...*Light Years Ahead!*

O.C. White Co.

Quality Since 1894

WHITE LIGHTS ®

...Light Years Ahead!

Our Vision Brings You Into The 21st Century!

WHITE LIGHTS ®

O.C. White Co.
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INDEX

The O.C. White Co. is proud to introduce our NEW 2001 catalog, featuring the world's best and most innovative products for electronic, industrial, medical and retail use.

From our roots in 1894, our founder Otis C. White, created the highest quality products to help light the way into the future. Awarded with a gold and silver medal and honorable mention in the 1901 Pan American Exposition held in Buffalo, NY,. this tradition of creativity and quality continue to be the hallmark of our company today.

In more recent days, we have been awarded patents for our "Exhaust-A-Lite®"; a combination fume remover and light. We introduced the world's first and only fully dimmable fluorescent magnifier, the "Vision-Lite® 2000".

We also lead the way in **ESD safety**, ergonomics, electrical safety and durability allowing our firm to offer the best **10 year warranty** in the world today.

Thank you for continuing to choose O.C. White for your lighting and inspection needs in the new millennium.

Richard L. May
President

Standard Finishes

- Light Grey (Off White)
- Black

Optional Finishes Available*

- Orange
- Red
- Green
- Yellow
- Blue
- Tan

*Optional colors, 24 piece minimum or $100 set-up charge.

■ Consult factory for custom colors

Configuration Chart
Optional Cords*

Plug 1
16 Ampere 250 Volt / EU1-16P
European & French
"SCHUKO" Receptacle and plug. Non-Polarized Receptacle CEE 7. Plug CEE 7-7.

Plug 2
13 Ampere 250 Volt / UK1-13P
United Kingdom
Receptacle and fused plug, Polarized.
(BS 1363A)

Plug 3
5 Ampere 150 Volt / UK3-5P
United Kingdom
Receptacle and plug. Polarized
(BS 546A)

Plug 4
10 Ampere 250 Volt / AU1-10P
Australian
Receptacle and plug. Polarized.
(AS/NZS 3112 1993)

Plug 5
10 Ampere 250 Volt / IT1-10P
Italian
Receptacle and plug, Non-Polarized
(CEL 23-16/VII 1971)

Plug 6
10 Ampere 250 Volt / SW1-10P
Swiss
Receptacle and plug, Polarized.
(SEV 1011. 1959)

Plug 7
10 Ampere 250 Volt / DE1-10P
Danish
Receptacle and plug, Polarized.
(AFSNIT 107-2-01)

Plug 8
16 Ampere 250 Volt / IS1-16P
Israeli
Receptacle and plug, Polarized.
(SE 32)

Plug 9
15 Ampere 125 Volt / JA1-15P
Japanese
Receptacle and plug, Polarized
(JIS 8303)

- Not available on all products, look for IEC.

O.C. White Co. is proud to have worked with or to be a member of the following organizations.

- UL® Underwriter's Labs
- CSA Canadian Standards Association
- TUV   - CE
- NEMA   - ESD Association
- IPC   - SMTA

Illuminated Magnilites®
Super Scope 2000®

4-80X ZOOM VIDEO

ESD

WHITE LIGHTS®
O.C. White Co.
Quality Since 1894

SUPER SCOPE® MAGNILITES®

#TKSS-40

ERGONOMIC

Exclusive Zoom Color System

Inspection functions become easy with this high quality zoom video system. A hi-resolution CCD camera, mounted on our excellent zoom lens, provides magnification from 4X-80X.

- Ergonomic advantages
- ESD Safe cabinet, grounded steel
- Ergonomic viewing, 10.4" screen
- State of the art, TFT LCD monitor
- Compact, easy to move in convenient carrying case
- Video provides large quality image for multiple viewers
- Zoom magnification from basic 4-40X, up to 80X with optional lens
- High resolution, 600x480 pixels

- Excellent wide angle viewing
- Internet capable
  Using our optional frame grabber, images may be sent worldwide with ease
- NTSC or PAL signals available
- Adjustable focal length
  Set it to your own ergonomic height, focus it and zoom to almost any size you want
- Multiple light sources available 120V or 250V
- Training, simply connect to a larger CRT via our video out port to train, tape or print
- Excellent for quality programs, ISO 9000, FDA training, or communicating to others

- On screen menu, control light, color, tint, contrast and many other features via our exclusive on screen display. It can even flip the image or count your hours of use
- **Polarized cover shield (#14216) protects zoom lens from damage and provides glare reduction**
- Voltage, 100V-240V with IEC plug
- Optional external frame grabber connects Super Scope to any computer

Illuminated Magnilites®
Super Scope 2000®

ZOOM
4X-40X
OR
40X-80X

ERGONOMIC

Our exclusive "**Super Scope 2000**". It's as easy and comfortable as watching television TFT technology gives excellent viewing from all angles. This unique vision system allows the operator to choose their own working distance! Never be stuck again, bending over small eyepieces, creating neck pain and backaches. Reduces eye fatigue!

This system makes you the master. Just set your working distance and zoom in.

This compact, lightweight unit is sold with or without a weighted base, or it fits on any standard microscope base that has a 5/8" receptacle. Also available with an excellent articulating arm or a clamp-on base (see below). Optional 2X lens, protective lens shield and other accessories available.
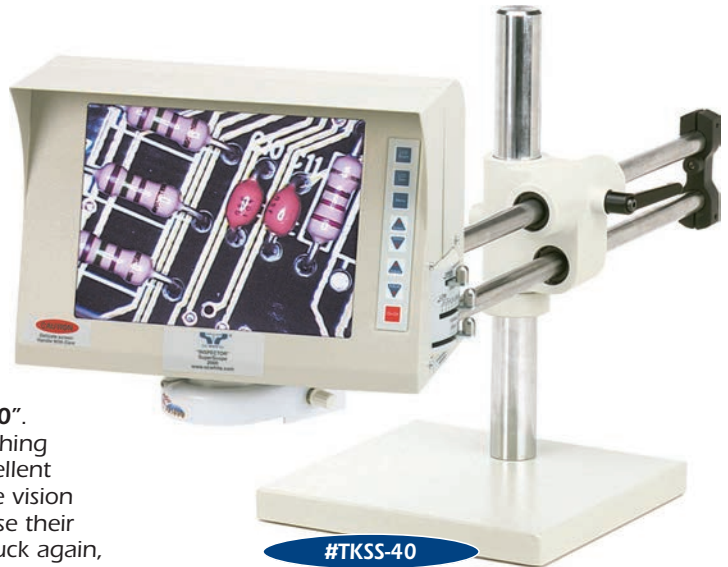
#TKSS-40

- LCD unit
- 48 lb. base
- 4-40X
- Voltage on LCD unit
- Fully dimmable fluorescent light #FV1000 120V or 230V
- Video out NTSC

#TKSS-40A

- LCD unit (#SS-40)
- 48 lb. base
- 4-40X
- Video out NTSC
- 150 Watt fiberoptic (FL3000A) with annular light

#TKSS-40D

- LCD unit (#SS-40)
- 48 lb. base
- 4-40X
- Video out NTSC
- 150 Watt fiberoptic (FL3000D) light with dual arms

#TKSS-SMS

- LCD unit (#SS-40)
- Articulating arm on "C" clamp
- 4-40X
- Video out NTSC
- Universal voltage on LCD unit
- FV1000 Fluorescent light

#TKSS-SMS-A

- LCD unit (#SS-40)
- Articulating arm on "C" clamp
- 4-40X
- Video out NTSC
- Universal voltage on LCD unit
- 150 watt fiberoptic light (FL3000-A)

Features

- **ESD safe** construction
- Ergonomic superiority
- Large 10.4″ TFT LCD screen
- Internet capable with NTSC out signals (PAL signal optional)
- Automatic voltage switching 100-240V
- Optional Micro-Lite® fiberoptic lights available
- Optional 2X lens for 80X magnification (#14212-2X)
- 48 lb. base standard
- Clamp-on base optional
- All systems optics are protected by a replaceable polarized glass shield

LCD Specs

- Superb 10.4″ TFT LCD
- Polarized glass screen eliminates glare
- 400 nit LCD backlights for clearer, crisper images
- 600 x 480 pixel resolution

Electrical Specs

- IEC plugs (see chart)
- Auto switchable power supply 100V-240V (UL, $_C$UL, CE)
- Low voltage output
- 120 volt or 230 volt 15 watt light included (UL, $_C$UL, CE)
- 1 year warranty

Accessories

- (#14216) clear lens shield with polarizer
- (#14212-2X) optional 2X lens for 40-80X mag
- Optional articulating-arm provides reach, left to right swing and easy vertical placement
- Optional external frame grabber (#18516)

Mechanical Specs

#TKSS-40
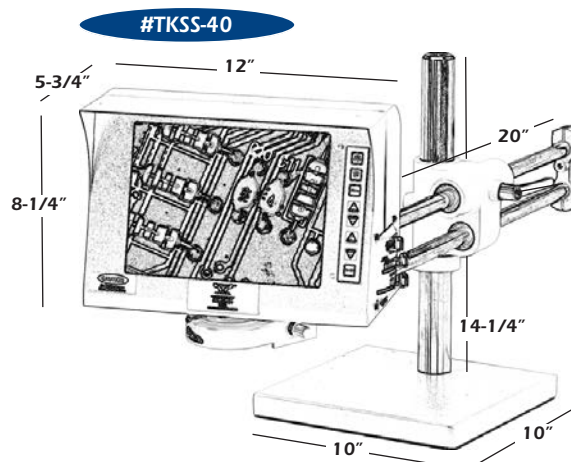
▶ **Most Popular**

Product #	Bases Available		Light Type Available UL/$_C$UL/CE available					
	Weighted 48 lbs.	Articulating Arm "C" Clap-On Base	Fluorescent (FV1000)		Fiberoptic (Annular FL3000A)		Fiberoptic (Dual Point FL3000D)	
			120V	230V	120V	230V	120V	230V
▶ TKSS-40	X		X					
▶ TKSS-40A	X				X			
TKSS-40D	X						X	
TKSS-SMS		X	X					
TKSS-SMS-A		X			X			
TKSS-SMS-D		X					X	
SS-40	(LCD only)		X					

Consult factory for other models/numbers/colors not listed
  * 2X available to increase zoom magnification to 80X   * Other light options available
  * 2X lens decreases focal length to approximately 3.5″

www.superscope2000.com

O.C. White Co.
WHITE LIGHTS ®
Quality Since 1894

Our Vision Brings You Into The 21st Century.

MICRO BGA INSPECTION

EXCELLENT 50-200X ZOOM

ESD

#TKBGA-1

■ **Revolutionary BGA Lens**
This lens offers an incredible depth of field from a magnitude of 50X to 200X with a quick and easy turn of the adjustment ring the lens is rotated to yield clear, sharp 3D images from various angles. Never before has it been so easy to view the quality of BGA's, Micro-BGA's, solder joints, solder paste print, surface structure, placement, alignment and flux process. The images come alive!

■ **3 Chip Camera with Superior Hi Resolution Images**
Clear, sharp and bright hi-resolution 3D images are captured by one of the finest 3 chip camera's transmitted to a 14" hi-resolution monitor. Camera applications allow infinite adjustments of light and contrast. Simply superior!

■ **Unique, Versatile and Flexible Metal Halide Light Source**
12V light source provides 4 fiber optic light bundles with intense 5500°K white light, a process that provides true daylight illumination for color rendering and color balance.

■ **State of the Art Stage, Stand and XY Table**
Easily functional, attractive and durable support system specially designed for precise fine focusing applications. Electro-mechanical X-Y table, ESD mat and ground strap.

■ **Optional Scale and Measurement Equipment**
High quality, high performance scaling and measurement system with up to 10 password protected calibrations. (#18517)

■ **Optional Frame Grabber Software**
Hi-resolution real time video system with pop up image capability. An easy to use documentation system that features data download capability for archiving or worldwide email transmissions. External unit for ease of use. (#18516)

■ **Replaceable Tips**
Low cost glass mirror tips are easy and quick to change, eliminating down time. (3 pack #18515-3)

ERGONOMIC BENEFITS...

These 3D INSPECTION SYSTEMS offers true ergonomic benefits to the work place:

- The inspector sits or stands at the workplace in an ergonomically correct posture, performing inspection tasks.
- Inspection is conducted using a Hi-Resolution Monitor depicting 3D color images.
- Ease of training is an added benefit. Now everyone sees the same 3D Hi-Resolution Color Images on the monitor versus the single person-single view process inherent with microscopes.

The Result: ACCURATELY MEASURED AND SCALED 3D HI RESOLUTION COLOR IMAGES INSPECTED IN A COMFORTABLE AND PRODUCTIVE WORK ENVIRONMENT!

The O.C.White Company, Inc. "**3D-BGA INSPECTION SYSTEM**" features:

- Revolutionary Lens With 50x-200x Magnification
- State Of The Art 3D Rotary Head
- 3 Chip CCD Camera
- Unique & Flexible Metal Halide Light Source
- Attractive and Sturdy Stage Including XY Table
- Hi-Resolution 14" Color Monitor
- Ultimate Video Measurement System (optional)
- High-Performance Hi-Resolution Frame Grabber (Optional)

Features
- Hi resolution 800 lines "S" video & RGB outputs

Monitor Specs
- 120V - 240V auto switchable
- 14" color

Electrical Specs
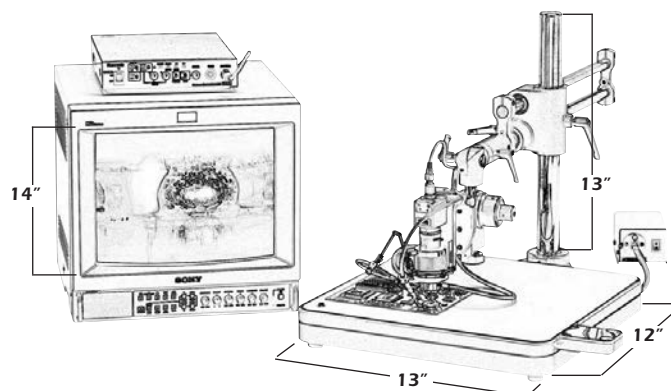- CE, UL, CSA

Accessories
- Glass tips (3 pack #18515-3)
- Frame grabber (#18516)
- Video reticle (#18517)

Mechanical Specs

#TKBGA-1

14"

13"
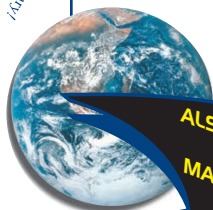
13"

12"

Actual 90° lens system

BGA with contaminant

BGA close up

www.bgainspection.com

Illuminated Magnilites®
Vision-Lite® 2000

O.C. White Co.
Quality Since 1894

WHITE LIGHTS®

Our Vision Brings You Into The 21st Century!

VISION LITE® MAGNILITES®

ALSO AVAILABLE IN 2X MAGNIFICATION

ESD

FLICKER

The **Vision Lite® 2000** is the **world's first dimmable fluorescent** illuminated magnifier. New "**Patented**" **state-of-the-art microchip** controlled ballast technology allows the Vision Lite 2000 to be dimmable from 100% down to 25%, so that highly reflective surfaces can easily be seen by dimming the units exclusive "Glare-Free" bulb. An exclusive slide switch allows the operator to change illumination intensity with the stroke of a finger. This bulbs unique design provides three-sided illumination, eliminating annoying shadows that are associated with magnifiers that have only two-sided, or left and right-sided bulbs. It also **eliminates all fluorescent flickering**, reducing eye fatigue.

#72400EZ-GFW

The **Vision Lite 2000** boasts one of the **largest 46.5 sq. inch (7.5"X 6.2")** and **clearest** 3 diopter (1.75X-1.85X) **lenses** available for any magnifier product. It is also equipped with an **ESD safe** shade. Options include our **4 diopter** lens (2X) or our excellent anti-reflective coating (A/R) to reduce overhead glare, or our exclusive U.V. bulb to inspect conformal coating or plating voids.

Patent #5,757,142

ERGONOMIC

#72400

- **ESD safe** construction
- Ergonomic
- 3 diopter 7.5" x 6.2" lens (1.75-1.85x)
- 43" reach
- Clamp-on
- Standard Glare-free bulb (#13392)
- White finish
- UL/$_C$UL/CE

#71600 BLACK

- **ESD safe** construction
- Ergonomic
- 3 diopter 7.5" x 6.2" lens (1.75-1.85x)
- 25" reach
- 38 lb. weighted portable base
- Standard Glare-free bulb (#13392)
- Black finish
- UL/$_C$UL/CE

#13226

- UV impregnated plastic
- Easy clip-on
- Protects bulb
- Optional
- Clear

#14161

- **10 diopter add on lens to boost magnification power.**

NEW

Features

- **ESD safe** construction
- Ergonomic positioning
- Excellent 7.5" X 6.2" optical quality lens
- Exclusive shadowless wrap around bulb
- "Patented" fully variable bulb
- 34 watts @ high easily slides to approximately 7 watts
- Exclusive glare-free phosphors help reduce reflections
- Other phosphors available
- Convenient shade handles
- E-Z to use, rotatable locking handles
- **E-Z Swivel®**, allows sideways or angular mounting on all benches
- Anti-reflective lens coating available. Specify A/R after product # (available on 3 diopter only)
- Optional UV (365 nanometers) bulb (#13393) cool white (#13394) or yellow bulbs (#13395) available
- Industrial quality Ultraflex® arm assembly, excellent holding ability
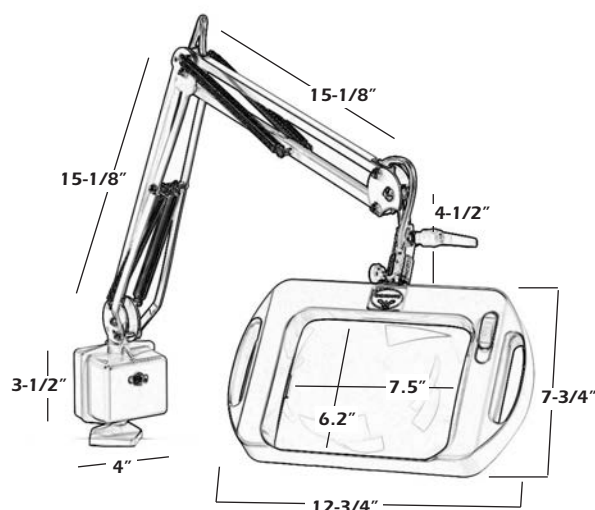- **10 year mechanical warranty**

Mechanical Features

- 7.5" x 6.2" lens
- 43" reach standard
- 25" optional
- Springs (music wire)
- Bulb (U shaped), 10,000 hour life
- Steel swivel
- 1/2" square x .042" rugged arm
- Variety of bases available

Electrical Specs

- Low voltage (12V)
- 120 volt, 230 volt optional
- Molded 3 wire plug
- 34 watt maximum
- Electronic transformer "patented"
- **UL/cUL & CE** available
- 1 year warranty
- **IEC cord (see chart)**

Mechanical Specs

#72400EZ-GFW

▶ *Most Popular*

Product #	Ultraflex® 25"	43"	Mounting Base Clamp on	Screw down	Weighted 38lb.	Bulb Type Cool White	Glare Free	UV Blk. Lt.	AP	Finish Lt. Grey	Blk.	Lens Diopter 3	3AR*	4	Voltage STD 120	OPT 230
71400GF	X		X				X			X		X			X	
71600GF Black	X				X		X				X	X			X	
72300GF		X		X			X			X		X			X	
72300GF-4		X		X			X			X				X	X	
72300GF-AR		X		X			X			X			X		X	
▶ **72400GF-Black**	X		X				X				X	X			X	
▶ **72400GF**	X		X				X			X		X			X	
▶ **72400GF-4**	X		X				X			X				X	X	
72400GF-AR	X		X				X			X			X		X	
72400GF-UV	X		X					X		X		X			X	

Consult factory for other models/numbers/colors not listed   * Optional colors available upon request, consult factory for details
  * For black specify after part #   * For 230 volt products select cord type from chart
  * Anti-reflective coating (Specify A/R)   * For optional bulbs specify CW, UV or yellow after part # or "Glare-Free" supplied

www.visionlite2000.com

Illuminated Magnilites®
Big Eye™

BIG EYE™ MAGNILITES®

ALSO AVAILABLE IN 2X MAGNIFICATION

ESD

Our famous "**Big Eye**" is one of our largest magnilites® with either a 7.5″ 3 diopter or a 7.5″ 4 diopter (2X) optical quality lens. Wrapped in an **ESD safe** shade, it includes a 10″ shadowless 34 watt circline bulb.

Available with either (#13362) cool white or our exclusive (#13363) "Glare-Free" bulb which helps to reduce glare on solder connections or any shiny surface.

Offered on our 25″ or 43″ Ultraflex® arms, it's rugged, smooth and easy to use. See why the "Big Eye" leads the world in quality and viewing area compared to other smaller round magnifiers.

#52400GF

- **ESD safe** construction
- Ergonomic large lens
- 43″ Ultraflex Arms®
- Clamp-on
- "Glare-Free" bulb
- 10 year mechanical warranty
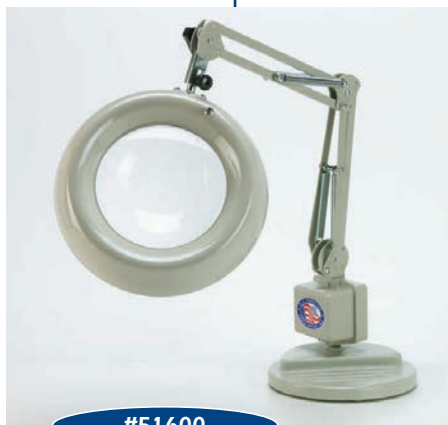
#51600

- **ESD safe** construction
- Ergonomic large lens
- 7.5″ optical lens
- 25″ Ultraflex® arms
- 38 lb. weighted base (not shown)
- Cool white bulb
- 10 year mechanical warranty
- UL/cUL

#51400

- **ESD safe** construction
- Ergonomic large lens
- 7.5″ optical lens
- 25″ Ultraflex® arms
- Clamp-on
- Cool white bulb
- 10 year mechanical warranty
- UL/cUL

#31900

- **ESD safe** construction
- Ergonomic large lens
- 7.5″ optical lens
- Special base (lab style)
- Cool white bulb
- 10 year mechanical warranty
- UL

Features

- **ESD safe** construction
- Excellent 7.5″ round lens
- Shadowless 10″ circline bulb
- 34 watt output
- Cool white bulb (#13362)
  & glare-free (#13363) optional
- 25″ or 43″ Ultraflex® arms
  Excellent holding ability
- Superior clamp (cast iron) (#11440-1)
- 10 year mechanical warranty
- Universal fit to any of our bases

Mechanical Features

- Standard Reach 25″ + 43″
- 1/2″ square X .042″ rugged arms
- Easy spring loaded movements for
  excellent holding without failure
- Steel & aluminum construction for
  strength and ESD safety
- 7.5″ lenses, 3 diopter (1.75X) and
  4 diopter (2X)
- Wide, quality clamp or weighted
  38 lb. base
- Portability, each unit fits all bases

Electrical Specs

- 120 volt or 230 volt
- UL/cUL approved
- CE available - 230 volt
- 3 wire grounded cord
- 34 watt bulb
- Switch (#13534)
- **IEC cord (see chart)**

Mechanical Specs

#52400GF
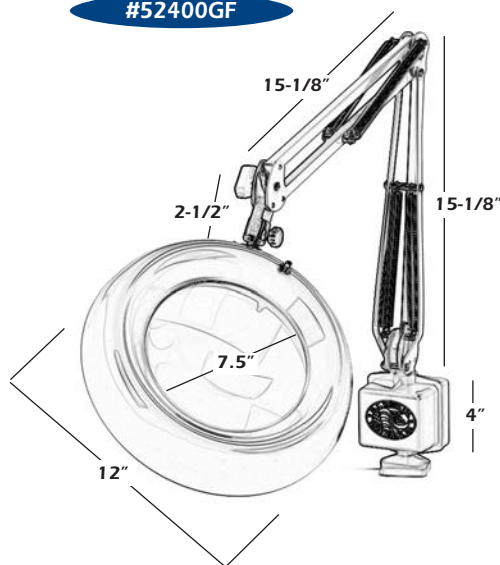
15-1/8″
15-1/8″
2-1/2″
7.5″
4″
12″

▶ **Most Popular**

Product #	Ultraflex® 25″	43″	Clamp on	Screw down	Weighted 38lb.	Cool White	Glare Free	Lt. Grey	Blk.	1.75X	2X	STD 120	OPT 230
			Mounting Base			Bulb Type		Finish		Lens Diopter		Voltage	
31900				Special Bases		X		X		X		X	
31900-4				Special Bases		X		X			X	X	
51400	X		X			X		X		X		X	
51600	X				X	X		X		X		X	
52300		X		X		X		X		X		X	
52300-4		X		X		X		X			X	X	
▶ **52300GF**		X		X			X	X		X			
▶ **52400**		X	X			X		X		X		X	
▶ **52400-4**		X	X			X		X			X	X	
▶ **52400GF**		X	X				X	X		X		X	

Consult factory for other models/numbers/colors not listed   * Optional colors available upon request, consult factory for details
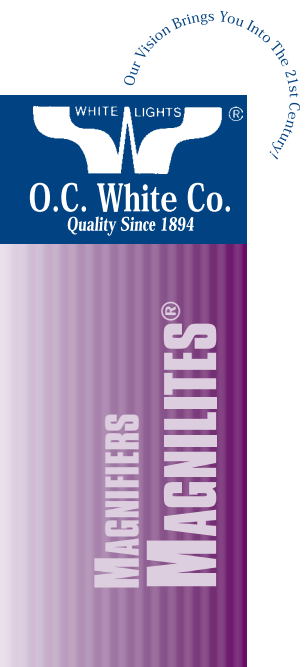 * For black specify after part #   * For 230 volt products select cord type from chart
 * For optional bulbs specify GF after part # or cool white supplied

www.ocwhite.com

Illuminated Magnilites®
Standard Magnifiers

MAGNIFIERS
MAGNILITES®

CLEAR, CRISP 5" LENS

ESD

Quality 5″ **Magnilites®**. A standard at many work areas for years, our excellent quality 5″ magnifier is available in many configurations to fit your needs. Available in either 3 diopter (1.75X), or 5 diopter (2.25X). An optional 3 diopter add-on lens is available (#14015) to add greater magnification.

Standard reaches include our industrial deluxe version of 25″ or 43″ long arms. Our Prolite® line of arms are available in 25″, 37″ & 45″.

Clamp-on, screw-down, wall mount & portable weighted bases available. Ultraviolet bulbs are available, and are excellent for viewing conformal coating, plating voids, and metal stress or other inspection applications needing U.V. (black light). A standard light grey, hard coat finish, other colors available.

#32400

- **ESD** shade
- 5″ lens
- Cool white
- 43″ Ultraflex® reach
- Clamp-on
- 10 year mechanical warranty
- Light grey finish
- UL/$_C$UL approved

#53139

- 5″ magnifier, 3 diopter
- 45″ long
- Clamp on
- Cool white bulb
- Light grey finish
- UL/$_C$UL

#51739

- 5″ magnifier, 3 diopter
- 25″ long
- 11 lb. weighted base
- Cool white bulb
- Light grey finish
- UL/$_C$UL

#51139

- 5″ magnifier, 3 diopter
- 25″ long
- Clamp-on
- Cool white bulb
- Light grey finish
- UL/$_C$UL

Features

- **ESD safe** construction
- Quality 5" lens
- Hard coated aluminum shade
- Inner reflective liner
- 22 watt circline cool white bulb (#13367)
- U.V. (blacklight) bulb (#13381) optional
- Variety of arms available
- Variety of colors available
- Replaceable springs (music wire)
- Optional 3 diopter snap on lens (#14015)
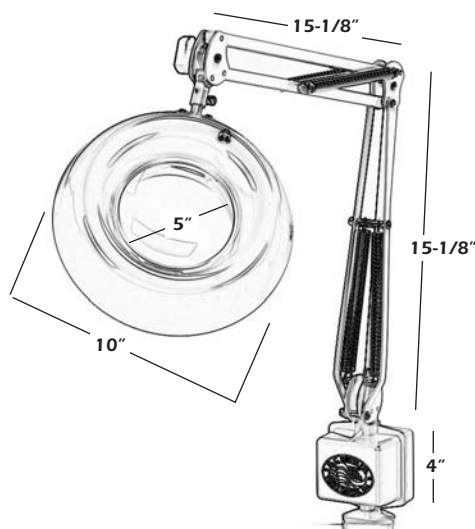
Mechanical Features

- Standard Reaches 25" + 37" + 45"
- 1/2" square X .042" rugged Ultraflex® arms or 3/8" Prolite® arms
- Easy spring loaded movements for excellent holding without failure
- Steel & aluminum construction for strength and ESD safety
- 5" lenses, 3 diopter (1.75X) and optional 5 diopter (2.25X)
- Wide, quality clamp or weighted bases
- Universal fit on all bases

Electrical Specs

- 120 volt 60 HTZ standard
- 230 volt 50 HTZ optional
- 22 watt bulb
- Switch (#13534)
- 3 wire grounded cord
- UL/$_C$UL
- **IEC cord (see chart)**

Mechanical Specs

#32400

Product #	Ultraflex® 25"	Ultraflex® 43"	Prolite® 25"	Prolite® 37"	Prolite® 45"	Clamp on	Screw down	Weighted 11lb.	Weighted 16lb	Cool White	UV Blk. Lt.	Lt. Grey	Blk.	Diopter 3	Diopter 5	STD 120	OPT 230
32300	X						X			X		X		X		X	
▶ **32400**	X					X				X		X		X		X	
51139			X			X				X		X		X		X	N/A
▶ **51739**			X					X		X		X		X		X	N/A
52139				X		X				X		X		X		X	N/A
52239				X			X			X		X				X	N/A
▶ **53139**					X	X				X		X		X		X	N/A
53139UV					X	X					X	X				X	N/A
53239				X			X			X		X				X	N/A
▶ **53139-5**					X	X				X		X			X	X	N/A

Consult factory for other models/numbers/colors not listed

* Optional colors available upon request, consult factory for details
* For black specify after part #
* For 230 volt products select cord type from chart
* Add (-5) after product # for 5 diopter lens

www.magnilites.com

EXCLUSIVE TRANSPARENT HALO SHADE

Our exclusive **halo shade**, encloses our 5" lens. This translucent shade allows light through, helping your eyes over long term use. Reduced contrast minimizes eye fatigue. Available in 3 diopter (1.75X) only, the 3 diopter add-on lens (#14015) snaps in for increased magnifications (2.5X).

Standard reaches include our industrial deluxe version of Ultraflex® 43" long arms and our Prolite® line of arms, available in 25", 37", 45" long, in a variety of bases. A 22 watt cool white bulb provides diffused, soft lighting. Standard light grey or black hard coat finish, other colors available. Easy movements, long life, easy to maintain. 10 year mechanical arm warranty. An O.C. White exclusive.

#30800

- 5" 3 diopter
- Halo shade
- 43" Ultraflex® arms
- 22 watt cool white bulb
- Clamp-on

#71739

- 5" magnifier, 3 diopter
- Halo shade
- 25" long
- 11 lb. weighted base
- Cool white bulb (#13367)
- Light grey finish
- UL

#73139

- 5" magnifier, 3 diopter
- Halo shade
- 45" long
- Clamp-on
- Cool white bulb (#13367)
- Light grey finish
- UL

#31800

- 5" magnifier, 3 diopter
- Halo shade
- Portable lab type base (15" vertical reach)
- Cool white bulb (#13367)
- Light grey finish
- UL

#73138-G

- 5" magnifier, 3 diopter
- Halo shade
- 45" long
- Clamp-on
- Cool white bulb (#13367)
- Black finish only
- UL

WHITE LIGHTS®

Our Vision Brings You Into The 21st Century!

Features

- Excellent eye easing translucent shade
- 5" round lens, 3 diopter (1.75X)
- Shadowless 8" bulbs (#13367)
- 22 watt
- Cool white bulb standard
- Choice of arm & reach for easy co-ordination on the bench
- 25", 37" & 45" Prolite® arms (3/8" sq. x .035")
- 43" Ultraflex® arms (1/2" sq . X .042")
- Variety of colors available
- Easy movement, excellent holding
- Steel & aluminum construction
- Injection molded, UV resistant, rugged shade
- Universal fit on all bases
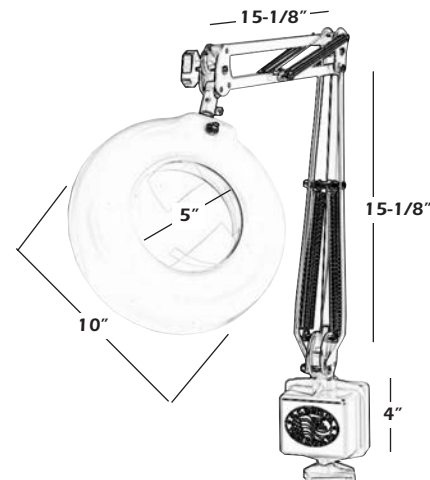- Optional 3 diopter snap-on lens (#14015)

Mechanical Features

- Standard Reach 25" + 37" + 45"
- 1/2" square X .042" rugged arms or 3/8'" X .035 arms
- Easy spring loaded movements for excellent holding without failure
- Steel & aluminum construction for strength and ESD safety
- 5" lens, 3 diopter (1.75X)
- Wide quality clamp or weighted bases
- Portability, each unit fits all bases

Electrical Specs

- 120 volt 60HTZ
- 230 volt 50 HTZ available on Ultraflex® models only
- 22 Watt
- Switch (#13534)
- 3 wire grounded cord
- UL
- **IEC cord**

Mechanical Specs
#30800

15-1/8"

15-1/8"

5"

10"

4"

▶ **Most Popular**

Product #	Ultraflex® 25"	43"	Prolite® 25"	37"	45"	Mounting Base Clamp on	Screw down	Weighted 11lb.	16lb.	30lb.	Bulb Type Cool White	Finish Lt. Grey	Blk.	Lens Diopter 3	Voltage STD 120	OPT 230
▶ **30800**		X				X					X	X		X	X	
30700		X					X				X	X		X	X	
31800						**SPECIAL BASE**					X	X		X	X	
▶ **73139**					X	X					X	X		X	X	NA
73239					X		X				X	X		X	X	NA
72139				X		X					X	X		X	X	NA
71739					X	X					X	X		X	X	NA
▶ **73138-G**			X					X			X	X		X	X	NA

Consult factory for other models/numbers/colors not listed
* Optional colors available upon request, consult factory for details
* For 230 volt products select cord type from chart

www.magnilite.com

Stereo-Zoom Microscopes
Olympus Systems

EXCELLENT PRISM OPTICS

ESD

O.C. White Co.
WHITE LIGHTS ®
Quality Since 1894

Our Vision Brings You Into The 21st Century!

OLYMPUS MICROSCOPES

Our fine **Olympus microscope systems**, provide an excellent image resulting from prisms. Extra wide eyepieces provide an enlarged view while preserving a crystal clear image and an excellent depth of field. Eyepieces are tilted at a 45° angle for reduced neck fatigue.

A superior zoom range from 4-40X is standard but optional eyepieces and objective lenses allow a total magnification range up to 200X. Our finest system. Each system includes a .5X lens for increased working distance and a choice of light sources. Color filters and polarizer available separately.

Our fluorescent light is **ESD safe**, and electronic, which allows flicker-free, shadowless illumination on high and low levels. The FL100 (5600K°) glare-free bulb is standard. A FL150 deluxe white bulb

(6100K°) is available for brighter illumination or machine vision needs. Also available in ultra-violet (#FL-200) and yellow (#FL300 for photo resist. Also, a 3200K° bulb (#FL320) mimics fiberoptic lighting.

#TKVB-040

- SZ-445-E2
- 10X eyepieces
- .5X lens
- 48 lb boom stand
- FL1000 fluorescent light

ERGONOMIC

#TK040-A

- SZ-445-E2 Olympus
- 10X eyepieces
- .5X Lens
- 48 lb. adjustable stand
- **ESD** FL3000A-6A fiberoptic light

#TK040-QVABL

- SZ-445-E2 Olympus
- 10X eyepieces
- .5X Lens
- 48 lb. adjustable stand
- **ESD** FL3000-QVABL backlight

#TK040-D

- SZ-445-E2 Olympus
- 10X eyepieces
- .5X Lens
- 48 lb. adjustable stand
- **ESD** FL3000D dual point light

#TK040-SMS

- SZ-445-E2 Olympus
- 10X eyepieces
- .5X Lens
- Heavy duty 37″ articulating flex arm clamp-on arms.
- **ESD** FL1000 Fluorescent Light

WHITE LIGHTS ®

O.C. White Co.
Quality Since 1894

Features
- **ESD safe** Construction
- Excellent **ESD** POD (#SZ-445-E2)
- Greenough optics for improved flatness & contrast
- 45° viewing angle
- Interpupil adjustment (50-76mm)
- Long working distance (110mm)
- Quick zoom 4-40X, higher optional
- Large 10X eyepieces (22 mm wide)
- Variety of bases, for ESD safety
- Quality ESD safe lights
- 5 year optical warranty
- Tri-nocular image port may be added for video or photography

Accessories
- 2-S440-E **ESD** (10X eyepieces)
- 2-S442 GSWH-15X (15X eyepieces)
- 2-S445 GSWH-20X (20X eyepieces)
- 1-S819 (.5X lens)
- AF-5801 eyeguards
- S-0266E **ESD** focus arms

Tri-Nocular Accessories
- Image port (#S-0141)
- Video adapter (#SZ-CTV)

Electrical Specs
- 120 volt 60 HTZ
- 230 volt optional
- 15 watt fluorescent (#FL1000-6A) (#FL-100 bulb) UL/$_C$UL/CE
- Optional white bulb (#FL150)
- Optional UV (blacklight #FL200)
- Optional yellow bulb (#FL300)
- 150 watt fiberoptics
- EKE bulb (#FL400) 21 Volt
- Optional DDL bulb (#FL500)
- CE approved available

Mechanical Specs

#TKVB-040

45° Angle

9"

20"

14-1/4"

10"

10"
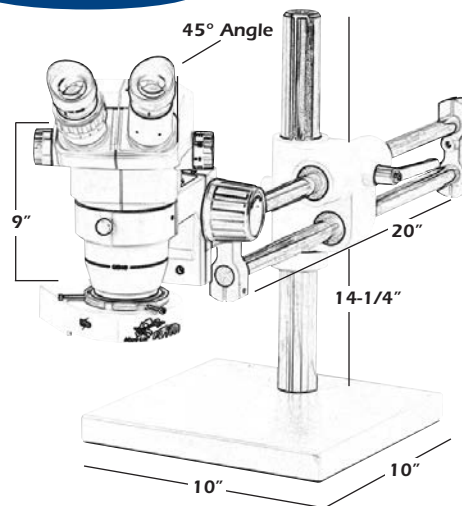
▶ **Most Popular**

Product #	SZ4045	Eyepieces 10X	Lights Available			Bases Available			Finish Lt. Grey
			Fluorescent FL1000-6A	Fiberoptic FL3000A-6A	FL3000D	"S" Type	Flex Arm	Spring Arm	
▶ **TKVB-040**	X	X	X			X			X
▶ **TK040-A**	X	X		X		X			X
TK040-QVABL	X	X	**WITH BACK LIGHT**			X			X
TK040-D	X	X			X	X			X
▶ **TK040-SMS**	X	X	X				X		X
▶ **TK040-SMS-A**	X	X		X			X		X
TK040-SMS-D	X	X			X		X		X

Consult factory for other models/numbers/colors not listed
  * For optional eyepieces, stands and video consult factory
  * For 230 Volt, specify when ordering
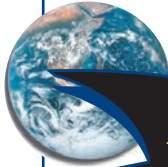
www.ocwhite.com

Stereo-Zoom Microscopes
Meiji Systems

LIFETIME WARRANTY

MEIJI **MICROSCOPES**

ZOOM 7-135X

ESD

ERGONOMIC

This new ESD safe stereo microscope provides high quality zoom magnification from 2.1X-270X with optional accessories.

Excellent crisp, high resolution images and superior depth of field. Ergonomic 45° eyepieces, **ESD safe** construction, and various options for increased magnification, all at moderate price levels. Excellent value for high end quality.
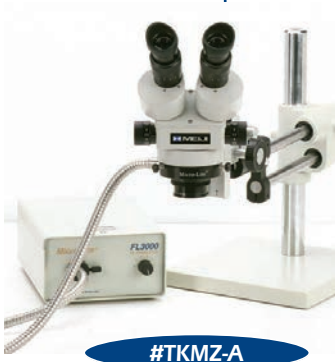
Zoom controls on the side for easy and ergonomic use. Standard zoom from 7-45X while maintaining clear, crisp focus throughout the range.

Optional SMD inspection attachment oblique viewer #MA571, for inspection of surface mount components.

#TKMZ-73

- 3.5X-45X
- 10X eyepieces
- Boom stand
- .5X reducing lens
- Fluorescent light

#TKMZ-A

- .7-4.5X pod
- 10X eye pieces
- Boom stand
- .5X lens
- FL3000A fiberoptic light
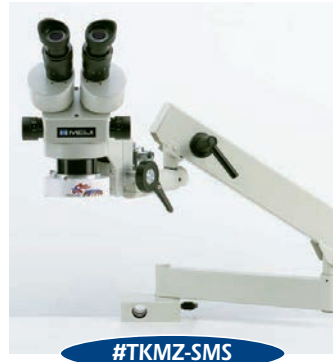
#TKMZ-D

- .7-4.5X pod
- 10X eye pieces
- Boom stand
- .5X lens
- FL3000D dual point light

#TKMZ-SMS

- .7-4.5X pod
- 10X eye pieces
- Articulating arm
- Boom stand
- .5X lens
- FL1000 fluorescent light

#MA571

- Oblique viewer fits any Meiji package
- Quick change over between vertical or oblique viewing
- Excellent for flat packs, chips, and all small components

Features

- **ESD** components
- High resolution optics
- Interchangeable eyepieces
- Excellent depth of field
- Limited lifetime warranty (registration required)
- Tri-noculor model #EMZ-5TR available

Accessories for EMZ-5

- .5X lens #MA517
- .3X lens #MA530
- 10X eyepieces #MA502
- 15X eyepieces #MA503
- 20X eyepieces #MA504
- 30X eyepieces #MA521
- Micro focus arm #FC
- Rubber eyeguards #MA600
- SMD oblique viewer #MA571
- Tri-noculor head #EMZ-STR
- Universal stand #S-4300
- Eyepiece micrometer #MA510
  (10mm square subdivided into 100 squares)
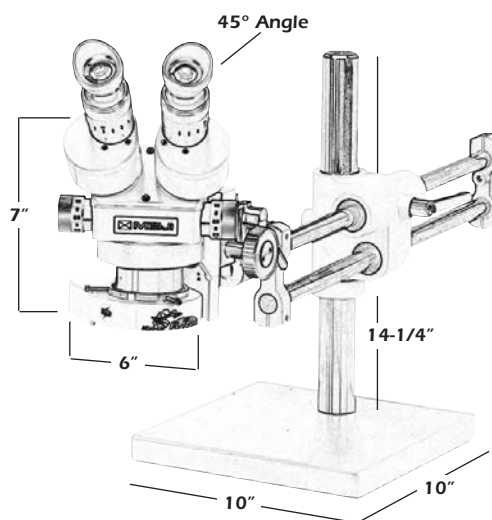
Video Version (not shown)

#TKMZ-TR

- Microscope with color camera and
  hi-resolution color monitor

Electrical Specs

- **FL1000** fluorescent
  - 120 volt $_C$UL
  - 230 volt CE available
- **FL3000** fiberoptic units
  - 150 watts
  - 21 volts
- EKE FL400 or DDL FL500 bulb

Mechanical Specs

#TKMZ-73

45° Angle

7"

6"

14-1/4"

10"   10"

Product #	Meiji EMZ-5	Eyepieces 10X	Fluorescent FL1000-6A	Fiberoptic FL3000A	FL3000D	"S" Type	Flex Arm	Spring Arm	Finish Lt. Grey
TKMZ-73	X	X	X			X			X
TKMZ-A	X	X				X			X
TKMZ-QVABL	X	X	WITH BACK LIGHT			X			X
TKMZ-D	X	X			X	X			X
TKMZ-SMS	X	X	X				X		X
TKMZ-SMS-A	X	X		X			X		X
TKMZ-SMS-D	X	X			X		X		X

Consult factory for other models/numbers/colors not listed
   * For optional eyepieces, stands and video consult factory

www.ocwhite.com

Micro-Lite®
Fluorescent Microscope Lighting

MICRO-LITE®
FLUORESCENT

ESD & DIMMABLE

ESD

FLICKER

Patent #5,757,142

#FL1000-6A

NEW

Our fully variable Micro-Lite **#FV1000**, provides all of the same superior qualities of the FL1000, but it dims from 100% to approx. 5%. This allows you to control glare, take pictures better or just simply blend better light on your individual application. Both units are available with our standard 5600°K anti-glare bulb, (#FL100) or our 6100°K bulb (#FL150), which is superior for machine vision, or our ultraviolet bulb (#FL200) for special application lighting such as conformal coating and plating voids. Also, our new (FL-320) fiberoptic type bulb mimics the 3200°K put out by fiberoptic lights.

Micro-Lite® FL1000 illuminators provide the highest quality "state of the art", advanced technology lighting in the market today. Advanced electronic circuitry allow our "patented" technology to dim these fluorescent lights like never before. Our standard 2 step dimmable unit combines hi-frequency, flicker free illumination, **ESD safety**, superior lamp technology and soft start technology to provide one of the longest lasting microscope light and bulb combinations in the world market. Dims from 100% down to approx. 60%. Normal bulb life 7500 hours.

Choose between the hi-low version (#FL1000) or our new fully variable (FV-1000). Both include our easy in, easy out bulb (exclusive Micro-Lite® base.) Takes but a few seconds to remove and replace! No exposed wires for extra safety. All lights bought separately, include a threaded or custom adapter. Please choose product number then adapter number, 120 volt and 230 volt available. (UL, $_C$UL & CE approved.)

NEW

#FV1000

- **ESD** shade
- Fully variable
- Flicker free
- FL100 bulb 15W
- 2.35" I. D.
- Adapter Included (choose from chart)
- UL/$_C$UL/CE

#FL1000

- **ESD** shade
- Two step hi/low
- Flicker free
- FL100 bulb 15W
- 2.35" I. D.
- Adapter included (choose from chart)
- UL/$_C$UL

Now Available A Micro-Lite exclusive, **aperture bulbs**, for extremely high light needs. This special design concentrates much more light funneled towards the bottom. Excellent on our new #FV1000. Our patented fully variable units adjust from 100% to 5%.

Also our fiberoptic products consist of a high quality 150 watt light box and a variety of light guides. These halogen lights produce a 3200K°light color and come in annular shapes, dual or single light guides and backlights. Other light guides for cameras and special applications available. Custom light guides also available.

Features

- **ESD safe** light
- "Patented" (#5,757,142)
- Electronic circuitry, dimmable
- High quality, ceramic sockets
- Rare earth tri-color phosphors
- High frequency for flicker free operation 35(KZ)
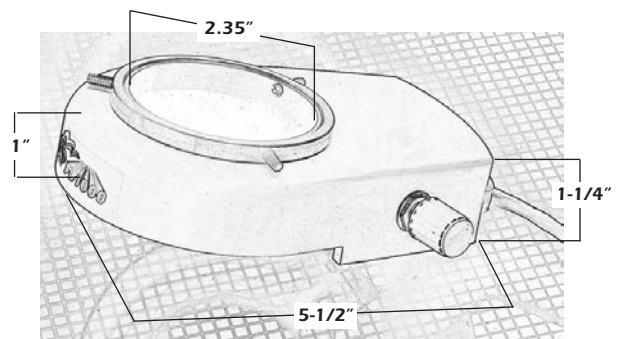- Variety of adapters
- Variety of bulbs
- Color, white

Accessories

- FL100 bulb "glare-free"
- FL150 bulb "deluxe white"
- FL200 bulb "UV"
- FL300 bulb "yellow"
- FL320 bulb "halogen style"
- **New aperture bulb**
- FA-150 for superior brightness

Electrical Specs

- 120 volt 60 HTZ
- 230 volt 50 HTZ optional
- 15 watt dimmable
- FL100 bulb standard
- UL/$_C$UL approved/CE approved

Mechanical Specs

Adapter Chart

MFGR.	MODEL #	FL1000
Meiji	EMF-1, EMF-2, EMT-1, EMT-2	-2
	EMZ-2, EMZ-2TR EMZ-2, EMZ-5, EMZ-5TR	-0
Olympus	SZH	-1
	SZ-111, SZ-111-Tr, JM/JM-Tr, SZ-30, SZ-40, SZ-60, without Aux. Lens	-6A
Nikon	SM, SMZ, SMZ-10	-0
	SMZ-1/1B, SMZ-DOD, SMZ-2B/2T, SMZ-660 SMZ-645, SMZ-800, SMZ-1500, SMZ-1000	-11

Adapter Chart

MFGR.	MODEL #	FL1000
Unitron	ZSM FSB	-8 -9
Wild	M-3, M3Z Plan, M-4 M-4A, M-5A, M-7A, M7S M8, M4000	-1
Prior	ZS2500	-7A
Leica	SZ 1,2,3,4,5 and GZ4	-4
	GZ4 without Aux Lens	-4MAP
	GZ6 without Aux Lens	-4B
	SZ 6	-4A
	SZ 7	-3B
	(A)) Stereostar/Zoom Models 569, 570, 580	-6B

www.ocwhite.com

Micro-Lite®
Fiberoptic Microscope Lighting

MICRO-LITE®
FIBEROPTIC

ESD

COOL LIGHTING

Micro-Lites® new FL3000 series of 150 watt halogen light boxes and light guides provide long lasting, stable light for production and inspection work. Supplied with an EKE bulb (#FL400) standard, it is also available with a DDL bulb (#FL500) optionally. A special IR filter to reduce heat included in each unit. Solid state dimming and a universal nose piece provide easy to use, bright, soft light in a multi-functional package. Color filters available (CFK-3). **ESD safe** lights standard on all annular and dual point light guides. Special models available upon request. All voltages available. IEC molded plug for versatility and safety.

#FL3000A-4

- 150 watts
- EKE 21V
- Steel ESD
- 36″ ultra-thin annular
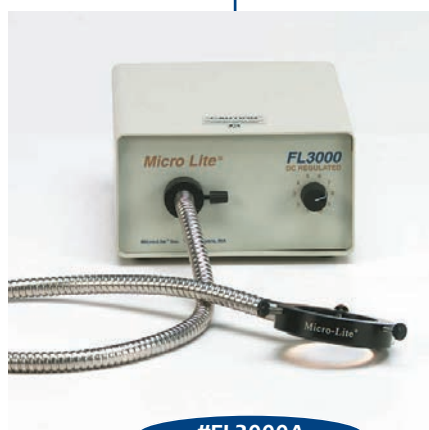
#FL3000A

- FL3000 - 150 watt box
- 36″ ultra-thin steel annular light guide
- Solid state dimming switch
- Lightweight, steel construction
- **ESD safe** construction
- FL-400 EKE bulb
- Includes adapter from chart

#FL3000D

- FL3000 - 150 watt box
- Solid state dimming switch
- Lightweight, steel construction
- 18″ self-supporting flexible dual arms
- Spot lenses included
- **ESD safe** construction
- FL-400 EKE bulb

#FL3000-QVABL

- FL3000 - 150 watt box
- Solid state dimming switch
- Lightweight, steel construction
- 3″ X 4″ backlight with 48″ reach
- Opaque plate
- **ESD safe** construction
- FL-400 EKE bulb

Features

- **ESD safe** case
- Solid state controls
- Variable intensity
- Universal nosepiece for quick change light guides
- 150 watt halogen 3200K°
- **Cool** construction
- IR filter and color filter holder included
- Color filters available (CFX-3)
- Circuit protection
- Overhead protection

Accessories

- FL400 bulb (EKE)
- FL500 bulb (DDL)
- ML759 (spot lenses) for FL3000D
- CFK-3 (color filter kit)
- Individual filters
    - Red #9541 - Yellow #9543 - Green #9542
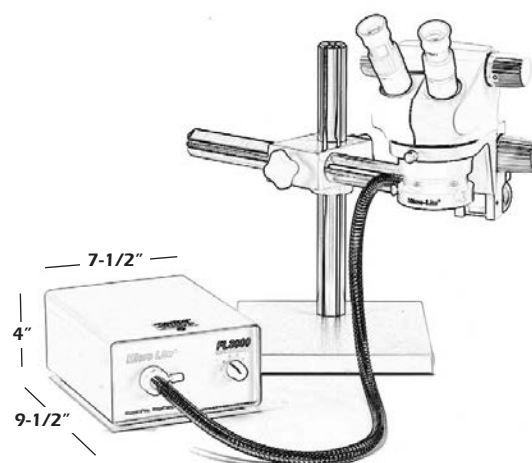   - Blue #9544 - Daylight #9545

Optional Units

- FL3000DC
  DC regulated for machine vision
- FL3000AP
  Aperture controlled for precise color control

Electrical Specs

- 120 volt 60 HTZ
- 230 volt 50 HTZ optional
- 150 watt
- UL/CSA fan
- Optional cords available (see chart)
- DC unit auto switchable (100V-240V)
- **3 wire IEC cord (see chart)**

Mechanical Specs

#FL3000A-4

7-1/2"
4"
9-1/2"

Adapter Chart

MFGR.	MODEL #	FL3000
Meiji	EMF-1, EMF-2, EMT-1, EMT-2	-2
	EMZ-2, EMZ-2TR EMZ-2, EMZ-5, EMZ-5TR	-0
Olympus	SZH	-1
	SZ-111, SZ-111-Tr, JM/JM-Tr, SZ-30, SZ-40, SZ-60, without Aux. Lens	-6A
Nikon	SM, SMZ, SMZ-10	-0
	SMZ-1/1B, SMZ-DOD, SMZ-2B/2T, SMZ-660 SMZ-645, SMZ-800, SMZ-1500, SMZ-1000	-11

Adapter Chart

MFGR.	MODEL #	FL3000
Unitron	ZSM	-8
	FSB	-9
Wild	M-3, M3Z Plan, M-4 M-4A, M-5A, M-7A, M7S M8, M4000	-1
Prior	ZS2500	-7A
Leica	SZ 1,2,3,4,5 and GZ4	-4
	GZ4 without Aux Lens	-4MAP
	GZ6 without Aux Lens	-4B
	SZ 6	-4A
	SZ 7	-3B
	(A)) Stereostar/Zoom Models 569, 570, 580	-6B

www.micro-lite.com

Our famous **Exhaust-A-Lite® Fan & Light Combination** light dispenser removes smoke as it illuminates, thus, improving working conditions, reducing errors and increasing production rates. This new dimension in brilliant focus lighting eliminates the potential hazards of toxic fumes. The new Exhaust-A-Lite® motor driven exhaust fan and adjustable light source combine to insure an intensely lit, shadowless, fume-free work area.

The 9" diameter, opaque shade with 3-bladed fan is inset in a safety shield. Rotating at 2900 RPM the fan propeller delivers 100 CFM at free delivery. Supplied complete with 22 watt circline lamp and 6 foot wire cord set. The fan and lamp may be operated independently.

100 CFM FAN

#25300

- 5" 100 CFM UL/CSA fan
- Enclosed aluminum shade & liner
- 43" long industrial Ultraflex® arms
- Wide quality clamp
- Cool white bulb
- Light grey finish

EXHAUST & MAGNIFY

#25600

- 5" 100 CFM UL/CSA fan
- Swing away 5" .3 diopter magnifier
- Enclosed aluminum shade & liner
- 43" long industrial Ultraflex® arms
- Wide quality clamp
- Cool white bulb
- Light grey finish

Features

- 100 CFM, quiet fan
- Safe finger guards
- 43" industrial Ultraflex® arms
- Shadowless 8" bulb
- Optional magnifier, space saving combo
- Removes irritating smoke or fumes from operators eyes
- Independent switching, use one or both functions
- 10 year mechanical warranty

Mechanical Features

- Aluminum shade
- 25" or 43" industrial Ultraflex® arms
- 1/2" square x .042 wall
- Superior holding power
- UL & CSA 100 CFM fan
- Safety guards (replaceable)
- 5" 3 diopter lens on Exhaust-Mags®.

Electrical Specs

- 120 volt 60 HTZ
- 230 volt 50/60 HTZ optional
- 3 wire grounded cord
- 22 watt bulb
- UL/CSA fan
- **IEC cord (see chart)**

Mechanical Specs

#25300

15-1/8"
9-1/2"
15-1/8"
3-1/2"
10"
4"
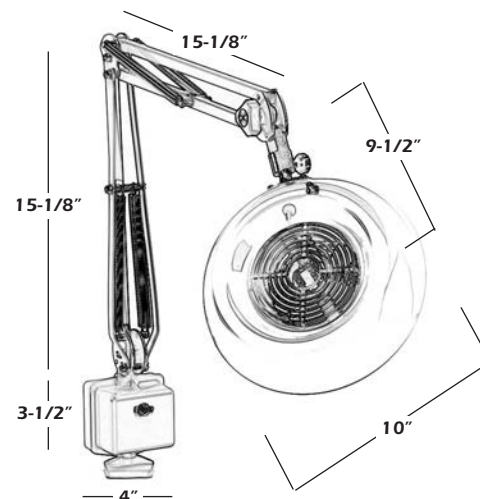
▶ **Most Popular**

| Product # | Ultraflex® | | Mounting Base | | Bulb Type | | Finish | | Lens Diopter | Voltage | |
	25"	43"	Clamp on	Screw down	Cool White	UV	Lt. Grey	Black	3	STD 120	OPT 230
25200		X		X	X		X			X	
▶ **25300**		X	X		X		X			X	
25500		X		X	X		X		X	X	
▶ **25600**		X	X		X		X		X	X	

Consult factory for other models/numbers/colors not listed
* Optional colors available upon request, consult factory for details   * 230 volt available (see chart)
* For 230 volt products select cord type from chart

www.ocwhite.com

Exhaust
Fume Removal Products

POWERFUL 100 CFM FAN

ESD

Our newest **Exhaust Fan** combines both fume removal from the work area and a carbon activated filter. Flux fumes are also noxious fumes, causing headaches, nausea and eye irritation. This unit may be positioned easily from either side to keep your work area fume free and uncluttered.

ESD construction, filters included (#OC1001)

Mounted on our 43" long Ultraflex® arms for dependability, strength and easy movement. Black hard coat finish.

#50020

- 5" 100CFM fan UL/CSA
- Square, steel **ESD** shade
- 43" long ultraflex® arms
- Clamp-on
- **ESD** construction
- Black finish

UNBELIEVABLE 550 CFM FAN

For welding or large fume removal jobs, our 550 CFM unit blows it all away. UL/CSA fan and finger guards provide excellent protection. Fan may be adjusted to move air in either direction.

Mounted on our 43" long Ultraflex® arms for dependability, strength and easy movement. Black and light grey hard coat finish.

#50010

- 10" CFM fan UL/CSA
- Heavy cast10" housing
- 43" long ultraflex arm
- **ESD safe** construction
- Light grey and black finish

Features

5" ▪ 100 CFM fan UL/CSA

10" ▪ 550 CFM fan UL/CSA
- Protective steel guards
- Activated carbon filters (replaceable #OC1001)
- Fully adjustable Ultraflex® arms 43"
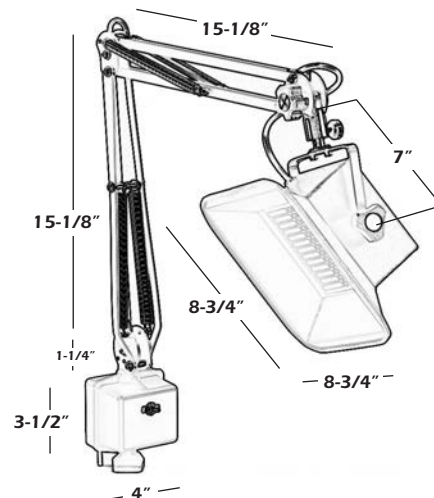- 10 year mechanical warranty

Mechanical Features

- 43" Ultraflex® arms
- 1/2" sq. X .042" thick Ultraflex® arms
- Easy movement, excellent holding power
- Steel & aluminum construction
- Universal fit in bases

Electrical Specs

- 120 volt
- 230 volt optional
- 3 wire grounded cord
- UL/CSA fans
- **IEC cord (see chart)**

Mechanical Specs

#50020

▶ *Most Popular*

Product #	Ultraflex®		Fan			Mounting Base			Finish		Voltage	
	25"	37"	100 CFM	550 CFM	Clamp on	Screw down	Weighted 30lb.	Lt. Grey	Black	STD 120	OPT 230
▶ **50020**		X	X		X				X	X	
50030		X	X			X			X	X	
▶ **50010**		X		X	X			X		X	
50000		X		X		X		X		X	

Consult factory for other models/numbers/colors not listed
  * Optional colors available upon request, consult factory for details
  * For 230 volt products select cord type from chart

www.ocwhite.com

Prolite®
Longline™ Task Lighting

ESD SLIM STEEL SHADE

ESD

#43139

- Steel twin tube
- **ESD safe**
- Cool white
- 45" Arms
- Clamp-on
- UL approved

Our double tube, 30 watt **draftsman style desk/bench light,** has set the standard for years in quality and function. A superior grade steel shade & adjustable swivel assembly provide users a rugged but stylish, task light available with either standard cool white bulbs (#13369), or our optional ultraviolet #13393). Two-15 watt cool white bulbs included unless otherwise specified. Protective safety caps available (#13544-4)

This twin tube fixture has graced production benches and office settings for years, providing bright, quality lighting

Adjustable to many angles and available in our industrial Ultraflex®, 37" long, or in other Prolite® line of 25", 37" or 45" long arms. Clamp-on and weighted base units are most common. Standard light grey with other colors and bases available. 120 volt only.

#20700

- Steel twin tube shade
- **ESD safe**
- Cool white bulbs included
- 37" ultraflex® arms
- Clamp-on
- UL approved

#41739

- Steel twin tube shade
- **ESD safe**
- 25" arms
- 11 lb weighted base
- Cool white bulb included
- UL approved

Features

- **ESD safe**, slim, steel one piece shade
- 2-15 watt (F15T8/CW) bulb (#13369)
- Excellent bright white reflective inner liner
- Multi-position swivel
- Variety of arms available
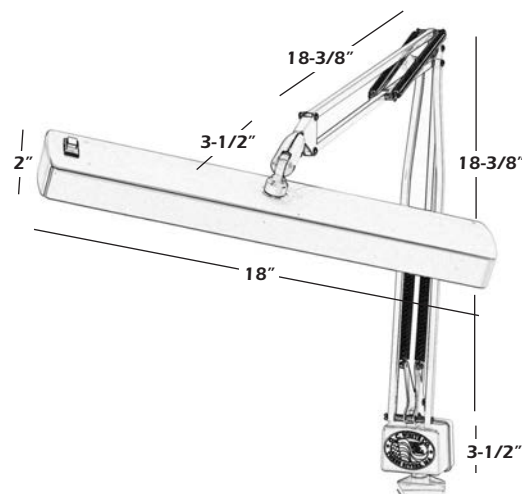- Illuminates a large surface area

Electrical Specs

- 120 volt 60 HTZ only
- 15 watt bulbs (#13369)
- Switch (#13525)
- 3 wire grounded plug
- UL approved

Accessories

- UV (blacklight) bulbs (#13391)
- Available with safety capes for maximum electrical protection (#13499) protects lamp holders

Mechanical Specs

#43139

18-3/8"
3-1/2"
2"
18-3/8"
18"
3-1/2"

▶ **Most Popular**

Product #	Ultraflex® 25"	37"	Prolite® 25"	37"	45"	Clamp on	Screw down	Weighted 11lb.	16lb	30lb.	Cool White	UV	Lt. Grey	Black	Safety Caps
41139			X			X					X		X		
41239			X				X				X		X		
▶ **41739**			X					X			X		X		
42139				X		X					X		X		
42239				X			X				X		X		
▶ **43139**					X	X					X		X		
43239					X		X				X		X		
20700	X					X					X		X		
20900	X						X				X		X		
20901	X						X				X		X		X

Consult factory for other models/numbers/colors not listed
 * Optional colors available upon request, consult factory for details
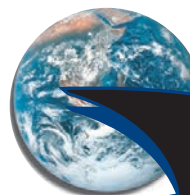 * 120 Volt 60HTZ only

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Prolite®
Combination Lighting

NEAR NATURAL LIGHT

ESD

A true, natural daylight effect is achieved when both the incandescent and fluorescent bulbs are on simultaneously. Balanced lighting like this provides near natural color and good work lighting. Used for years in drafting, graphic arts and single desk top lighting, this versatile light provides a variety of lighting options.

Standard with cool white fluorescent 22 watt bulb, it is also available in ultraviolet. Incandescent bulb not included. Bulbs operated independently. Standard on Prolite® Arms, Ultraflex® optional. Optional colors available (see color chart)

#33139

- Dual combo shade
- 22 watt cool white bulb
- 45" arm
- Clamp-on
- Lt. grey finish

#31739

- Combination shade
- 25" Prolite® arm
- 11 lb. weighted base
- 22 watt fluorescent bulb included
- Lt. grey finish

Features

- **ESD safe**, cool vented 9″ shade
- Incandescent & fluorescent light
- Independent switches
- Variety of Prolite® or Ultraflex® arms
- Variety of bases
- Bright white inner liner
- 22 watt cool white (#13367) bulb included

Mechanical Features

- 12″ wide X 8″ high aluminum shade
- 2 pc. multi-position swivel
- 3/8″ Prolite® arms .035
- 1/2″ Ultraflex® arms .042
- 3 wire grounded plug

Electrical Specs

- 120 volt 60 HTZ only
- 22 watt bulb (#13367)
- 250 watt porcelain socket
- 3 wire grounded plug
- Switch (#13534) (fluorescent)
- Switch (#13545-1) (incandescent)
- UL approved

Mechanical Specs

#33139
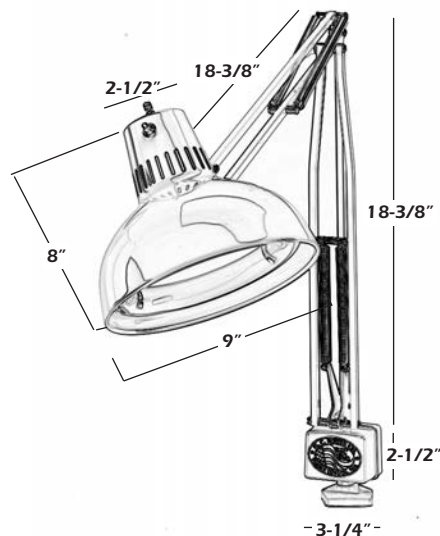
▶ *Most Popular*

| Product # | Ultraflex® | | Prolite® | | | Mounting Base | | | | | Finish | | Voltage |
	25″	37″	25″	37″	45″	Clamp on	Screw down	11lb.	16lb	30lb.	Lt. Grey	Black	Available STD 120
31739			X					X			X		X
32139				X		X					X		X
33139					X	X					X		X
32239				X			X				X		X
26300		X				X					X		X

Consult factory for other models/numbers/colors not listed
    * Optional colors available upon request, consult factory for details

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O.C. White Co.
Quality Since 1894

WHITE LIGHTS ®

Our Vision Brings You Into The 21st Century!

PROLITE™
FLARE

ESD

COMPACT INCANDESCENT

#23139

- 8" shade
- Cool vents
- 45" arm
- Louver (#13491)
- Clamp-on
- Lt. grey finish
- UL

This basic, economical incandescent light, known as our Flare Light, has provided good office and bench lighting at an attractive price. An aluminum 8" cool vented shade in combination with a bright white inner liner provides good, soft, table top lighting anywhere you point it. Available with an optional snap-in diffuser. Standard light grey finish, other colors available. Mounted on our Prolite® arms, Ultraflex® arms optional. Bulb not included

#21739

- Aluminum 8" shade
- Cool vented
- 25" Prolite® arm
- 11 lb. weighted base
- 3 wire grounded cord
- UL approved

Features

- 8" cool vented aluminum shade
- **ESD safe**
- Multi-position swivel
- Adjustable arms with knobs for superior tightening
- 3 wire molded plug
- 120 volt only
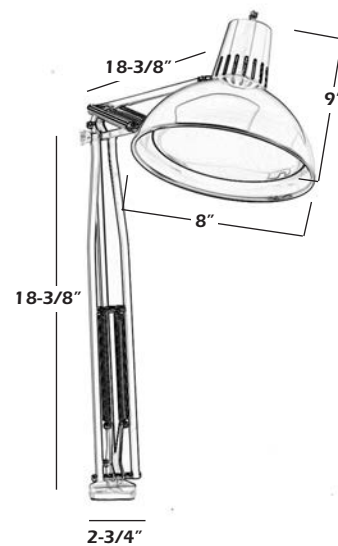
Mechanical Features

- 3/8" Prolite® arms X .035 wall
- 8" X 6" aluminum shade
- 25", 37", & 45" available
- Variety of bases available
- 3 wire plug

Electrical Specs

- 250 watt porcelain socket
- Superior metal rotary switch (#13545-1)
- 105°C wire with molded plug
- 120 volt only
- UL approved

Mechanical Specs

#23139

18-3/8"
9"
8"
18-3/8"
2-3/4"

▶ **Most Popular**

Product #	Ultraflex® 25"	Ultraflex® 37"	Prolite® 25"	Prolite® 37"	Prolite® 45"	Clamp on	Screw down	Weighted 11 lb.	Lt. Grey	Black	Voltage Available STD 120
21139			X			X			X		X
21739			X					X	X		X
22139				X		X			X		X
22239				X			X		X		X
22739				X				X	X		X
▶ **23139**					X	X			X		X
23239					X		X		X		X

Consult factory for other models/numbers/colors not listed
* Optional colors available upon request, consult factory for details

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Uniflex®
Machine Tool Illumination

OIL RESISTANT THERMAL SHADE

Bridgeports, milling machines, drill presses and most types of devices used in today's machine shops have benefited from our incandescent **Uniflex® lamps** for almost a century.

Constructed with an oil resistant thermal shade and a bright inner liner which produces excellent illumination and rotates 360° at any angle. Just spin the shade in any direction. Our exclusive anti-vibration steel arms are rugged, yet flexible with a twisting elbow at every joint. A superior 3 ring socket provides years of use. Provided with a 3 wire grounded plug, this versatile fixture is available on many different arm assemblies for varying job needs.
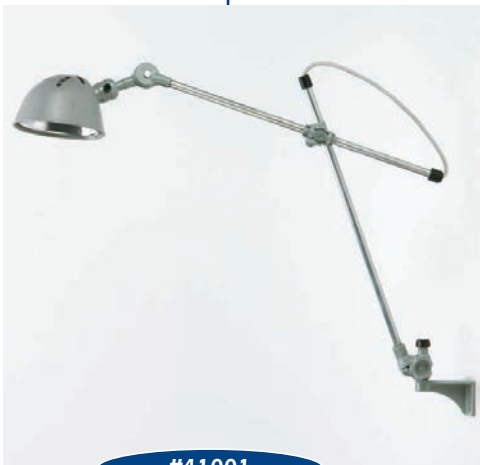
Our famous cone joints first won praise in the 1901 Pan American Exposition, winning first place. These clamping swivels allow easy mounting to many sizes of conduit. Pipes or other machine areas. Available in different clamp sizes (1/4") (3/8") & (1/2") (see below)

#11200
- Oil resistant shade
- 2-18" arms
- 3 wire cord
- Screw down
- UL approved

#11000
- Same as pictured
- With clamps

#41001
- Oil resistant shade
- 2-18" lamp arms
- 1/2" cone joint for conduit mount
- Wall base included
- 3 wire grounded cord
- Multi-position adjusting
- **Lamp without base (#40701)**

#41301
- Oil resistant shade
- 1-18" lamp arm
- 1/4" cone joint for conduit or base mounting
- 20" upright and swing arm included
- **Lamp without base (#40401)**

#40201
- Oil resistant shade
- 1-18" lamp arm
- 3/8" cone joint for conduit or base mounting
- 13" upright for mounting

Features

- Oil resistant thermal shade
- Rotation 360°
- Bright inner liner
- Superior quality socket
- Swivel arms or lamp arms
- 3 wire for safety
- Low cost

Accessories

- Replacement shade assy (#18005)
- Replacement socket assy (#18006)
- Clamp for model #11200 (#14245)
- CJ-11 1/4"x1/4" swivel (#14007)
- CJ-12 3/8"x3/8" swivel (#14008)
- CJ-13 1/2"x1/2" swivel clamp (#14009)
- WJ12 1/4"Fx3/8"M swivel (#14006)

Electrical Specs

- 120 volt
- 60 watt incandescent
- 3 wire grounded plug
- On/off turn switch UL
- Socket assy (#18006)
- UL approved

Mechanical Specs

#11000
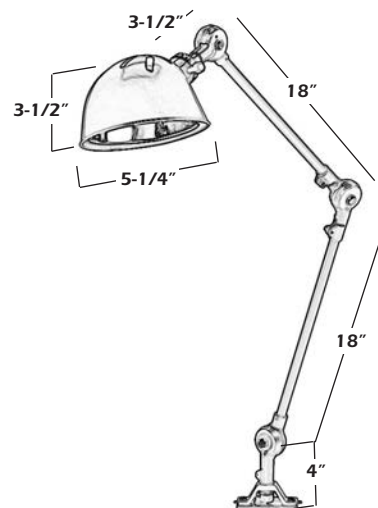
▶ **Most Popular**

Product #	Arms		Clamp on	Base Screw down	Other	Clamp Joint Clamp Size	Grey Finish	Voltage 120 Volt
	1	2						
11000		X	X			—	X	X
11200		X		X				
41001		X			X	3/8"	X	X
41301	X			X		1/4"	X	X
40201	X			X		3/8"	X	X
40701		X			X	3/8"	X	X
40401	X				X	1/4"	X	X

Consult factory for other models/numbers not listed

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EXCELLENT MAGNETIC HOLD

#60017

Our very popular magnetic mount **machine lights** provide quick and easy mounting on any steel surface. This superb magnet is rated to hold 100 lbs! Our quality oil resistant shade and liner are standard on all models. Magnetic models, with or without a 6″ gooseneck, shine on machines, taking up very little room.

#12700

Screw down 18″ & 24″ goosenecks have always been popular for their long length and flexible positioning. Optional clamp-on mounting plate available. Our model 12400 lab lite is very popular for use with microscopes where lighting is not built in. Portable base allows self supporting freedom. Optional clamp-on plate (#17003) available for all units (see chart).

#11800
- Oil resistant shade
- 18″ Vinyl covered flexible gooseneck
- Screw down
- 3 wire grounded
- UL

#18100
- Oil resistant
- 24″ Vinyl covered flexible gooseneck
- Screw down
- 3 wire grounded
- UL

#12400
- Oil resistant
- 6″ lamp arm
- 1/4″ cone joint for versatile mounting
- Portable base with 6″ upright
- 3 wire grounded

#14020

#14106-1
- Build your own light or Holding fixture
- 18″ arms
- Variety of models available consult factory
- OEM applications
- Various size cone joint holding swivels available

Features

- Thermoplastic oil resistant shade
- Bright inner aluminum liner
- Rotates 360°
- Quality brass socket
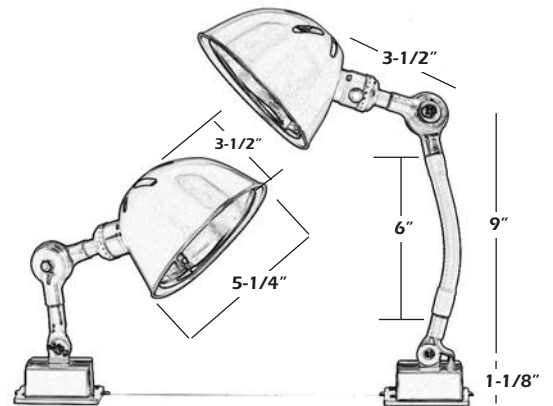- Superb magnetic holding
- Clamp-on available

Accessories

- Clamp on plate (#17003)
- Replacement shade assembly (#18005)
- Replacement socket assembly (#18006)

Electrical Specs

- 120 volt
- 60 watt
- 3 wire grounded cord
- UL approved
- Switch (#13558)

Mechanical Specs

#60017

▶ **Most Popular**

Product #	Length	Arms 1	2	Clamp on	Base Screw down	Other	Clamp Joint Clamp Size	Grey Finish	Voltage STD 120 Volt
12700	6"	X				X	N/A	X	X
60017	9"	X				X	N/A	X	X
11800	18"	X			X		N/A	X	X
18100	24"	X			X		N/A	X	X
12400	6"	X				X	1/4"	X	X

Consult factory for other models/numbers
* Optional colors available upon request.

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Ultraflex®
Microphone ("MIC™") Arms

SUPERB HOLDING ABILITY

#1 IN THE WORLD

SQUEAK (no squeak)

Undoubtedly, the world's most popular **Mic™ arm** in the radio broadcast industry. Our famous Ultraflex® arms provide unequalled holding power and "**squeak-free**" operation while "on the air".

Each product provided with a 5/8-27 threaded stud for easy microphone mounting. Our arms hold virtually any microphone in a stable position, where you put it! Holds up to 8lbs. with our optional (#12402) springs.

Smooth, quiet operation leaves our competition in the dust. Mounted on our exclusive 12" riser base, this allows our quality arm to float freely over radio stereo equipment. A special round table base holds 3 arms at once for talk show sessions. Other clamp on or wall bases available. Light grey or black finish. Special finishes available upon request. Available in many reaches.

#51900
- 37" long
- 5/8-27 thread
- 12" riser
- Light grey (our most popular color)
- Black available

#52900
- Extended reach 50° Ultraflex® arms
- 12" riser
- Light grey

#51900-3
- Our best Ultraflex® arms
- 3 arms, 37" reach
- Special talk show base
- Light grey

#14198-R
- Lightweight Prolite® arm
- 45" reach
- 12" riser
- adjusting knobs
- Light grey

- Custom arms for a variety of custom or special order arms, consult our factory directly.
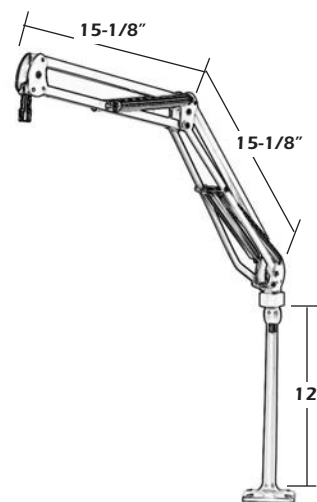
Features

- Excellent holding up to 8 lbs.
- Heavy springs optional (#12402) for extra weight
- 37" Ultraflex® reach
- Easy, quiet movement without fatiguing
- Exclusive 12" riser
- Light grey or black, other finishes special order
- Safe wire bushing for easy installation

Accessories

- (#16231) Replacement stud
- (#16222) Replacement square stud holders
- (#11460) Clamp base
- (#11461) Screw down base
- (#11462) Wall base
- (#14100) 12" riser
- (#14111) Triple base

Mechanical Specs

#51900

15-1/8"

15-1/8"

12"

▶ **Most Popular**

Product #	Ultraflex® 25"	Ultraflex® 37"	Prolite® 25"	Prolite® 37"	Prolite® 45"	Mounting Base Clamp on	Mounting Base 12" Riser	3 Arm Triple Base	Finish Lt. Grey	Finish Black	Special
▶ **51900**		X					X		X		
▶ **51900B**		X					X			X	
51900-3		X						X	X		
52900							X		X		3 Arms
14198-R					X	O	X		X		
14198					X	O			X		
14194		X				O			X		
14199						O					50" Arms

Consult factory for other models/numbers/colors not listed
    * Optional colors available upon request, consult factory for details
    * O - Clamp required

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...Light Years Ahead!

WHITE LIGHTS ®

O.C. White Co.
Quality Since 1894

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