

Description

The L05021 LEDlight 1-12VA MINIDIM is a LED Driver which supplies 350 or 700mA.
The 350mA channel can drive 1 to 9 LEDs of 1.2W. The 700mA channel can drive 1 to 4 LED's of 2.5 or 3W.

Input / Output

System Input Voltage Nominal	230-240V	Driver Efficiency	70%
System Input Voltage Range		Power Factor	0.9 C
System Input Frequency	50Hz	Nominal Line current	0.070 A_{eff}
System Input Power	15W		
Output current	350mA or 700mA	Output Voltage ripple	
Operating Voltage Output	Depending on forward voltage of the LED, but 32V max.	Output power	1 Watt (min.) 10.5 Watt (max.)

Agency Approvals

	CE, ENEC-05
Immunity	EN 61547
EMI/RFI	EN 55015 (Conducted disturbance) EN 61000-3-2 (Harmonics & crest limits)
Performance	EN 62384
Safety	EN 61347-2-13

Load

LED type	Current	Thermal protection	Yes, against overheating
Number of LED's at 350mA	1-9 LED's of 1.2W in serie (max. forward voltage 32V)	Output current overshoot	1,2 A max. Peak value (0.93A RMS)
Number of LED's at 700mA	1-4 LED's of 2.5/3W in serie (max. forward voltage 18V)	Output Isolation	yes Selv: yes
Dimmer type	Trailing edge	Noise Level	
Load Operating Frequency		Circuit Lifetime	
Open Circuit Voltage	32V	Ambient Temperature range (Ta)	-20 +45°C
Short circuit protection	Yes	Max. Case temperature (Tc)	<85°C
Open circuit protection	Yes	Storage Temperature range	-20 +50°C
Overvoltage protection	Yes	Failure Rate	nihil
Load voltage Setting Time (>90%)	1 sec.	RohS compliant	Yes

Packaging

Potting	No	weight	70 gram
Leads Pri.	H05RN-F 1mm²	Case color	grey blue
Leads Sec.	0.25mm² – 1.0mm²	Maximum case height	23.5mm
Lead Connection Method	clamp	Maximum case width	39mm
Mounting Method	Screw	Maximum case length	99mm