

# MODEL 3100 ILLUMINATOR

The Model 3100 is a 30-Watt quartz halogen illuminator that can deliver upwards of 10,000 foot-candles of cold illumination. It was designed to be economical, light weight which makes it useful for co-axial illumination in microscopy applications. This units nosepiece is compatible with all of DJI standard and custom fiber optic light guides and fiber optics. The Model 3100 has a light level settings that are obtained via the 4-position intensity control switch, which uses a EKZ lamp. The unit is also available in either a single gooseneck or ringlight configuration.



## Features

- 115 VAC, 60Hz
- Light weight and compact
- 4-position switch
- 10,000 foot-candles of cold illumination
- Uses a EKZ lamp

Specifications	
Input Voltage:	115 VAC, 60 Hz
Fiber Optic Interface:	25mm
Lamp:	EKZ, 30 Watt, 10.8V
Adapters:	SX series
Dimensions:	3" x 4.5" x 6.5"



### SFY-100 Filter Holder

Accepts 25mm dia tabbed filters  
Holds up to 3 filters simultaneously  
Accepts SX Series adapters

### FSA-100 Filter Kit

SFY-100 Holder  
Filters: Red, Yellow, Blue, Green & Daylight (Light Blue)  
Dimension: 25mm x 2.5mm w/ Tab



## 3100 REPLACEMENT PARTS

Part #	Description
68600902455	Transformer
68600902442	Triac
68600902481	Rotary Switch
68600902436	Fan
68600902895	Intensity Control Board
020844050001	Stablizer Legs (Sold as 1 each)
68600902545	Rubber Foot
FSA-100	Filter Holder Kit (Includes Holder, IR Filter & 5 Color Filters)
SYF-100	Filter Holder only for 0.985" (A) Nose

Lamp	Description
EKZ	10.8V, 30 Watt, High Intensity Bulb

## 3100 MODELS

Model #	Description
3100	30 Watt, 115V, 60Hz, EKZ Lamp, 0.985 ID nose piece, US power cord
3100-1	30 Watt, 115V, 60Hz, EKZ Lamp, 0.985 ID nose piece, US power cord, BGG1823 Single Gooseneck, LH-759 Focusing Lens and SX-10 adapter
3100-A37P	30 Watt, 115V, 60Hz, EKZ Lamp, 0.985 ID nose piece, US power cord, A3739P Standard Ringlight and SX-10 adapter

