

MICA IL SERIES

MICA STRONGEST IN THE MARKET

"Quality and Innovative Fire and Rescue Equipment"



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MICA IL series -when second best is not an option!

The extremely robust IL-series handlamps are acknowledged as the leading product in the market in terms of durability, reliability and technology. The super tough nylon body is basically unbreakable and it also boasts a special hardened glass lens. With the wide selection of battery types, different light sources and other special functions, it is easy to combine a perfect MICA set to all applications. The IL series is developed together with professional users around the world, and it will not let you down when you need it most.



MICA offers a wide range of ATEX / IECEx -certified safety lamps from pocket-sized torches to lanterns and helmetlamps. The most hazardous ZONE 0 areas are also covered by rechargeable MICA lights. MICA Ex-lamps are extremely powerful with a long operating time. Certificates from: TÜV, VTT, Inmetro and Gost-Ex.



See all colours with MICA CRI-90+ LEDs!

Colour rendering indicates how a light source makes colour appear to human eyes and how well slight variations in colour shades are revealed. The CRI scale indicates how accurate a light source is at rendering colour when compared to daylight. MICA CRI-90+ models have a minimum of CRI-90, which is considered to be excellent for tasks requiring accurate colour discrimination.



Handlamps with EM function

Emergency lighting is often forgotten until an accident happens. During a power failure, a MICA lamp with EM function will light up and provide light for the area in front of it. The lamp automatically turns off when returned to the charger and/or the power returns. In addition to this special function, MICA EM lights can be used normally as a professional flashlight.



MICA IL-6000 GT
The true light cannon with extra boost power mode.
Product number:
NiMH battery model 13750
NiCd battery model 13760

Dimensions:
215 x 120 x 120.
Weight:
1600 grams

Lumens: High 700 Lumen
With super boost +50% !
Low 120 Lumens
Light source:
3 x Ultra-bright LED

Battery Duration with
NiMH Battery:
•High power 5 Hours
•Low power 24 Hours

Ingress Protection:
IP 66
Other colours:
Black and MIL green

Boost power stays on for
as long the switch is held
down. Large aluminum
ring helps to cool extra
heat.

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.
Special versions:
EM, CRI-90+



MICA IL-600
The extremely robust all-round lamp with three ultra-bright LED.
Product number: NiMH
battery model 13700
NiCd battery model 13710

Dimensions:
215 x 120 x 120
Weight:
1400 grams

Lumens:
High 500 Lumens
Low 120 Lumens
Light source:
3 x Ultra-bright LED

Battery Duration with
NiMH Battery:
•High power 8 Hours
•Low power 24 Hours

Ingress Protection:
IP 66/67
Other colours:
Black and MIL green

Wide range of different
accessories.

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.
Special versions:
EM, CRI-90+



MICA IL-60 LED
The new version of IL-60
with LED-power and long
operating time.
Product number:
NiMH battery model 11400
NiCd battery model 11401

Dimensions:
215 x 120 x 120
Weight:
1400 grams

Lumens:
High 120 Lumens
Low 60 Lumens
Light source:
Ultra-bright LED

Battery Duration with
NiMH Battery:
•High power 24 Hours
•Low power 48 Hours

Ingress Protection:
IP 66/67
Other colours:
Black and MIL green

Wide range of different
reflectors and other
accessories.

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.
Special versions:
EM



MICA IL-60 Halogen
Hundreds off thousands
IL-60 Halogen lamps are in
use daily around the world.
Product number:
NiMH battery model 11281
NiCd battery model 11240

Dimensions:
215 x 120 x 120
Weight:
1400 grams

Lumens:
Up to 550 Lumens
Light source: 6W, 10W,
20W or 30W Halogen

Battery Duration with
NiMH Battery & 10W bulb:
•High power 5 Hours
•Low power 8 Hours

Ingress Protection:
IP 66/67
Other colours:
Black and red

Wide range of different
bulbs, reflectors and
Infra-Red and UV-lenses
and other accessories.

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.
Special versions:
EM



MICA IL-61
Special signalling lamp for
railway use.
Product number:
NiMH battery model 11342

Dimensions:
215 x 120 x 120
Weight:
1400 grams

Lumens:
120 Lumens
Light source:
6W Halogen and
12 red power LED

Battery Duration with
NiMH Battery & 6W bulb:
•High power 8 Hours
•Low power 12 Hours

Ingress Protection:
IP 65
Other colours:
Red

Normal or square light
beam.
Red signalling light-unit
operated by a separate
switch.

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.

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Details and Accessories



MICA lamps are designed and manufactured in Finland by Mica Elektro Oy Ltd



MICA IL-60 SRC
Powerful searchlight for sea rescue use.

Product number:
NiCd battery model 11249

Dimensions:
215 x 120 x 120

Weight:
1400 grams

Lumens:
Up to 550 Lumens
Light source: 6W,
10W, 20W or 30W
Halogen

Battery Duration with
NiMH Battery & 10W bulb:
•High power 5 Hours
•Low power 8 Hours

Ingress Protection:
IP 66/67

Floats when dropped in
water. EM function as a
standard.

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.

MICA IL-60 MIL
The extremely robust
handlamp for military,
police & border control use.

Product number:
NiMH battery model 11280
NiCd battery model 11287

Dimensions:
215 x 120 x 120

Weight:
1400 grams

Lumens:
Up to 550 Lumens
Light source:
20W Halogen

Battery Duration with
NiMH Battery:
•High power 2 h 30min
•Half power 4 hours

Ingress Protection:
IP 66/67

IL-60 MIL Equipped with
special infra-red filter
(850nm).
NiMH battery 11285_1
NiCd battery 11285

Chargers:
MICA ILC-3 and MICA CR
multi-station chargers.

MICA IL-800 ZONE 0
ATEX / IECEx / GOST
safety lamp with three
ultra-bright LEDs

Product number:
13800

Dimensions:
215 x 120 x 120

Weight:
1100 grams

Lumens:
High 200 Lumens
Low 80 Lumens
Light source:
3 x Ultra-bright LED

Battery Duration with
NiMH Battery:
•High power 6 hours
•Low power 12 hours

Type of Protection:
II 1G Ex ia IIC T4 Ga
II 2D Ex tb IIIC 100°C
IP67 Db

Certification
ATEX:
TUV 10 ATEX 7878
IECEx:
IECEx TUR 11.0008

Gas Zones: 0, 1 and 2
Dust Zones: 21 and 22

Chargers:
MICA ILC-4 and MICA CR
multi-station chargers.

Special versions:
EM, CRI-90+, Blink

MICA IL-800 ZONE 1
ATEX / IECEx / GOST
safety lamps with three
ultra-bright LEDs

Product number:
13810

Dimensions:
215 x 120 x 120

Weight:
1100 grams

Lumens:
High 200 Lumens
Low 80 Lumens
Light source:
3 x Ultra-bright LED

Battery Duration with
NiMH Battery:
•High power 6 hours
•Low power 12 hours

Type of Protection:
II 2G Ex ib IIC T4 Gb
II 2D Ex tb IIIC 100°C
IP67 Db

Certification
ATEX:
TUV 10 ATEX 7879
IECEx:
IECEx TUR 11.0009

Gas Zones: 1 and 2
Dust Zones: 21 and 22

Chargers:
MICA ILC-4 and MICA CR
multi-station chargers.

Special versions:
EM, CRI-90+, Blink

MICA IL-80 ATEX LED
ATEX / GOST certified
safety lamp with one
ultra-bright LED.

Product numbers:
ATEX model 11180_1
GOST model 11195_1

Dimensions:
215 x 120 x 120

Weight:
1100 grams

Lumens:
High 60 Lumens
Low 30 Lumens
Light source:
Ultra-bright LED

Battery Duration with
NiMH Battery:
•High power 10h 30min
•Low power 21 hours

Type of Protection:
II 2 G D Ex eib IIC T4

Certification
ATEX:
VTT 03 ATEX 027X

Gas Zones: 1 and 2
Dust Zones: 21 and 22

Ingress Protection:
IP 66

Chargers:
MICA ILC-4 and MICA CR
multi-station chargers.

Special versions:
EM

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Intelligent MICA chargers for IL-lamps

MICA ILC-VAC & ILC chargers keep the lamp ready for use and will not overcharge the battery. The aluminum construction and tight fit will keep the lamp secure in rough conditions. Lamps can be stored in their chargers.

MICA VAC chargers are fed directly from the mains (85...264VAC). Other models can be connected directly into a vehicle battery (12...24VDC) or to the mains with an IL-2 adapter. The MICA charger range also includes VAC/VDC chargers that can be fed from a vehicle battery and/or the mains and it changes input automatically.

With multi-station MICA CR charger racks, you can fit your lamp/battery charger bay into a more compact space with minimum installation time. Ask for further information about other MICA Charging systems!



- mica -
- elektro -



Bright tools for professionals since 1983

MICA lamps are designed and manufactured in Finland by Mica Elektro Oy Ltd. The company is one of the leading rechargeable light manufacturers in Europe. Every day hundreds of thousands MICA flashlights are used by top professionals around the world. Only the best quality components that meet European standards are approved for use in MICA products. Production quality is guaranteed by our ISO 9001:2008 certificate.



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