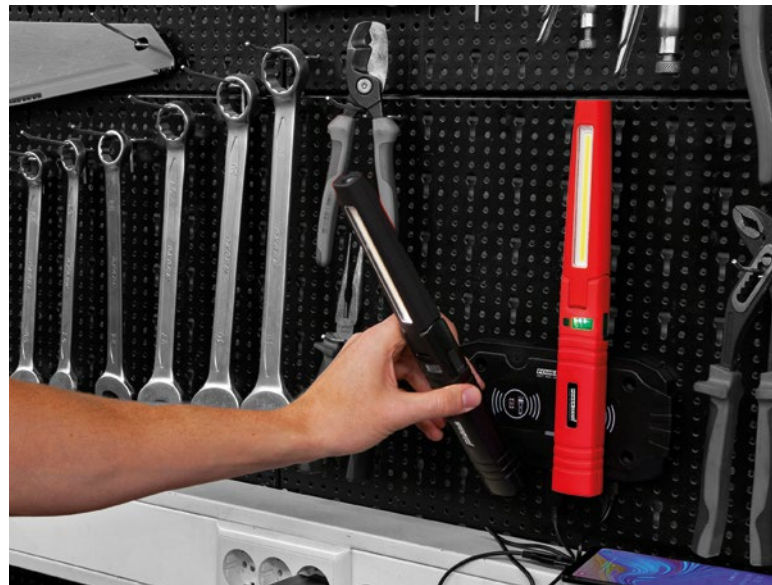


POWERHAND

LIGHTING BY SERENCO



SERENCO
SERIOUS TOOLS SERIOUS RESULTS

CATALOG
22/23

Powerhand

The right light for every situation. The real professional knows that good lighting is indispensable for every operation. The extensive Powerhand range is of high quality and competitively priced. Value for money. And for that reason dominant presence on the European market for years. The Powerhand range of work lamps has been specially designed for the professional user in the workshop or on the move. All Powerhand lights come with a 12-month guarantee.

Serenco has been around for more than 35 years and that is not without a reason:

- Serenco is a leading supplier of professional tools and equipment
- For the automotive and bicycle market and the industrial environment
- More than 2.500 high quality products in stock
- Fast delivery from our central warehouse to customers in over 48 countries
- All Serenco employees are knowledgeable, service-oriented and above all: proud!

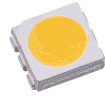
**LET'S
GET
SERIOUS.**

POWERHAND
LIGHTING BY SERENCO

LEDs and how they work

LED basics

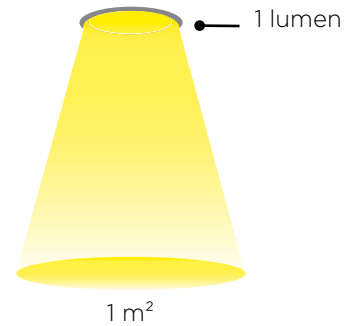
Differtent LED types



	LED	SMD LED	COB LED
Consumption	0.1 W	0.5 W	1 W
Beam angle (degree)	30°	120°	120°
Light output	< 10 lumen	< 20 lumen	< 100 lumen
Working temperature	-20 -50°C	-20 -50°C	-20 -50°C

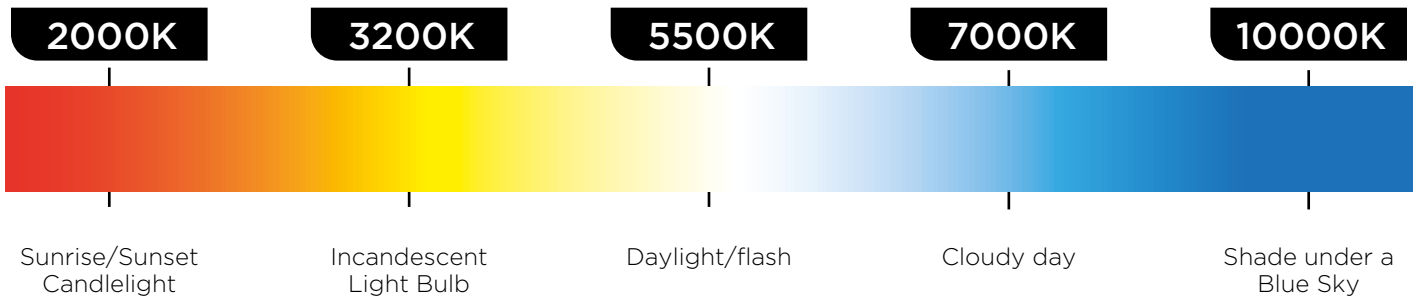
Difference between lux and lumen

- Lumen (lm) = Total amount of visible light present in all directions
- Lux (lx) = Licht beam spread over a given area
- 1 lux = 1 lumen per m²



Colour Temperature (Kelvin Temperature Chart)

Colour temperature is a characteristic of visible light that has important applications in lighting, photography, videography, publishing, manufacturing, astrophysics and other fields. The colour temperature of a light source is the temperature of an ideal black-body radiator that radiates light of comparable hue to that light source. The temperature is conventionally stated in units of absolute temperature, known as Kelvin (K).



IP Rating (first digit solids, second digit liquids)

Solids

Level	Object size
IP1X	>50 mm
IP2X	>12,5 mm
IP3X	>2,5 mm
IP4X	>1 mm
IP5X	Dust protected
IP6X	Dust tight

Liquids

Level	Protected against
IPX0	Not protected
IP1X	Dripping water
IP2X	Dripping water when tilted up to 15°
IP3X	Spraying water
IP4X	Splashing water
IP5X	Water jets
IP6X	Powerful water jets
IP7X	Immersion up to 1 m
IP8X	Immersion beyond 1 m

SIN-100.0035

- IP42 = Solids >1 mm and protected againts dripping water when tilted up to 15°
- IK04 = Protected against 0.5 joules impact dropped from 200 mm above surface



IK Rating (protection for electrical equipment against external mechanical impacts)

Level	Protected against	Force equals
IK01	0.14 joules impact dropped from 75 mm above surface	0.2 kg
IK02	0.2 joules impact dropped from 80 mm above surface	0.2 kg
IK03	0.35 joules impact dropped from 140 mm above surface	0.2 kg
IK04	0.5 joules impact dropped from 200 mm above surface	0.2 kg
IK05	0.7 joules impact dropped from 280 mm above surface	0.2 kg
IK06	1 joules impact dropped from 400 mm above surface	0.5 kg
IK07	2 joules impact dropped from 400 mm above surface	0.5 kg
IK08	5 joules impact dropped from 300 mm above surface	1.7 kg
IK09	10 joules impact dropped 200 mm above surface	5 kg
IK10	20 joules impact dropped 400 mm above surface	5 kg



SIN-100.2010

- IP54 = Dust protected and protected againts splashing water
- IK07 = Protected against 2 joules impact dropped from 400 mm above surface

Pen light, with magnetic pocket clip

SIN-100.2008



- Brightness: 130 Lumen
- Brightness spot: 50 Lumen
- IP20
- IK07
- Colour temperature: 5700 K
- Size 20x15x160 mm
- Lightweight (0.044 kg)
- Incl. 2x AAA battery
- Ultra slim design
- Pocket clip with magnet
- Shock resistant ABS housing
- SMD

SIN-100.2008

€ 10,75

Rechargeable pen light

SIN-100.2009



- Brightness: 150 Lumen
- Brightness spot: 70 Lumen
- 3.7 V 0.6 Ah Li-Ion battery provides 2.5 ~ 4 hours constant light output
- Charging time: 2 hours
- IP20
- IK07
- Colour temperature: 5700 K
- Size 20x15x160 mm
- Lightweight (0.039 kg)
- USB-C cable
- Ultra slim design
- Pocket clip with magnet
- Shock resistant ABS housing
- Charge indicator
- SMD

SIN-100.2009

€ 19,25

Rechargeable inspection lamp

SIN-100.2150-B / SIN-100.2150-R

- Brightness: 100 - 300 Lumen
- Brightness spot: 80 Lumen
- 3.7 V 1.1 Ah Li-Ion battery provides 3 - 6 hours constant light output
- Charging time: 3 hours
- IP54
- IK07
- Colour temperature: 6500 K
- Size: 300x26.5x20.5 mm
- Weight: 0.08 kg
- Slim and durable ABS housing with pocket clip and magnet
- 180° forward/ backwards swivel
- Charge indicator
- USB-C cable
- Easy to carry
- 3 integrated magnets
- COB + SMD



SIN-100.2150-B / SIN-100.2150-R

€ 37,50



SIN-100.2026 / SIN-100.2008
SIN-100.2150-B / SIN-100.2150-R

Rechargeable work lamp

SIN-100.2026-SERIE

- Brightness: 350 Lumen
- Brightness spot: 100 Lumen
- 3.7 V 2.2 Ah Li-Ion battery provides 3.5 and 7 hours constant light output
- Charging time: 5 hours
- IP20
- IK04
- Colour temperature: 5700 K
- Size: 55x45x248 mm
- Weight: 0.29 kg
- 2x 360° integrated swivel hook
- 180° forward/ backwards swivel
- 3 integrated magnets
- Charge indicator
- Micro USB cable
- SMD



Best value for money

180°

SIN-100.2026-SERIE

€ 37,95

SIN-100.2026

SIN-100.2026-B

SIN-100.2026-O

SIN-100.2026-R

SIN-100.2026-Y

Rechargeable slim work lamp

SIN-100.1070

- Brightness: 60 ~ 600 Lumen
- Brightness spot: 120 Lumen
- 3.7 V 2.6 Ah Li-Ion battery provides 2 ~ 16 and 10 hours constant light output
- Charging time: 4 hours
- IP45
- IK07
- Colour temperature: 6500 K
- Size: 384x40x45 mm
- Weight: 0.3 kg
- Robust, shock resistant housing
- Slim design
- Broad 120° light spread
- Can be rotated 360° with a 42° tilt
- 210° integrated swivel hook
- Rotating dimmer switch
- Ball joint magnetic base
- Battery indicator
- USB-C cable
- COB + SMD



Spot 120 Lumen

Tough

360°

SIN-100.1070

€ 52,50

Rechargeable multi-functional work lamp

SIN-100.1035

- Brightness: 400 Lumen
- Brightness spot: 100 lumen
- 3.6 V 2.6 Ah Li-Ion battery provides 3 hours constant light output
- Charging time: 5 hours
- IP42
- IK04
- Colour temperature: 5700 K
- Size: 283x36x25 mm
- Weight: 0.17 kg
- Robust, shock resistant ABS housing
- Broad 90° light spread
- 180° forward/ backwards swivel
- 360° integrated swivel hook
- Strong magnet: 38 N
- Battery indicator
- Dockingstation
- COB + SMD



Always ready to go

180°

SIN-100.1035

€ 57,00

Work lamp accessory 360° foldable slimlight

SIN-100.1067

- Brightness: 50%: 175 lumen
100%: 350 lumen
- IP54
- IK07
- Colour temperature: 6000 K
- Slimlight with 360° swivel
- COB



SIN-100.1067

€ 21,50

Rechargeable 3 in 1 multi-functional work lamp set

SIN-100.1060

- Set includes: slimlight (brightness: 175/350 Lumen), flexlight (brightness: 100/200 Lumen) and flashlight (brightness: 140/280 Lumen)
- 3.7 V 2.2 Ah Li-Ion battery provides 2.5 - 8 hours constant light output
- Charging time: 3 - 4 hours
- IP54
- IK07
- Colour temperature: 5900 K
- Made from high-quality anodized aluminium for reduced weight and extra strength
- Strong magnet in the base
- Power indicator switch
- Car charger
- USB-C cable
- Charger 1 A
- SMD



SIN-100.1060

€ 61,50



SIN-100.1060

Multifunctional rechargeable induction work lamp

SIN-100.2035-SERIE

- Brightness: 60 - 600 Lumen dimmable
- Brightness spot: 100 Lumen
- 3.7 V 2.6 Ah Li-Ion battery provides 2.5 - 12 hours constant light output
- Charging time: 3.5 hours
- IP42
- IK09
- Colour temperature: 5600 K
- Size: 38x29x310 mm
- Weight: 0.20 kg
- Broad 90° light spread
- 3 integrated magnets and 180° swivel base
- Charge via USB-C cable from PC or mobile phone charger
- No hassle charging/connecting
- Charge indicator
- Including USB-C cable
- Shock resistant
- ABS housing
- 360° integrated swivel hook
- COB + SMD



SIN-100.2035-SERIE

€ 56,00



(SIN-100.2035-O)

+

Complete single pack

Charging pad single
(SIN-100.2035-4)



+

SIN-100.2035P1

€ 97,70

Charger
(SIN-100.1002A)



(SIN-100.2035-B/-Y)

+

+

Complete double pack

Charging pad double
(SIN-100.2035-6)



+

SIN-100.2035P2

€ 161,25

Charger
(SIN-100.1002A)



Rechargeable work lamp with laser pointer

SIN-100.1045

- Brightness: 150 Lumen
- Brightness spot: 80 Lumen
- 3.7 V 1.1 Ah Li-Ion battery provides 3.5 hours constant light output
- Charging time: 2.5 hours
- IP54
- IK07
- Colour temperature: 6500 K
- Size: 160x51x33 mm
- Weight: 0.18 kg
- Laser pointer: Klasse II
- COB + CREE



Integrated laser pointer



SIN-100.1045

€ 44,50

Rechargeable aluminium flashlight

SIN-100.2030

- Brightness: 200/800 lumen and strobe
- 3.7 V 2.6 Ah Li-Ion battery provides 3 hours constant light output
- Charging time: 4 - 5 hours
- IP54
- IK07
- Colour temperature: 6250 K
- Size: ø37xø31.8x155 mm
- Weight: 0.163 kg
- Professional rechargeable flashlight with CREE technology
- Cordless design improves safety, convenience and flexibility
- Lamp use is not affected by cold temperatures
- Robust, shock resistant aluminium housing
- Strobe function
- Focus function
- Powerbank function
- Strong magnet: 30 N
- Micro USB cable
- CREE

100 meter ultra light beam



SIN-100.2030

€ 59,90

Rechargeable UV work lamp

SIN-100.1030

- UV light: 390 - 405 nm
- 3.7 V 2.6 Ah Li-Ion battery provides 4.5 hours constant light output
- Charging time: 4 hours
- IP65
- IK07
- Size: 190x56x29 mm
- Weight: 0.31 kg
- Strong ABS housing
- Magnet and pocket clip
- Hanging hook
- Charge indicator
- USB-charging cradle + charger
- SMD

Ideal for - UV inspection
- Coolant leakage
- Cracks in metal/construction
- Dry UV paint

UV detection



SIN-100.1030

€ 55,00

Rechargeable work lamp

SIN-100.2040

- Brightness: 110/220/500 Lumen
- Brightness spot: 150 Lumen
- 3.7 V 2.6 Ah Li-Ion battery provides 1.5 - 7 hours constant light output
- Charging time: 4 hours
- IP65
- IK07
- Colour temperature: 4500 K
- Size: 59x41.5x230 mm
- Weight: 0.38 kg
- 50° light spread
- Robust, shock resistant housing
- 360° integrated swivel hook
- 180° forward/backward swivel
- True view
- Battery indicator
- Micro USB cable + charger
- COB + SMD

Spot 150 Lumen

Natural daylight



SIN-100.2040

€ 49,90

Best buy

Universal magnetic workshop lamp

SIN-100.2100



Easy to install

- Brightness: 700 Lumen
- IP30
- IK06
- Colour temperature: 6100 K
- Size: 50x3 cm
- Weight: 0.27 kg
- 120° light spread
- Aluminium design
- Non-blinding work lamp
- Ideal for: workshop, lifting bay, vans, production lines
- Strong integrated magnets
- SMD

SIN-100.2100

€ 32,00

Extention cable for universal workshop lighting

SIN-100.2115



- Length: 50 cm

SIN-100.2115

€ 6,75

Power supply for universal workshop lighting

SIN-100.2105



- 230V
- For SIN-100.2100

SIN-100.2105

€ 20,75

Remote control for universal workshop lighting

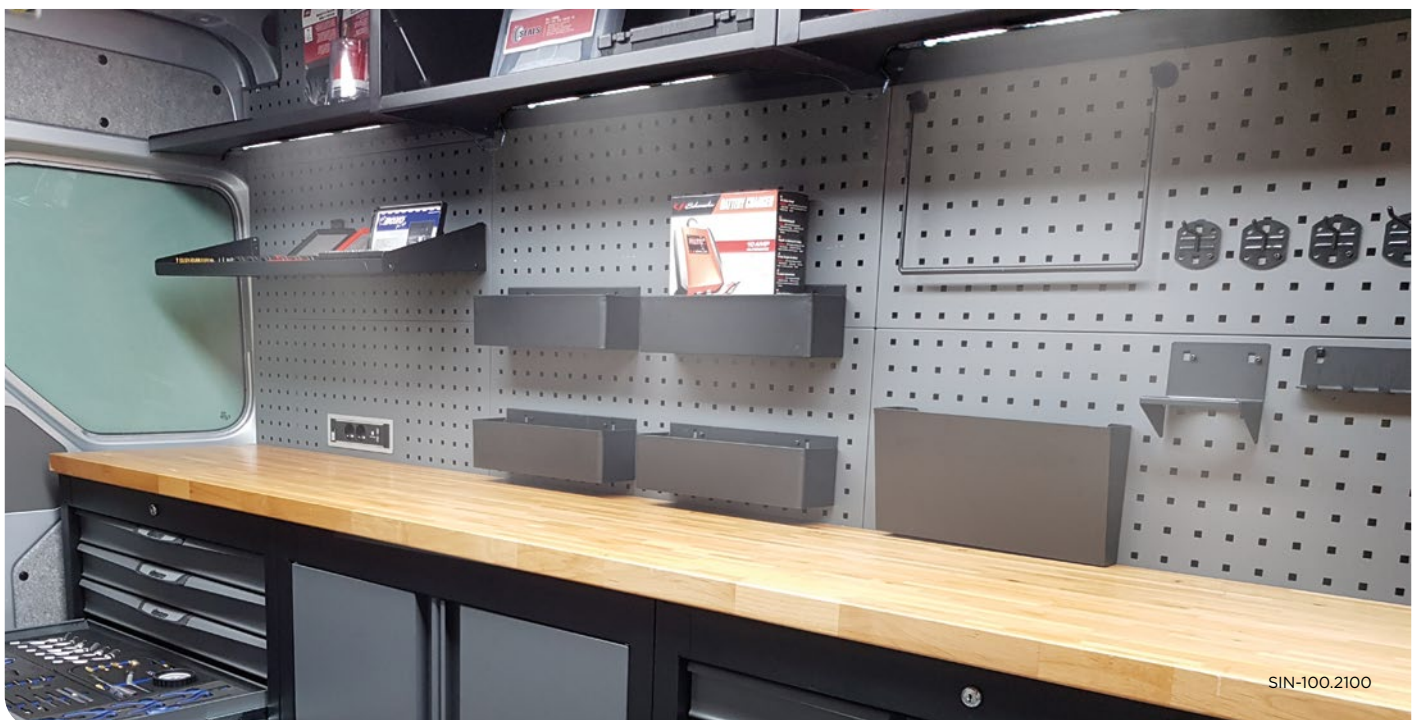
SIN-100.2110



- For SIN-100.2100

SIN-100.2110

€ 37,00



SIN-100.2100

Rechargeable hands-free neck lamp

SIN-100.2165

- Brightness: 15 - 300 Lumen
- 3.7 V 2.0 Ah Li-Ion battery provides 5 - 10 hours constant light output
- Charging time: 4 hours
- IP42
- IK07
- Colour temperature: 6500K
- Size: 185x145x45 mm
- Weight: 0.23 kg
- Hands free
- Strong integrated magnets
- SMD

High wearing comfort due to optimised weight balance



SIN-100.2165

€ 38,50

Head lamp with sensor

SIN-100.2010

- Brightness: 200 Lumen
- 3.7 V 2.2 Ah Li-Ion battery provides 4 hours constant light output
- Charging time: 5 hours
- IP54
- IK07
- Colour temperature: 6000K
- Size: 77x30x40 mm
- Weight: 0.060 kg
- With motion sensor - allows hands to operate the light
- Robust, shock resistant housing
- Adjustable head strap
- Adjustable lamp tilts 180°
- Wide beam distribution lens
- Strobe function
- COB

Motion sensor

Lightweight



SIN-100.2010

€ 26,50

Rechargeable flood light

SIN-100.1075

- Brightness: 500 or 1100 Lumen
- 3.7 V 4.4 Ah Li-Ion battery provides 3 - 6 hours constant light output
- Charging time: 4.5 hours
- IP68
- IK09
- Colour temperature: 5700K
- Size: 150x101x42 mm
- Weight: 0.405 kg
- Integrated magnets, 180° swivel base
- M8 hole to support with tripod
- Shock resistant ABS housing
- Robust
- USB-C cable + charger
- Battery indicator
- COB

IP68 waterproof



SIN-100.1075

€ 74,95

Rechargeable mini flood light

SIN-100.2175

- Brightness: 300/600/900/1500 Lumen
- 3.7 V 8 Ah Li-Ion battery provides 3 - 12 hours constant light output
- Charging time: 6 hours
- IP54
- IK07
- Colour temperature: 2700/3500/4500/6500 K adjustable
- Size: 128x99.5x46 mm
- Weight: 0.483 kg
- 4 brightness settings
- Strong integrated magnets
- Powerbank function
- 360° integrated swivel hooks
- M8 hole to support with tripod
- COB

Adjustable colour temperature



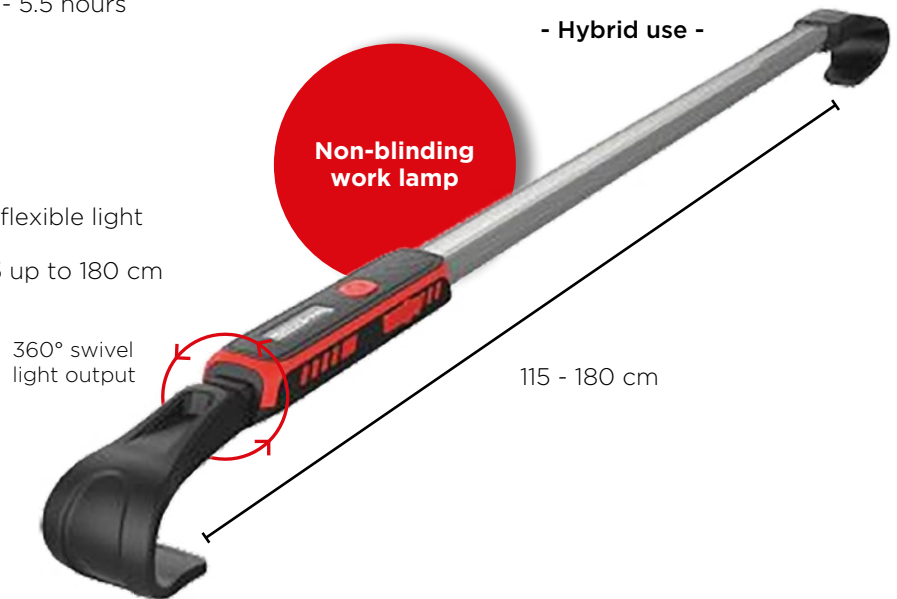
SIN-100.2175

€ 74,50

Rechargeable under bonnet lamp

SIN-100.1019

- Brightness: 700 or 1500 Lumen
- 3.7 V, 4.4 Ah Li-Ion battery provides 2.5 - 5.5 hours constant light output
- Charging time: 2.5 hours
- IP65
- IK08
- Colour temperature: 6100 K
- Size: 1153x67x86 mm
- Weight: 0.805 kg
- Dual 360° soft padded swivel hooks for flexible light positioning
- Extendable for application's between 115 up to 180 cm
- Can be used while charging
- Broad 120° light spread
- Low power consumption
- Low heat emission
- Battery indicator
- SMD



SIN-100.1019

€ 114,00



Rechargeable flood light

SIN-100.2085

- Brightness: 1000 or 2000 Lumen
- 3.7 V 8 Ah Li-Ion battery provides 2.5 - 6 hours constant light output
- Charging time: 6 hours
- IP65
- IK08
- Colour temperature: 6000 K
- Size: 208x204x52 mm
- Weight: 0.67 kg
- 110 - 120° swivel base
- M8 Hole size for connecting to crossbar or tripod
- Non-blinding work lamp
- Robust and shock resistant
- ABS housing
- Battery indicator for easy monitoring
- USB-C cable
- Powerbank function
- SMD

Robust



SIN-100.2085

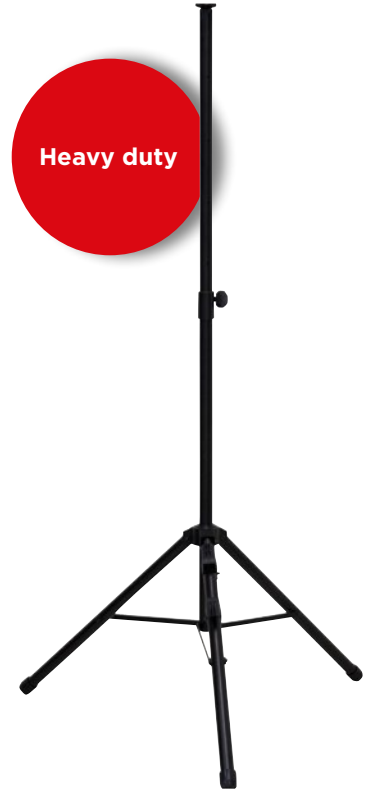
€ 64,00

Tripod

SIN-100.2130

- For use with SIN-100.1075, SIN-100.2175 and SIN-100.2085
- Easy to use
- Height: 110 - 200 cm

Heavy duty



SIN-100.2130

€ 53,50

Crossbar for connecting to tripod, can hold 3 flood lights

SIN-100.2135

- 2 sided
- With different fixing positions



SIN-100.2135

€ 24,50

Rechargeable hybrid twin head flood light, including tripod

SIN-100.2185

- Brightness: 500/1500/5000 Lumen
- 7.4 V 4 Ah Li-Ion battery provides 1 - 5 hours constant light output
- Charging time: 6 hours
- IP54
- IK07
- Colour temperature: 4000 or 7000 K
- Size: 120x120x890 mm
- Weight: 4.5 kg
- Hydrocarbon and UV resistant
- Hybrid use
- SMD



Easy to go



SIN-100.2185

€ 215,00

Powerhand lighting: the right light for every situation

INSPECTION LAMPS

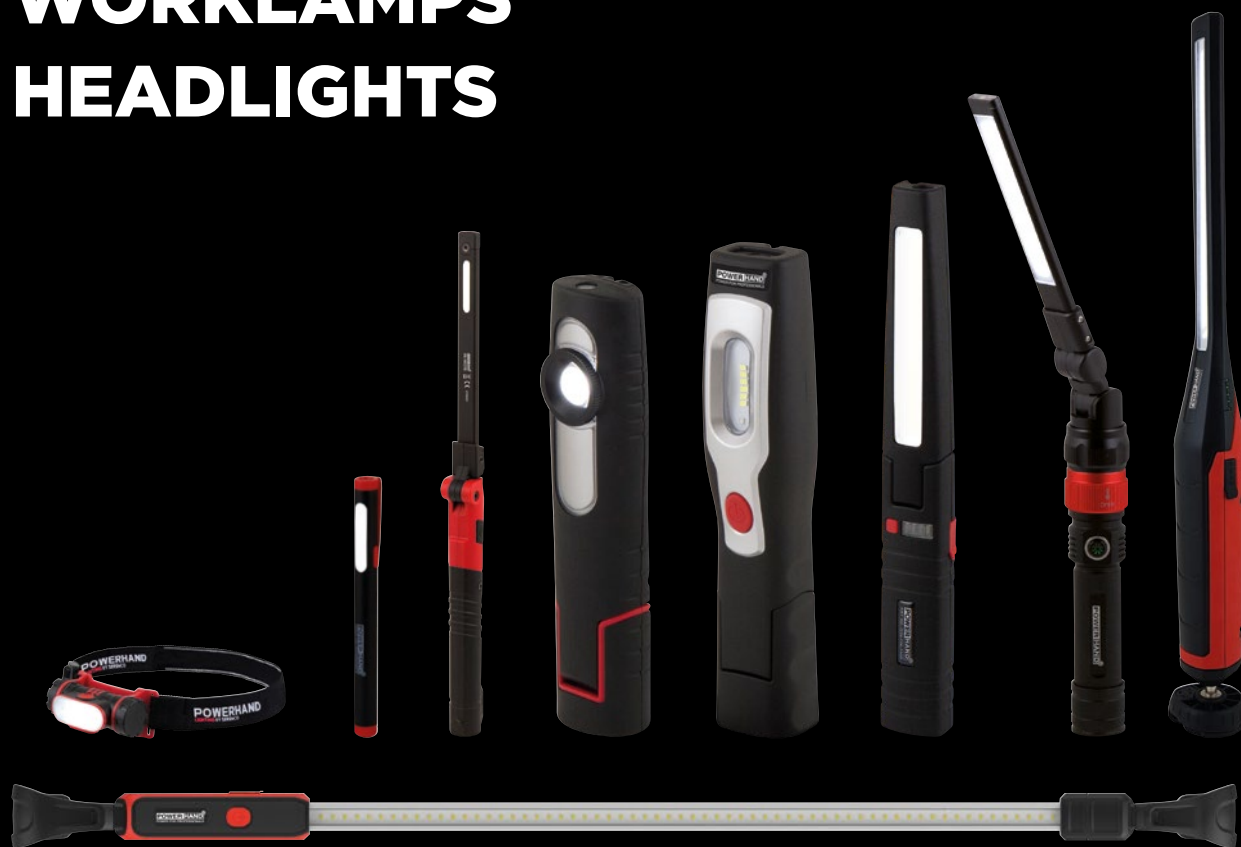
SPECIAL LAMPS

COLOURMATCH

FLOODLIGHTS

WORKLAMPS

HEADLIGHTS



SERENCO

SERIOUS TOOLS SERIOUS RESULTS

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