

L05016i LEDlight 1-20VA 0.25-1A DIM 1-10V, pulse

Features

The L05016i LEDlight is a stabilized and adjustable current source supplying two output channels. Adjustments are easily made with a build-in single potentiometer. Channel one can drive from 250mA up to 1A max. Channel two can drive from 250mA to 500mA max. The Driver is dimmable with a standard 1-10V device, a potentiometer or with a pulse switch.

Specifications

System input voltage nominal	110-240Vac
System input voltage range	110-240Vac
System input frequency	50/60Hz
System input power	24W
Output current channel one	250-1000mA stabilized adjustable current source.
Output current channel two	250-500mA stabilized adjustable current source.
Operating voltage output	33Vdc max
Driver efficiency	85%
Power factor	0.9C
Nominal line current	110V: 0,23A 240V: 0,11A
Output power	240V: 20 Watt 110V: 15 Watt
LED type	Current (U_{nom} 230-240VAC)
Number of LEDs at channel 1	1-9 U_f 3.2V Max.
Number of LEDs at channel 2	1-9 U_f 3.2V Max.
Dimmer type	1-10V, potentiometer or pulse switch (SELV EQ.)
Load Operating Frequency	PWM 230Hz.
Open Circuit Voltage	33Vdc
Short circuit protection	Yes
Open circuit protection	Yes
Overvoltage protection	Yes
Load voltage Setting Time (>90%)	1 second
Thermal protection	Yes, against overheating
Output current overshoot	No
Output Isolation	Yes SELV
Ambient Temperature range (Ta)	-20 +50° C
Leads Primary	H05RN-F 1 mm ²
Leads Secondary	0.1 mm ² – 0.5 mm ²
Lead Connection Method	Clamp
Mounting Method	Screw
Weight	100 gram
Case color	Grey / Blue
Maximum Case temperature (Tc)	85°C
Storage Temperature range	-20 +50° C
Case dimensions (LxWxH)	111 x 52 x 23,5 mm



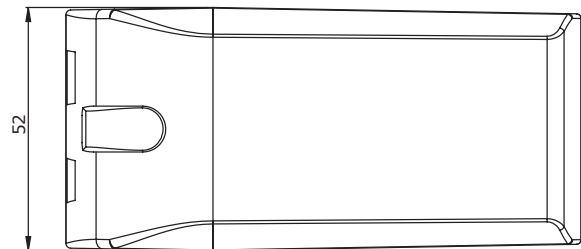
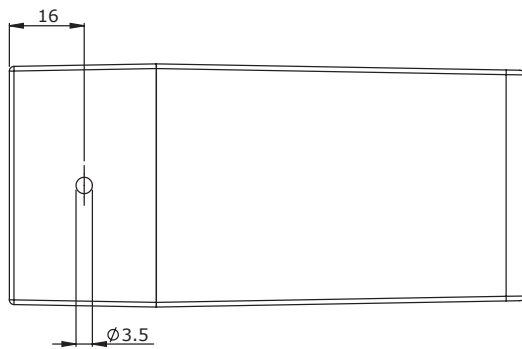
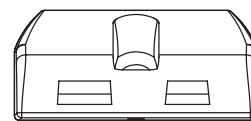
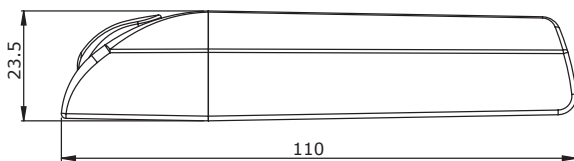
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Approvals

CE, KEMA KEUR, ENEC-05

Complies with standards

EN 61547, EN 55015, EN 61000-3-2, EN 62384,
EN 61347-2-13



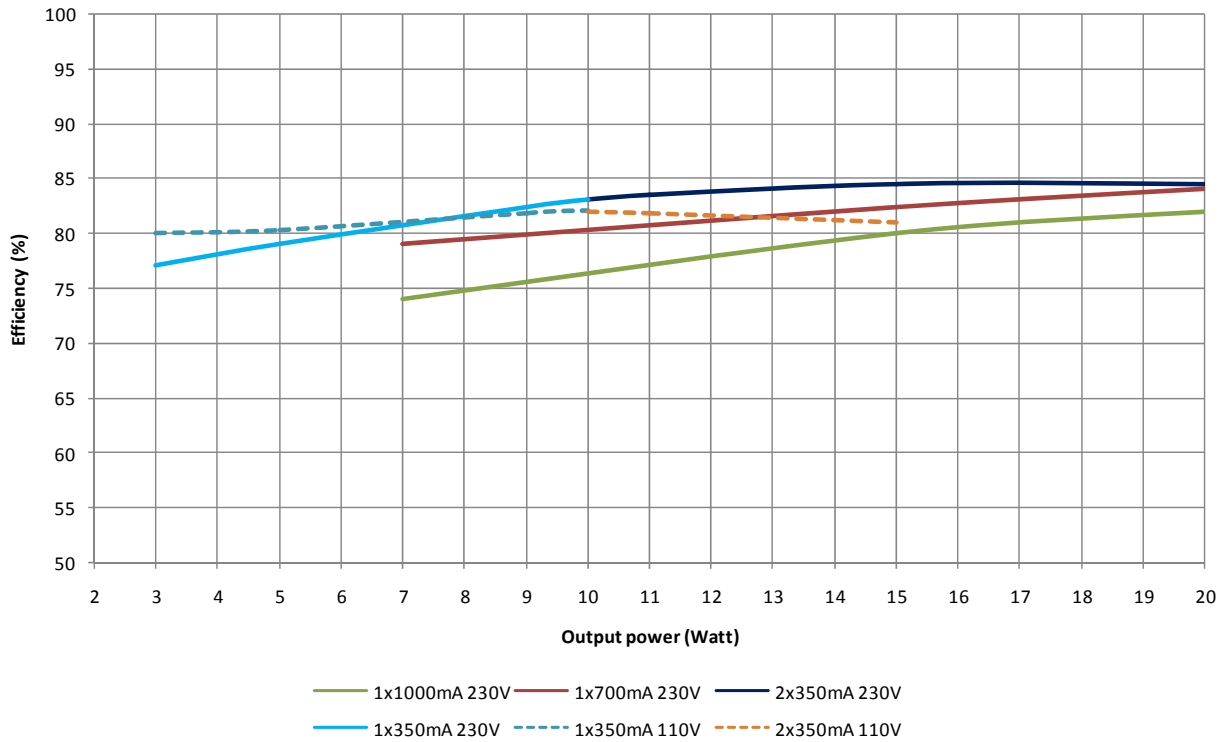
Order

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Efficiency



Power factor

