

		
PRODUCT SPECIFICATION SHEET		
Model No	LD36I1000PED (SN) (DIP SW)	Format No: IEPL/DND/DI/02-B
I. Model Description		
Code	Parameter	Description
LD	LED Driver Shape	Linear
D	Application	INDOOR
36V	Output Voltage	36Vdc
I	Constant Type	CONSTANT CURRENT
1000	Output Current	1.00A
P	Power Factor Correction & Technology	PSR
ED	Material Type	METAL
II. Test Parameters - Input Characteristics		
		Specification
1.	Supply Voltage (Un) (V)	240
2.	Supply Current (In) (A)	0.175
3.	Watts (P) (W)	40
4.	Power Factor (PF)	0.97
5.	Current Crest Factor	1.5
6.	Current THD%	< 10%
7.	No Load/Stand by Power	< 2W
8.	Operating Voltage Range (VAC)	150-280(VAC)
9.	Potting Applicable /Not Applicable	Not applicable
III. Test Parameters - Output Characteristics		
1.	Output Volts (VDC)	36
2.	Output Current (A)	1
3.	Output Watts(P) (W)	36
4.	Output Volts at no load (VDC)	46
5.	Efficiency (n)	>85%
6.	Ripple voltage V(p-p)	3
7.	Ripple Current (%),Ipk/lavg	< 30%
8.	Load regulation	5%
9.	Line regulation	3%
10.	Output Operating Voltage Range	33-39 (VDC)
IV. Protections		
1.	I/P Over voltage protection(OVP)	310 VAC
2.	Overload Protection	Protected
3.	Output short circuit protection	Protected
4.	Fuse protection	Protected
5.	Over Temperature Protection(Deg.C)	Not Protected
6.	Auto Recovery(Deg.C)	N/A
7.	Low voltage test at 150V for 100 hrs	Protected
8.	Sustain over voltage test at 320V for 48hrs	Protected
9.	Sustain over voltage test at 440V for 8 Hrs	Protected
V. Physical Characteristics		
1.	Box Dimensions (LxWxH), in mm	215X31X28
2.	Mounting Holes distance in mm	205
3.	Weight in gms.	160

4.	Maximum operating case temp, tc	75 deg C
5.	Operating Ambient temp range (ta)	0-50 deg C
VI. Standards Conformation		
1.	Safety Requirements	IS15885(Part 2/Sec.13)
2.	Performance	NA
3.	EMI /RFI	NA
4.	Harmonics	EN61000-3-2
5.	Immunity	EN61547
6.	Applicable statutory Requirement	Covered in above 1 and 5
VII. Approval Marks		
1.	CE	NA
2.	BIS	R-75000833
VIII. Others		
1.	Surge Protection	CM 4KV,DM 4KV
4.	Insulation Resistance Between 1- L,N Short & E. 2-O/P Short & E. 3-L,N Short & O/P Short	IR >10Mohm
5.	Isolation between I/P and O/P(kV)	3KV
IX.DIP Switch		
Pin 1	Pin 2	Iout (mA)
ON	ON	1000
OFF	ON	900
ON	OFF	800
OFF	OFF	700
Note:- 1) All Above specifications are under specified normal Test conditions and subjected to change without prior information. 2) 3)		
Revision no: 01		Controlled By : Prasad Khatavkar