



Safety , Efficient & Earth friendly

# LED Driver 8W Wall Mount Series

## UMx Series



### Product Highlights:

- ✓ Stability
- ✓ Compact size
- ✓ Energy efficiency
- ✓ Available at Japan, Taiwan, US, EU, AUS, UK, Korea & desktop type
- ✓ Suit medical equipment, health device

### Protection:

- ✓ Short circuit protection
- ✓ Over Voltage Protection
- ✓ Over Current Protection

### Efficiency:

- ✓ CEC Leve 5
- ✓ Energy Star 2.0

### Safety Approvals:

- ✓ PSE
- ✓ CE CISPR 16
- ✓ CEC-400
- ✓ IEC 60601-1
- ✓ K60950

### Emissions:

- ✓ EN55011/EN55022
- ✓ VCCI Class B

### Immunity:

- ✓ EN55011
- ✓ EN60601-1-2
- ✓ EN61000-4-2
- ✓ EN61000-4-3
- ✓ EN61000-4-4
- ✓ EN61000-4-5
- ✓ EN61000-4-6
- ✓ EN61000-4-8
- ✓ EN61000-4-11

### Electrical Spec:

Absolute Maximum Rating

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	120/240	264	VAC	2 Wire No Protection Ground
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	50	°C	Free Convection,Sea level
Non-Operating Temperture	-20	-	65	°C	Free Convection,Sea level
Operating Humidity	5	-	95	%RH	No Condensing
Non-Operating Humidity	5	-	95	%RH	No Condensing

Typical model list:

# LED Driver 8W Series Wall Mount

Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple & Noises	Regulation		Option/Remark	
					Line	Load		
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	8V	0.8A	±5%	80mV	±1%	±5%	
	2	8V	0.9A	±5%	80mV	±1%	±5%	
	3	8V	1.0A	±5%	80mV	±1%	±5%	
	4	11V	0.8A	±5%	110mV	±1%	±5%	
	5*	12V	0.5A	±5%	120mV	±1%	±5%	
	6*	12V	0.6A	±5%	120mV	±1%	±5%	
	7*	12V	0.7A	±5%	120mV	±1%	±5%	
	8	15V	0.5A	±5%	150mV	±1%	±5%	
	9	15V	0.6A	±5%	150mV	±1%	±5%	
	10	18V	0.4A	±5%	180mV	±1%	±5%	
	11	18V	0.5A	±5%	180mV	±1%	±5%	
	12	22V	0.35A	±5%	220mV	±1%	±5%	
	13	-	-	-	-	-	-	-

Measurement condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec:

UM	UMY Series	UME/UMR Series	UMA Series	UMK Series

Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weight(kg)	Size(mm)	CBM(m2)	Container	Ctn/Container	Pcs/Container	Gross Weingt (Ton)	Remark
UM/UMY	120	16.2	13.2	565x393x255	1x1.2	20	400	48000	6720	With Gift Box
	120	16.2	13.2	565x393x255	1x1.2	20	400	48000	6720	Bulk package
UME/UMR/UMK	84	13.08	10.08	565x393x255	1x1.2	20	400	33600	5472	With Gift Box
	80	12.6	9.6	565x393x255	1x1.2	20	400	32000	5280	Bulk package
UMA	84	13.92	10.92	565x393x255	1x1.2	20	400	33600	5808	With Gift Box
	80	13.4	10.4	565x393x255	1x1.2	20	400	32000	5600	Bulk package