

Aqua Timer

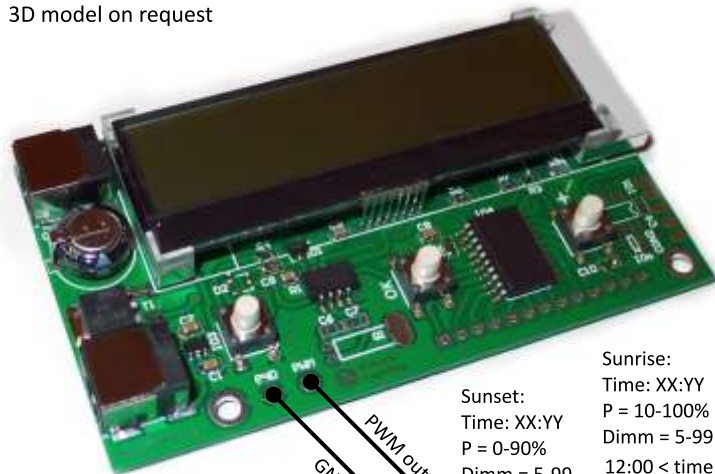


**Futuro
Lighting**
design

2014ENG

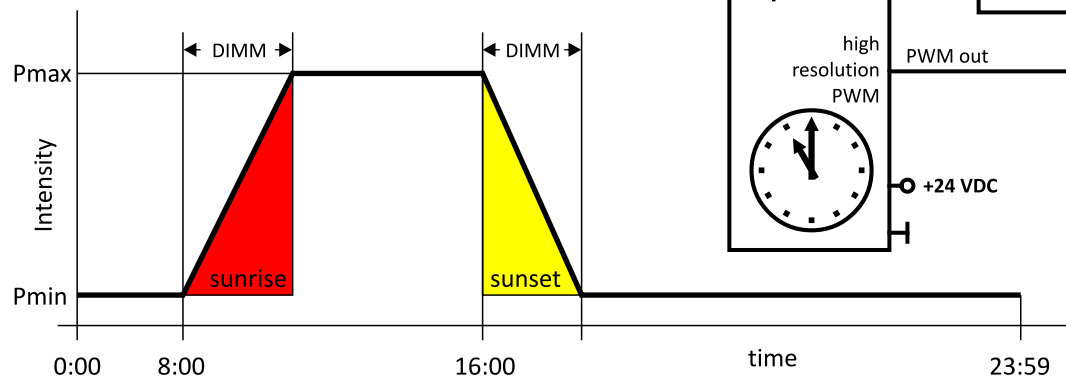
AquaTimer, OEM PCB

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



Artificial sun for Aquarium life
Application example

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

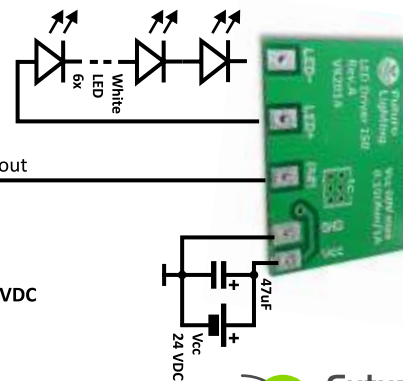
Others:

- Reverse protection
- >3 days clock backup

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



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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

