



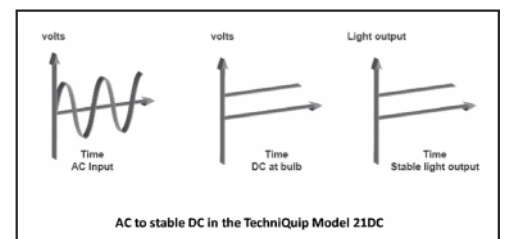
TechniQuip's Model 21DC delivers optically stabilized light. This is particularly useful when operating with high speed digital cameras. The Model 21 is a cost-effective, high performance lighting tool designed for use "mission critical" applications. The Model 21 continues TechniQuip's proud reputation as an industry leader in "MADE in the USA" products.



TECHNIQUIP MODEL 21DC

TechniQuip's Model 21DC is a UL and CE listed high-performance halogen fiber optic illuminator. The 21DC delivers stabilized light output that is critical for many high speed imaging applications. Each unit comes equipped with a rear panel connector that enables remote control necessary in many OEM and machine vision applications. The Model 21DC utilizes a cold mirror reflector to deliver cool, shadow-free illumination. At just under 200 cubic inches in volume, the Model 21DC is one of the world's most compact 150w halogen illuminators, making it perfect for space-constrained areas. The Model 21DC is widely used in microscopy, machine vision, semiconductor fabrication, and other "mission critical" applications.

TechniQuip's Model 21DC is a fully regulated illuminator. This feature transforms the alternating and fluctuating input voltage into highly stable light output to provide equal exposure even when imaging times are in the kHz range. Without stabilization the image quality obtained from many high speed digital, video, or still cameras would not be consistent over time (between frames).



MODEL 21DC PRODUCT FEATURES

Remote control	to accommodate the needs of automation, each model 21DC is equipped with a connector on the rear which allows for remote on/off and intensity using analog voltage control.
Lamp life indicator	the model 21DC offers a visual indicator of impending lamp failure. a light emitting diode on the front panel shifts color when the unit detects an aged lamp.
Rugged housing	the model 21DC's rugged aluminum housing and steel end plates are designed for maximum durability making the model 21DC ideal for demanding environments.
Variable speed Fan	the model 21DC is equipped with a highly-efficient rear fan whose airflow adjusts in sync with the heat load to combine optimum cooling with the least noise.
Fiber optic Attachment	a full set of nosepiece adapters is available in order to allow coupling to virtually any fiber optic cable from any manufacturer.
Options	the model 21DC can be optionally fitted with a mechanical iris, ir /uv filters, electronic shutters, and color filters.
Flexibility in Mounting	the front re-lamping method enables the illuminator to be mounted in a number of different ways.
Universal input	because the requirement for ultra-stable light output is global, the model 21DC operates from universal input voltage of 90-254 vac.
Dual intensity control	all model 21DC feature 0-100% electronic dimming. an optional mechanical iris enables dimming without any shifting in color properties.
Field operation and Facility Transportability	the model 21DC can be factory-equipped with an optional side handle for applications where the illuminator must be frequently moved.
High Brightness	the model 21 accepts both the EKE and EJV lamp. the EKE is for standard illumination. the EJV lamp provides extreme high brightness light (at expense of 25% the lamp life) when needed.
Easy lamp Replacement	simply loosen the two screws on the front panel and pull out the lamp assembly.
Safety	the model 21DC comes equipped with a thermal safety switch which removes power to the unit in the event of overheating.
Dimensions	7.1" wide by 7.9" deep by 4.1" tall.

SELECTION GUIDE

standard 90-240 vac models

21DC-3KXD (legacy prt#21DC1K100X, 21DC2K100X)

21DC-3K6D (legacy prt#21DC1K200X, 21DC2K200X (5/8" Nosepiece))

expanded capability models - contact us

Obsoleted: 21DC1K110X (Iris)

Obsoleted: 21DC1K300X (Accepts IR and Color Filters)

Obsoleted: 21DC1K310X (Iris, Accepts IR and Color Filters)

standard 220 vac models

Replaced: 21DC2K100X (see 21DC-3KXD above)

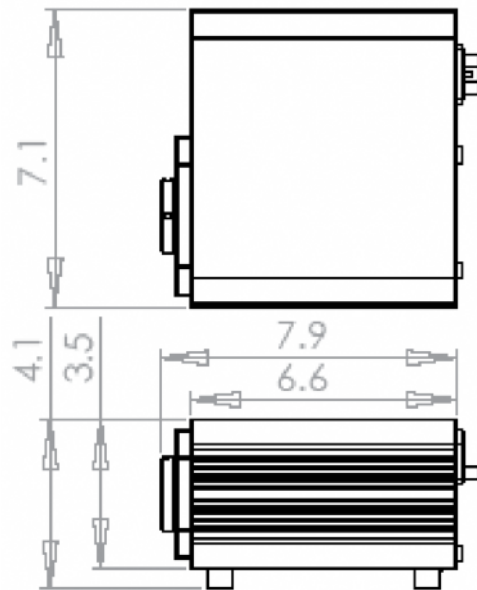
Replaced: 21DC2K200X (see 21DC-3K6D above)

expanded capability 220 vac - contact us

Obsoleted: 21DC2K110X (Iris)

Obsoleted: 21DC2K300X (Accepts IR and Color Filters)

Obsoleted: 21DC2K310X (Iris, Accepts IR and Color Filters)



TECHNIQUIP CUSTOM SOLUTIONS IN LIGHT

TechniQuip is an ISO 9001:2000 certified supplier that has been engineering and manufacturing precision lighting devices using LED, Fluorescent, Xenon, Metal Halide, and Halogen technologies since 1970. We offer a complete line of fiber optic cables and assemblies for transporting light. Our standard products can be seen online at www.techniquip.com. Most orders ship the same day and we guarantee all our products. Call or e-mail us today at 888-414-0789 or blue@techniquip.com.



OEM-OPTICAL.COM / Nyoptics Inc
 2009 BLUE OAK COURT, DANVILLE, CA 94566
 PHONE 925.820.3444 FAX 925.820.0964
Sales@nyoptics.com • www.oem-optical.com



MADE IN U.S.A

