



T1C1240012V-100EE

SPECIFICATIONS



- Leading & Trailing Edge Triac dimable
- Constant Voltage LED Driver
- Flicker free, O/P Ripple Current < 5% (LF)
- Dimming level 1% to 100%
- Output Wattage 100W
- Output Voltage: 12Vdc
- Output Current range: 1.66A - 8.32A
- SELV Equivalent
- Application
 - LED indoor lighting
 - LED architectural lighting

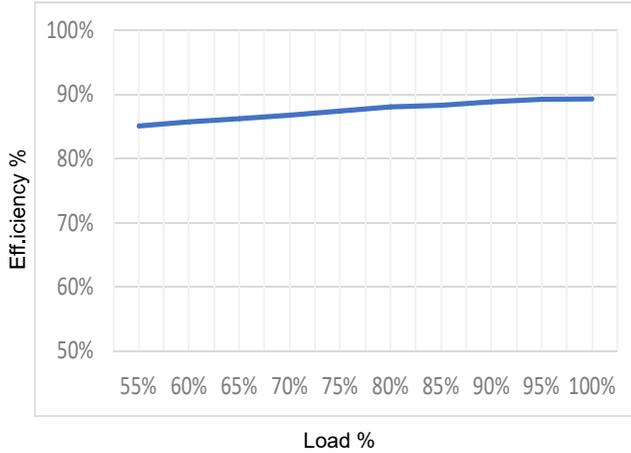
General Specifications

Rated Input Voltage	220-240/240/230VAC, 50/60Hz
Operating Input Voltage Range	230VAC (198-264Vac), 50/60Hz
Input Current	0.65 A Max.
Input Power	113W Max.
Power Factor	>0.95 @ 230Vac Full Load
THD	< 20% @ 230Vac Full Load
Efficiency	>89%
Driver Type	Constant Voltage
Output Current	8.33A
Output Voltage Range	12VDC
Output Power	100W
Stand by power	< 0.5W
O/P Ripple Current	< ±5% Ripple current, LF ≤120Hz
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	Triac, Leading Edge & Trailing Edge Dimming
RFI/EMI	CE
Output Type	Class II
Ambient Operating Temperature Range	-20°C to 45°C
Max. Case Temperature	85°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 1kV
Protections	Input Over Current : NON-Resettable Output Short Circuit : hiccup mode, Auto recovery after short circuit removed Output Open Circuit : hiccup mode Output Overload : Auto recovery Over Temperature : NA
Standards	EN55015, EN61000-3-2, EN61000-3-3 EN62384, EN62493:2015 EN61547, EN61347-1:2015, EN61347-2-13:2014+A1
Withstand Voltage	I/P-O/P:3750Vac
Leakage Current	<0.5mA @ 240Vac
Isolation resistance	I/P-O/P:10MΩ / 500Vdc / 25°C / 70% RH
Life	50,000 Hours @ 80°C
Approvals / Class	SELV Equivalent
Warranty	5 Years at Tc 80°C
Weight	0.350 Kg

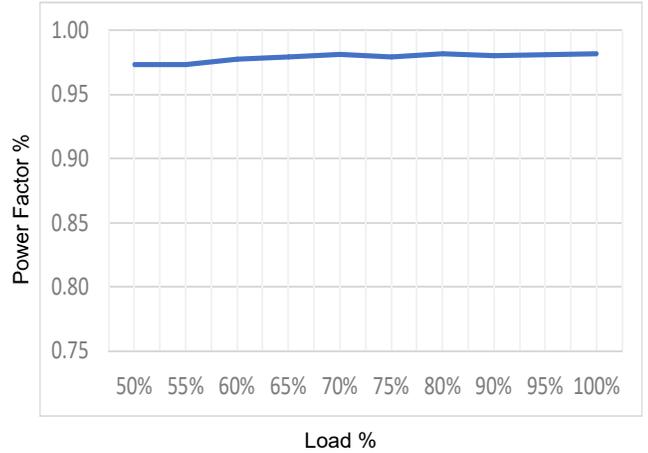
Note : Suitable for indoor application only

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years @ Tc 80°C from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (www.fulham.com). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.

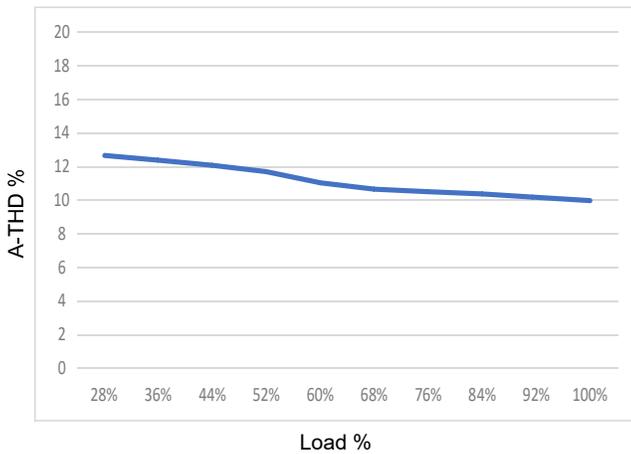
Typical Efficiency Vs Load %



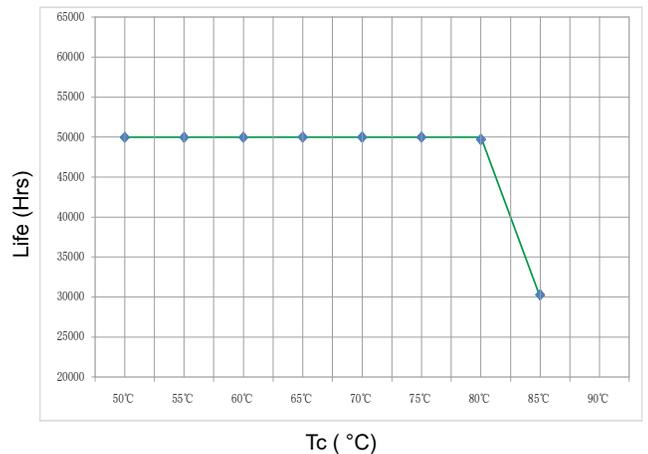
Power factor vs Load



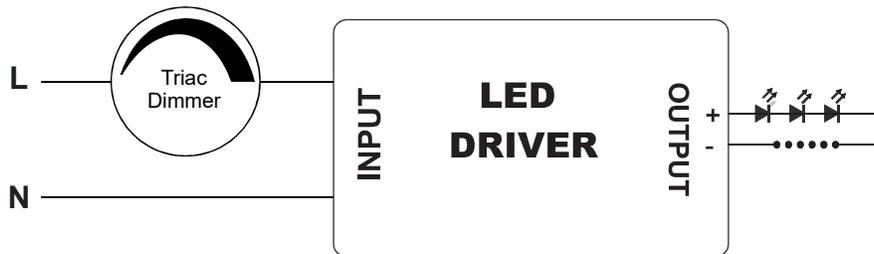
A-THD Vs Load %



Life VS Tc

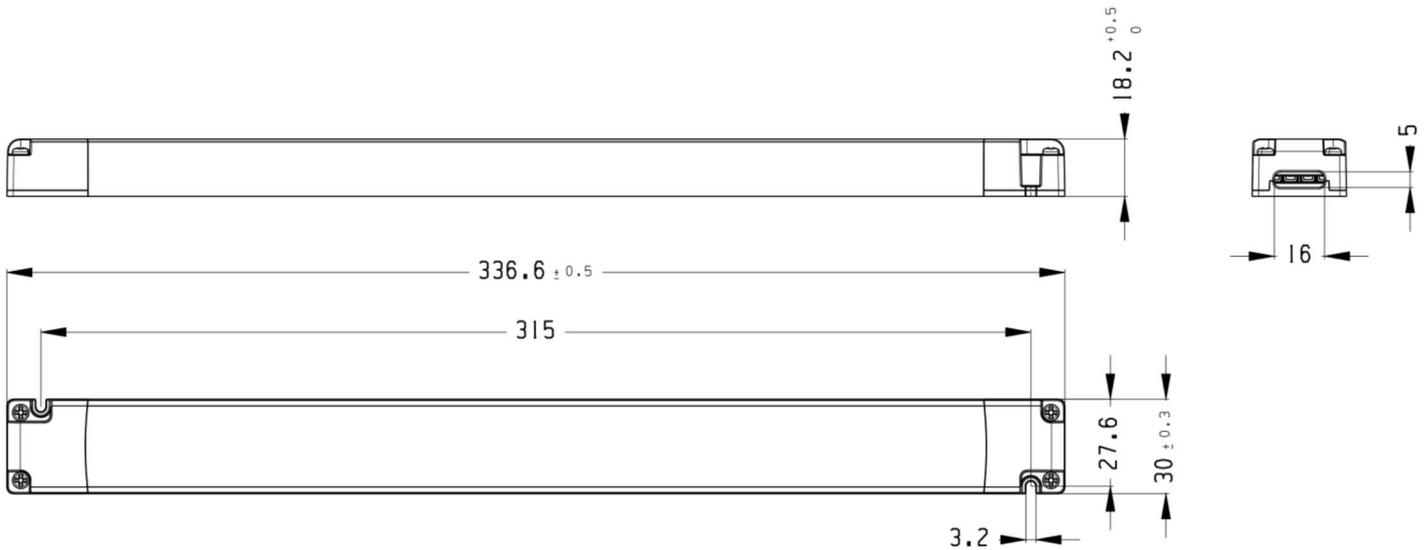


Wiring Diagrams



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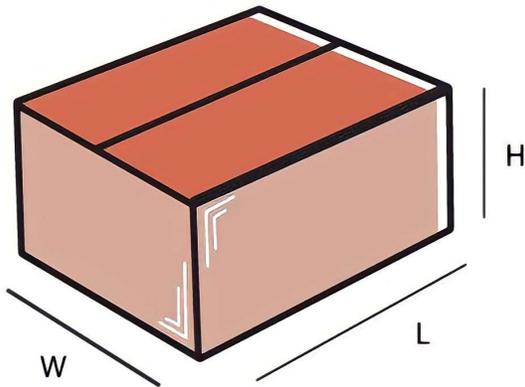
Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Packaging



Master carton

OUTER DIMENSION		
L	W	H
350mm	150mm	125mm
Net Weight	Gross Weight	QUANTITY
		20 pc.