

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

### Agency Approvals

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

### Load

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

### Packaging

Potting	<b>No</b>	weight	<b>70 gram</b>
Leads Pri.	<b>H05RN-F 1mm<sup>2</sup></b>	Case color	<b>grey blue</b>
Leads Sec.	<b>0.25mm<sup>2</sup> – 1.0mm<sup>2</sup></b>	Maximum case height	<b>23.5mm</b>
Lead Connection Method	<b>clamp</b>	Maximum case width	<b>39mm</b>
Mounting Method	<b>Screw</b>	Maximum case length	<b>99mm</b>