheating and overloading
- Visual readiness display in socket insert
- Complies with BGI 608

BREMAXX®-PUR cable (BQ cable):
- Extremely abrasion-resistant
- Secured against over-winding
- Extreme cut and tear resistance
- Resistant to acids and oil
- Weather and microbe-resistant
- Cold resistant to as low as -40°C

NEW

88201

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	88201	...
33	H07BQ-F 3G1.5	Bremaxx	orange	4	IP 44		101
50	H07BQ-F 3G1.5	Bremaxx	orange	4	IP 44		102

88205 - 88206 cable drums

Design
- Stable cable reel with sturdy tubular steel frame
- Ergonomic, insulated bow handle
- Plug parking station
- Rotation stop switch
- Extremely stable due to low centre of gravity
- Splash-proof 3-way socket with plug sealing lip
- Thermal protection switch according to VDE 0620 and Diag S

Rapid fault diagnostics using the new cable drum diagnostics system (Diag S):
Green light on: Power supply is active. The cable drum is ready for operation. If the connected device does not work, there is an error with the connected cable or the device itself.
Red light on: Connected, powered devices are not working as the thermal protection switch has been triggered. As soon as the cable drum has cooled down and the thermal protection switch is pressed, the cable drum can be used again.
Both lights off: The cable drum is not receiving power.
- It is not plugged in or the connecting socket has no power.
- The cable drum is defective. A specialist should be consulted for repair.

88205
Design
- Drum made of zinc-plated sheet steel
- Grounded drum
Applications
Approved for continuous use outdoors. Complies with BGI 600, K1.

88206
Design
- Drum made of plastic
Applications
Approved for continuous use outdoors as well as on construction and installation sites. Complies with BGI 608 and BGI 600, K2.

88205

88206

Drum	Cable length m	Cable name	Cable material	Cable colour	Sockets Number	Degree of protection	88205	...	88206	...
Sheet steel	40	H07RN-F 3G1.5	rubber	black	3	IP 44	202			
Plastic	40	H07RN-F 3G1.5	rubber	black	3	IP 44			202	

Factory equipment

| 88202 | **professionalLine cable drums** |

IP 44

brennenstuhl®

Design
Professional drum with all-round over-winding protection:
- Stable on all 4 sides
- Perfect cable management on all 4 sides
- Large, robust folding turning handle to easily wind and unwind the cable
- Sturdy carrying handles and plug garage on all 4 sides
- The Rubbabren housing and drum material made from a plastic/rubber blend are extremely shock- and impact-resistant

- Drum body cold-impact-resistant to as low as -25°C
- The RN cable is very sturdy, oil resistant and especially suited for professional use
- 4 grounding contact sockets, splash-proof with self-closing covers
- Extra-robust grounding contact plug
- Overheating protection, indicator light in the event of overheating and overloading
- Visual readiness display in socket insert
- Complies with BGI 608

Applications
For permanent use under the harshest conditions.

NEW

88202 201-202

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	88202	...
33	H07RN-F 3G2.5	rubber neoprene	black	4	IP 44		202
50	H07RN-F 3G1.5	rubber neoprene	black	4	IP 44		201

| 88202 | **professionalLine cable drum with power block** |

IP 44

brennenstuhl®

Design
Mobile power block:
- **4 additional sockets** for practical use on scaffolding, roofs, etc.
- 4 splash-proof sockets in 45° arrangement with self-closing hinged lids for protection against dirt
- Visual readiness display
- Folding metal hooks and strap for more mounting options

Professional drum with all-round over-winding protection:
- Stable on all 4 sides
- Perfect cable management on all 4 sides
- Large, robust folding turning handle to easily wind and unwind the cable
- Sturdy carrying handles and plug garage on all 4 sides

- The Rubbabren housing and drum material made from a plastic/rubber blend are extremely shock- and impact-resistant
- Drum body cold-impact-resistant to as low as -25°C
- The RN cable is very sturdy, oil resistant and especially suited for professional use
- 4 grounding contact sockets, splash-proof with self-closing covers
- Extra-robust grounding contact plug
- Overheating protection in the event of overheating and overloading
- **Cable reel with 5 m cable for connecting drum to power network**
- Visual readiness display in socket insert
- Complies with BGI 608

Applications
For permanent use under the harshest conditions.

NEW

88202 101

Cable reel with 5 m cable on back

Mobile power block

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	88202	...
50 + 5	H07RN-F 3G1.5	rubber neoprene	black	4 + 4	IP 44		101

| 88202 | **professionalLine power blocks with extension cable** |

IP 54

brennenstuhl®

Design
- Mobile power block with 4 sockets for practical use on scaffolding, roofs, etc.
- 4 splash-proof sockets in 45° arrangement with self-closing hinged lids for protection against dirt
- Ergonomic, impact-resistant, break-proof multiple socket block in a sturdy design
- Visual readiness display
- Folding metal hooks and strap for more mounting options
- The RN cable is very sturdy, oil resistant and especially suited for professional use

Applications
Ideal for use on construction sites and permanent outdoor use (IP 54).

NEW

88202 102-103

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	88202	...
10	H07RN-F 3G2.5	rubber neoprene	black	4	IP 54		102
15	H07RN-F 3G1.5	rubber neoprene	black	4	IP 54		103

Factory equipment

88.12

www.hhw.de
Fax order hotline: 0800 0 915910

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

88220 — Cable drum CEE 1 IP44

Design
- Drum body made of special plastic on a zinc-plated support frame
- Innovative cablepilot handle for perfect cable management
- Swings on both sides and facilitates easy carrying and suspension
- CEE plug 400 V/16 A
- 1 CEE socket 400 V/16 A
- Grounding contact sockets distributed over separate phases
- 3-pole safety switch-off and overheating protection

Applications
For use on construction sites and indoors, IP 44. Ideal for harsh conditions on construction sites, in workshops and for industrial applications.

IP 44

88220

For use outdoors

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	Drum Ø mm	88220	...
30	H07RN-F 5G1.5	rubber neoprene	black	3	IP 44	290		101

88225 — Compact low-voltage current distributor BKV 2/4 T IP 44

Design
- Stable, impact-resistant and splash-proof plastic housing
- Carry handle
- Grounding contact sockets distributed over all 3 phases
- Oil-resistant rubber cable for constant use outdoors

Applications
For use on construction sites and indoors, IP 44.

IP 44

88225

Cable length m	Cable name	Number Schuko sockets 230 V/16 A	Number CEE sockets 400 V/16 A	88225	...
2	H07RN-F 5G1.5	4	2		201

88226 — CEE high-voltage current extension cable 400 V/16 A

Design
- Special rubber cable
- CEE plug and coupling with locking flap, 5-pole
- Oil and UV resistant

Applications
Suitable for outdoor use.
Ideal for tough applications.

NEW

IP 44

88226

Cable length m	Cable name	Cable material	Cable colour	Sockets Quantity	Degree of protection	88226	...
10	H07RN-F 5G1.5	rubber neoprene	black	1	IP 44		101
30	H07RN-F 5G1.5	rubber neoprene	black	1	IP 44		102

88231 — Automatic cable winder

Design
- Convenient automatic cable winding
- For mounting to wall and ceiling
- Swivels up to 180°
- Sturdy plastic housing
- With overheating protection
- Socket with child protection

Applications
Ideal for use outdoors,
e.g. in the garden (IP44 – splash-proof).

NEW

IP 44

88231

Cable length m	Cable name	Cable material	Cable colour	Degree of protection	Housing colour	88231	...
9 + 2	H07RN-F 3G1.5	rubber neoprene	black	IP 44	yellow		101
16 + 2	H07RN-F 3G1.5	rubber neoprene	black	IP 44	yellow		102

Factory equipment

Power distributor

| 88240 | Energy block pendulum power distributor |

brennenstuhl®

Design
- Impact-resistant plastic housing with large tool hook
- With 3 m sturdy, zinc-plated steel link chain
- 5 m Breflex neoprene cable

Applications
For variable current at any working height.
Work without cable clutter at the workspace.

88240 101
Design
- 2 x 4 grounding contact sockets 230 V
- With self-closing covers to protect against dust and dirt
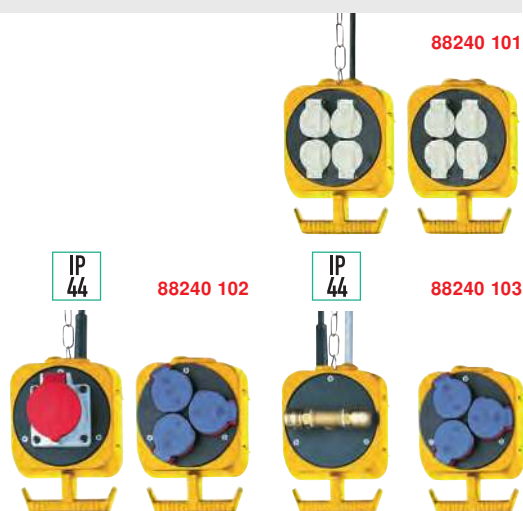
88240 102
Design
- 3 grounding contact sockets, 230 V and 1 CEE socket, 5-pole, 400 V
- Splash-proof IP 44

88240 103
Design
- 3 grounding contact sockets, 230 V and 2 one-handed pneumatic couplings with 5 m connection hose, Ø 6/12 mm
- Splash-proof IP 44

88240 101

IP 44   **88240 102**   IP 44   **88240 103**

Schuko sockets 230 V Number	CEE sockets 400 V Number	Pneumatic couplings Number	Cable length m	Cable name	Cable colour	Degree of protection	88240 ...
8	-	-	5	H07RN-F 3G1.5	black	-	101
3	1	-	5	H07RN-F 3G1.5	black	IP 44	102
3	-	2	5	H07RN-F 3G1.5	black	IP 44	103

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

eng/P

Factory equipment