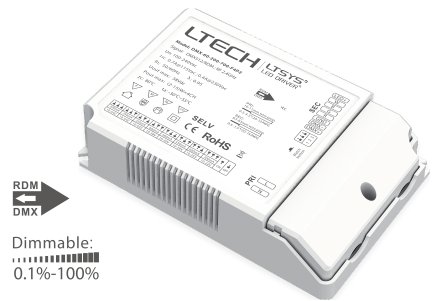


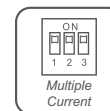
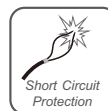
LED Intelligent Driver

60W 200-700mA 10-54Vdc

- Dimming interface: DMX512/RDM, RF.
- With the RDM remote device management protocol,
- Supports DMX512 signal bi-directional communication.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Multi-current & wide voltage, suitable for different power LED.
- Power factor > 0.99, Efficiency > 88%.
- Short circuit / Over-temperature / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Multi-current & wide voltage, suitable for different power LED.

RDM
DMXDimmable:
0.1%-100%

SELV



Main Characteristics

Dimming Interface:	DMX512/RDM
Wireless Signal:	RF 2.4GHz
Input Voltage Range:	100-240Vac $\pm 10\%$, 140-340Vdc $\pm 10\%$
Frequency:	0/50/60Hz
Input Current:	115Vac $\leq 0.7A$, 230Vac $\leq 0.4A$
Power Factor:	PF>0.99/115Vac, PF>0.95/230Vac, at full load
THD:	$\leq 15\%$ at 115Vac, $\leq 20\%$ at 230Vac, at full load
Efficiency:	>88%
Inrush Current(typ.):	Cold start 40A at 230Vac
Control Surge Capability:	L-N: 1kV
Leakage Current:	<0.5mA/230Vac
Operating Voltage:	10-54Vdc

Output Current :	200mA	250mA	350mA	400mA	500mA	550mA	600mA	700mA
Output Voltage :	10-54V	10-54V	10-43V	10-38V	10-30V	10-28V	10-25V	10-22V
Output Power :	[2-10.8W]x4CH	[2.5-13.5W]x4CH	[3.5-15.05W]x4CH	[4-15.2W]x4CH	[5-15W]x4CH	[5.5-15.4W]x4CH	[6-15W]x4CH	[7-15.4W]x4CH

Output Power Range:	[2-15W]x4CH
Current Accuracy:	$\pm 5\%$
Max. Output Voltage:	58Vdc
PWM Frequency:	200Hz-500Hz
Dimming Range:	0~100%, 0.1% dimming depth.
Working Temperature:	ta: -30°C ~ 55°C tc: 80°C
Working Humidity:	20 ~ 95%RH, non-condensing
Storage Temp., Humidity:	-40 ~ 80°C, 10-95%RH
Temp. Coefficient:	$\pm 0.03\%/^{\circ}C(0-50^{\circ}C)$
Vibration:	10-500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

Protection

Over-heat Protection:	Shut down the output when PCB temp. $\geq 110^{\circ}C$, auto recovers when temp. back to normal.
Over Load Protection:	Rated power $\geq 125\%$, LED driver enter hiccup mode, auto recovers.
Short Circuit Protection:	Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.

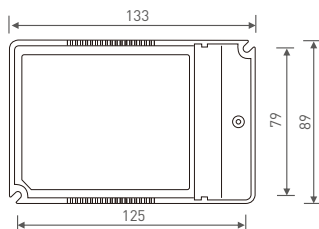
Safety & EMC

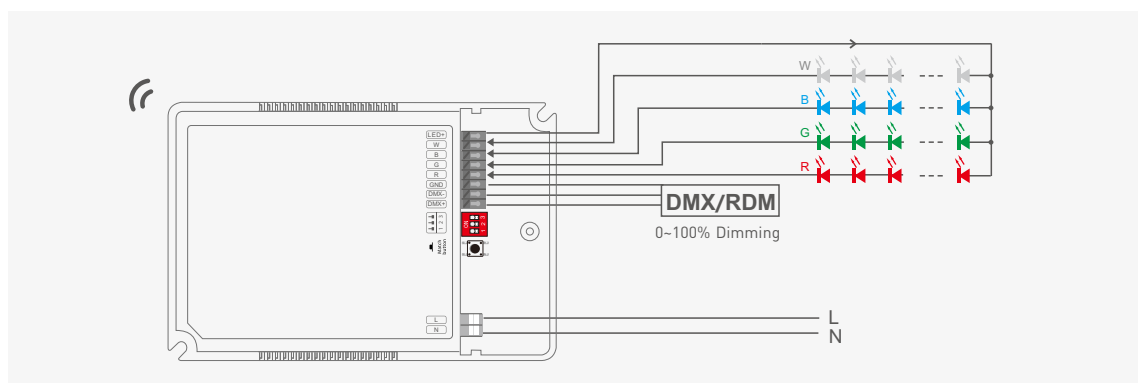
Withstand Voltage:	I/P-O/P: 3750Vac
Isolation Resistance:	I/P-O/P: 100M Ω /500VDC/25°C/70%RH
Safety Standards:	IEC/EN61347-1, IEC/EN61347-2-13

Others

Dimension:	133x89x30mm(LxWxH)
Packing:	135x90x35mm(LxWxH)
Weight(G.W.):	320g \pm 10g

Dimensions





LED Current Selection



								ON	OFF
200mA	250mA	350mA	400mA	500mA	550mA	600mA	700mA		
10-54V	10-54V	10-43V	10-38V	10-30V	10-28V	10-25V	10-22V		

* After current setting by DIP switch, power off and then power on to make the new current effective.

* E.g. LED 3.2V/pcs: 10-54V can power 3-16pcs LEDs in series, 10-22V can power 3-6pcs LEDs, the max quantity of LEDs in series will be subject to the actual voltage of LED.

Match Code between Driver & Remote

Match code:

Method 1

1.



Power on and off driver continuously for 3 times, the lamps flicker, please complete step 2 within 10s.

2.



Short press any key on F4 remote (or the matching zone key on F8) the lamp flicker several times, match successfully.

Method 2

1.



Short press "ID learning button"
on driver, the lamps flicker, please
complete step 2 within 10s. .

2



Short press any key on F4 remote (or the matching zone key on F8) the lamp flicker several times, match successfully.

Clear code:

Method 1:



Power on and off driver continuously for 10 times, If the lamps flicker 5 times, deactivate the matching successfully.

Method 2:

1



Long press "ID learning button" on driver for 10 seconds, If the lamps flicker 5 times, deactivate the matching successfully.

* No further notice if any changes in the manual.
Product function depends on the goods.
Please feel free to contact our official distributor if any question.