L05016ci LEDlight 1-20VA 110mA -500mA DIM 1-10V, pulse

Features

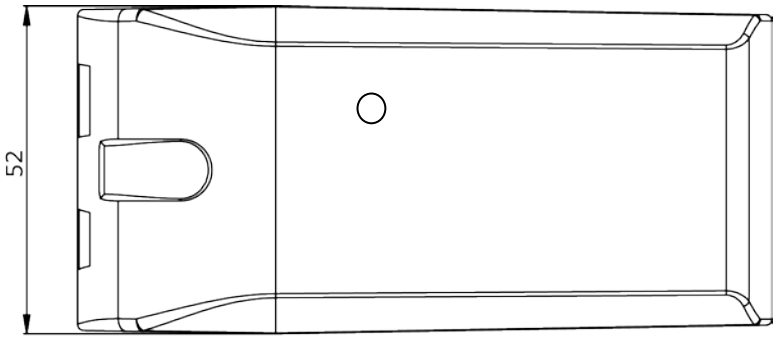
The L05016ci LEDlight is a stabilized and adjustable current source.
Adjustments are easily made with a built in single potentiometer.
Output can drive from 110mA up to 500mA max, with a maximum output voltage of 43V,
Driver is dimmable with a standard 1-10V device, a potentiometer or with a pulse switch.
Driver is specially designed for led arrays.

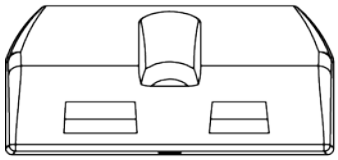
Specifications

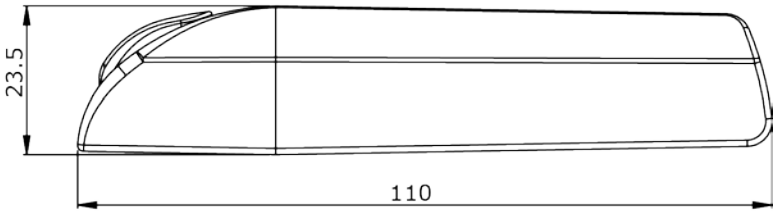
System input voltage nominal	110-240Vac
System input voltage range	110-240Vac
System input frequency	50/60 Hz
System input power	24W
Output current	110-500 mA stabilized adjustable current source.
Operating voltage output	43Vdc Max
Driver efficiency	85%
Power factor	0,9C
Nominal line current	115V: 0,23A 240V: 0,11A
Output power	240V: 20 Watt 115V: 15 Watt
LED type	Current (U_{nom} 230-240VAC)
Number of LEDs	1 U_f 1V - 43V Max. or 13 U_f 1V – 3,2V Max
Dimmer type	1-10V, potentiometer or pulse switch (SELV EQ.)
Load operating frequency	PWM 230 Hz
Open circuit voltage	45,5Vdc
Short circuit protection	Yes
Open circuit protection	Yes
Overvoltage protection	Yes
Load voltage setting time	1 second
Thermal protection	Yes, against overheating
Output current overshoot	No
Output isolation	Yes SELV EQ.:Yes
Ambient temperature range	0 +50°
Leads primary	H05RN – F 1 mm^2
Leads secundary	0.1 mm^2 – 0.5 mm^2
Lead connection method	Clamp
Mounting method	Screw
Weight	105 gram
Case colour	Grey
Maximum case temperature (Tc)	< 85°
Storage temperature range	-20 +50° C
Case dimensions	110 x 52 x 24 mm
Approvals	CE
Complies with standards	EN 61547, EN 55015, EN61000-3-2, EN 62384, EN 61347-2-13

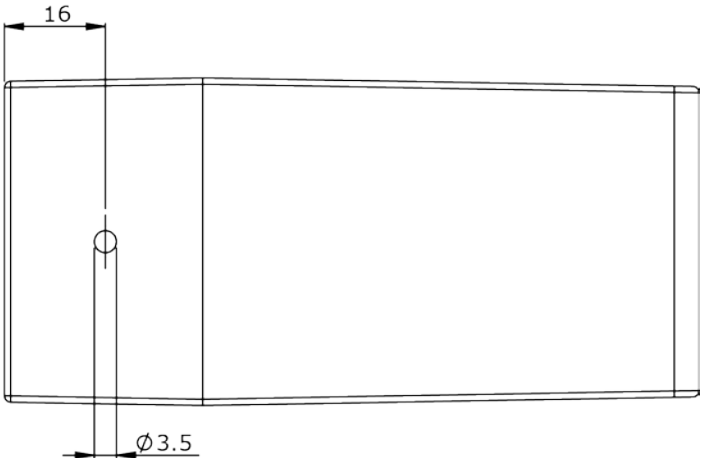
CE RoHS Compliant

Technical drawings









Technical specifications