

USER GUIDE

LE10024TWDT8

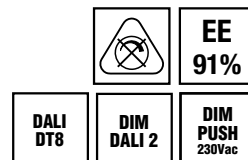
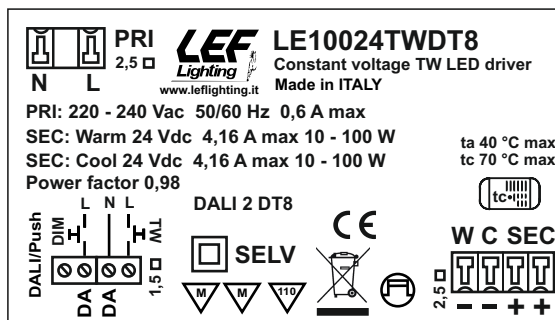
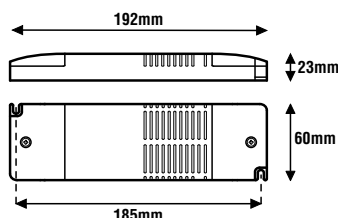
TW LED power supply constant voltage (CV) with push-button and DALI 2 DT8 signal control



www.lef Lighting.it

General Characteristics

Plastic case
Driver for independent mounting
Electric class protection II
Protection degree IP20



CODICE CODE	Tensione di ingresso Input voltage (Vac)	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (A)		Potenza di uscita Output power (W)		Comando Command	CC CV	Peso Weight (g)
			CH1	CH2	CH1	CH2			
LE10024TWDT8	220-240	24	4,16	4,16	100*	100*	PUSH DALI 2	CV	210

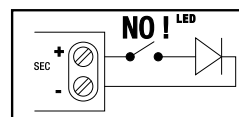
Reference Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-11
EN 61547
EN 62386-209

*** The total power of the installed TW LED strip can be 200W (100W+100W)**
The operating logic of 'Tunable White' (TW) never allows both channels to be powered up to 100%. The power supply balances the maximum power of 100W between the two outputs.

Technical Features

Input voltage range 220-240Vac
Input frequency 50+60Hz
Constant output voltage 24Vdc
Minimum power 10W@230Vac
Frequency of the output voltage PWM: 250Hz
Brightness controller for Tunable White 24Vdc LED modules (with common positive)
2-channel control unit (TW)
Command through:
- push-button 1 (PUSH 230Vac) (ON/OFF/Dimmer)
- push-button 1 (PUSH 230Vac) (color temperature control)
- DALI 2 DT8 TC
«LEVEL MEMORY» and «STATUS MEMORY» function in PUSH mode.
Energy Efficiency (EE) 91%
Open circuit protection (OCP)
Overload protection (OLP)
Protection against overtemperature (OTP)
Short circuit protection (SCP)
Power factor correction (PFC) $\lambda \geq 0,98$
Operating ambient temperature $T_a -10^{\circ}\text{C} \div +45^{\circ}\text{C}$
Max case temperature on $T_c 70^{\circ}\text{C}$



N.B.

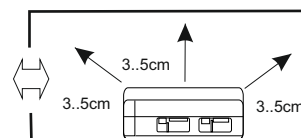
Device not suitable for no-load operation.

ATTENTION:

The installation of the product must be followed by qualified personnel.
If the product is used for purposes other than the original ones or if it is connected incorrectly, LEF Lighting S.R.L. will not accept any responsibility for damages caused.

Correct installation

Power supplies must have adequate space for cooling.
Observe the minimum distances given:



PRODUCT TO BE DISPOSED DIFFERENTLY
FROM URBAN WASTE
AEE identification nr.IT18040000010321

MADE IN ITALY



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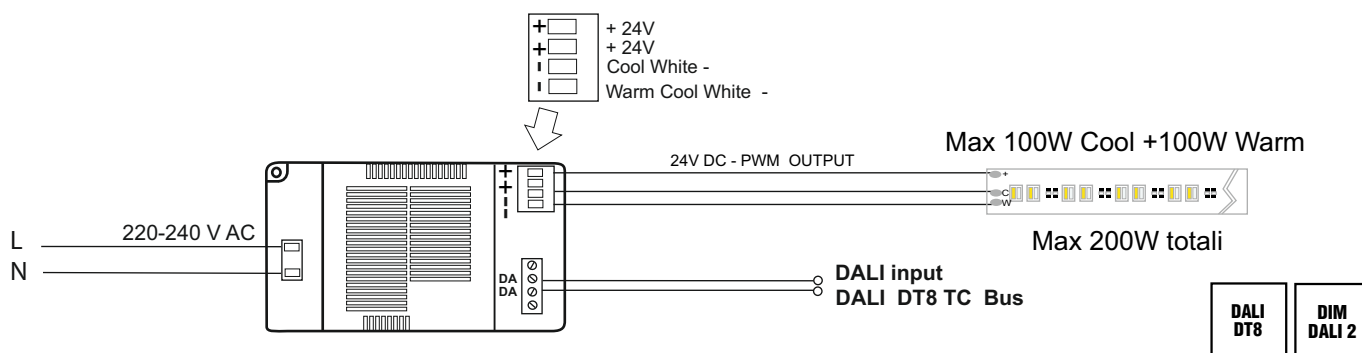
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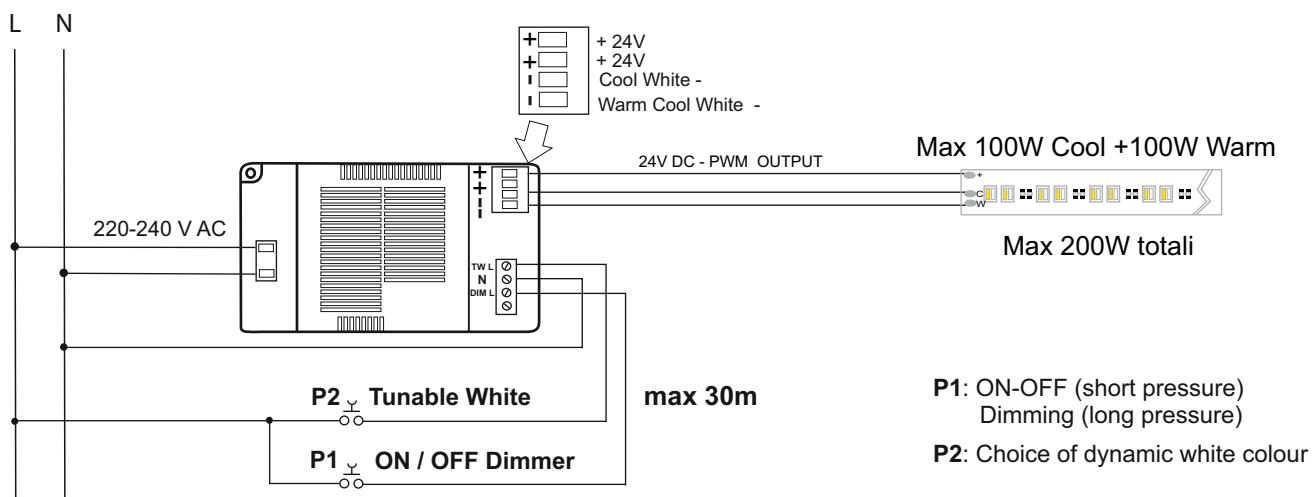
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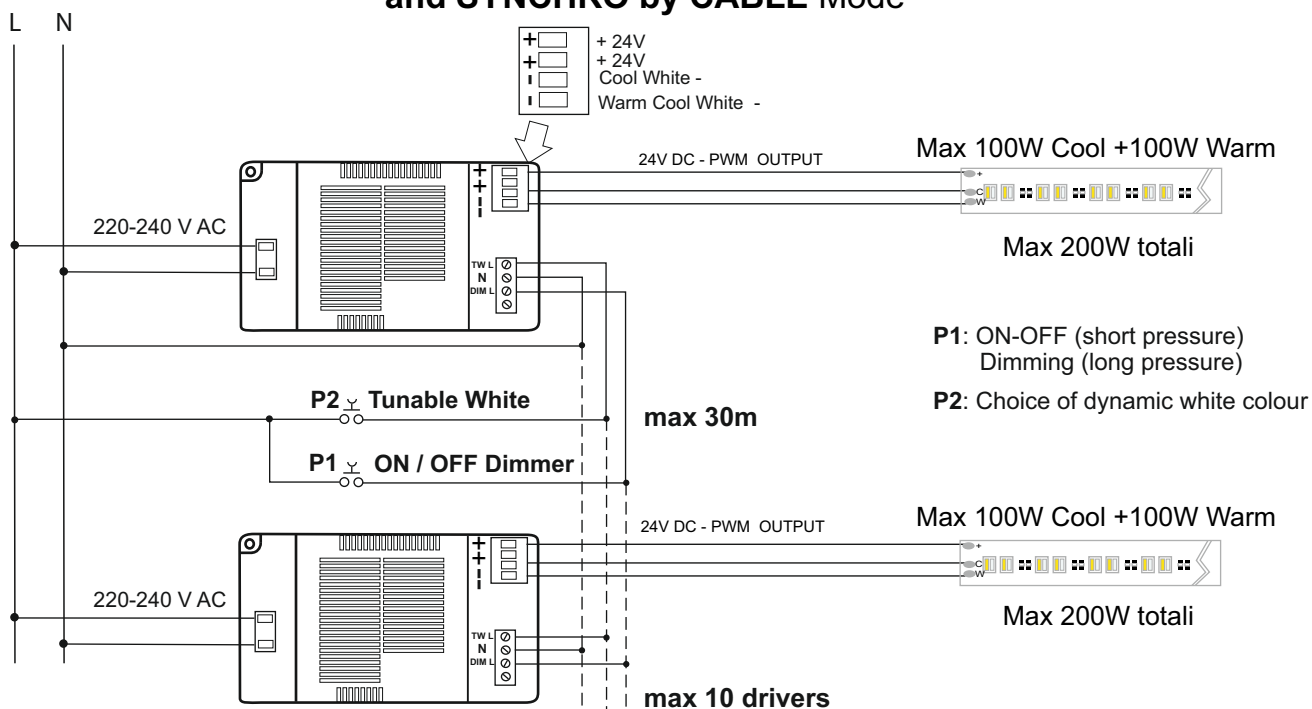
DALI mode



PUSH 230Vac mode



PUSH 230Vac and SYNCHRO by CABLE Mode



If the power supplies lose synchronization, press the button > 15sec continuously and the power supplies will re-synchronize.