

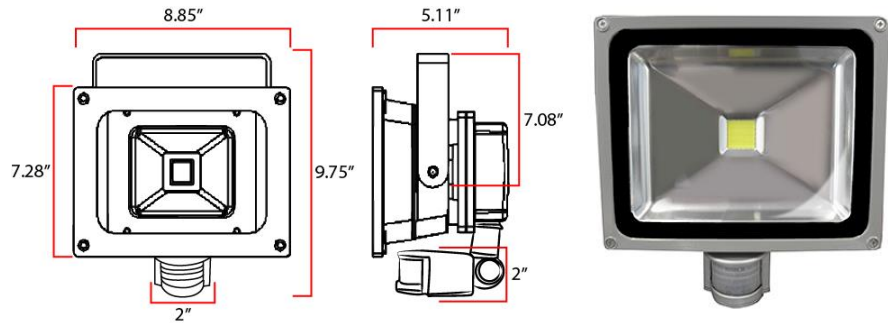
30W EPISTAR LED Floodlight with PIR Sensor and Power Supply

24V DC

Model: OU-FL-30P-24K

Features:

- Cool white 6000 – 6500K
- Epistar LED (45°45μ)
- Luminous Flux: 2550m ± 5%
- With PIR Sensor
- 24V DC
- Beam Angle: 120°
- Silver Grey Casing



POWER

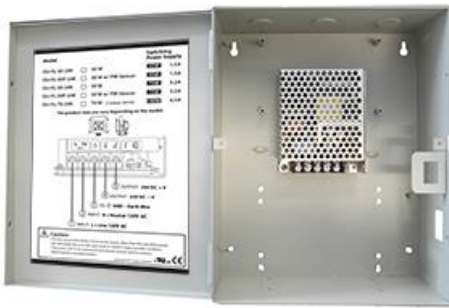
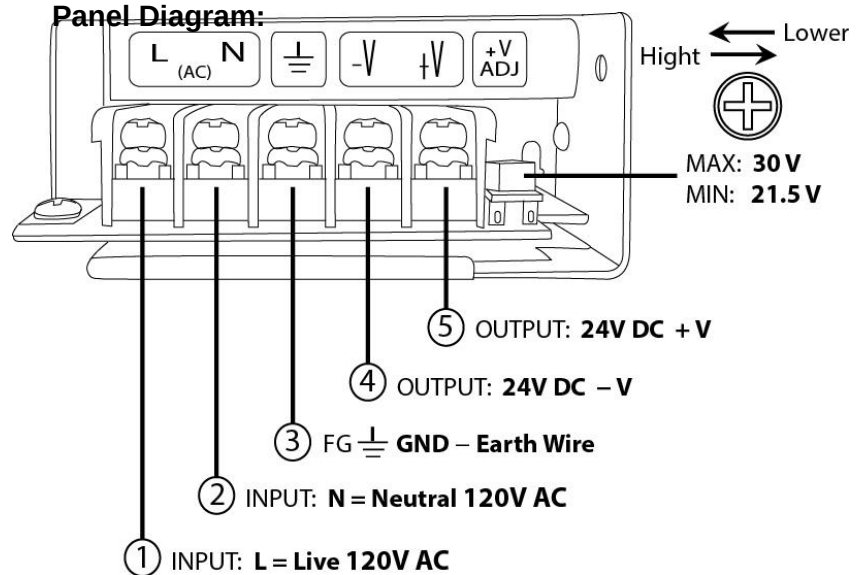
35W Switching Power Supply with Steel Enclosure

Model: RS-35-24

Features:

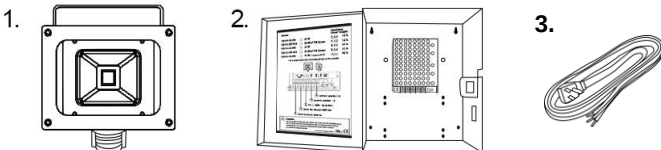
- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- No load power consumption < 0.5W
- A using 105 °C long life electrolytic capacitors
- Withstand 300VAC surge input for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

Panel Diagram:



Package Contents:

1. One (1) 30W LED EPISTAR Floodlight with PIR Sensor
2. One (1) RS-35-24, 35W Switching Power Supply with Steel Enclosure
3. One (1) 6ft Power Cord



⚠ 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.**

K = with Power Supply & Enclosure

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

Specification:

Floodlight		
Model		FL-30P-24
Voltage Input		24V DC
Power		30 W
LED Chip		Epistar (45*45μ)
Light Output - Luminous Flux (lm)		2550m ± 5%
Beam Angle		120°
Protection Grade		IP65
Actual Light Temperature (K)		Cool White 6000 – 6500 K
Sensor (PIR)	Detection Distance	26 – 30 Foot / 8 – 10 m
	Detection Range	180°
	Rated Load (Max.)	500W
	Operating Voltage	110V / 230V AC
CRI		RA 70 - 80
Power Factor (PF)		>90
Efficiency		>85%
Working Temperature		-40°C ~ + 55°C / 10% ~ 65% RH
Storage Temperature		-25°C ~ + 65°C
Power Cord		0.75 mm ² (Three-core double insulated cable), 0.5M length
Weight		4.8 Lbs
Switching Power Supply with Steel Enclosure		
Model		RS-35-24
Output	DC Voltage	24V DC
	Rated Current	1.5A
	Current Range	0 ~ 1.5A
	Rated Power	36W
	Ripple & Noise (Max.) *Note.2	120m Vp-p
	Voltage ADJ. Range	21.5 ~ 30.0V
	Voltage Tolerance *Note.3	±1.0%
	Line Regulation *Note.4	±0.5%
	Load Regulation *Note.5	±0.5%
	Setup, Rise Time	500ms, 50ms/230VAC 1200ms, 50ms/115VAC at full load
	Hold Up Time (typ.)	80ms/230VAC 15ms/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%
	AC Current (typ.)	0.8A/115VAC 0.55A/230VAC
	Inrush Current (typ.)	Cold Start 36A/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 °C (Refer to "Derating Curve")
	Working Humidity	20 ~ 90% RH non-condensing
	Storage Temperature, Humidity	-40 ~ +85 °C, 10 ~ 95% RH
	Temp. Coefficient	±0.03%/ °C (0 ~ 50 °C)
	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 °C / 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 (25°C)
	Dimension – RS-35 (L x W x H)	3.89 x 3.22 x 1.41 Inch / 99 x 82 x 36 mm
	Weight	4.2 Lbs
Note	1. A parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 °C 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.

Motion Sensor Function:



SENS	TIME	LUX
To control the sensitivity of the sensor	To control the lasting time. (Range from 5 ± 2sec to 4 ± 1min) Notes: The lasting time means the duration from the light on to the light off for a regular working cycle of the sensor	To control the mode. Symbol of Sun: the light works day and night. Symbol of Moon: the light works only at night

Specific Motion Sensor Function:

	Setup	Function
1		The light works all day and night without motion function.
2		The light works all day and night with motion function; the light will turn on when there is something in motion at the sensitive area.
3		The light works at night without motion function; the light will turn on when the environment becomes dark.
4		The light works at night with motion function; the light will turn on when there is something in motion at the sensitive area.