

Description

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

Input / Output

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

Approvals

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

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

Packaging

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