

## LS-20-350 LI1

LED power supply for 350 mA constant current  
30...50 Vdc, 10,5...17,5 W, IP20, independent installation, non-dimmable



## Electrical data

<b>Input voltage (range)</b>	176...264 Vac	
<b>Rated input voltage (AC)</b>	220...240 Vac	
<b>Rated input voltage (DC)</b>	176...280 Vdc	
<b>Mains frequency</b>	50/60 Hz	
<b>Power factor (<math>\lambda</math>)</b>	$\geq 0.9$	Full Load, 240 Vac
<b>Input current</b>	0.16 A	Full Load, 176 Vac
<b>Inrush current</b>	20 A	
<b>Leakage current</b>	$< 0.7$ mA	240 Vac
<b>Output voltage</b>	30...50 Vdc	
<b>Output current</b>	350 mA	
<b>Output power (nominal)</b>	10.5...17.5 W	
<b>Efficiency</b>	$\geq 85$ %	
<b>Life time</b>	$> 50000$ h	45 °C
<b>Dimmable</b>	No	

## Operating condition

<b>Operating temperature range (<math>t_a</math>)</b>	-20...+45 °C
<b>Max. Surface temperature (<math>t_c</math>)</b>	80 °C
<b>Permitted rel. humidity during operation</b>	20...90 %
<b>Protection class</b>	II
<b>Type of protection</b>	IP20

## Protection

<b>Short circuit protection</b>	Yes *
<b>Overload protection</b>	Yes *
<b>Overvoltage protection</b>	Yes *
<b>Overheating protection</b>	No

(\*) The output shut off and will be resumed after problem is removed and led driver is restarted.

## Standards & Certificates

<b>Standards (LVD)</b>	EN 61347-1, EN 61347-2-13 EN 62384
<b>Standards (EMC)</b>	EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-5 EN 55015, EN 61547
<b>Approval marks</b>	CE, KEMA, ENEC
<b>RoHS compliant</b>	Yes

## Dimension & Installation

<b>Type of installation</b>	Independent installation
<b>Type of connection</b>	Spring-loaded terminal
<b>Cable cross-section, input side</b>	0.75...1.5 mm <sup>2</sup>
<b>Cable cross-section, output side</b>	0.75...1.5 mm <sup>2</sup>
<b>Cable preparation length, input side</b>	6...8 mm
<b>Cable preparation length, output side</b>	6...8 mm

