



LED Driver SPEC

Model Name **ED-SI 42W350I 220-240**

1) Compliances and Approvals

Approval markings	CE, F-mark, SELV, IP20,
Construction Classification	Build-in
Application	ClassII, Indoor
RoHS/REACH	ROHS

2) Technical data for installation

	Min.	Nom.	Max.	
Rated mains voltage		220-240		Vrms
Operational mains voltage limits	198		264	Vrms
Mains frequency for Safety	45	50-60	66	Hz
Maximum driver per MCB			12	Pcs
operational mains temperature limits	-15		45	°C
DC voltage operation		NA		

3) Performance

	IEC 62384:2006, GB24825-2009	Min.	Nom.	Max.	
Performance standard	IEC 62384:2006, GB24825-2009				
Output Voltage		80		120	Vrms
Output Current			0.35		A
Output Current Tolerance		95%		105%	
Output Voltage Tolerance			NA		
Percent of the output current ripple				5%	
output voltage ripple			NA		mV
System Efficiency			88%		
Powerfactor			0.98		
THD				10%	
Input Power@ None Load				0.5W	
Protection	OVP, SCP				
Thermal protection				110 degree	
Turn-on delay time				0.5	s

4) Immunity & EMI

EMI & Imunity	EN55015, EN61547
- surge	LN 1.2kV test

5) Robustness

Withstand voltage				
- Input-output		>3.75kV		
- Input-FG		NA		
Failure rate	0.25%/ 1000Hrs	<0.1% @ 1000h		
Maximum Tcase			75	°C
Life by T case Life	10% failures @ 30,000 @ Tc 75Deg@ full load	30000h <10% fail rate@Tc		

6) Mechanical

Connection	Type 250			
Housing				
Housing material	metal			
Weight		0.2		kg

L	W	H	M1
280	30	21	270

