

New AC/DC-LED-Driver is dimmable down to zero and flicker free

TRIAC-dimmers were originally designed to dim incandescent filament lamps. The elimination of these lamp types increases the need for alternative dimming methods. The use of TRIAC-dimmers in the LED-systems causes unwanted flicker, visible to the eye, due to phase modulation. This prevents linear dimming of LEDs down to zero. If existing TRIAC-dimmers are to be used with LED-systems, a new type of LED-Driver is required.



Recom releases with the RACT20-family a new generation of AC/AC-drivers, that can be dimmed linearly and without flicker from 100% down to zero. The RACT20-family is equipped with a specially developed TRIAC input, which is not affected by the PFC-circuit of the driver. An ideal solution for many LED-systems, where dimming is easy.

These new AC/DC-drivers are available with either 230VAC or 115VAC input. They offer 20 Watt and can support 5 to 15 power LEDs or LED-chains, with constant currents of 350, 500, 700 or 1050mA. The power factor (PFC) is >95% and therefore better than required by EN 61000-3-2. RACT20-drivers are designed for indoor applications, class IP20 and measure only 32.6 x 16.5 x 11.1mm (L x W x H). They are EN/UL 60950-1 certified with a "Design Lifetime" >70.000 hours. Warranty is 5 years.

Datasheets and additional information can be found on <http://www.recom-international.com>