

WISECURE LIGHTING KIT

A STRONG LIGHT IN THE DARKNESS

Our compact lighting kit is built for the toughest environments. The lighting kit is DC powered 12-48 VDC and can be switched between white and red light. With an IP 54 insulation class, this is an unbeatable tool for both indoor and outdoor environments that you can always rely on.



12-48
VOLT

VOLTAGE

IP54

ENCLOSURE
CLASS

WHITE
RED

LIGHT
MODES

40000

BURN
TIME

-25°
+55°

TEMPERATURE
RANGE

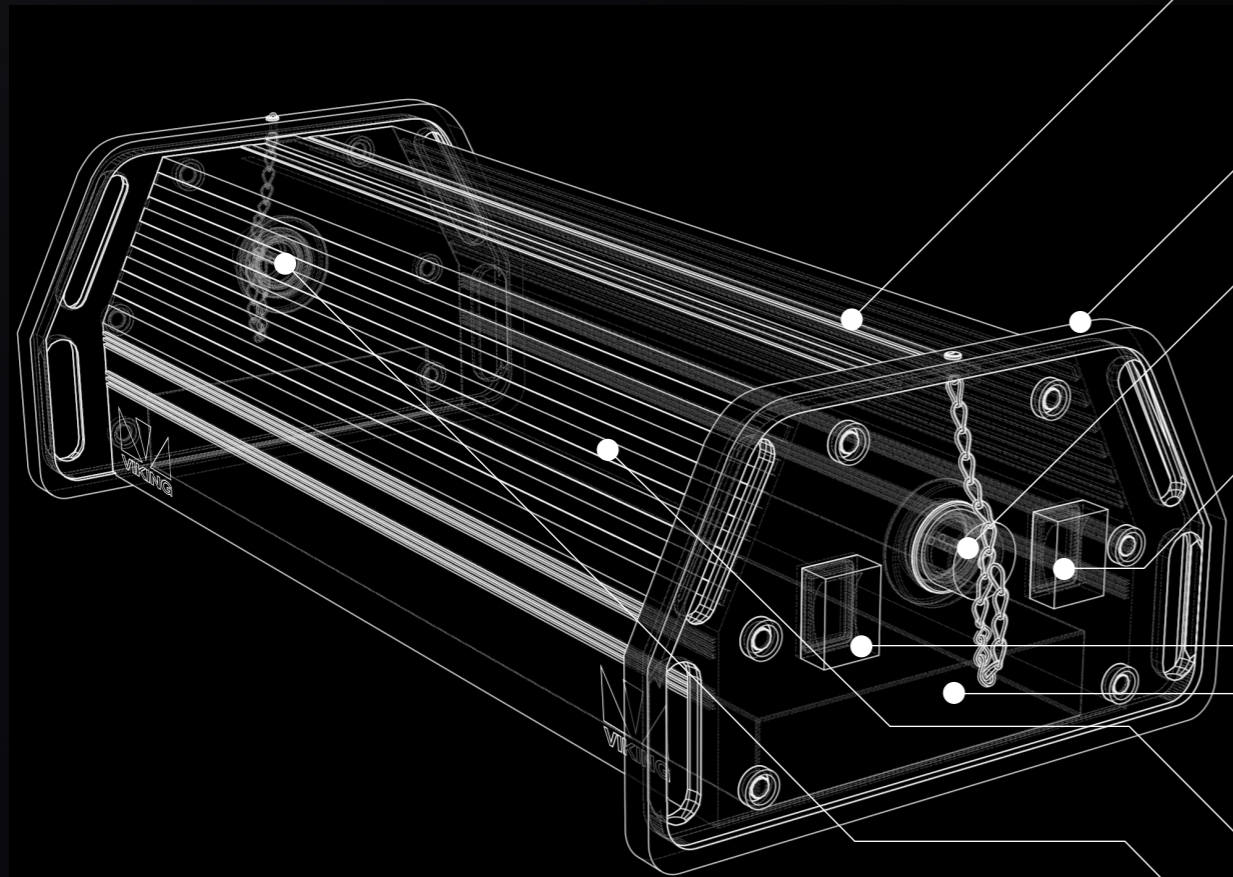
WISECURE
BEFORE IT HAPPENS

We believe in a future where no person needs to get harmed. The way we do that is by finding secure, safe and smart solution that prevents unnecessary accidents from happening, we sell great proactive solutions. Wisecure AB, Stuartsgatan 1, SE-504 68 Borås, Sweden
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WISECURE LIGHTING KIT

CONSTRUCTION AND FUNCTION

The fixtures have an intake on one end and two power switches for setting the light. Power supply to the intake occurs with the connection cable. On the other end, there is an outlet for supply to the next LED fixture. Power supply occurs with one of the two forwarding cables.



SOLID ALUMINUM IN MILITARY GREEN

All our units are built with solid aluminum that directs heat away from our high-intensity LED panel while the unit is colored in a natural military green RAL-6031 to stylistically fit the work environment.

BUILT FOR THE TOUGHEST OF TIMES

To say that our units are rugged is no understatement. The handles on the units are built for the most extreme and toughest conditions imaginable. You can easily hang up the unit with the help of the six included tension straps, two for each unit.

EASY TO CONNECT, EASY TO WORK WITH

With our intakes at 10–60 VDC, you can easily connect the unit to a DC source. The connections are protected with covers that are attached with a chain, and it is easy to remove the covers and connect the power supply to the intake with the connection cable. This unit is built and designed together with people in the field who know what is required.

POWER SWITCH WHITE LIGHT

Different situations require different lights. The power switch gives you the option to freely choose 100% white or 50% white light. This provides a comfortable work light that illuminates in the darkest situations. 100% corresponds to 500 Lux on the work surface i.e., the requirement for workplace lighting. 50% corresponds to 300 Lux on the work surface i.e., the requirement for general lighting.

POWER SWITCH RED LIGHT - WHITE LIGHT

Power switch that lets you change between: red light - off - white light. Having the option to use red light and all its advantages in dark environments is a given for us. The red light is the same red light you expect, for example, on submarines and other military lighting and is adjusted to provide an optimal working environment.

LED

Our LED panel has over 40,000 burning hours and is of very high quality to function continuously in tough environments. We know that the reliability of our LEDs can be crucial for a successful mission, and therefore we have warranties that match the trust you should be able to feel in the field.

IP 54 - HANDLES MOST ENVIRONMENTS

With our IP 54 classification, you can rely on the unit to handle the most demanding environments regardless of rain, wind, water, dirt, dust, and much more. With a high IP protection, you can count on the unit to withstand most of what can happen in the field.

CONNECTS EASILY IN SERIES

Through our outlet for supply to the next LED fixture, each unit easily becomes part of a larger whole. Remove the covers and connect the power supply with one of the two forwarding cables and create a large chain of units that illuminate whatever environment and place you need. (The lighting kit consists of 3 LED panels but can be connected with more panels depending on the fuse protection and performed dimensioning).

HANDLING / HANGING

1. Lay out the connection cables so that they cannot be pinched or damaged in any other way.
2. Ensure the power switch RED-0-WHITE is in position 0 on all fixtures.
3. Connect the connection cable to the first fixture's intake.
4. If necessary, connect forwarding cables to the other fixtures.

CONNECTION

1. Lay out the connection cables so that they cannot be pinched or damaged in any other way.
2. Ensure the power switch RED-0-WHITE is in position 0 on all fixtures.
3. Connect the connection cable to the first fixture's intake..
4. If necessary, connect forwarding cables to the other fixtures.
5. Set the fixtures' power switches to the desired positions.

DISCONNECTION

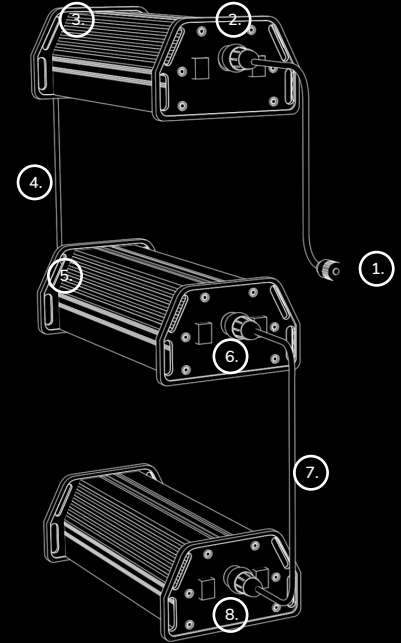
1. Set the power switches on all fixtures to position 0.
2. Remove the connection and forwarding cables from the fixtures.
3. Attach the end caps to the cables.
4. Attach the caps to the fixtures' outlets and intakes.
5. Pack the equipment in the transport case according to the packing plan.

WISECURE LIGHTING KIT

PRODUCT DATA

ARTICLE NUMBER	Article Number	9950496
DIMENSIONS	Transport Case	686x301x622mm
	Fixture	485x145x190mm
WEIGHT	Complete Set	24 kg
	Fixture	2,8 kg
VOLTAGE	Nominal	12-48 VDC
	Min/Max	10/60 VDC
CURRENT STRENGTH	Fixture 100% white light, 12 VDC	1,3 A
	Fixture 100% white light, 24 VDC	0,7 A
	Fixture 100% white light, 48 VDC	0,3 A
POWER	Fixture 100% white Light	16W
	Fixture at red light	13W
LIMITATION	Maximum series connections of fixtures	9 st
	Maximum power (1 unit)	16W
ILLUMINANCE (1,1 m över bordsytan)	Fixture 100 % white Light	500 Lux
	Fixture 50 % White Light	300 Lux
	Fixture at red light	25 Lux
BURN TIME	Led	ca 40 000 tim
CONNECTORS/INPUTS		Souriau UTGX712E2S
ENCLOSURE CLASS		IP54
OPERATING TEMPERATURE		-25 °C till +55 °C
CONNECTION CABLE (10m)	Sockets	Souriau UTGX6JC12E2S
	Pins	Cannon CA3106E10SL -3PB06
FORWARDING CABLE (1,75mm)	Sockets and pins	Souriau UTGX6JC12E2P

CONNECTING ALL FIXTURES



1. Connection Cable 10 m
2. Intake, Fixture 1
3. Outlet, Fixture 1
4. Forwarding Cable 1.75 m
5. Intake, Fixture 2
6. Outlet, Fixture 2
7. Forwarding Cable 1.75 m
8. Intake, Fixture 3

MAINTENANCE

- Check that fixtures, cables, and connectors are free from external damage. Do this both before and after use.
- Check that no fixture's brightness differs from the others and that the lighting does not flicker.
- Clean as needed both before and after use with a slightly damp cloth.
- After use, check that the end covers of the cables are in place.
- Inventory the equipment according to the applicable set list.

BSATS12-48V/S

