

ACE® Light Source

Rugged AC halogen light source



ACE® Light Source with EKE Lamp, A20500

ACE® Light Source Models

Light Source Models	Part. No.	Lamp
115 Volts	A20500	EKE Lamp
115 Volts	A20500.2	DDL Lamp
115 Volts	*A20500.115	No Lamp
230 Volts	A20510	EKE Lamp
230 Volts	A20510.2	DDL Lamp
230 Volts	*A20510.230	No Lamp

*Custom Order. Lamps can be purchased separately (EKE, DDL and Modulamp units)

Product and Performance Characteristics

Compact, rugged, AC halogen light source with solid state dimmer for variable light intensity and maximizing lamp life.

- Solid state dimmer for continuous control zero to full intensity
- Heavy duty, grounded metal housing
- 115V or 230V input voltage versions available
- IR interference filter for cool illumination
- Full illumination on .60" active diameter input ColdVision light guides
- Interchangeable Modulamp Units offer 2 positions to maximize individual lamp efficiencies
- Choice of two, 150 watt halogen lamps – EKE and DDL for intense, uniform illumination. These three different bulbs offer light intensity and color temperature options to maximize productivity and accuracy.
- Built-in thermal shut down
- Quiet fan cooling
- CSA approved to UL spec, CE compliant to low voltage and EMC directives
- Low housing temperature
- Detachable IEC cord

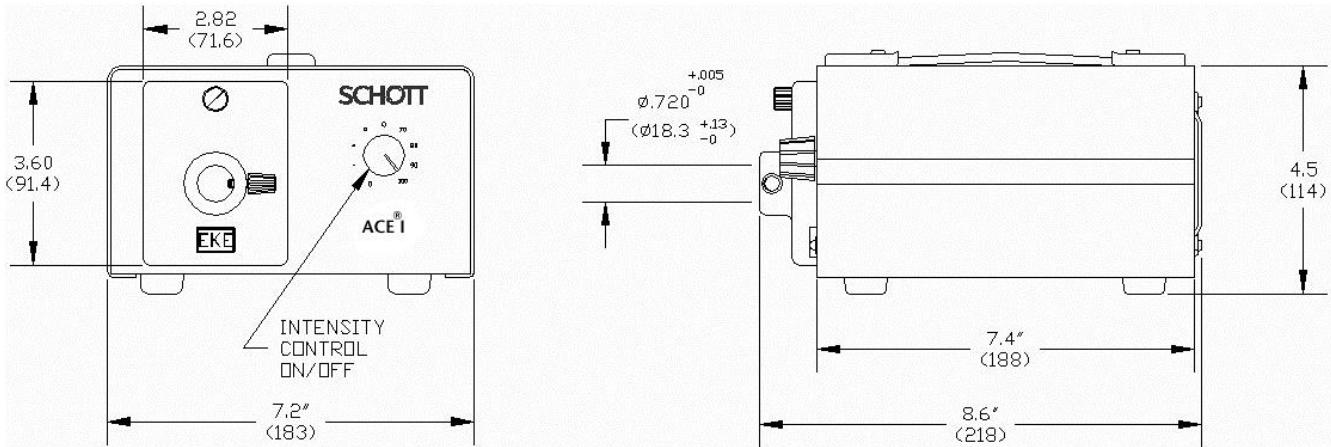
Options

- Private labeling available.
- Infinite setting, twelve blade iris diaphragm version available to reduce intensity while maintaining color temperature.



Modulamp Unit with Iris Diaphragm

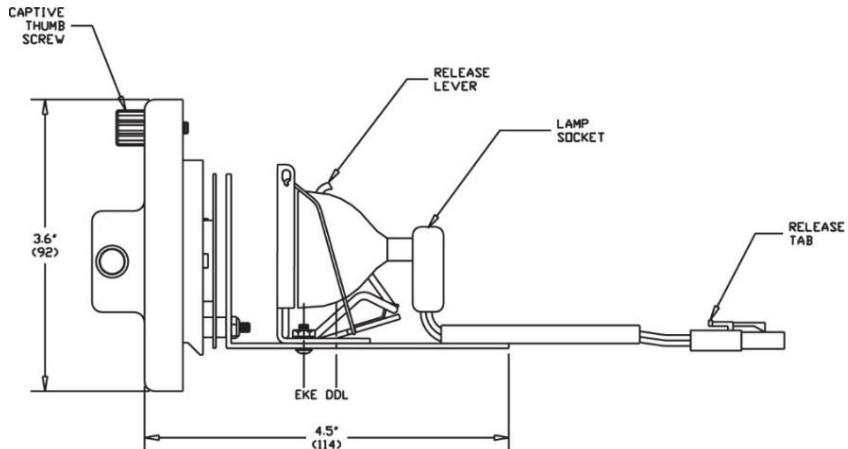
Two positions optimize light intensity output, depending on the lamp in use. Entire housing is interchangeable for quick setup.



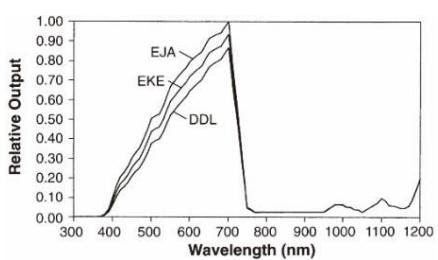
Dimensions in () are in mm

Input: 115 VAC/60 Hz, 230 VAC/50/60 Hz, Output: 0-21 VAC

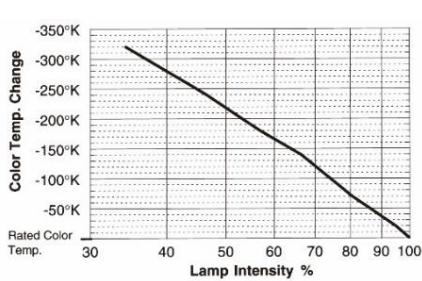
Power Supply Specification	
Power Consumption	120 Watts (nominal)
Output Voltage	0-21 VAC
Fiber Receptacle	0.72" (13.3 mm)
Input Voltage	115 VAC / 60 Hz 230 VAC /50/60 Hz 60 Hz
Temperature Range Operating	0°C to 50°C



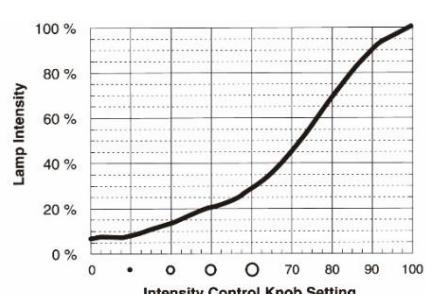
Spectral Curves w/Interference IR Filter



Color temperature Change vs. Lamp Intensity



Lamp Intensity vs. Intensity Control Knob Setting





Polytec France S.A.S.
Technosud II Bâtiment A
99 Rue Pierre Semard
92320 Châtillo
Tel. +33 1 49 65 69 00
info@polytec.fr

Contacts : PHOTONICS/VISION
Elvis DZAMASTAGIC
Tel. +33 1 49 65 69 07
e.dzamastagic@polytec.fr

Christophe COURTOIS
Tel. +33 1 49 65 69 03
c.courtois@polytec.fr



Polytec GmbH
(Germany)
Polytec-Platz 1-7
76337 Waldbronn
Tel. +49 7243 604-0
info@polytec.de

Polytec GmbH
(Germany)
Vertriebs- und
Beratungsbüro
Schwarzschildestraße 1
12489 Berlin
Tel. +49 30 6392-5140



Polytec, Inc.
(USA)
North American
Headquarters
16400 Bake Parkway
Suites 150 & 200
Irvine, CA 92618
Tel. +1 949 943-3033
info@polytec.com

Central Office
1046 Baker Road
Dexter, MI 48130
Tel. +1 734 253-9428

East Coast Office
25 South Street, Suite A
Hopkinton, MA 01748
Tel. +1 508 417-1040



Polytec Japan
Arena Tower, 13th floor
3-1-9, Shinyokohama
Kohoku-ku, Yokohama-shi
Kanagawa 222-0033
Tel. +81 45 478-6980
info@polytec.co.jp



Polytec China Ltd.
Room 1026, Hanwei Plaza
No. 7 Guanghua Road
Chaoyang District
100004 Beijing
Tel. +86 10 65682591
info-cn@polytec.com



Polytec South-East Asia
Pte Ltd
Blk 4010 Ang Mo Kio
Ave 10
#06-06 TechPlace 1
Singapore 569626
Tel. +65 64510886
info@polytec-sea.com