

Description

The L05011i LEDlight has three current and three voltage settings. Currents: 350, 700 and 1050mA. Voltages: 10, 12 and 24V. The Driver is dimmable with a standard 1-10V device, a potentiometer or with a pulse switch.

Input / Output

System Input Voltage Nominal	110-240Vac	Driver Efficiency	85%
System Input Voltage Range	110-240Vac	Power Factor	0.9C
System Input Frequency	50/60Hz	Nominal Line current	
System Input Power	24W	Output Voltage ripple	0.5V
Output current	350mA or 700mA or 1050mA	Output power (current setting)	240V: 20 Watt (max.) 110V: 15 Watt (max.)
Operating Voltage (current setting)	Depending on forward voltage of the LED, but 33V max.		
Operating Voltage (voltage setting)	10V / 10W / 1A 12V / 12W / 1A 24V / 20W /0,83A on 110V: 15W		

Approvals

	CE, KEMA KEUR, 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

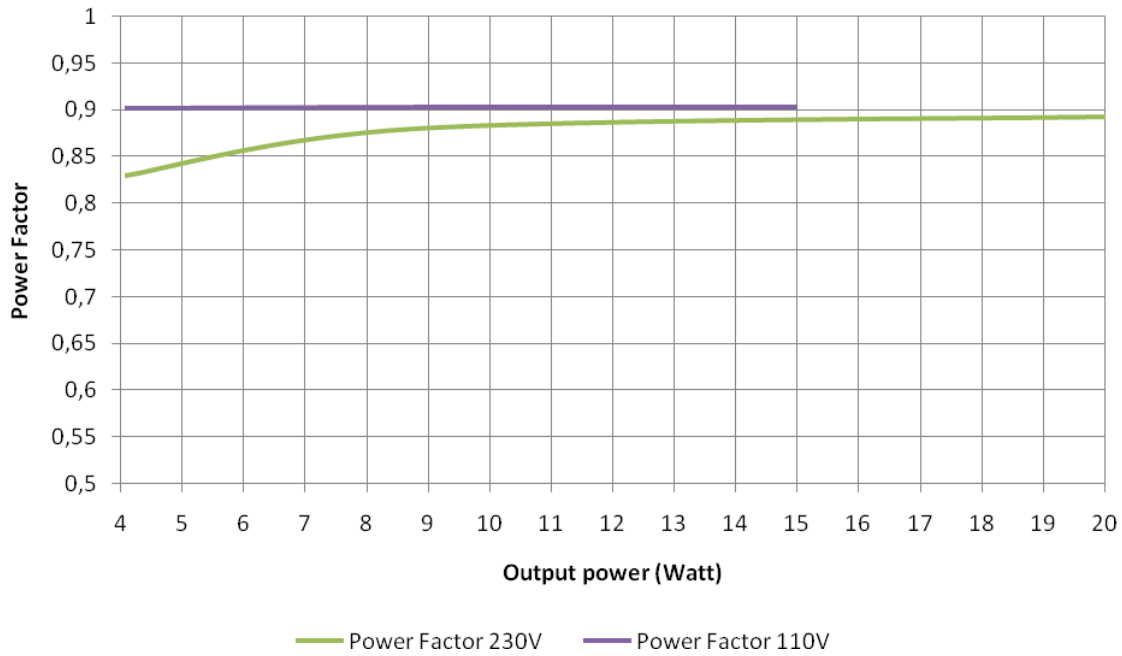
Load

LED type	Current and Voltage (U_{nom} 230-240VAC)	Thermal protection	Yes, against overheating
Number of LED's at 350mA	9 U, 3.2V Max.	Output current overshoot	No
Number of LED's at 700mA	8 U, 3.4V Max.	Output Isolation	Yes SELV EQ.: Yes
Number of LED's at 1000mA	4 U, 4.0V Max.	Noise Level	
Dimmer type	1-10V, potentiometer or pulse switch (SELV EQ.)	Circuit Lifetime	
Load Operating Frequency	PWM 230Hz	Ambient Temperature range (Ta)	0 +50°C
Open Circuit Voltage	33Vdc	Max. Case temperature (Tc)	<85°C
Short circuit protection	Yes	Storage Temperature range	-20 +50°C
Open circuit protection	Yes	Failure Rate	Nihil
Overvoltage protection	Yes	RohS compliant	Yes
Load voltage Setting Time (>90%)	1 sec.		

Packaging

Potting	No	weight	105 gram
Leads Pri.	H05RN-F 1mm²	Case color	grey, blue
Leads Sec.	0.1mm² – 0.5mm²	Maximum case height	24mm
Lead Connection Method	Clamp	Maximum case width	52mm
Mounting Method	Screw	Maximum case length	111mm

Powerfactor @ Uout ± 26V



Efficiency @ Uout ± 26V

