

## LED Drivers Constant Voltage

## LT-DMX series DMX Dimmable Constant Voltage LED Drivers



### Features

- Class 2 Power supply Constant Voltage dimmable
- DMX512/RDM protocol
- Single and Multi-channel types
- Covered Screw terminal connection
- Fully encapsulated to IP20
- High efficiency
- Short circuit / Over Temp / Overload protection
- Compliant with Safety Extra Low Voltage standard.

To support our extensive range of LED products we offer a comprehensive range of DMX LED drivers designed specifically for lighting applications. The LT-DMX constant voltage series facilitate flexible connection via covered screw terminals

### Specifications

Part No.	Dimming Interface	Output	Dimming	AC Input Voltage	PFC	Efficiency	Output Voltage	Output Current	Output Power		
DMX-36-12-F1P1 <i>Economic type</i>	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM	PWM	0%-100% Dimming Depth:0.1% 0%-100%	100-240V ±10%	>0.5	>85%	12V	0-3A	36W		
DMX-36-24-F1P1 <i>Economic type</i>	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM						24V	0-1.5A			
DMX-36-12-F1D1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM						>0.99	>85%		12V	0-3A
DMX-36-24-F1D1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM						>0.99	>85%		24V	0-1.5A
DMX-75-12-V1P1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM						75W	>0.99	>0.96	12V	6.25A
DMX-75-24-V1P1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM							>0.99	>0.96	24V	0-3.12A
DMX-75-12-F1M1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM							>0.99	>85%	12V	0-6.25A
DMX-75-24-F1M1	3 in 1 DMX512 RDM (bi-direction communicate)							>0.99	>87%	24V	0-3.12A

### Notes:

This data is for selection reference only. Please check the full data sheet for the latest specifications  
Specifications may be subject to change without notice

Part No.	Dimming Interface	Output	Dimming	AC Input Voltage	PFC	Efficiency	Output Voltage	Output Current	Output Power
LM-75-12-G1M2	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM	PWM	0%-100% Dimming Depth:0.1% 0%-100%	100-240V ±10%	>0.99	>91%	12V	6.25A	75W
LM-75-24-G1M2	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>92%	24V	3.12A	
LM-75-12-G2M2 2CH Tunable white	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.97	>0.91	12V	6.25A	
LM-75-24-G2M2 2CH Tunable white	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.97	>0.92	24V	3.12A	
LM-100-24-G1M2	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.98	>93%	24V	4.17A	100W
LM-100-24-G2M2 2CH Tunable white	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.98	>93%	24V	4.17A	
DMX-150-12-F1M1 1 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>91%	12V	0-12.5A	150W
DMX-150-24-F1M1 1Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>93%	24V	0-6.25A	
DMX-150-12-F2M1 2CH Tunable white	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>91%	12V	0-6.25A x 2CH	
DMX-150-24-F2M1 2 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>92%	24V	0-3.12A x 2CH	
DMX-150-12-F3M1 3 Channel RGB	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>91%	12V	0-4.16A x 3CH	
DMX-150-24F3M1 3 Channel RGB	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>92%	24V	0-2.08A x 3CH	
DMX-150-12-F4M1 4 Channel RGBW	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM	>0.99	>91%	12V	0-3.12A x 4CH				
DMX-150-24-F4M1 4 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM	>0.99	>92%	24V	0-1.56A x 4CH				

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## **Safety & EMC**

Withstand Voltage: I/P-O/P: 3750Vac I/P-GND: 1800Vac

Isolation Resistance: I/P-O/P: 100M $\Omega$ /500VDC/25°C/70%RH

Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13

EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3

EMC Immunity: EN61000-4-2,3,4,5,6,8,11, EN61547

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