

LED Driver 6W Wall Mount Series

UCx Series



Product Highlights:

- ✓ Stability
- ✓ Ultra small size
- ✓ Energy efficiency
- ✓ Available at Japan, Taiwan, USA, Europe & UK type
- ✓ Constant current for LED lighting product

Protection:

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

Safety Approvals:

- ✓ UL60950
- ✓ CAN/CSA C22.2 NO. 60950
- ✓ GB19510.1
- ✓ PSE
- ✓ EN61347-2-13

Emissions:

- ✓ EN 55015 : 2006+A1:2007

Immunity:

- ✓ Electrostatic discharge: 61000-4-2
- ✓ Radiated electromagnetic fields:61000-4-3
- ✓ Fast transients (Burst): 61000-4-4
- ✓ Surge transients: 61000-4-5
- ✓ Conducted disturbance: 61000-4-6
- ✓ Voltage dips, interruptions & Variations:61000-4-11

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	-	40	°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:

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Input Condition		DC Output Voltage	DC Output Current	C.V	C.C	Option/Remark
				Current MAX	Voltage Range	
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	8V	0.5A	0.7A	5V-8V	
	2	8V	0.6A			
	3	8V	0.7A			
	4	12V	0.3A	0.5A	9V-12V	
	5	12V	0.4A			
	6*	12V	0.5A			
	7	15V	0.2A	0.4A	15V-18V	
	8	15V	0.3A			
	9*	15V	0.4A			
	10	18V	0.1A	0.3A	15V-18V	
	11	18V	0.2A			
	12*	18V	0.3A			
	13	22V	0.1A	0.25A	16V-22V	
	14	22V	0.2A			
	15	22V	0.25A			
20	-	-	-	-	-	

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:

UC	UCY Series	UCK Series	UCE	UCR Series	UCL	UCZ Series

Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weighgt(kg)	Size(mm)	CBM(m2)	Container	Ctn/Container	Pcs/Container	Gross Weingt (Ton)	Remark
UC/UCY	100	8.5	7	406x250x298	1x1.2	20	800	80000	7040	With Gift Box
	240	19.8	16.8	565x393x255	1x1.2	20	400	96000	8160	Bulk package
UCK	126	13.71	10.71	565x393x255	1x1.2	20	400	50400	5724	With Gift Box
	80	9.8	6.8	565x393x255	1x1.2	20	400	32000	4160	Bulk package
UCE/UCR	126	13.71	10.71	565x393x255	1x1.2	20	400	50400	5724	With Gift Box
	100	11.5	8.5	565x393x255	1x1.2	20	400	40000	4840	Bulk package
UCL/UCZ	100	9	7.5	406x250x298	1x1.2	20	800	80000	7440	With Gift Box
	84	7.8	6.3	406x250x298	1x1.2	20	800	67200	6480	Bulk package