



At least 12 reasons to acquire a Megalight Systems to be your workmate.



1. lightweight and durable structure

2. rubber shock absorbers

3. silicone padded fluorescent bulb

4. low surface temperature (below 75° C)

5. bright and durable fluorescent bulb

6. 10 meter top-quality extension cord

7. antistatic dust protector

8. detachable suspension strap

9. Smart-ballast

10. 16 A socket

11. suspension hook

12. magnetic fastener 600 N (option)

A well-functioning equipment set consists of thoroughly designed details.

The Megalight system is the best and the safest portable lighting and connection cable system for demanding professional use.

In addition to 230 VAC professional lighting appliances the product family also includes the SAFETY low voltage line, intended for humid and confined spaces, as well as spaces with conductive walls.

Finnish patented quality equipment. Easy maintenance and highly durable structure makes the lighting equipment a long-term work pal that you can count on.

Portable worksite lighting system for professional use

Megalight 230 and 115 VAC

Standard Figures 1 – 4

Tripo Figures 5 – 6



Magn. 600N

CE R S N D V IP 44

ELECTRONIC MEGALIGHT SYSTEMS 230 VAC
115 VAC



Handy

Pipe



Megalight Standard (figures 1 – 4) worksite lighting appliances represent brilliant lighting performance, safety and economy. Their lightweight and compact structure is designed to withstand particularly high mechanical strain. Standard models can be equipped with the following alternative sockets: a. SCHUKO, b. French, c. Danish, d. CEE-norm.

3 x 55 W Tripo (figures 5 and 6) tripod lighting equipment represents the only lighting equipment on the market intended for large premises, providing efficient 360° lighting performance without harsh glare. Owing to its detachable and adjustable tripod the lighting equipment can be elevated as high as 1600 mm. The three 55 W fluorescent tubes of the Tripod substitute for traditional incandescent lamps, which – in addition to their high power consumption – can also cause a fire hazard due to their high temperature. The Tripod's structure is light, durable under mechanical strain, and electrically safe. The total weight, including the tripod and 15 m rubber cable is less than 7 kg. The two-part extension socket is provided with a 10 A automatic fuse.

Pipe (7) lighting devices can be fixed either permanently to the strap attachment, or temporarily using two 300 N magnets. Owing to their shape the units are perfect for confined spaces. The Pipe lamps are also available with IP 65 splash proof rating. The luminosity rating is the same as that of the Standard models 1 – 4. The available length options are 510, 640 and 750 mm.

Handy (8) a durable hand torch intended for professional use, which can be equipped with 5, 7, 10 or 12 m power cord. The luminosity, conformity and the length are: 11W/900 lumen, = 75 W, 350 mm.

Megalight SAFETY 24 VAC, 36 VAC, 42 VAC, 24 VDC



Low voltage lighting appliances for humid and confined spaces and for spaces with conductive walls.

Safety lights and transformers can be delivered with the plug/socket options illustrated on the picture.

CEE 309 norm.



110 – 130 V



Set Point



24 VAC



SELV



42 VAC



24 VDC

Trafo transformer



24 VAC 100–200 VA
42 VAC 140–350 VA
SELV 2-part, CEE-norm.

Standard Safety

26 W/1800 lumen
= 150 W
370 mm

36 W/2900 lumen
= 250 W
620 mm

Pipe Safety

36 W/2900 lumen
= 250 W
650 mm

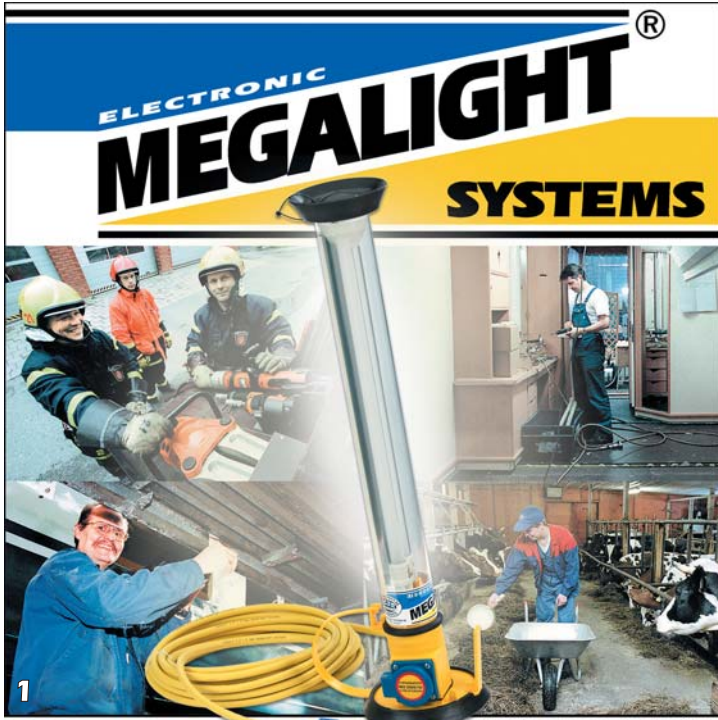
24 W/1600 lumen
= 125 W
530 mm

Handy Safety

11 W/900 lumen
= 75 W
360mm



Clearly the best lighting system.



A person perceives 80 % of the environment through the sense of sight. Thus, good visibility is pivotal for achieving high work quality. Good, safe and facile illumination allows you to concentrate on your work. Megalight is not merely a worksite illumination system, it is also an extension cord system enabling to link appliances into a chain to form a lighting system consisting of dozens of individual units.

Megalight Systems Oy operating in Finland has been manufacturing and developing its own worksite lighting systems for over 15 years now. We asked professionals who use lighting equipment in their work, what do they expect from a good lighting system. Based on the results of this enquiry we developed the versatile Megalight System – the portable lighting equipment and extension cord system, intended for professional use. 16 A socket for electrical devices or for chaining lamps into a system, a high-quality 10 m extension cable, handy suspension and attachment solutions as well as replaceable dirt protectors with or without reflectors represent solutions that are highly appreciated by professionals.

Megalight lighting units are well known for their superb quality, durability and safety, they are usable in even the harshest of work environments, both indoors as well as outdoors. Megalight units have a light-weight strain-resistant structure, and they are fully maintainable, as all the unit components are available as spare parts. The fluorescent bulbs of the Megalight equipment save energy and have a long life (service life 8000 h) For instance by its luminosity a 36 W fluorescent bulb matches a 250 W incandescent bulb. Energy is converted into light, not into heat. For this reason the surface temperature of the lighting equipment is safely low (less than 75°C). The lamp efficiency of the lighting equipment family ranges from 11 W to 3 x 55 W. In addition to the normal 230 VAC product range we offer 24, 26 and 42 VAC as well as 24 VDC Safety models for damp and confined spaces, as well as for spaces with conductive walls.

Our products have been granted the SGS Fimko's type approval, which is a proof of the safety of our products. In 2006 we incorporated in our production the latest developments in the field of lighting equipment ballasts. These innovative properties include, e.g., a proper pre-heat stage of the fluorescent tube before it switches on, as well as various failure protection mechanisms designed for even the most serious network failures, which are highly efficient in preventing equipment damage. Using the SMD technology we managed to reduce the size of our equipment, and improve their strain resistance.

The major users of our products are Finnish shipyards. For instance the illumination of the production facilities of Aker Finnyards and Technip Ofshore is predominantly set up using Megalight lighting systems. This has resulted in providing the shipyards safe and durable illumination levels at low power consumption. It has helped to save hundreds and thousands of euros in energy and maintenance as well as in accessory equipment costs. In addition to the 230 VAC system the shipyards also use lighting units of the 42 VAC protected voltage system. Other users of our lighting appliances are, inter alia: Finnair, Riga Shipyard, Hollming Works, Marine Alutec, Fortum, power plants and paper mills, etc.



The electronic lamp ballast, based on high-frequency technology, is the result of our own long-term product development. It ensures bright and steady illumination provided by our lighting appliances as well as their excellent reliability.



Smart electronics ballasts

1. Versatile Megalight lighting equipment is ideal for professional users in many fields.
2. Standard 55 W casts unflattering and steady light without much shadow, improving work quality, e.g. when plastering.
3. Finnair's MD-80 airplane illuminated by Megalight during overhaul.
4. The spare parts servicing is a part of the Megalight quality.

