

# MODEL 190 ILLUMINATOR

The Model 190 is a 30 watt quartz halogen illumination system capable of delivering over 10,000 foot candles of intense, cold illumination. The model features a rugged, convention cooled with hard mounting enclosure which results in zero noise, vibration, or air particle generation, which is an important benefit in the semiconductor and other microscopy applications. With the four positions, solid state, light intensity switch allows for a selection of appropriate light levels. The optional 190-1 system includes the BGT1826 optic light guide and LH759 focusing lens.



## Features

- 30 Watt, quartz halogen
- Zero noise, vibration or air particle generation
- 4 position light intensity switch
- Optional 190-1 system
- Rugged enclosure, cooled
- Up-right unit

ST-1 Adapter	
Compatibility	Adapter ID
B8, BX8, EE8, B6, BX6 (also accepts all 3/16" OD end ferrules w/ shoulder dia. Up to 0.255")	0.261"

Specifications	
Input Voltage:	115 VAC
Fiber Optic Interface:	Threaded/Top Cover
Lamp:	EKZ, 30 Watt, 10.8V
Noise Level:	0 dB
Dimensions:	5.25" x 5.5" x 7.5"
Adapter:	ST-1 Adapter



# MODEL 190 ILLUMINATOR

## 190 MODELS

Model #	Description
190	30 Watt, 115V, 50Hz, EKZ Lamp, 0.375 ID threaded nose piece
190/220	30 Watt, 230V, 50Hz, EKZ Lamp, 0.375 ID threaded nose piece, non terminated power cord
190-1	30 Watt, 115V, 60Hz, EKZ Lamp, 0.375 ID threaded nose piece, US power cord, BGT1826 Single Gooseneck and LH-759 Focusing Lens

## 190 REPLACEMENT PARTS

Part #	Description
68600902453	Transformer 115V
020150160000	Transformer 220V
68600902472	Lamp Holder QEX-10
68600902496	Lamp Socket QCX-34

Part #	Description
68600902479	Switch

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

