

**SEE BETTER.
WORK BETTER.**

**A
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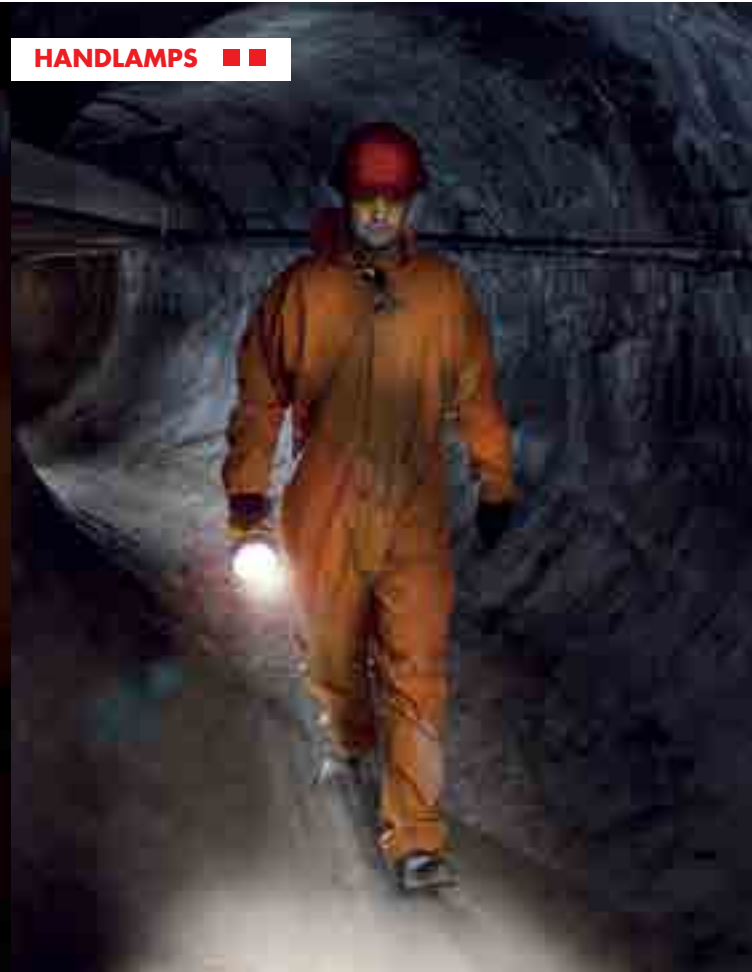
SLAM[®] | MICA[®] | SLAM FIXED[®]



PORTABLE LIGHTING ■ ■ ■



HANDLAMPS ■ ■



ATEXOR OY. YOUR -LIGHTING PARTNER.

**DECADES OF EX EXPERIENCE ARE IN EVERY ATEXOR PRODUCT,
TESTED TOUGH TO WITHSTAND THE HARSHTEST CONDITIONS**

The right lighting makes all the difference. Get it wrong, and jobs can easily be slowed or worse, get dangerous, especially in Explosion Hazardous Areas and confined spaces.

For over 35 years, we at Atexor have worked hard to ensure customers get the best lighting solution possible. Be it a refinery, oil tank, drill ship, FPSO, petrochemical complex – you name it, we can create the ideal lighting solution.

Our portfolio is second to none, from fixed luminaires to portable work lights, floodlights and power distribution systems, or just a good-old rugged flashlight.

All our products are designed and manufactured in Finland. Reliability, high quality and our commitment to solving challenges on demanding time schedules are why customers around the world choose Atexor.

Atexor Oy is part of Finnish Teknopower Group, a family-owned corporation encompassing Atexor, Teknoware and FLS Finland, with locations in Finland, Sweden, Russia, Germany, UK, Poland, UAE, India, Malaysia and USA.

ATEXOR Oy prepared this information herein in good faith but makes no representation as to its comprehensiveness or accuracy. ATEXOR Oy reserves the right to make changes to specifications and product descriptions at any time without notice. 4-2021.



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GOING BEYOND EX-CERTIFICATION

ATEX/IECEx -certification is just the beginning at Atexor. With an ISO 9001 quality system and ATEX certified production, every feature, function and solution is the result of world-class design and engineering proven through end-to-end testing. Atexor products are more than just basic Ex-lights.

SafeEye®

The raw light from powerful LEDs is blinding and painful. Our SafeEye® diffuser ensures SLAM® work lights are safe and easy on workers' eyes by spreading the light beam without significantly reducing lumens.

PHOTOBIOLOGICAL SAFETY

High intensity light sources can be harmful to both skin and eyes through ultraviolet, Blue Hazard Light and infrared emissions. Most white LEDs use blue emitting LED die so some portion of the total output as blue light. With Atexor, you can trust that our LEDs are tested for Photobiological Safety according to EU Directive 2006/25/EC – artificial optical radiation.

EM-Function By Atexor

Working in EX areas is challenging. A power failure turns that challenge into danger. We designed our EM-Function battery backup solution specifically to address this risk. Work lights with a backup battery provide peace of mind, and lighting for safe exit in an emergency. Both SLAM® and MICA® series products include EM-Function options.

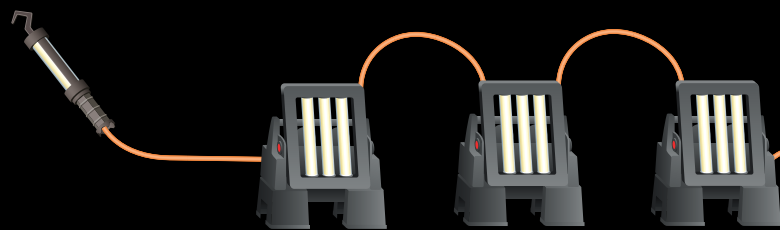
OPTICAL RADIATION

High-powered LEDs are comparable to a laser. Extremely intense and concentrated, they could easily ignite small airborne particles, for instance. This is why we have the optical radiation inherently safe, or 'op is,' industrial standard IEC/EN 60079-28.

All SLAM® LED work lights are op is rated, yet still provide maximum, safe lumens. Often overlooked in testing and certifications, Atexor covers op is in our certifications and typically mark our products with "op is" for easy verification of optical radiation safety.

SLAM® SEMIC SP

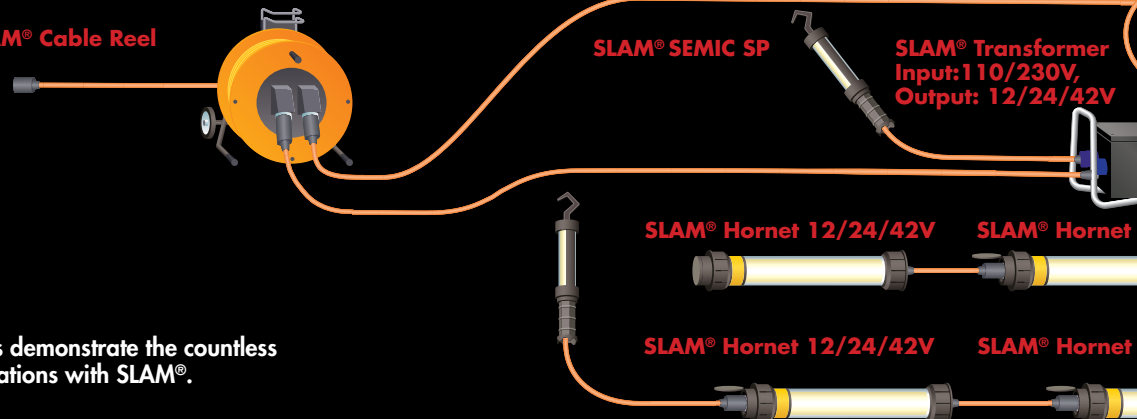
SLAM® Star 110/230V



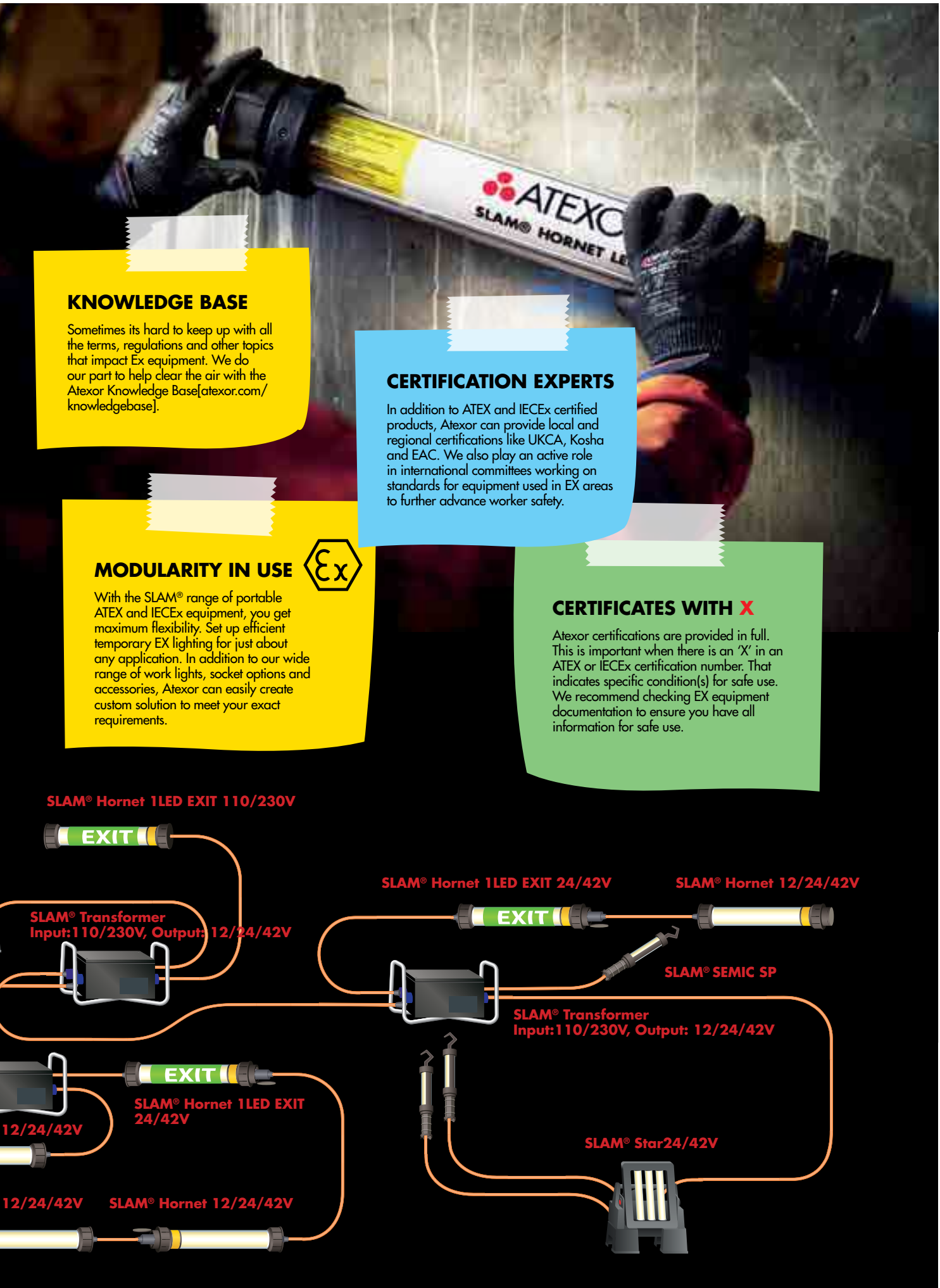
110V/230V SLAM® Cable Reel

SLAM® SEMIC SP

SLAM® Transformer
Input: 110/230V,
Output: 12/24/42V



These illustrations demonstrate the countless possible configurations with SLAM®.



KNOWLEDGE BASE

Sometimes its hard to keep up with all the terms, regulations and other topics that impact Ex equipment. We do our part to help clear the air with the Atexor Knowledge Base[atexor.com/knowledgebase].

CERTIFICATION EXPERTS

In addition to ATEX and IECEx certified products, Atexor can provide local and regional certifications like UKCA, Kosha and EAC. We also play an active role in international committees working on standards for equipment used in EX areas to further advance worker safety.

MODULARITY IN USE



With the SLAM® range of portable ATEX and IECEx equipment, you get maximum flexibility. Set up efficient temporary EX lighting for just about any application. In addition to our wide range of work lights, socket options and accessories, Atexor can easily create custom solution to meet your exact requirements.

CERTIFICATES WITH X

Atexor certifications are provided in full. This is important when there is an 'X' in an ATEX or IECEx certification number. That indicates specific condition(s) for safe use. We recommend checking EX equipment documentation to ensure you have all information for safe use.

SLAM® Hornet 1LED EXIT 110/230V

SLAM® Hornet 1LED EXIT 24/42V

SLAM® Hornet 12/24/42V

SLAM® Transformer
Input:110/230V, Output: 12/24/42V

SLAM® SEMIC SP

SLAM® Transformer
Input:110/230V, Output: 12/24/42V

12/24/42V

SLAM® Hornet 1LED EXIT
24/42V

SLAM® Star24/42V

12/24/42V

SLAM® Hornet 12/24/42V

EX LIGHTING KITS FOR TANKS & VESSELS

SAFETY WITH LOW-VOLTAGE.

Take advantage of pre-configured, specially designed SLAM® sets. Each is a complete, ATEX-certified portable lighting solution right out of the box. If you need adjustments, no problem! We can easily customize any set to meet your exact requirements. Add optional Ex-certified extension cables and reels to increase flexibility.

SLAM® Linear Tank Set

- 24 VAC STEP-DOWN TRANSFORMER
- 3X LINEAR 2LED WORK LIGHTS
- EXIT LIGHT W/BATTERY • 8X BRACKETS & STRAPS



SLAM® Link-Up Tank Set

- 42 VAC STEP-DOWN TRANSFORMER
- 4X 2LED WORK LIGHTS • EXIT LIGHT W/BATTERY • 10X BRACKETS & STRAPS
- ALSO 24V AVAILABLE

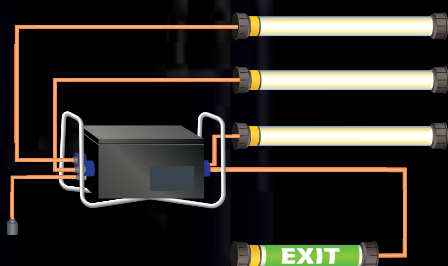


SLAM® EM Tank Set

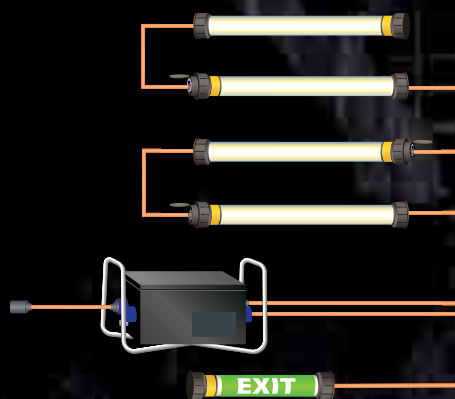
- 24 VAC STEP-DOWN TRANSFORMER
- 3X LED WORK LIGHTS (EM) • EXIT LIGHT W/BATTERY • 8X BRACKETS & STRAPS



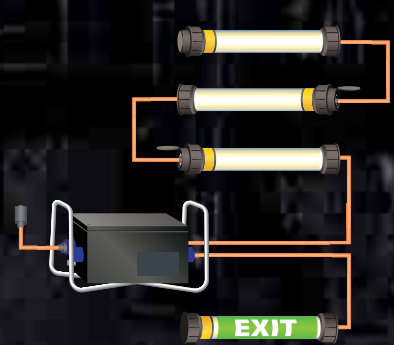
SLAM LINEAR TANK SET



SLAM LINK-UP TANK SET



SLAM EM TANK SET



SLAM® Star Tank Set

- 24 VAC STEP-DOWN TRANSFORMER
- 3X LED FLOOD LIGHTS • EXIT LIGHT W/BATTERY • 2X BRACKETS & STRAPS



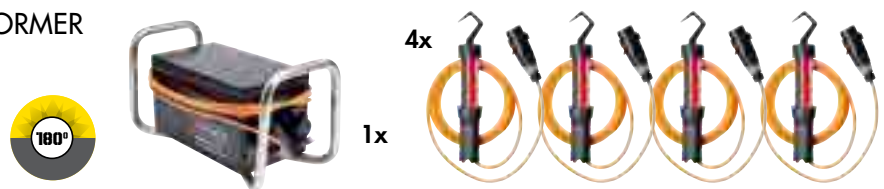
SLAM® TANK SET with SEMIC Inspection Lights

- 24 VAC STEP-DOWN TRANSFORMER
- 3 X LINEAR 2LED WORK LIGHTS • EXIT LIGHT W/BATTERY • 3 X SEMIC SP WORK LIGHTS • 8 X BRACKETS & STRAPS



SLAM® INSPECTION Set

- 24 VAC STEP-DOWN TRANSFORMER
- 4 X SEMIC SP WORK LIGHTS



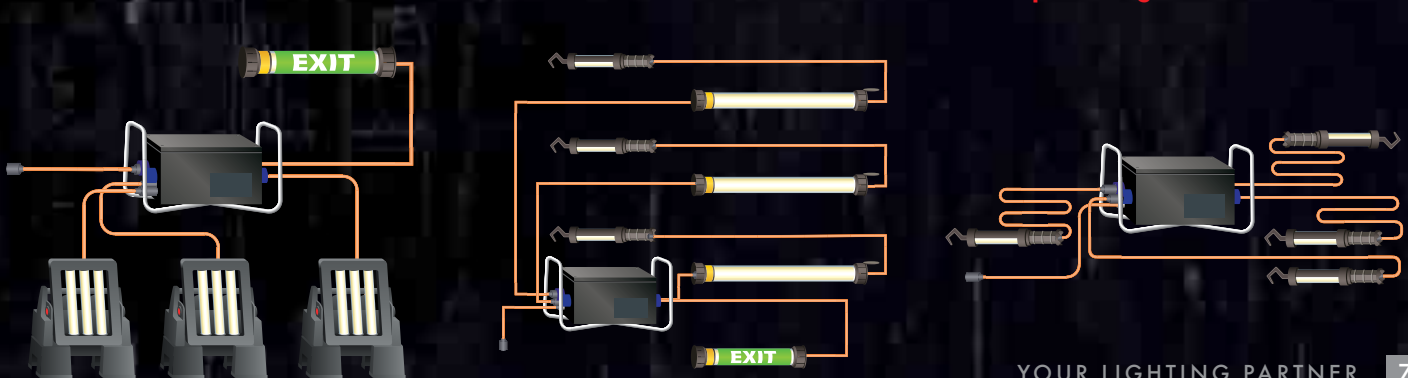
EX-CERTIFIED CABLE REELS AND EXTENSION CABLES AVAILABLE SEPARATELY (see pg. 19)



SLAM STAR TANK SET

SEMIC INSPECTION SET

SLAM® TANK SET with SEMIC Inspection Lights



SLAM

STAR PORTABLE EX-FLOODLIGHT

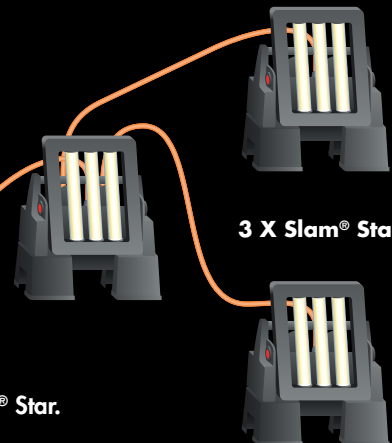
**SAFE LIGHT!
OP IS IN
CONTROL**



110/230V



TrafoEx



3 X Slam® Star

With two built-in sockets, significantly simplify cabling with SLAM® Star.

SLAM® Star

- ATEX & IECEX CERTIFICATION FOR ZONES 1 & 2
- INGRESS PROTECTION IP66 AND TEMP CLASS T4
- LONG-LIFE, POWERFUL LEDs (50 000 HOURS)
- CERTIFIED AS PORTABLE EX-EQUIPMENT SAFE TO MOVE, EVEN WHILE POWERED • FULLY ANTISTATIC
- AVAILABLE WITH STRONG MAGNETS • SERVICE FRIENDLY CONSTRUCTION



We engineered the Atexor SLAM® STAR Portable Floodlight to ensure its surface temperatures remains very low during operation. The ultra-bright LEDs emit 5,400 tested lumens of clean, white light (4000K), while generating hardly any heat.

With a 25° step-less adjustment, you can aim the light just as you need. You can also move the floodlight around at any time. There's no need to disconnect the power supply!

We have carefully selected the materials for this ATEX certified floodlight to eliminate the risk of sparks. Everything is dissipative, so there is no buildup of static charge. The double-shell construction means you can work worry-free. This floodlight is ready for tough use and abuse.

Each long-life, powerful LED set (50,000 hours) is controlled by an independent, isolated electronics unit. If one fails, the others stay lit. Our electronics layout also further improves on the already low maintenance: each unit can be individually replaced.

With an option for 0-2 Ex-socket sockets, the Star can be used as a splitter to link additional lights. The sockets also feature our new patented design for quick and easy cable or socket repairs.

Use our sturdy magnets to mount the STAR floodlight to steel walls and structures and easily keep the floodlight free of dirt and grime with our replaceable protective films.

EXTRA SAFETY FEATURE.
EACH LED UNIT IS CONTROLLED BY
INDEPENDENT ELECTRONICS.
IF ONE FAILS, OTHER TWO STAY LIT!



TECHNICAL DATA	Star (3LED)
Code	SS3LED
Certification	II2 G Ex eb mb op is IIC T4 Gb
Ingress protection	IP66
Operating temperature	-20°C ... +40°C
Supply voltage	100 - 250 VAC/DC, 0/50/60Hz or 20 - 50 VAC/DC, 0/50/60Hz
Luminous flux (measured)	5412 lm
Light emitted at source	Approx. 7400 lm
Dimensions	412 x 356 x 492 mm
Weight	10,5 kg
Variables	A = Cable in. C = Cable in, one or two sockets out.



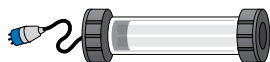
**COST SAVINGS
& EXTREME
PERFORMANCE
WITH LED-
TECHNOLOGY.**

✓ SafeEye® ✓ OP IS
APPROVED

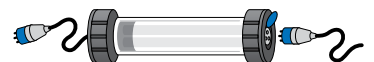
VARIABLES

SLAM® LIGHTS COME WITH TWO OPTIONS FOR SUPPLYING POWER

A Single male connection on end of power cable to power supply.



C Has an EX-approved socket on the other end of the light. This allows linking in EX-hazardous area.



SLAM® Hornet 1LED, SLAM® Hornet 2LED, SLAM® Hornet Linear 2LED, 1LED 12V

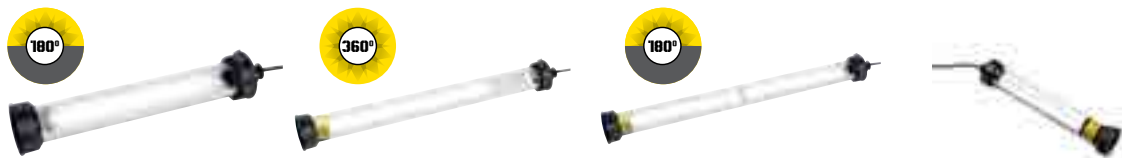
- EX-CERTIFIED FOR ZONES 1 AND 21
- TEMPERATURE CLASS T4 • LINKABLE IN SERIES
- ATEXOR SAFEYE® LED TECHNOLOGY • SELECT FROM A WIDE RANGE OF SPECIALLY DESIGNED FIXINGS • EXTREMELY DURABLE CONSTRUCTION
- EASILY REPLACEABLE ANTI-STATIC FILM
- OPTICAL IRRADIANCE MINIMIZED



The well-known and widely praised SLAM Hornet family has been fully upgraded to use the latest in high-quality LED technology. This adds even further benefits to our already durable, long-lasting Hornets: energy efficiency, longer lifetime and reduced service costs. Thanks to SafeEye®, Atexor LED work lights produce a smooth, non-irritating light.

Using Hornet LEDs in hazardous areas also benefits from an improved T-class, allowing entry various areas with T4 requirements, such as those found in petrochemical refineries.

SLAM Hornet LEDs support a wide range of voltages, including extra-low voltage with the SLAM Hornet 12VLED that can use a power supply as low as 9V.



TECHNICAL DATA	HORNET 1LED	HORNET 2LED	HORNET LINEAR 2LED	HORNET 1LED 12V
Code	SH1LED	SH2LED	SHL2LED	SH1LEDA12
Certification	II 2 G Ex emb op is IIC T4 Gb II 2 D Ex tb op is IIIC T90°C Db IP66	II 2 G Ex emb op is IIC T4 Gb II 2 D Ex tb op is IIIC T90°C Db IP66	II 2 G Ex emb op is IIC T4 Gb II 2 D Ex tb op is IIIC T90°C Db IP66	Ex II 2 G Ex eb mb op is IIC T4 Gb Ex II 2 D Ex tb op is IIIC T90°C Db
Ingress protection	IP66	IP66	IP66	IP66
Operating temperature	-20 to +40 °C	-20 to +40 °C	-20 to +40 °C	-20 °C to +40 °C
Supply voltage	24VAC/DC, 42VAC/DC, 110VAC/DC, 230VAC	24VAC/DC, 42VAC/DC, 110VAC/DC, 230VAC	24VAC/DC, 42VAC/DC, 110VAC/DC, 230VAC	9-15VAC/DC
Frequency	0 Hz (DC), 50 Hz, 60 Hz	0 Hz (DC), 50 Hz, 60 Hz	0 Hz (DC), 50 Hz, 60 Hz	0 Hz (DC), 50 Hz, 60 Hz
Dimensions	535 x 115 mm (A-cable in) 575 x 115 mm (C-cable in, socket out)	865 x 115 mm	1020 x 115 mm	580 x 115 mm
Weight	1.8 kg	3.1 kg	3.4 kg	1.7kg
Variables	A-cable in, C-cable in, socket out	A-cable in, C-cable in, socket out	A-cable in, C-cable in, socket out	A-cable in

**SLAM**

HORNET EM & EXIT 1LED

✓ SafeEye® ✓ OP IS

APPROVED

IMPROVE SAFETY WITH EM FUNCTION

Atexor work lights that feature our EM Function use a backup battery to power a dual-purpose emergency feature. Advanced electronics enable the EM Function to generate strong light when the primary power supply is lost. As an additional safety feature, the EM Function initiates flashing at 15-second intervals to alert workers of the power outage. The heavy-duty battery keeps the work light powered for a solid three hours.

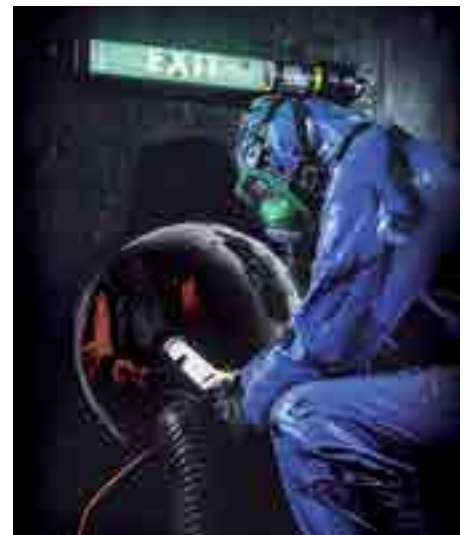
SLAM® Hornet EM & Exit 1Led

- ATEX & IECEX CERTIFIED FOR ZONES 1 AND 21
- STRONG LUMENS WITH SAFEYE® PROTECTION
- T4 TEMPERATURE CLASS
- PORTABLE, MOVE WHILE CONNECTED
- 3-HOUR BATTERY BACKUP
- EXTREMELY ROBUST CONSTRUCTION
- RECHARGEABLE BACKUP BATTERY UNIT
- LIGHT TUBE COVERED WITH EASILY REPLACEABLE ANTI-STATIC FILM
- OPTICAL IRRADIANCE CONSIDERED
- BUILT-IN EX-SOCKETS ENABLE LINKING IN EX-AREA



SLAM® Hornet EM 1LED offer you all the unbeatable Atexor features in one package, including dual purpose EM Function, powerful LED light with SafeEye® and the most rugged construction on the market.

If the main power supply is lost while workers are on the job, the EM function helps them leave the site safely. A flashing light indicates power is out, and our battery ensures workers have up to 3 hours to exit in a safe manner.



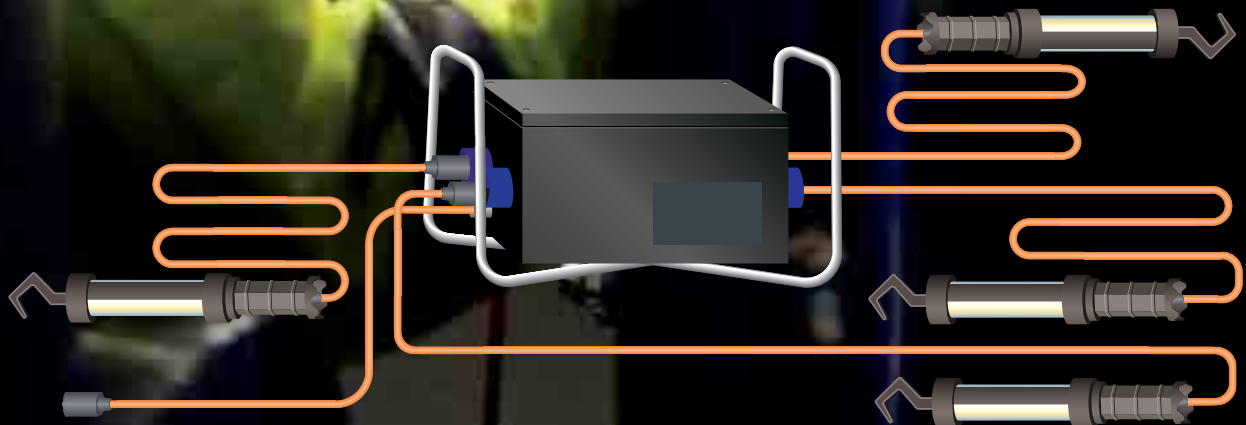
TECHNICAL DATA	HORNET EM 1LED & HORNET EXIT 1LED
Code	SHEM1LED & SHEXIT1LED
Certification	Ex II 2 G Ex eb ib mb op is IIC T4 Gb Ex II 2 D Ex tb op is IIIC T90°C Db
Ingress protection	IP66
Operating temperature	-20°C ... +40°C
Supply voltage	24VAC/VDC – 42VAC/VDC – 110VAC/VDC – 230VAC/VDC
Power consumption	<30W
Battery operational during electricity cuts	Up to three hours
Dimensions	708 mm x 115 mm Ø
Weight	2,9 kg
Variables	A-cable in, C-cable in, socket out

SLAM

SEMIC SP



**SEMIC SP IS PERFECT ADD-ON
TO SLAM® TANK SETS.**



SLAM® SEMIC SP

- ATEX ZONES 1 & 21 • DISSIPATIVE, ANTI-STATIC CONSTRUCTION • UP TO T5 RATING • IP68
- HIGH QUALITY LED WITH CRI85 • TESTED FOR OPTICAL RADIATION (OP IS) • CLAW HOOK WITH SWIVEL • REPLACEABLE PROTECTIVE FILM • PERFECT ADD-ON TO SLAM® TANK SETS
- IECEX VERSION AVAIL. 7/2021



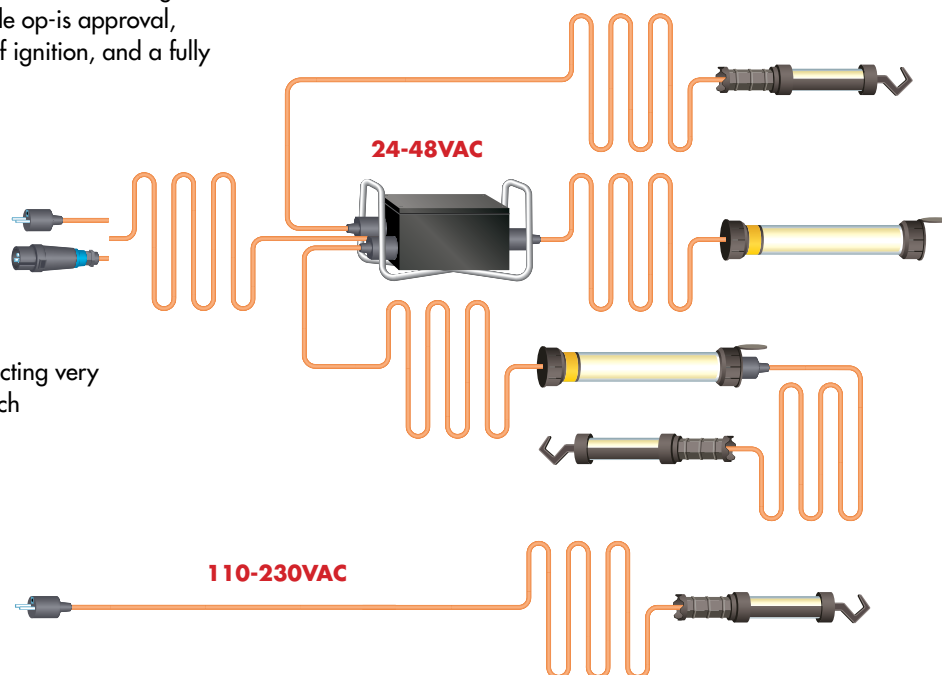
The SEMIC SP is extremely compact and durable ATEX and IECEx portable, hand-held light with an exceptionally long lifespan. Everything is exceptional, from its T5 and IP68 safety ratings to the simple, yet ingenious ergonomic design and swivel hook.

High-quality LEDs with CRI 85 help color detection in tight spaces. The SP safety credentials include op-is approval, ensuring the light cannot be a source of ignition, and a fully encapsulated construction.

The SP comes with a claw-shaped swivel hook and easy-grip handle made from dissipative material, so you can safely and easily hold the light in your hand or hang it from any structure. The small size and soft ends of the SP make it perfect for inspecting very tight spaces and delicate equipment such as fuel tanks.

A solid, compact and extremely durable hand-held work light with swivel hook. Replaceable protective film makes it easy to keep the lights clean and bright.

Atexor supplies SEMIC SP with all major Ex plug types. You can also use the SP as an add-on for SLAM low-voltage lighting sets.



TECHNICAL DATA	SEMIC SP
Code	SSPxxxx
Certification	EESF 20 ATEX 086X
Ingress protection	IP68
Operating temperature	-20°C ... +40°C
Supply voltage	24-48VAC and 110-230VAC
Power consumption	9W
Dimensions	367 mm x 64 mm Ø
Weight	1,2 kg

SLAM PORTABLE EX-TRANSFORMERS

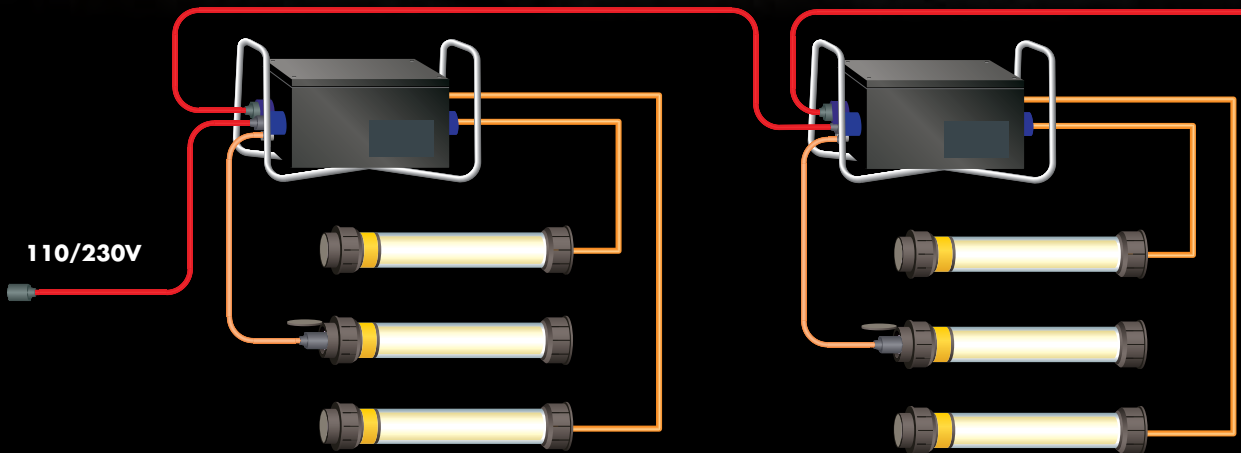
**SAFETY WITH
LOW-VOLTAGE.**



LINKING EXPLAINED

110/230V

110/230V



SLAM® TrafoEx ATEX & IECEx

- ATEX AND IECEx CERTIFIED FOR ZONES 1 AND 21
- EASY TO CARRY AND STACK
- AVAILABLE WITH LINKING OPTION
- 2 AND 4 SOCKET OPTIONS
- FOR TEMPERATURES UP TO +50 °C
- FAST AND EASY SERVICING



Certified using the latest ATEX and IECEx standards, the SLAM TrafoEx step-down transformer easy to use, is easy to maintain and easy to store. The sturdy frame keeps the the transformer box well protected while providing lots of carrying options and secure stacking.

Socket configurations include support for linking transformers, allowing you to use several TrafoEx units in large lighting setups. This is ideal for servicing and maintenance projects where process downtime needs to be minimized.

The TrafoEx was designed with servicing in mind. The unit is extremely easy to work with. A fuse change takes barely one minute. The 2 and 4-socket arrangements include an option for linking transformers. You can set up large low-voltage lighting installations with multiple transformers, cutting process downtime for required maintenance.



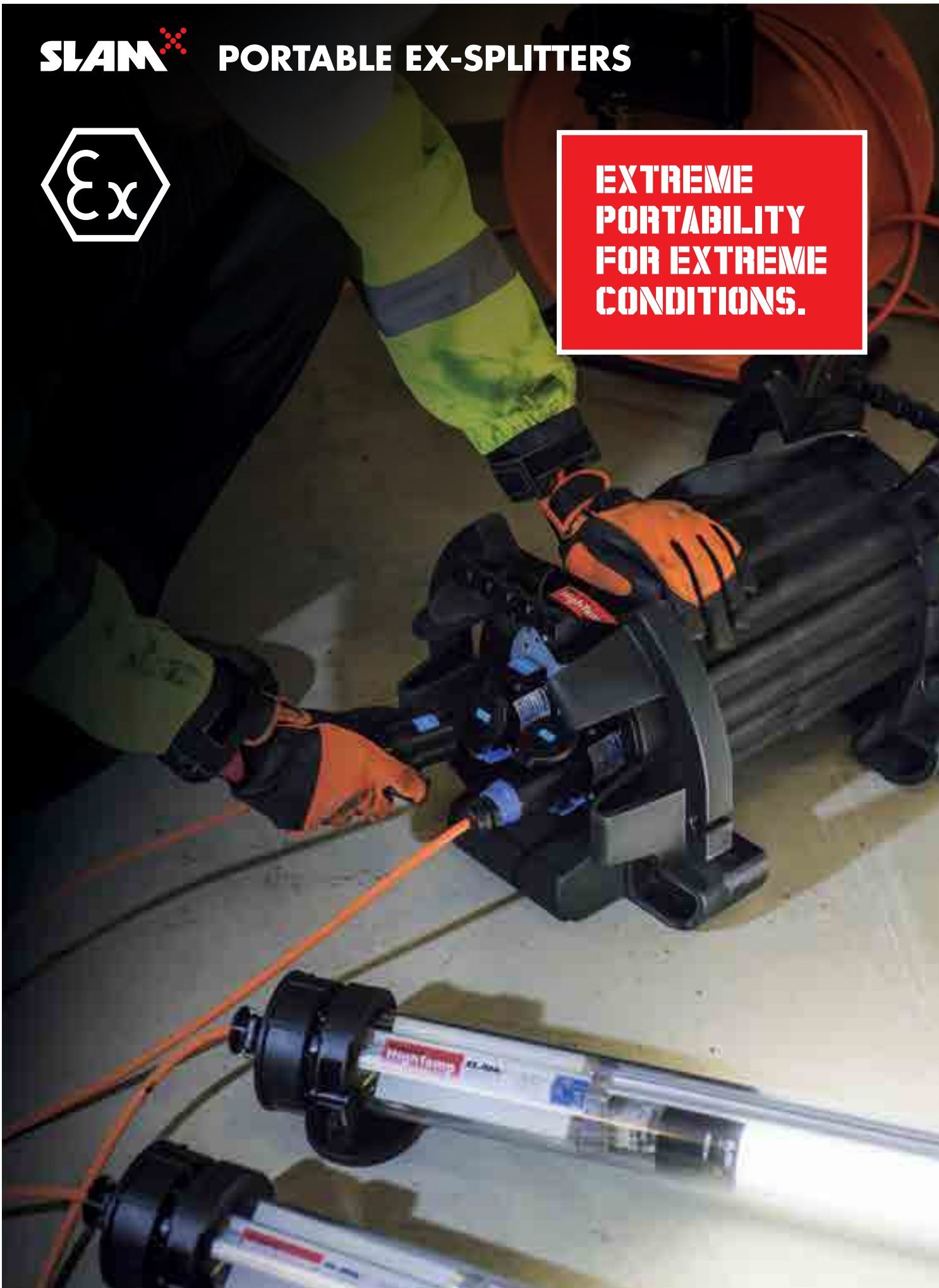
TECHNICAL DATA	TRAFEX ATEX	TRAFEX IECEx
Code	STREX2CA, STREX4CA, STREX31CA	STREX2CA, STREX4CA
Certification (equipment certificate)	II 2G Ex eb IIC T4/T3 Gb II 2D Ex tb IIIC T70°C Db	Ex eb IIC T4/T3 Gb
Ingress protection	IP66	IP66
Operating temperature	-20...+55°C	-20...+55°C
Supply voltages	110VAC, 230VAC	110VAC, 230VAC
Output voltages	12VAC, 24VAC, 42VAC	12VAC, 24VAC, 42VAC
Output current	Max. 16A	Max. 16A
Power	400VA	400VA
Dimensions	585 x 295 x 310 mm	585 x 295 x 310mm
Weight	19 kg including 4x sockets	19 kg including 4x sockets
Surface materials	Aluminium case, stainless steel frame	Aluminium case, stainless steel frame
Plug and socket option	ATX, CEAG	CEAG
Variables	2 or 4 secondary outputs. 3 secondary outputs + 1 mains output for linking. Cable length upon request.	2 or 4 secondary outputs. Cable length upon request.

SLAM

PORTABLE EX-SPLITTERS



**EXTREME
PORTABILITY
FOR EXTREME
CONDITIONS.**



SLAM® Splitter Ex

- 110 OR 230V MAINS VERSIONS • FOR ZONES 1 AND 2 • EXTREMELY ROBUST CONSTRUCTION • 2 OR 4 CEAG SOCKETS
- OPERATING TEMPERATURE -20°C...+40°C



The SLAM SPLITTER EX is ready to work for you, no matter how complex the lighting installation or how hazardous the area may be. The entire product is EX-certified with one certification,

greatly simplifying paperwork and proof of safety. The certification also confirms the exceptional portability of the SLAM SPLITTER EX – you can move the splitter even while connected.

SLAM® Splitter Ex High Temp

- 12, 24 & 24VAC SAFETY VOLTAGES AND 110 OR 230V MAINS VERSIONS • FOR ZONES 1 AND 2 • EXTREMELY ROBUST CONSTRUCTION • 2 OR 4 ATX SOCKETS
- SLAM HIGH TEMP SERIES. UP TO +55°C



With a wide range of supported voltages, the splitter can be used in any configuration, before or after transformers. The standard 10 meter input, also custom-orderable to any length, is

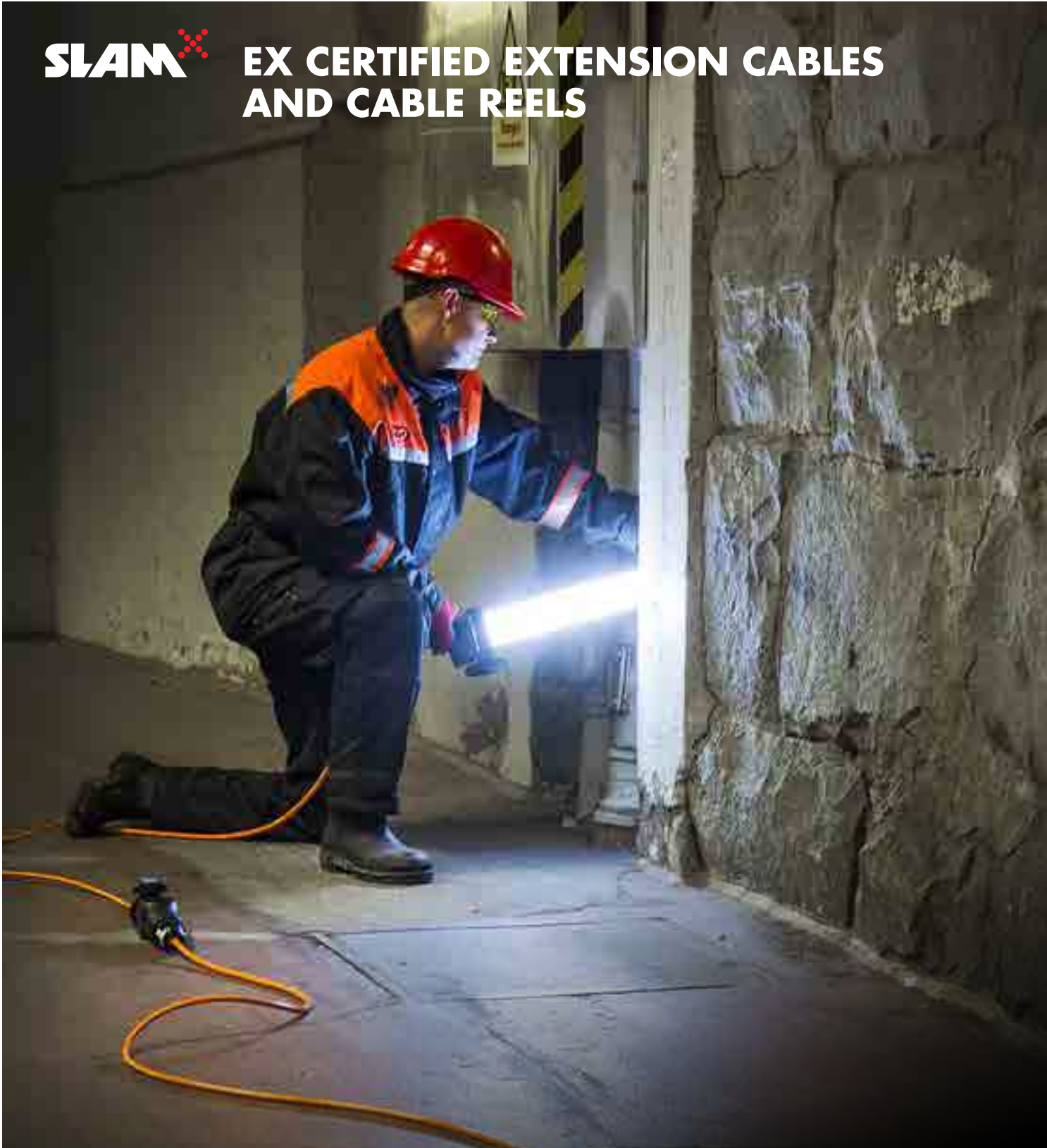
easily wrapped around the splitter for convenient transporting. With a confirmed operating temperature up to +55 °C, the high temperature version of SLAM SPLITTER EX can sweat it out easily.



TECHNICAL DATA	SPLITTER EX	SPLITTER EX HIGH TEMP
Code	SS16EX4CCEA	SS16EX4C
Certification (equipment certificate)	Ex II 2 G Ex e d IIC T4 Gb Ex II 2 D Ex tb IIIC T80°C Db	Ex II 2 G Ex e d IIC T4 Gb Ex II 2 D Ex tb IIIC T80°C Db
Ingress protection	IP66	IP66
Operating temperature	-20 to +40 °C	-20 to +55 °C
Supply voltages	110V or 230V	12V, 24V, 42V, 110V or 230V
Supply current typical	Max. 16 A	Max. 16 A
Maximum load	230V (3680W), 110V (1760W)	230V (3680W), 110V (1760W), 42V (672W) 24V (384W), 12V (192W)
Dimensions	532 x 356 x 313 mm	532 x 356 x 313 mm
Weight	10.5 kg (without cable/sockets/plug)	10.5 kg (without cable/sockets/plug)
Surface materials	Dissipative elastomer and aluminium	Dissipative elastomer and aluminium
Variables:	CEAG Ex socket outlets. Supply cable type and length upon request. Plug upon request.	ATX Ex socket outlets. Supply cable type and length upon request. Plug upon request.



EX CERTIFIED EXTENSION CABLES AND CABLE REELS



**STAY SAFE WITH
CERTIFIED CABLES
& REELS**



SLAM® Extension Cables and SLAM® Cable Reels

- EX-CERTIFIED FOR ZONES 1 AND 21
- COMPLETELY ATEX-CERTIFIED
- IDEAL ELEMENTS FOR SETTING UP TEMPORARY SLAM-LIGHTING SYSTEMS
- REEL EQUIPPED WITH PROPER ANTI-STATIC WHEELS
- PART OF SYSTEM ATEX-CERTIFICATION OF SLAM TANK SETS



A comprehensive SLAM® solution is available when you need a movable electrical distribution system to EX-hazardous job sites. Thanks to SLAM® cables and cable reels, you can bring the electrical distribution close with one safe and fully certified package. Suitable for all supply voltages and all major EX-sockets available.

The SLAM® Cable Reel 16EX gives you a long distance power source in hazardous job sites with 1 or 2 sockets and maximum

150m output cable. It ensures electrical distribution in an easily portable and safe way.

The EX-certified SLAM® Extension Cable is ideal for complete temporary SLAM® lighting system. The extension cables may be a maximum of 25 m long and equipped with any conforming EX-certified plugs and mobile sockets (such as CEAG, ATX, Stahl or Marechal).



TECHNICAL DATA	REEL 16EX	EXTENSION CABLES EX
Code	SR16EX	SEC16EX
Certification	II 2 G Ex e d IIC T4 Gb II 2 D Ex tb IIIC 120°C Db IP 66	II 2 G Ex de IIC T4 Gb II 2 D Ex tb IIIC T120°C Db IP 66
Ingress protection	IP66	IP66
Operating temperature	-20 to + 55 °C	-20 to + 55 °C
Supply voltage	12VAC/VDC, 24VAC/VDC, 42VAC/VDC, 110VAC/VDC, 230VAC	12VAC/VDC, 24VAC/VDC, 42VAC/VDC, 110VAC/VDC, 230VAC
Cable lengths	Small reel 15–50 m cable Big reel 50–80 m cable	5–25 m cable
Dimensions	Small reel 460 x 550 x 275 mm Big reel 580 x 720 x 325 mm	–
Operating current	16A (max)	16A (max)
Variables	1C: With one EX-socket 2C: With two EX-sockets	

**TO MAKE YOUR LIGHTING
SOLUTION COMPLETE.**

SLAM

ACCESSORIES

SLAM® Click'n Fix Series EX-certified and anti-static



**EQUIPPED WITH
SECURING SCREWS**

EASY AND FAST FIXING SYSTEM • DIFFERENT OPTIONS FOR FASTENING • ALL CLICK'N FIX BRACKETS COME WITH SECURING SCREWS • NON-METALLIC CONSTRUCTION

SLAM Click 'n Fix is the easiest fixing system for portable lighting. No lighting system is complete without anti-static brackets to ensure every part of it is safe. You can find SLAM-

brackets that suit most surfaces, even or un-even. All the brackets are durable and easy to use. Every Click 'n Fix comes with a securing screw for improved safety.

SLAM® MAGNETIC BRACKET

Strong and fully anti-static magnetic fixing that does not require separate bonding wires! Also good for cable control, get rid of those cables lying on the floor. Certified for use in Ex areas.

SLAM® MAGNETIC BRACKET LOOSE

The loose magnet bracket allows the bracket to adjust to uneven surfaces, flexing in different horizontal or vertical directions. Certified for use in Ex areas.



BEFORE:
Extra bonding wire needed.



NOW:
No bonding needed.



SLAM® SINGLE BRACKET

Imagine a situation where you need to attach the work light onto a surface where no magnet or other part can attach. With SLAM Single Bracket you have an option of screwing the bracket firmly onto the surface and attach the work light there.



SLAM® SCAFFOLD BRACKET

This EX-certified anti-static bracket is specially designed to attach to scaffolding pipes, ideally suited for industrial settings such as painting work. The bracket includes a pipe contact part with sharp teeth and a tightening strap to ensure fast mounting.



SLAM® UNISTRUT BRACKET

In specific industries where Unistrut® -tracks are used, the SLAM Unistrut Bracket is the perfect solution. The bracket is equipped with Unistrut -part to enable proper fixing safely and without headache.



SLAM® PROTECTOR

Original SLAM® Protector is an effective cover for end caps and Ex-sockets. Keeping Ex-certified equipment like SLAM® portable lights clean is critical for your workers' safety and for the longevity of the lights. Ideal for paint jobs. Designed to fit all SLAM® Hornets and Tubes. 10 pcs in one set.



SLAM®
Protective
film



**UN-PROTECTED
LIGH RUINED
WITH PAINT**



SLAM® S-HOOK KIT

The SLAM® S-Hook Kit includes one S-hook and one work light bracket. The quickest and easiest way to hang a work light is with the SLAM® S-Hook Kit. Ideal for hanging lights from pipes and scaffolding, you can also use the hooks to keep cables organized and off the floor.



SLAM® S-HOOK

Perfect addition for safe cable arrangements.



SLAM® HANGING STRAPS

You can count on adjustable hanging straps anywhere you go. They are flexible, literally do not contain any stressing weight and may be adjusted (tightened) in line with your work site requirements such as pipes, masts and supports of various sizes. They are also easier to demount compared to conventional cable ties.



All SLAM® work lights come with a protective film over the light housing. When the lights get dirty, the protective film can be removed and replaced with a new sheet. 10 pcs in one set. The SLAM® protective film is a small part that plays a big role in the servicing and operation of your lights.



MICA

PRODUCTS

MICA® IL-800

- ATEX & IECEX CERTIFIED • THREE HIGH-POWER LEDS
- TEMPERATURE CLASSIFICATION T4 • UP TO 200 LUMENS GUARANTEED OVER LED LIFETIME • OPTIONAL EMERGENCY FUNCTION (EM) AND BLINK MODE (BK)
- ROBUST IP67 HOUSING • SINGLE SWITCH CONTROL FOR TWO POWER MODES • ZONE 0 & ZONE 1 VERSIONS



The Atexor MICA® IL-800 Zone 0 and Zone 1 are all-purpose, high quality hand lamps specially designed for use in Explosion Hazardous Areas. A handy dual-mode switch lets you choose between extending operating time or boosting light output.

Featuring a robust, dissipative construction and a tempered 5 mm lens, this hand lamp will not let you down when it is most needed. As an added bonus, the MICA® IL-800 floats if dropped in water.

Advanced electronics prevent deep discharge of the battery, and when battery is getting low, the beam starts to blink at 1.5 second intervals.

While the Zone 1 can be used in the most common hazardous area scenarios for gas and dust, we constructed the Zone 0 for particularly dangerous gas conditions.

Both Zone 0 and Zone 1 models are available with the Atexor emergency lighting function (EM Function). When the hand lamp with EM-function is in the charger, it detects a power outage and turns on automatically.



TECHNICAL DATA	IL-800 ZONE 0 AND ZONE 1
Certification	IL-800 ZONE 0: II 1 G Ex ia IIC T4 Ga II 2 D Ex tb IIIC T100°C IP67 Db IL-800 ZONE 1: II 2G Ex ib IIC T4 Ga II 2D Ex tb IIIC 100°C IP67 Db
Area of classification: Gas	IL-800 ZONE 0: 0, 1 and 2 IL-800 ZONE 1: 1 and 2
Area of classification: Dust	IL-800 ZONE 0 and IL-800 ZONE 1: Zones 21 and 22
IP rating	IP67
Light source	3x Ultra-bright LEDs
Battery	6V NiMH
Operating time	Full power 6 hrs, Low power 12 hrs
Operating temperature	-20 to +40 °C
Weight	1.1 kg

MICA



**BRIGHT TOOLS FOR
PROFESSIONALS.**

MICA® ML-808 

- HIGH-POWER CREE LED • TWO-MODE BEAM, 25 AND 100 LUMENS • OPERATING TIME UP TO 15 HOURS • RECHARGE IN LESS THAN 3 HOURS
- LED-BAR INDICATOR FOR BATTERY CAPACITY
- OPTIONAL EMERGENCY FUNCTION (EM) • OPTIONAL BLINKING FUNCTION (BK)



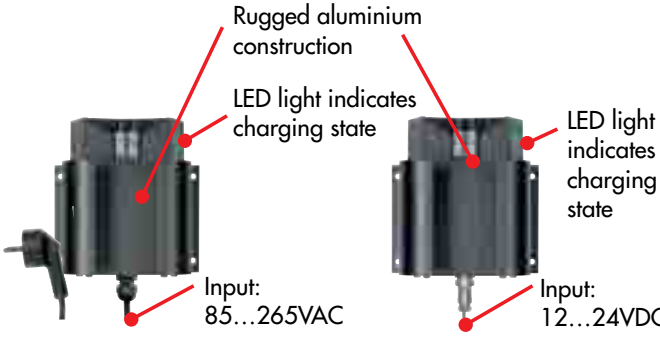
The MICA® ML-808 is the latest in high-powered ATEX hand lamps. It is a step up from the well-known MICA® ML-800. The new ML-808 is stored and recharged in the same MICA® MLC charging dock as previous MICA® ML-series lights. Two power modes allows the user to obtain the best combination of light power and usage time.

The lamp is equipped with an environmentally friendly NiMH battery offering continuous operating time up to 15 hours. Advanced electronics in the ML-808 protect the battery from deep discharges and warn the user of low battery charge by flashing the light beam when there is only 20 minutes of operating time left. The shock resistant IP-65 casing is manufactured entirely of anti-static plastic and aluminium. The lens is three millimetres thick and specially toughened. MICA® ML-808 is supplied with a strong belt clip and wrist strap.

TECHNICAL DATA	ML-808
Certification	II 2 G Ex ib op is IIC T4 Gb II 2 D Ex ib op is IIC T135°C Db
Area of classification: Gas	Zones 1 and 2
Area or classification: Dust	Zones 21 and 22
IP rating	IP65
Light source	Ultra-bright LED
Battery	6V NiMH
Operating time	Full power 4 hrs 30 min Low power 15 hrs
Operating temperature	-20 to +40 °C
Dimensions/Weight	120 x 64 x 55mm/400g



Intelligent chargers for MICA® lamps



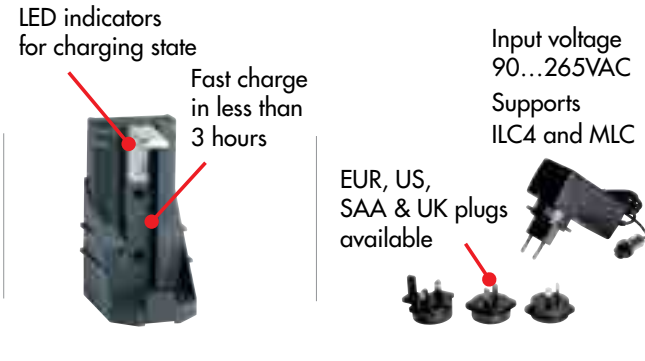
Rugged aluminium construction

LED light indicates charging state

LED light indicates charging state

Input: 85...265VAC

Input: 12...24VDC



LED indicators for charging state

Fast charge in less than 3 hours

Input voltage 90...265VAC

Supports ILC4 and MLC

EUR, US, SAA & UK plugs available

MICA ILC4-VAC (FOR IL-SERIES)

MICA ILC4

MICA MLC (FOR ML-SERIES)

MICA IL-2



**RELIABLE FIXED
LIGHTING WHERE
SAFETY MATTERS
THE MOST.**

SLAM FIXED **PRODUCTS**

ATEXOR'S FIXED LUMINAIRES FOR ATEX AND IECEX ZONES PROVIDE POWERFUL YET SAFE, ENERGY EFFICIENT LED LIGHT THAT IS EASY ON WORKERS' EYES. THE SLAM FIXED® RANGE OFFERS HIGH-QUALITY FEATURES AND ROBUSTNESS FOR ALL TYPES OF ENVIRONMENTS AND APPLICATIONS.

SLAM FIXED® Nordic 1LED / 2LED WS

- ATEX CERTIFIED FOR ZONES 1 AND 21
- TEMPERATURE CLASS T4 • SAFEYE® TECHNOLOGY • HIGH QUALITY LEDS AND COMPONENTS • VERSATILE MOUNTING OPTIONS • SPECIALLY DESIGNED FOR COLD CLIMATES

SAFE LIGHT!
OP IS IN
CONTROL



Popular amongst refineries in cold climates, SLAM FIXED® Nordic 1LED and 2LED luminaires deliver on all the expectations of modern LED lighting: energy efficient, long lasting, durable and easy to maintain. With a Color Rendering Index (CRI) above 80, you also get great color distinction.

Nordic luminaires are made from durable polymers for excellent corrosion and weather resistance. To ensure maximum ruggedness, our shock-testing protocol far exceeds normal standards.

The Nordic 2LED features two independent LED units in a single enclosure. Each unit is controlled by separate, isolated electronics for improved reliability.

All SLAM FIXED® lights are available with pre-installed brackets and cables for speed and flexibility. If these options are not suitable or you need custom fixings, please contact our team for alternatives!

SLAM FIXED® Novo 1LED / 2LED

- ATEX AND IECEx CERTIFIED FOR ZONES 1 AND 21 • T4 RATING WITH OPERATING TEMP. UP TO +55 °C
- SAFEYE® TECHNOLOGY • HIGH QUALITY LEDS AND COMPONENTS
- VERSATILE MOUNTING OPTIONS

SAFE LIGHT!
OP IS IN
CONTROL



Building on the strong foundation of our SLAM FIXED® Nordic luminaires, the Novo 1LED and 2LED bring a new dimension of ruggedness with the ability to withstand ambient temperatures as high as +55 °C. In addition, they are certified for both IECEx and ATEX Zones 1 and 21.

The robust polycarbonate frame and high-quality components help give the Novo luminaires extremely long life, no matter how harsh the conditions are. The entire construction is also completely dissipative. There is no risk of static charge build-up, so you can safely clean the installed luminaires.

Despite the rugged build, they are surprisingly lightweight, which helps ease installation and reduces stress on brackets and frames over the years. The luminaires are fully repairable, and all the components are replaceable.

At Atexor, we specialize in creating customized lighting solutions that best fit our customers' needs, including additional testing and Ex certifications. Contact us to set up a project to create the best products and solutions for you.

A worker wearing a blue hard hat and a high-visibility yellow and blue jacket is working in a confined space. The worker is holding a tool with a red handle. The ceiling is made of corrugated metal and has several bright overhead lights. The walls are white and appear to be part of a tunnel or a large pipe.

**INDUSTRY FIRST FIXED
AND SEMI-PORTABLE
HYBRID EX LIGHT**

ZONES

1

21



SLAM FIXED® SEMIC SF

- ATEX FOR ZONES 1 AND 21 • TESTED FOR OPTICAL RADIATION (OP IS) • UP TO T5
- IP68 • CRI 85 • ATEXOR SAFE EYE®
- 650 TESTED LUMENS • COMPACT SIZE
- EASY TO INSTALL



The Atexor SEMIC SF has exceptional safety ratings plus op-is approval. Despite producing 650 lumens, there is no risk of the light being a source of ignition. We also fitted the SF with our SafeEye® technology to protect workers' eyes and keep the light gentle and smooth. SEMIC's high quality LEDs produce a pure light allowing workers to confidently distinguish colors in the work area.

Each unit comes with a pair of specially designed brackets for wall or ceiling installations. Use two brackets for a robust fixed bulkhead installation without the bulk. This makes the SEMIC SF an ideal fixed lighting option for tight or cramped spaces, such as narrow corridors on vessels, tunnels, columns, and so forth.

For hybrid, "semi-portable" applications, one bracket is ideal. The bracket is made from dissipative material, so you can safely and easily detach the light for a closer look at components. Naturally the SEMIC family is fully certified as a portable EX light.

The Atexor SEMIC SF is built to last. High quality components and a solid, compact design reduce the space needed for light fixtures and ensure longevity.

Pre-fitted cables cut to custom lengths ensure the SEMIC SF is just write for your needs. Its compact construction takes up very little space, and even in fixed installations, you can rotate the unit in the brackets to adjust the light direction as needed.



TECHNICAL DATA	SEMIC SF
Code	SSFxxxx
Certification	EESF 20 ATEX 086X
Ingress protection	IP68
Operating temperature	-20°C ... +40°C
Supply voltage	24-48VAC and 110-230VAC
Power consumption	9W
Dimensions	192 mm x 50 mm Ø
Weight	1 kg



SLAM FIXED® 1 & 2 LED Ceiling & Wall Installation Kit

- STAINLESS STEEL A4 (AISI316)
- FRAME ROTATES 360°
- LIGHT ROTATES 360°
- SLOTTED SCREW HOLES
- EXTREMELY RUGGED CONSTRUCTION



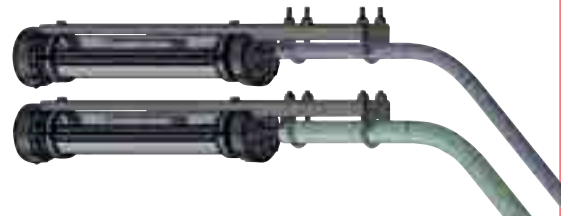
With slotted bolt holes and 360° rotating braces, this installation kit is extremely versatile, saving time and eliminating hassles. The rotating braces allow you to position the base bracket exactly as needed. The round luminaire can be easily placed

into the brace and rotated to adjust the lighting for the target area. The base brackets are made of thick A4 stainless steel to suit the most demanding conditions and withstand rough treatment.

SLAM FIXED® 1 & 2 LED Pole Installation Kit

- STAINLESS STEEL A4 (AISI316)
- SAME BRACKET SET FITS 1LED & 2LED
- UNIQUE DESIGN SUPPORTS 30-45MM DIAMETER POLES
- LIGHT ROTATES 360°
- EXTREMELY RUGGED CONSTRUCTION

Pole diameter: 30-45mm



With easily adjustable brackets, you can skip making exact measure mentions of poles. The brackets accommodate pole diameters ranging from 30 to 45 mm. Made of thick A4 stainless steel, these brackets suit even the most demanding conditions and withstand rough treatment.

Since the SLAM FIXED luminaires come with pre-installed fittings and cable, the actual installation time is cut to an absolute

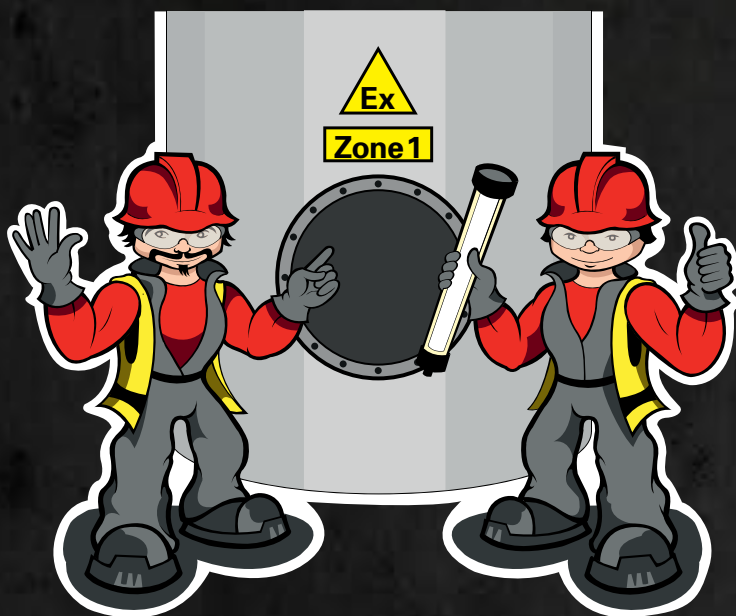
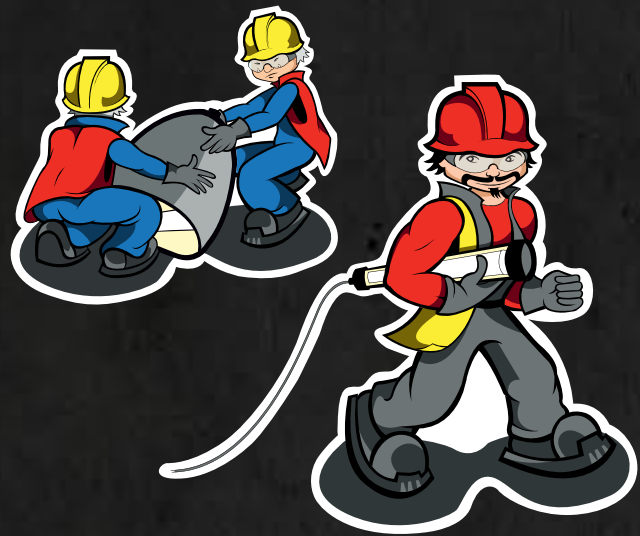
minimum. No need to cut and strip cables at the site. The luminaires are held by brace that allow for easy adjustment of the light beam direction.

If our installation kits do not perfectly meet your needs, please do not hesitate to contact our design team!

SELECTION OF EQ

1 INTENDED PURPOSE OF EQUIPMENT

- When the equipment needs to be portable, the certificate should state this in the description of equipment.
- If not mentioned it is likely that the unit is not tested or accepted for portable use.
- Portable EX-luminaire and non-portable EX-luminaire have different requirements.



2 CLASSIFICATION OF EX-AREA

- Compare the equipment certificate with the area classification.
- Examples:
 - Equipment category 2 = Zone 1 and 2
 - EPL marking Gb = Zone 1 and 2

Make sure that the equipment CATEGORY is suitable for the particular EX-area classification.

3 SUBSTANCE EXPLOSION GROUP

- Compare the equipment certification to the explosion group of the substance that is creating the danger of explosion.
- Examples:
 - Hydrogen → Explosion group IIC
 - Ethylene → Explosion group IIB
 - Naphtha → Explosion group IIA

Make sure that the equipment EXPLOSION GROUP is suitable for the particular EX-area classification.



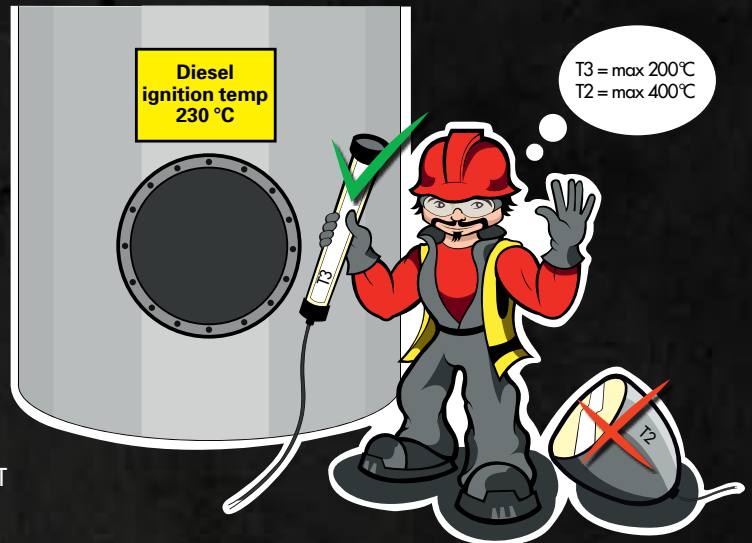
EQUIPMENT

STEPS FOR SAFE CHOICES

4 TEMPERATURE RATING OF EQUIPMENT

- Compare the equipment certification to the highest acceptable temperature of substances that contribute to the danger of explosion.
- Examples:
 - Hydrogen → Ignition temp 560 °C = T1
 - Ethylene → Ignition temp 425 °C = T1
 - Diesel → Ignition temp 230 °C = T3
 - Diethyl ether → Ignition temp 195 °C = T4

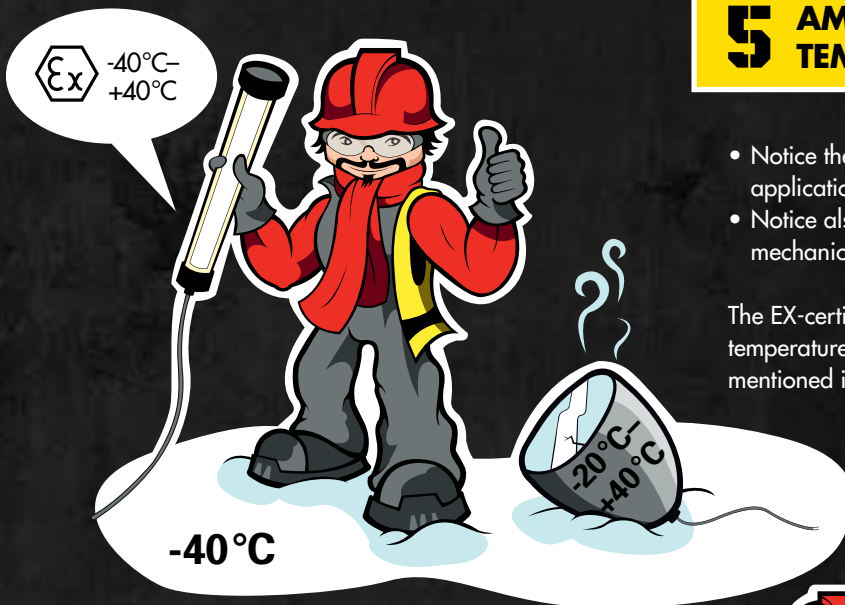
Make sure the equipment's HIGHEST TEMPERATURE POINT is suitable for the particular EX-area classification.



5 AMBIENT TEMPERATURE

- Notice the ambient temperature of the application of use.
- Notice also other criteria e.g. heavy mechanical stress and effect of chemicals.

The EX-certificate is valid between ambient temperatures of -20 °C to +40 °C if not otherwise mentioned in the certificate.



6 TURN-KEY SOLUTIONS AVAILABLE FOR YOU

- Further questions?
- Atexor is at your disposal

WE ARE THERE FOR YOU





ATEXOR OY HAS DECADES OF EXPERIENCE IN ATEX & IECEx LIGHTING AND POWER SUPPLY SOLUTIONS. IN COOPERATION WITH THE CUSTOMER, WE FIND THE MOST ECONOMICAL SOLUTION, WITHOUT COMPROMISING ANY SAFETY ELEMENTS. WE ARE KNOWN FOR OUR ABILITY TO SOLVE CUSTOMERS' HAZARDOUS AREA CHALLENGES IN DEMANDING TIME SCHEDULES.

ATEXOR IS PART OF TEKNOPOWER GROUP. IN ADDITION TO OUR OWN SUBSIDIARIES IN THE UK & RUSSIA, THE GROUP HAS OPERATIONS IN SWEDEN, RUSSIA, UK, USA, POLAND, UAE, GERMANY, INDIA, AND IN MALAYSIA.

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