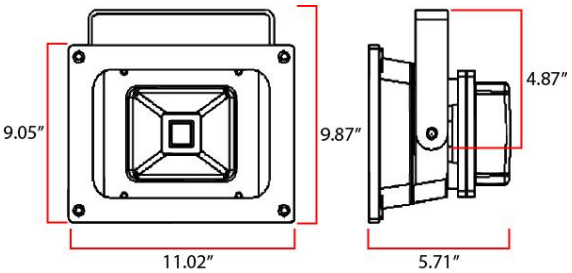
50W EPISTAR LED Floodlight with Power Supply 24V DC

Model: OU-FL-50-24K

Features:

- Cool white 6000 – 6500K
- Epistar LED (45*45μ)
- Luminous Flux: 4250m ± 5%
- 24V DC
- Beam Angle: 120º
- Silver Grey Casing

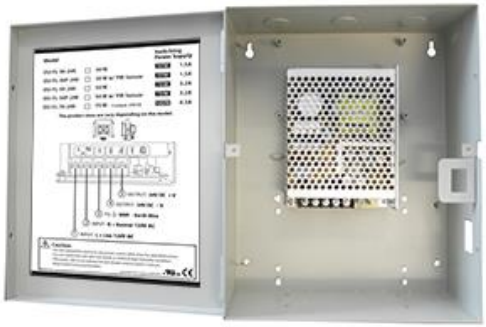


POWER 75W Switching Power Supply with Steel Enclosure

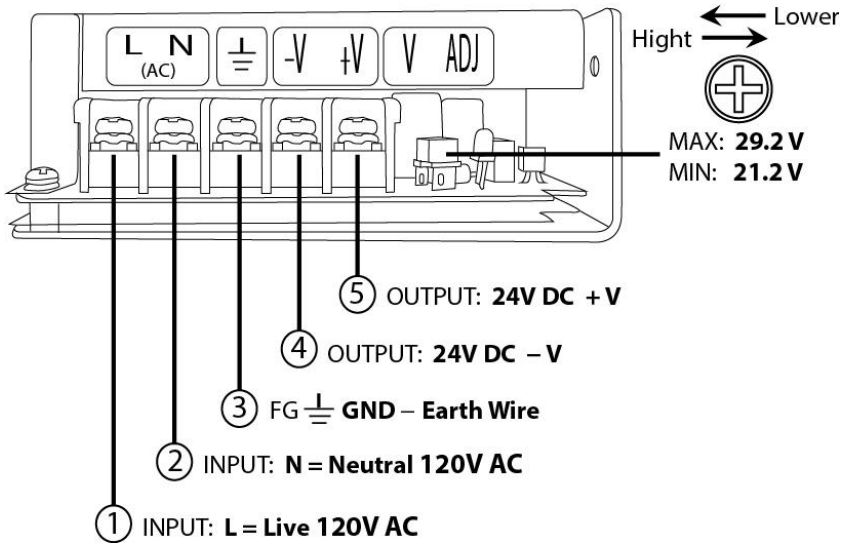
Model: RS-75-24

Features:

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- No load power consumption<0.5W
- A using 105 ºC long life e electrolytic capacitors
- Withstand 300VAC surge input for 5 second
- High operating temperature up to 70 ºC
- Withstand SG vibration test
- High efficiency, long life and high reliability
- Steel Enclosure

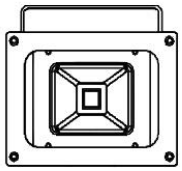


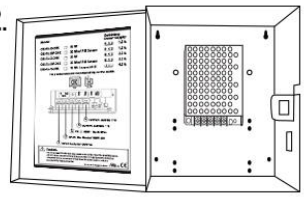
Panel Diagram:



Package Contents:

1. One (1) 50W LED EPISTAR Floodlight
2. One (1) RS-75-24, 75W Switching Power Supply with Steel Enclosure
3. One (1) 6ft Power Cord

1. 

2. 

3. 

WARNING!!!

Turn the power OFF at the circuit breaker before installing the Floodlight.

⚠ Caution:

- Make sure that the power has been turned OFF at the circuit breaker.
- Connect wires as shown in the panel diagram that is appropriate to the switching power supply.
- Check to make sure that all the fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
- Do not connect this device to any power source other than the specified power.
- The switching power supply unit is not waterproof and should only be used indoors.
- Do not handle the unit with wet hands, when standing on wet or damp surfaces, or in water.
- To prevent electrical shock, and hazard, please do not expose the unit to rain or moisture when installing.
- **Product must be installed by a Licensed Electrician.**

Specification:

Floodlight	
Model	**FL-50-24**
Voltage Input	24V DC
Power	50 W
LED Chip	Epistar (45*45μ)
Light Output - Luminous Flux (lm)	4250m ± 5%
Beam Angle	120º
Protection Grade	IP65
Actual Light Temperature (K)	Cool White 6000 – 6500 K
Sensor (PIR)	No
CRI	RA 70 - 80
Power Factor (PF)	>90
Efficiency	>85%
Working Temperature	-40ºC ~ + 55ºC / 10% ~ 65% RH
Storage Temperature	-25ºC ~ + 65ºC
Power Cord	0.75 mm^2 (Three-core double insulated cable), 0.5M length
Weight	5.2 Lbs

Switching Power Supply with Steel Enclosure		
Model		**RS-75-24**
Output	DC Voltage	24V
	Rated Current	3.2A
	Current Range	0 ~ 3.2A
	Rated Power	76.8W
	Ripple & Noise (Max.) *Note.2	120m Vp-p
	Voltage ADJ. Range	21.2 ~ 29.2V
	Voltage Tolerance *Note.3	±1.0%
	Line Regulation *Note.4	±0.5%
	Load Regulation *Note.5	±0.5%
	Setup, Rise Time	500ms, 30ms/230VAC 1200ms, 30ms/115VAC at full load
	Hold Up Time (typ.)	60ms/230VAC 14ms/115VAC at full load
Input	Voltage Range	88 ~ 264VAC 125 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)
	Frequency Range	47 ~ 63Hz
	Efficiency (typ.)	88.5%
	AC Current (typ.)	2A/115VAC 1.2A/230VAC
	Inrush Current (typ.)	Cold Start 40A/230VAC
	Leakage Current	<2mA / 240VAC
Protection	Overload	110 ~ 150% rated output power
		Protection type : Hiccup mode, recovers automatically after fault condition is removed
	Over Voltage	27.6 ~ 32.4V
		Protection type : Hiccup mode, recovers automatically after fault condition is removed
Environment	Working Temperature	-25 ~ +70 ºC (Refer to "Derating Curve")
	Working Humidity	20 ~ 90% RH non-condensing
	Storage Temperature, Humidity	-40 ~ +85 ºC , 10 ~ 95% RH
	Temp. Coefficient	±0.03%/ ºC (0 ~ 50 ºC)
	Vibration	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes
Safety & EMC (note 6)	Safety Standards	UL60950-1, TUV EN60950-1 approved
	Withstand Voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25 ºC / 70% RH
	EMC Emission	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy industry level, criteria A
Others	MTBF	249Khrs min. MIL-HDBK-217F (25ºC)
	Dimension - RS- 75 (L x W x H)	5.07 x 3.81 x 1.49 Inch / 129 x 97 x 38 mm
	Weight	4.4 Lbs
Note	1. A parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 ºC of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. The power supply is considered a component which will be installed into final equipment. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."(Available on http://www.meanwe .com)	

*Specifications are subject to change without notice.