



PROGRAMMABLE CONSTANT CURRENT DRIVER

Discontinued

Contact Fulham for availability. Not for use in new designs.



SPECIFICATION SHEET: T1M1347070P-80L

This Is An Original Product From Fulham Co., Inc

RoHS
COMPLIANT

IP65

Description: WorkHorseLED Driver - 80W - 347VAC - CC Prog 350-700mA – 1-Channel – 0-10V Dimming - 50-200VDC - Long Case+wires - IP65

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept constant input current of 350-700mA and has a forward input voltage range of 50-200VDC. Pre-programmed output current at 700mA.

ELECTRICAL DATA

Input Voltage	347VAC, 60Hz
Input Current	0.30A
Input Power	91W
Power Factor	>0.95
THD	<20%
Efficiency	>88% Typical @ Full Load
Driver Type	Constant Current
Output Current	350-700mA Programmable; See Label For Set Current; To Program Use R-set (Figure 1) Or TPSB-100 (Programmer); Record New Setting On .375"x.375" Label [SL680 http://www.sheet-labels.com/labels/SL680]
Output Voltage Range	50-200VDC
Output Power	80W Max
Number of Output Channels	1
Dimming Controller Type / Dimming Range	0-10VDC / 100%-10% (Figure 2)
RFI/EMI	FCC Part 15A
Output Type	Non Class 2, Non isolated
Ambient Operating Temperature Range	- 40°C to 61°C
Max. Case Temperature	90°C
Sound Rating	A
Input Surge Protection	Line-Neutral 4kV, Line & Neutral-Ground 4kV
Protections	Input Current Protection
	Output Short Circuit Protection
	Output Open Circuit Protection
	Overload Protection
	Over Temperature Protection
Runtime Counting Of Every 10 Degrees	Yes
Service Life	5 Years @ Tc 76°C
Approvals / Class	cURus, Dry or Damp Locations, RoHS, IP65, Type TL/HL

Figure 1

R-SET CURVE

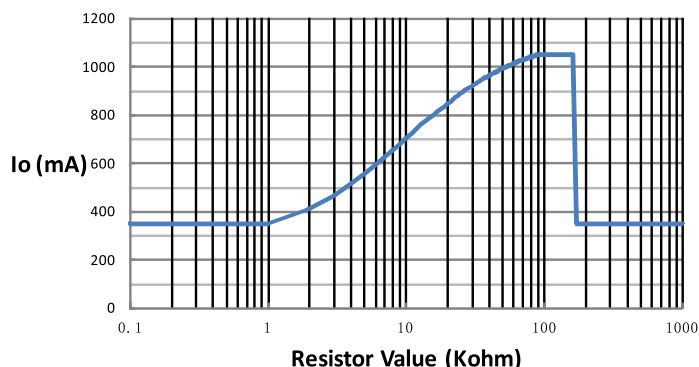
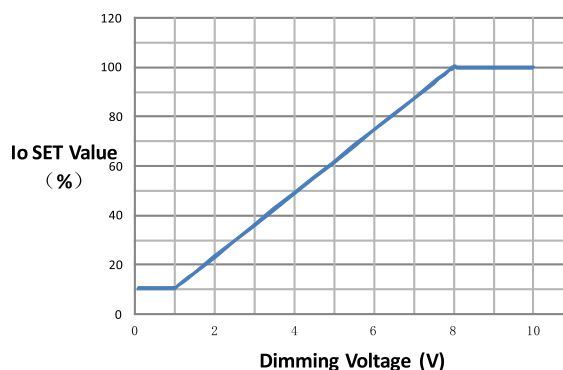


Figure 2

0-10V DIMMING CURVE



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years @ Tc 76°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.

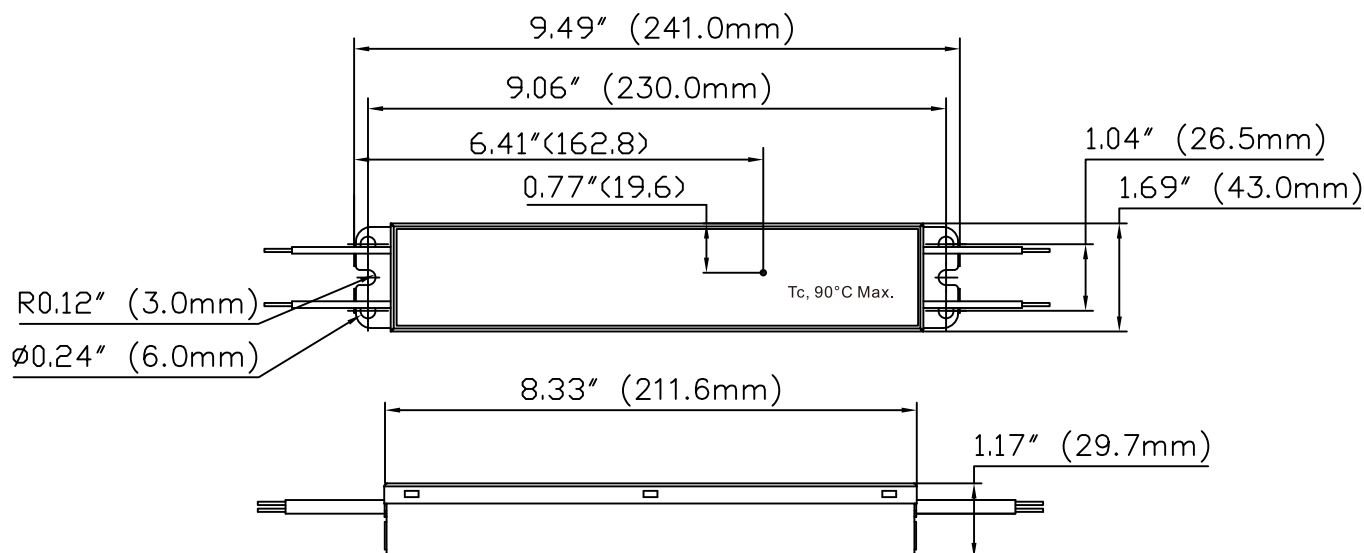
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MECHANICAL DATA

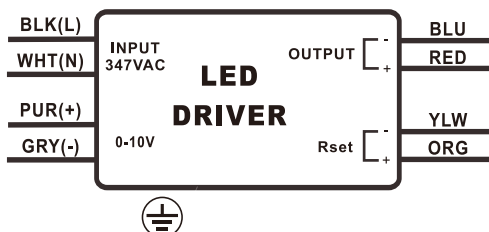


Tolerance=±0.02"

WIRING DIAGRAMS

INPUT SIDE	LENGTH
BLACK	330mm [13"]
WHITE	330mm [13"]

Dimming SIDE	LENGTH
PURPLE	330mm [13"]
GRAY	330mm [13"]



OUTPUT SIDE	LENGTH
RED	330mm [13"]
BLUE	330mm [13"]

Programming SIDE	LENGTH
YELLOW	250mm [9.85"]
ORANGE	250mm [9.85"]

NOTE : This Driver Must Be Grounded

TBSB-100:

For detail information on using TBSB-100 Driver Programming Box, please consult user's manual of TBSB-100.

