












VP1012 street light - RWS Natura Edition

| | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|--|---|---|
| Standard: | 230 V 50 Hz | 4000K CRI >70 McAdam5 | IP66 | RAL 7036 | 3 x 2,5 mm ² | -O |  |  |  |  |  |
| Options: |  |  |  |  |  |  | | | | | |

Use for: Street and highway lighting.

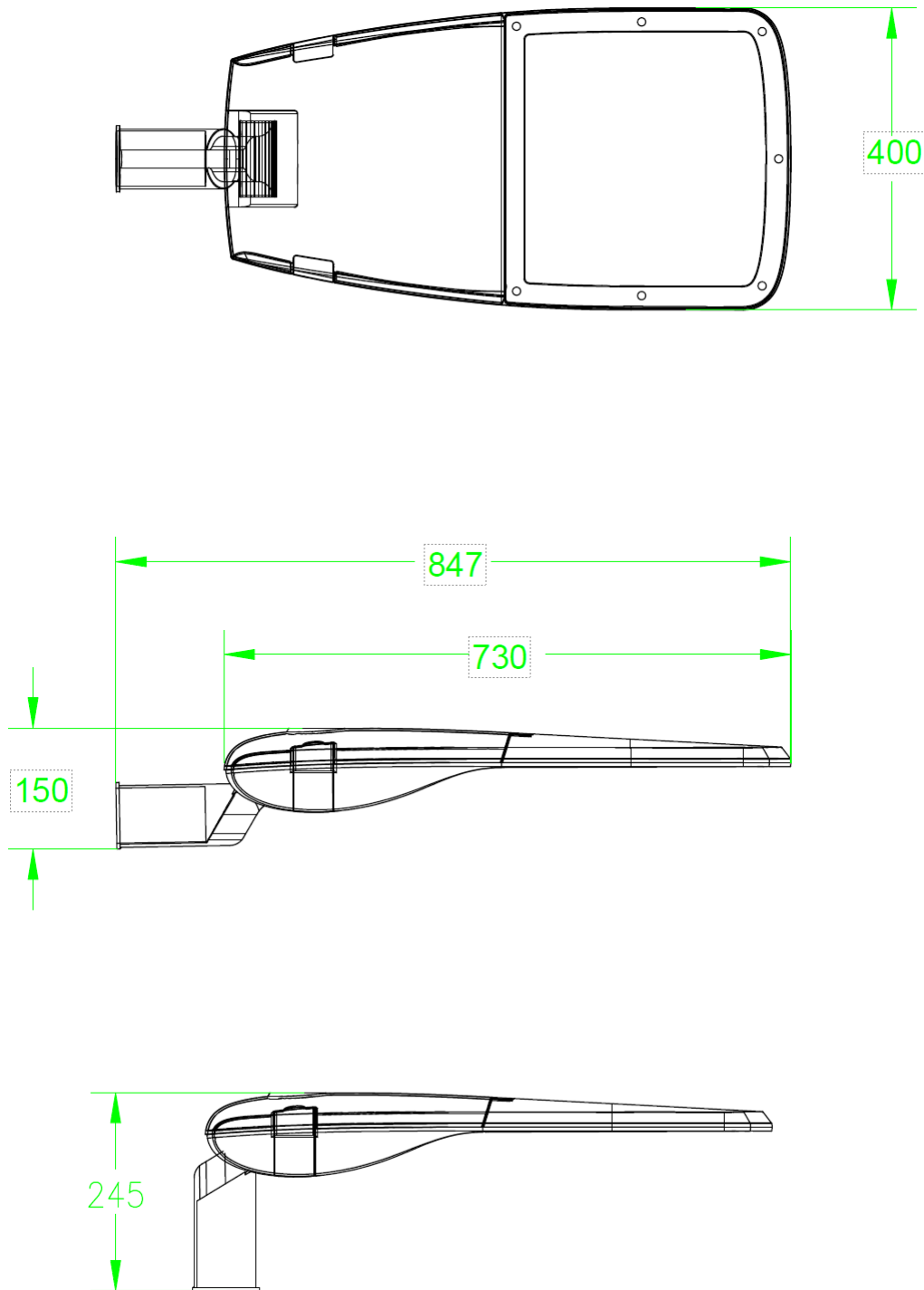
Installation: Pole or arm.

Colour control: The luminaire has adjustable light colour. This luminaire can change during night to most suitable colour temperature for the nature. User can control colour temperature and power level schedules with compatible Zhaga controller node.

Triple colour system with White/Red/Amber LEDs can eliminate the emission of blue light during night time. Humans have evolved in a world with solar-derived light spectra and an absence of light during the night. Flame lamps and fires emit little blue light. The studies strongly suggest that light of non-natural spectrum or timing may have profound and unintended effects on many parameters central to human physiology and to the nature in general.

Technical Properties

| VP1012 | 150 RWS Natura (4000K/Amber/Red) | |
|--|---|-----------------------------------|
| Input power W / channel | 0, 15 - 150 | |
| Useful quantity of light lm / channel | 0, 2 000 - 20 000 | |
| Power ratio | According to standard EN 61000-3-2 | |
| Operating temperature °C | -40...+45 ⁽¹⁾ | |
| Weight kg | ~14 | |
| Materials | Painted (stoved) aluminium casting and arm bracket, hardened 5 mm glass with special coating. | |
| Fastening | Ø 60 mm or Ø 76 mm pole or shaft | |
| Tilt angle | 0°, ± 5°, ± 10°, ± 15° | |
| LED lumen maintenance | Compensated with a patented method that is based on the actualized power usage. | Typically less than 10%/100 000 h |
| Life span L ₈₀ B ₁₀ C ₁₀ T _a 25 °C | > 100 000 h | 100 000 h |



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Subject to change without prior notice.