

### Description

The L05020 LEDlight 1-12VA 350/700mA is an LED Driver which supplies 350 or 700mA.

### Input / Output

System Input Voltage Nominal	<b>110-240V</b>	Driver Efficiency	<b>82%</b>
System Input Frequency	<b>50/60Hz</b>	Power Factor	<b>0.9C</b>
System Input Power	<b>14.6W</b>	Nominal Line current	
Output current	<b>350mA or 700mA</b>	Output Voltage ripple	
Operating Voltage Output	<b>Depending on the no. of LEDs, but 32V max. at 350mA and 15V at 700mA</b>	Output power	<b>1 Watt (min.) 12 Watt (max.)</b>

### Approvals

	<b>CE, ENEC, KEMA KEUR</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>
RohS compliant	<b>Yes</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>No</b>
Number of LED's at 700mA	<b>1-5 LED's of 2.3W in serie (max. forward voltage 15V)</b>	Output Isolation	<b>Yes Selv: Yes</b>
Dimmer type	<b>none</b>	Noise Level	
Load Operating Frequency		Circuit Lifetime	<b>50.000hrs @ Ta 35°C</b>
Open Circuit Voltage	<b>32V</b>	Ambient Temperature range (Ta)	<b>-20 +50°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>0.5sec</b>		

### Packaging

Potting	<b>No</b>	weight	<b>70 gram</b>
Leads Pri.	<b>H05RN-F 1mm2</b>	Case color	<b>grey</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>