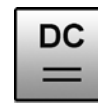


dimensions **270 x 30 x 25mm**  
**530 x 30 x 25mm**

- ✓ housing made of aluminum
- ✓ front screen made of plastic
- ✓ degree of protection IP 54
- ✓ flicker-free light without UV and IR components
- ✓ M12-connector



**3 colors**  
**red – green – blue**



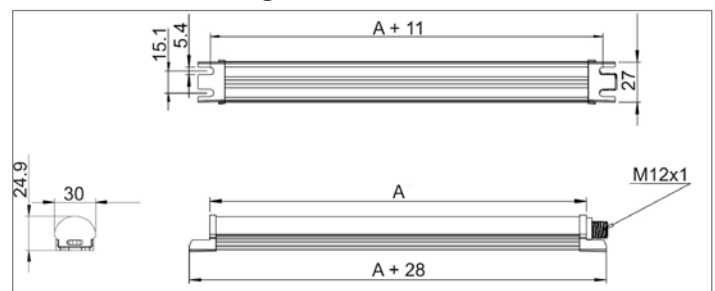
Technical Data	AO000458	AO000459
operating voltage	24V DC ± 10%	24V DC ± 10%
current consumption	167mA	333mA
power consumption (max.)	4W	8W
angle of emitted beam	120°	120°
light color	RGB	RGB
system of protection (EN 60529)	IP54	IP54
length „A“	259mm	519mm
material (housing)	aluminum	aluminum
material (front screen)	plastic	plastic
temperature (operating)	-10 ... +40°C	-10 ... +40°C
connection	M12-connector 5-pin	M12-connector 5-pin
connection accessories	e.g. <b>VK200325</b>	e.g. <b>VK200325</b>
mounting accessories	mounting brackets included	mounting brackets included

### Connection

PIN-Nr.	Aderfarbe	Funktion
1	braun	+24V DC LED-Farbe grün
2	weiß	+24V DC LED-Farbe blau
3	blau	0V DC
4	schwarz	+24V DC LED-Farbe rot
5	grau	nicht belegt

The simultaneous connection of two or three PINs results in further colors.

### Dimensional drawing



Article numbers: **AO000458** (length A = 259mm)  
**AO000459** (length A = 519mm)

**Warning:** Never use these devices in applications where the safety of a person depends on their functionality.

## Safety instructions:

After expiring of the service life, the product has to be disposed of in a separate collection of electric and electronic devices.

## Intended use:

The LED-light is affected for general lighting purposes and suitable for permanent operation.

## General safety:

Do not open the housing of the LED-light under any circumstances. Repairs should be carried out by qualified personnel only. Damaged connection cables may only be replaced by the manufacturer, the service representative or a comparable qualified person.

Use the LED-light in an assembled condition only.

## Mounting / Fixing:

The LED-light is delivered in a completely assembled condition.

Fixing the LED-light is made by the included V2A stainless steel bracket.

## Avoid voltage peaks when power supply is provided by a machine:

By operating the LED-light using a 24V power supply please note that the starting of huge machines (inductances), which are also supplied by the same power supply, can cause very strong voltage peaks that destroy the LED-light. Besides, Hot Plugging is to avoid (connection to a power supply unit that is already connected to a power supply), as this can also cause destruction of the LED-lamp. These damages can only be repaired with great effort and thus cause high costs.

## Safe operation:

The operating voltage of the LED-light that is indicated on the type plate has to be compatible with the power supply voltage of the machine, respectively of the power supply unit. The LED-light may in no case be covered with towels, films or similar items. Do not direct into eyes. Object distance to LED-light has to be at least 10 cm.

When mounting the LED-light make sure that it is firmly fixed with the V2A-stainless steel brackets. If the light falls down there is a risk of injury due to its own weight!

## Replacement of light source:

The LED-light source unit may only be replaced by qualified experts in the factory.

## Cleaning / Maintenance:

Special care is not required. Severe soiling can be cleaned with a solvent-free, well-absorbing cloth.