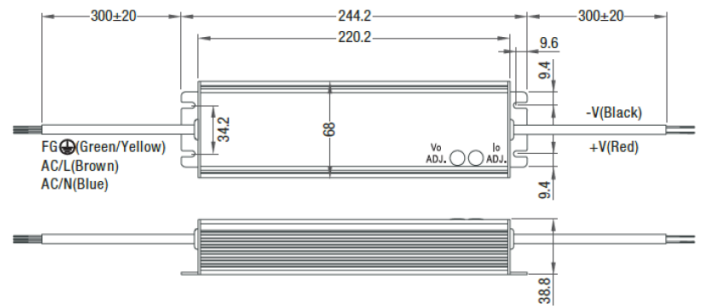




Product Code	Output Type	Output Voltage	Rated Power	No. Channels	Dimming	IP Rating
AQDR/CV/24/240FO	Constant Voltage	24 V DC	240 W	1	N/A	IP65

FEATURES

- Fully encapsulated to IP65 rating
- Constant voltage design
- Universal AC input / full range 90-305V AC
- Built-in active PFC function
- High efficiency up to 92.5%
- Protections include short circuit, over current, over voltage, and over temperature
- Cooling by free air convection
- OCP point adjustable through internal potentiometer
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting



SAFETY GUIDANCE

- Only to be installed by a qualified electrician.
- Installation must be carried out in accordance with local regulations.
- Turn off mains power to the driver during installation and any subsequent disconnecting / reconnecting at the fitting.
- Use correct polarity when wiring.
- Do not cover the luminaire or driver with thermal insulation or vapour barrier.

Parameter	Specification
Output DC Voltage (V)	24
Rated Current (A)	10
Output Rated Power (W)	240
Input Voltage Range (V)	AC 90-305V 47/63Hz
Efficiency (Typ.) (%)	92.5%
Working Temperature (°C)	-40 ~ +70
Working Humidity (%)	20-95% RH non-condensing
Protection: Over Current	95-108% Protection Type: Constant current limiting, recovers automatically after fault condition is removed.
Protection: Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
Protection: Over Voltage	27-34V. Protection Type: Shut down and latch off o/p voltage, re-power on to recover.
Protection: Over Temperature	Shut down o/p voltage, recovers automatically after temperature goes down.
Safety Standards	UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750, CSA C22.2 No. 250.0-08, TUV EN61347-1, EN61347-2-13 Independent, UL60950-1, UL8750, TUV EN60950-1, IP65 Approved, J61347-1, J61347-2-13
EMI Emission Compliance	EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (≥50% Load); EN61000-3-3
EMC Immunity Compliance	EN61000-4-2/3/4/5/6/8/11, EN61547, EN55024, Light Industry Level (Surge 4kV), Criteria B

