



PRODUCT SPECIFICATION SHEET

Model No	LD36I0800PED (SN) (DIP SW)	Format No: IEPL/DND/DI/02-B
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I. Model Description

Code	Parameter	Description
LD	LED Driver Shape	Linear
D	Application	INDOOR
36V	Output Voltage	36Vdc
I	Constant Type	CONSTANT CURRENT
800	Output Current	0.80A
P	Power Factor Correction & Technology	PSR
ED	Material Type	METAL

II. Test Parameters - Input Characteristics

		Specification
1.	Supply Voltage (Un) (V)	240V
2.	Supply Current (In) (A)	0.14
3.	Watts (P) (W)	32
4.	Power Factor (PF)	0.97
5.	Current Crest Factor	1.5
6.	Current THD%	<10%
7.	No Load/Stand by Power	<1.5
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)	0.8
3.	Output Watts(P) (W)	28.8
4.	Output Volts at no load (VDC)	45
5.	Efficiency (n)	>88%
6.	Ripple voltage V(p-p)	—
7.	Ripple Current (%),Ipk/Iavg	<30%
8.	Load regulation	5%
9.	Line regulation	3%
10.	Output Operating Voltage Range	30-36 (VDC)

IV. Protections

1.	I/P Over voltage protection(OVP)	310 ±5 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)	—
7.	Low voltage test at 100V for 48hrs at 50deg	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	EN 61547
6.	Applicable statutory Requirement	Covered in above 1,4 & 5
VII. Approval Marks		
1.	CE	NA
2.	BIS	R-75000825
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	>2Mohm
5.	Isolation between I/P and O/P(kV)	3KV
IX.DIP Switch		
Pin 1	Pin 2	Iout (mA)
ON	ON	800
OFF	ON	700
ON	OFF	600
OFF	OFF	500
Note:- 1) All Above specifications are under specified normal Test conditions and subjected to change without prior information. 2) 3)		
Date : 02-Feb-2023		Issue No: 00
Revision no: 01		Controlled By : Prasad Khatavkar