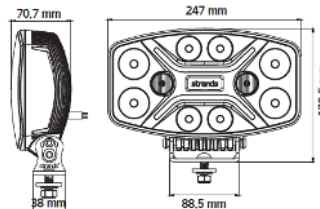


# strands®

-lighting division

## MANUAL DARK KNIGHT INSANE

**RED** = +VDC  
**BLACK** = -TO CHASSIS GROUND  
**GREY** = WHITE POSITION LIGHT  
**YELLOW** = AMBER POSITION LIGHT  
**GREEN** = WARNING LIGHT  
**BLUE** = PATTERN SELECTION AND WARNING LIGHT  
SYNCHRONIZATION



### Flash pattern :

- 1) Single flash
- 2) Double flash
- 3) Triple flash
- 4) Four flash
- 5) Flashing all the time

### Instruction for synchronization ( more than 2 light) :

Connect the "blue wire" of 2 or more lights to the positive for 3 seconds to reset the flashing pattern to the first flashing pattern (1/2/3/4/5). And then, apply the "blue wire" of the lights to positive to switch next flashing pattern directly.

### Instruction for synchronization and asynchronous (only for two lights):

Apply "blue wire" to the positive for 3 seconds to reset flashing patterns. Then apply the "blue wire" again to asynchronous of first flashing pattern directly.

Next, apply "blue wire" to the positive again would be synchronization for second flashing pattern, then, apply "blue wire" to the positive again, it will be asynchronous of second flashing pattern. ( Follow similar step for rest of the patterns)

**Note:** This synchronous and asynchronous flashing mode is only suitable for mounting 2 lights. When more than 2 lights, it can not achieve asynchronous, can only achieve synchronous function.

### READ THIS BEFORE INSTALLATION OR PAINTING

READ ALL INSTRUCTIONS AND STUDY DIAGRAMS BEFORE PAINTING OR INSTALLING YOUR NEW LIGHTS!

### PAINTING INSTRUCTIONS

When painting the lamp, carefully remove the plastic breather on the back of the lamp and use the supplied sticker to close the hole so that no particles enter.

If drying takes place in an oven or similar, the temperature must not exceed 80°C.

After painting, remove the sticker and carefully reassemble the breather.

If these tips are not followed when painting, the warranty does not apply.

### LEGAL MOUNTING

Check with state or local authorities for laws governing usage and proper mounting of your new lights.

### TAKE CARE OF YOUR PRODUCT

Keep the product clean. Dirt on the lens and heat-sink may shorten the products lifetime.

We recommend using lukewarm water and alkaline degreasing.

Follow the degreasing instructions carefully and rinse off entirely with cold or lukewarm water on low pressure.

### WARNING!

Strong chemicals should not be used on the product. If you accidentally get strong chemicals on the product, rinse off immediately, use plenty of water so that no chemicals remain in any joint.

Some chemicals have a small amount of solvent in them, this can dissolve sealing adhesives and compromise the product's waterproofness.

Some chemicals pull out liquid from plastic and rubber-based components, which makes the plastic or rubber brittle and bursts more easily.

Be careful not to use high water pressure close up on the product.

If you use high water pressure at short distances, most products find it difficult to close out the water.

### INSTALLATION

If there is a contact/connector on the product, it should not be cut. If the connector is cut, the warranty is not valid.

If the product has loose cable and no connector, if the cable is shorter than 50 cm, the cable must not be cut. If the cable is cut, the warranty is not valid.

If the cable is longer than 50 cm, it is ok to shorten the cable, but not shorter than 50 cm.

If the cable is cut shorter than 50 cm, the warranty is not valid.

Tighten screws and bolts so that they do not loosen or chafe.

Do not tighten screws so hard that the protective bearings on the product break.

### WARNING!

Do not use higher volts than the product description states.

This light becomes hot under continuous use. Don't remove or touch the casing for at least 30 minutes after turning the lamp off.

Part no. 270698

Contact us if you need support: [support@strands.se](mailto:support@strands.se) or +46(0)320-450450



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[www.strandseurope.com](http://www.strandseurope.com)