

New Orphek Atlantik V4 Compact Reef LED Lighting

For Both Android and Iphone

For Optimal SPS/LPS Coral Growth and Color, Replacing 250w Metal Halide Aquariums

For Aquarium size of 39" x 27" / 100cm x 70cm.



Features

- Built- in Wireless Worldwide Remote and Local programming, control and monitoring.
- Ability to program multiple Atlantiks individually, in groups or in unison.
- Eight pre-installed programs/ unlimited custom programs and group programming.
- Full dimming capacity in all channels, 0-100% with progressive dimming.
- Demo Mode Color Change (Jellyfish Mode)
- Large storage with capacity for additional programs.
- Compatible with Wi-Fi/ 3G and 4G Internet connectivity
- Compatible with IOS (Iphone and Ipad) and Android (Cell and tablet)
- Free apps available (App Store & Google play).

Specifications

Electrical

MeanWell driver: 1xCLG-150-36A

Input Voltage: 100-240VAC

227VAC for North America only

Frequency: 47-63Hz

Power Consumption: 120 ~ 130 watts

PF (Power Factor) 0.966

Input Current (Amps) 0.833

Input Voltage (V) 220

Output Voltage (V) 36

Electrical outlet: Region appropriate

Cords

Power extension cord with waterproof connector from light unit to power box: Total 118" (3m)

Power Cord: 59" (1.5m)

Dimensions

Length: 13.58" (345mm)

width: 9.37" (238mm)

Height: 2.11" (53.6mm)

Color/Materials

Light Unit Body Material:

Black acrylic housing and silver stainless steel grill.

Weight

Light Unit Weight: 7 lbs (3.48kg)

Power Supply Weight: 2 lbs (1.02kg)

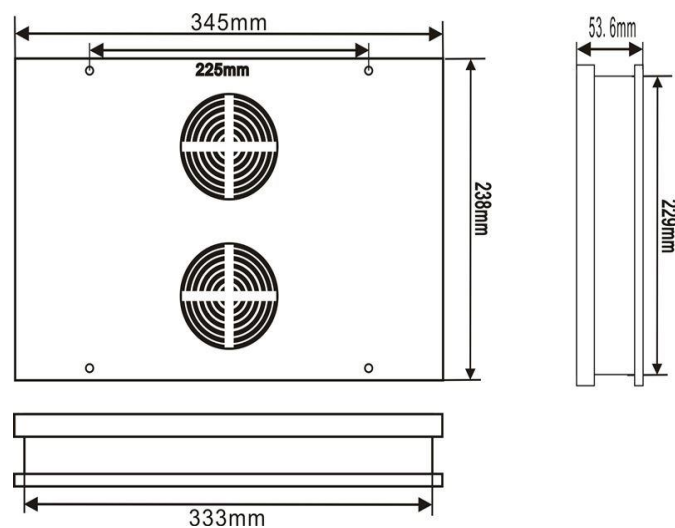
Total Weight: 9 lbs (4.5kg)

Hanging Kit

2 steel cables: 9.84" (250mm)

1 steel cable: 70.86" (1.8m)

Dimensions



Light Source

Features

- New 42 customized high efficiency 5w Dual-Chip power LEDs – total of 84 individual LEDs.
- New 14 different types of Dual chip wide range LEDs. 380nm UV to 850nm Infra red!
- First company to introduce the Infra red 850nm.
- New Spectrum for better coral growth, color and health.
- Four separate control and programming channels.

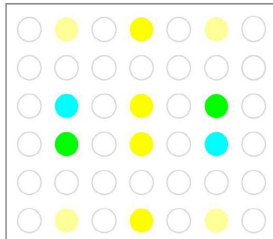
LEDs

42pcs 5 watts Dual-chip LEDs

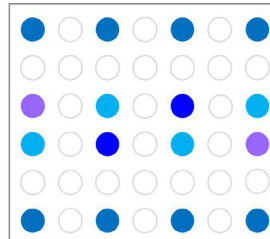
LEDs Ratio Map

| Channel | CH1 | | | | CH2 | | | | CH3 | | | CH4 | | | |
|----------|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|
| LEDs Qty | 4 | 4 | 2 | 2 | 4 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Color | W 20000K | W 5000K | 525nm | 500nm | 470nm | 460nm | 440nm | 430nm | 410nm | 420nm | 380nm | 460nm | 590nm | W-R | 850nm |
| Symbol |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

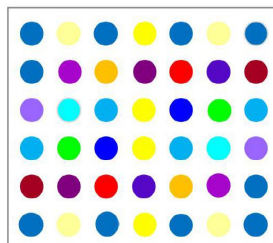
CH1



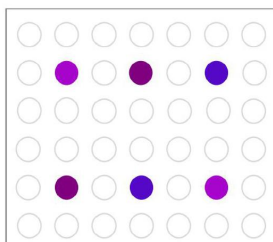
CH2



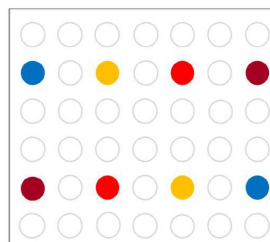
ALL Channels



CH3



CH4



What Can i do with 4 Channels?

- Achieve a Kelvin temperature between 18k and 30k: Channels 1 and 2.
- Achieve that deep blue/purple actinic look that causes coral to fluoresce and show color that are not visible in the higher range of the visible spectrum: Channels 2 and 3.
- Achieve a warm shallow sunlit reef and extend the range from 10K to 18K: Channel 4 and 1.
- Increase the overall range of the light to 10k-30k: combining all 4 channels and adjusting to your preferences.



Channel 1



Channel 2



Channel 3



Channel 4



Channel 1&2



Channel 1&3



Channel 1&4



Channel 2&3



Channel 2&4



Channel 3&4



Channel 1&2&3



Channel 1&3&4



Channel 1&3&4



Channel 1&2&4



Channel 2&3&4



Channel 1&2&3&4

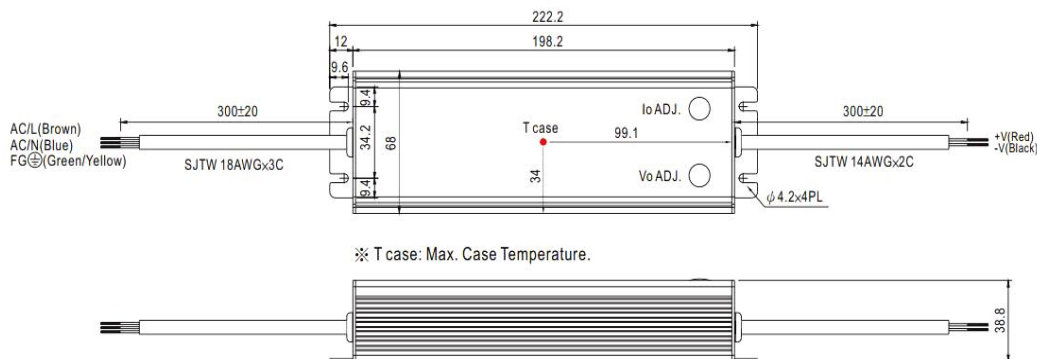
Power Supply



- Universal AC input /Full range(up to 295VAC).
- Built-in active PFC function.
- High efficiency up to 91%.
- Protections:Short circuit/Over current/.
- Over voltage/Over temperature.
- Cooling by free air convection.
- IP65/IP67 design for indoor and outdoor installations.
- Compliance to worldwide safety regulations for lighting.

Dimensions

A Type:(CLG-150-_A)



※ IP65 rated. Output voltage and constant current level can be adjusted through internal potentiometer.
(Can access by removing the rubber stopper on the case.)

Package Dimensions / Weight

Length: 22.8" (580mm)

Width: 13.8" (350mm)

Height: 6.7" (170mm)

Package Weight: 13.4 lbs (6.1kg)

Package V.W.: 15.4 lbs (7.0kg)

