

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

T1M1UNV024V-20L

SPECIFICATION

CCCCCSSUUS COMPLIANT IP64

- Thoro LED Driver
- U-OUT 24V
- Dry or Damp
- Suitable for Class I luminaire

- Universal Voltage:100-277V~,50/60Hz
- 0-10V Dimming

- Output Voltage: 24V-
- Output Power: 20W
- Output Current: 833mA Max.

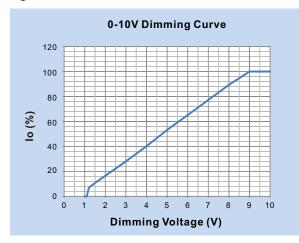
This Driver Will Operate The Following LED Modules:

Any LED module designed to accept constant voltage input up to 24VDC and has a maximum current of 833mA. Note: Constant voltage modules are usually with on-board circuit besides LEDs, the module & driver compatibility check is preferred before any installation. Some of the modules with big input capacitance may lead to the incompatibility with the dimmable driver, contact Fulham for further assistance.

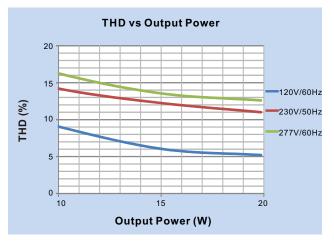
General Specifications

Input Current 0.25A @100VAC, 0.095A @277VAC Power Factor >0.9 THD <20% Efficiency >80% Typical@277V Full Load Driver Type Constant Voltage Output Voltage Range 24V= Output Voltage Range 24V= Output Current 833mA Output Power 20W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range 0-10VDC / 100%-10% RFI/EMI FCC Part 15B Consumer, EN55015 Output Type Class 2 Sound Rating A Input Surge Protection Line-Neutral 1kV, Line & Neutral-Ground 2kV Current Protection Output Protection Output Protection Output Short Circuit Protection Output Note Protection Output Protection Output Protection Output Protection Max. Case Temperature 90°C(194°F) ta -20°C to 73°C(4°F to 163.4°F) Service Life 50.000 hours @C 77.5°C(171.5°F) Approvals / Class CE, cURus, Class2, RoHS, Dry or Damp Locations, Type HL	Input Voltage	100-277V~, 50/60Hz		
THD <20%	Input Current	0.25A @100VAC, 0.095A @277VAC		
THD <20%	Dower Easter	>0.0		
Driver Type Constant Voltage Output Voltage Range 24V= Output Current 833mA Output Power 20W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range 0-10VDC / 100%-10% RFI/EMI FCC Part 15B Consumer, EN55015 Output Type Class 2 Sound Rating A Input Surge Protection Line-Neutral 1kV, Line & Neutral-Ground 2kV Current Protection Output to Ground Short Protection Output Short Circuit Protection Output Output Open Circuit Protection Max. Case Temperature 90°C (194°F) ta -20°C to 73°C (-4°F to 163.4°F) Service Life 50,000 hours @Tc 77.5°C (171.5°F) Approvals / Class CE, cURus, Class2, RoHS, Dry or Damp Locations, Type HL	ТНО	<20%		
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Protections Output to Ground Short Protection Protections Output Short Circuit Protection Output Open Circuit Protection Output Open Circuit Protection Max. Case Temperature 90°C(194°F) ta -20°C to 73°C(-4°F to 163.4°F) Service Life 50,000 hours @Tc 77.5°C(171.5°F) Approvals / Class CE, cURus, Class2, RoHS, Dry or Damp Locations, Type HL Warranty 5 years	• • • • • • • • • • • • • • • • • • • •	A		
Protections Output to Ground Short Protection Output Short Circuit Protection Output Short Circuit Protection Output Open Circuit Protection Overload Protection Max. Case Temperature 90°C(194°F) ta -20°C to 73°C(-4°F to 163.4°F) Service Life 50,000 hours @Tc 77.5°C(171.5°F) Approvals / Class CE, cURus, Class2, RoHS, Dry or Damp Locations, Type HL Warranty 5 years	Input Surge Protection			
Protections Output Short Circuit Protection Output Open Circuit Protection Max. Case Temperature 90°C(194°F) ta -20°C to 73°C(-4°F to 163.4°F) Service Life 50,000 hours @Tc 77.5°C(171.5°F) Approvals / Class CE, cURus, Class2, RoHS, Dry or Damp Locations, Type HL Warranty 5 years				
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Approvals / Class CE, cURus, Class2, RoHS, Dry or Damp Locations, Type HL				
Warranty 5 years				
	vvarianty	J years		

Figure 1







Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 77.5°Cfrom the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please refer to the Warranty Center at www.fulham.com. Specifications subject to change without notice.



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SPECIFICATION



Figure 3

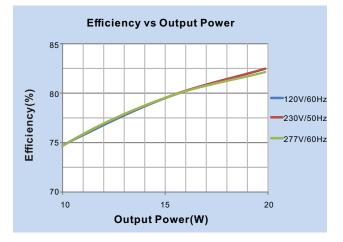
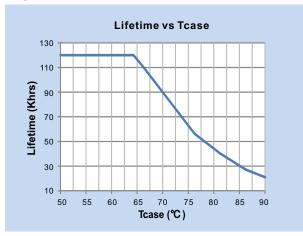


Figure 5

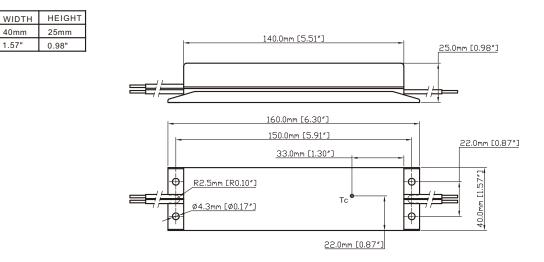


Mechanical Data

LENGTH

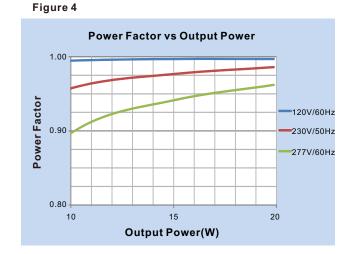
160mm

6.30"



Case Tolerance=±0.02"

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SPECIFICATION



Wiring Diagrams

INPUT SIDE	LENGTH	
PURPLE	150mm [6"]	
PINK	150mm [6"]	
WHITE	150mm [6"]	
BLACK	150mm [6"]	

OUTPUT SIDE	LENGTH	
RED	150mm [6"]	
BLUE	150mm [6"]	

PURPLE(+10V) PINK(0V) WHITE (N) BLACK(L)	DIMMING VOLTAGE INPUT 100~277V	LED DRIVER	OUTPUT	RED (+ve)

Note: Pink or Gray dimming wire provided. use interchangeably.

NOTE :

1.This Driver Must Be Installed By A Licensed Electrician 2.This Driver Must Be Grounded

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