

AquaTimer

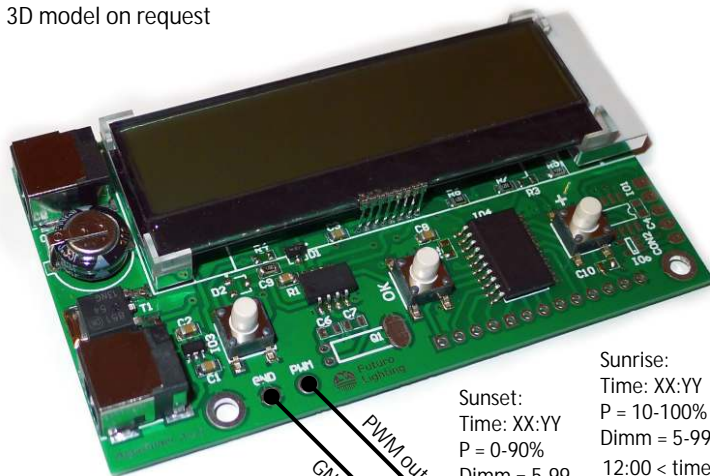


Futuro  
Lighting  
design

2014ENG

# AquaTimer, OEM PCB

Available as bare PCB or end user product  
3D model on request



Sunset:  
Time: XX:YY  
P = 0-90%  
Dimm = 5-99  
0:00 < time < 11:59

Sunrise:  
Time: XX:YY  
P = 10-100%  
Dimm = 5-99  
12:00 < time < 23:59

## Specification:

Supply Voltage: 6-25 VDC

Supply current: <15 mA

Power consumption: 0,65 W max

Clock source: RTC 24h

Settings for sunset and sunrise:

Start time XX:YY

Intensity 0-100%

Dimm time: 5-99 minutes

## Others:

- Reverse protection
- >3 days clock backup

## Artificial sun for Aquarium life

Application example

PWM frequency: 2000 Hz

Resolution: 1000 steps

Output-1: 5V / 10mA

(PCB solder pads)

Output-2: CV, 6A max

(2,1 mm DC connector)

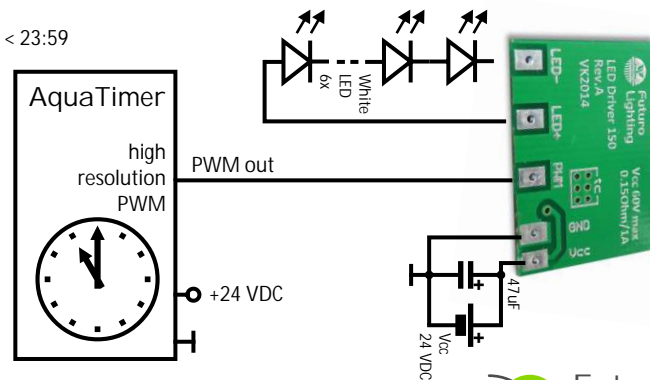
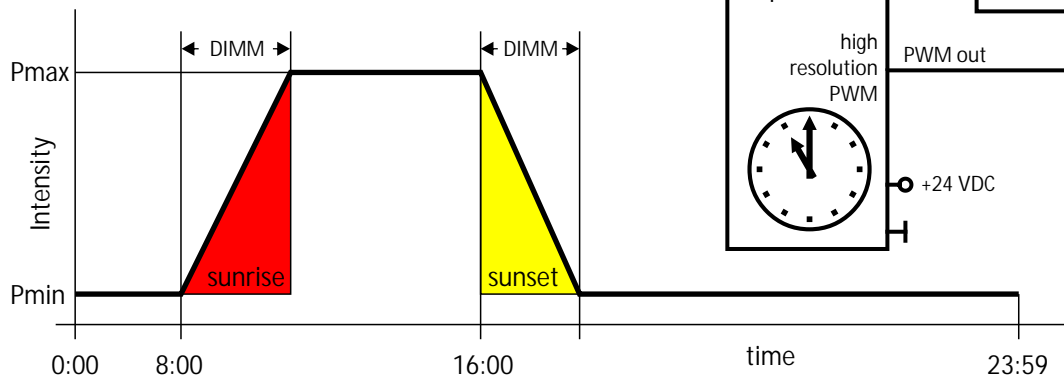
Display: 2x16 characters

Actual time, status,

intensity, Menu

Illuminated (white)

Dimensions: 87x50x10 mm



# AquaTimer



## Artificial sun for Aquarium life

*Application example*

### Specification:

Supply Voltage: 6-25 VDC

Supply current: <15 mA

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Clock source: RTC 24h

Settings for sunset and sunrise:

Start time XX:YY

Intensity 0-100%

Dimm time: 5-99 minutes

Others:

- Reverse protection

- >3 days clock backup

PWM frequency: 2000 Hz

Resolution: 1000 steps

Output: CV, 6A max

Display: 2x16 characters

Actual time, status,

intensity, Menu

Illuminated (white)

Dimen.: 92x59x23,5 mm

Weight: 90 g

Sunrise:

Time: XX:YY

P = 10-100%

Dimm = 5-99

0:00 < time < 11:59

Sunset:

Time: XX:YY

P = 0-90%

Dimm = 5-99

12:00 < time < 23:59

