

L05011i LEDlight 1-20VA Unidim

Features

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.

Specifications

System input voltage nominal	110-240Vac		
System input voltage range	110-240Vac		
System Input Frequency	50 / 60Hz		
System Input Power	24W		
Output current	350mA / 700mA / 1050mA		
Operating Voltage (current setting)	Depending on forward voltage of the LED, but 33V max.		
Operating Voltage (voltage setting)	Output	Power	Current
	10V	10W	1A
	12V	12W	1A
	24V	20W	0,83A
	on 110V	15W	
Driver efficiency	85%		
Power factor	0.9C		
Output power (current setting)	240V: 20 Watt (max.) 110V: 15 Watt (max.)		
LED type	Current and Voltage (U ^{nom} 230-240VAC)		
Number of LEDs at 350mA	9 U _f 3.2V Max.		
Number of LEDs at 700mA	8 U _f 3.4V Max.		
Number of LEDs at 1000mA	4 U _f 4.0V Max.		
Dimmer type	1-10V, potentiometer or pulse switch (SELV EQ.)		
Load Operating Frequency	PWM 230Hz		
Open Circuit Voltage	33Vdc		
Short circuit protection	Yes		
Open circuit protection	Yes		
Overvoltage protection	Yes		
Load voltage Setting Time (>90%)	1 second		
Thermal protection	Yes, against overheating		
Output current overshoot	No		
Output Isolation	Yes SELV		
Circuit Lifetime	50.000 hr, ta 35° C		
Ambient Temperature range (Ta)	-20 +50° C		
Leads Primary	H05RN-F 1 mm ²		
Leads Secondary	0.1 mm ² – 0.5 mm ²		
Lead Connection Method	Clamp		
Mounting Method	Screw		
Weight	105 gram		
Case color	Grey / Blue		



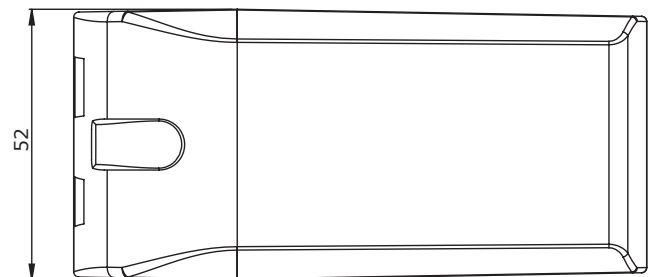
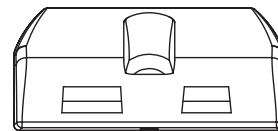
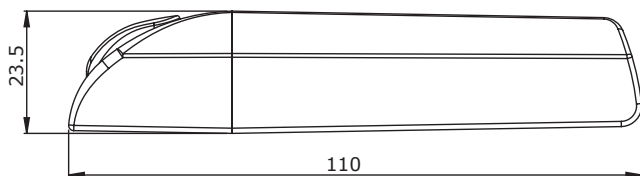
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Maximum Case temperature (Tc)	< 85°C
Storage Temperature range	-20 +50°C
Dimensions (LxWxH)	111 x 52 x 24 mm
Approvals	CE, KEMA KEUR, ENEC-05
Complies with standards	EN 61547, EN 55015 (Conducted disturbance), EN 61000-3-2 (Harmonics & crest limits), EN 62384, EN 61347-2-13



Technical drawing

Some technical drawings of this product are shown below.



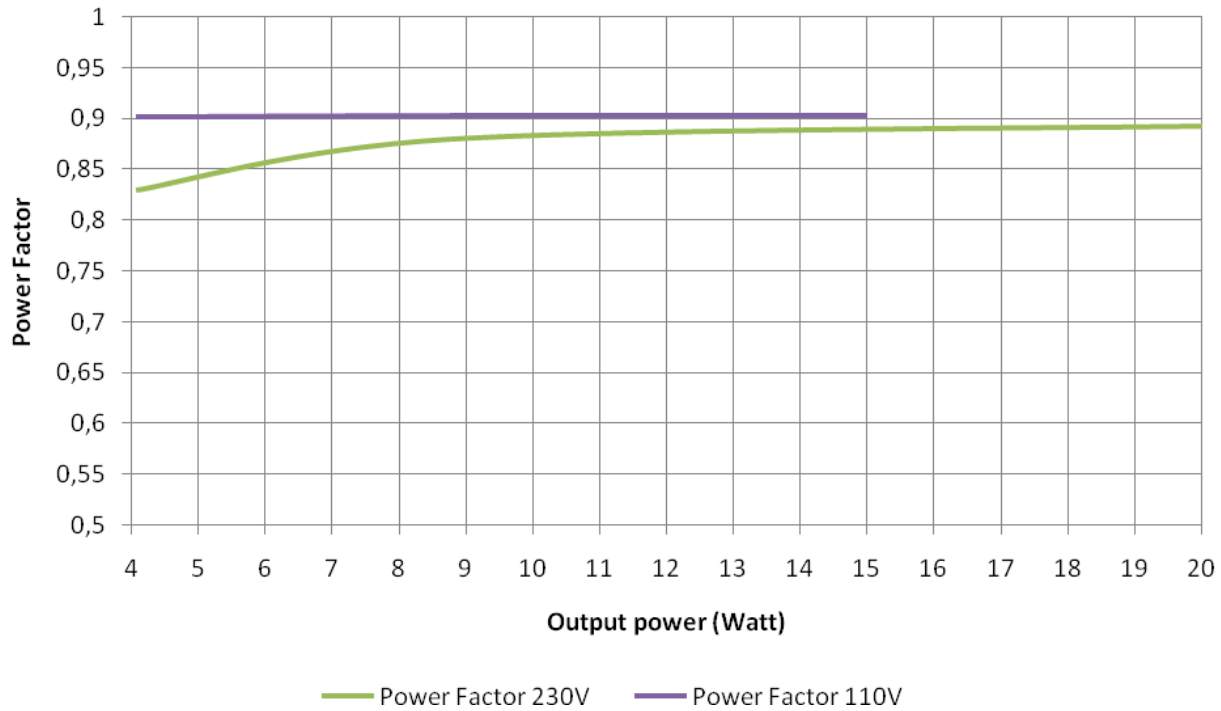
Order

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Powerfactor @ Uout ± 26V



Efficiency @ Uout ± 26V

