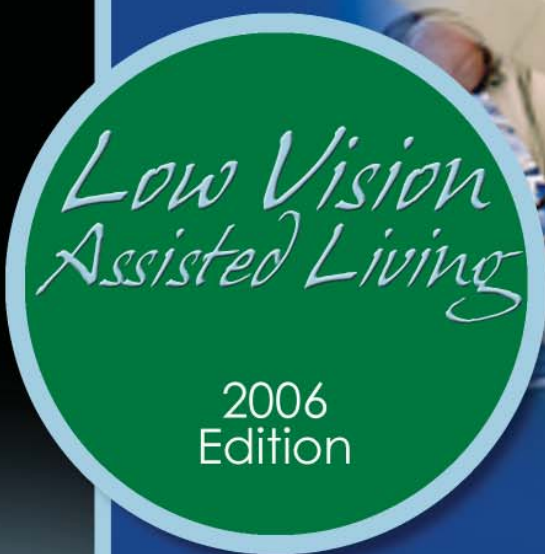




# DAZOR®

Market Segment



*Low Vision  
Assisted Living*

2006  
Edition

MODELS, PRICES AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE

DAZOR

# LIGHT & MAGNIFICATION

## EACH IS IMPORTANT TO SEEING BETTER

**What is the relationship between LIGHT and MAGNIFICATION?** The better the quality of light used with a magnifying lens, the less power is needed. When less magnification is needed, the user has a bigger field of view and working distance. Therefore, the quality of light should be closely evaluated when choosing an illuminated magnifying lamp.

**What is FOCAL LENGTH?** Focal length, or working distance, is the distance from the center of a lens to the point where the light rays converge and the object is in optimal focus (focal point). Focal length decreases as power increases.

**What is FIELD OF VIEW?** The field of view is the size of the magnified area under the lens that is in focus. The field of view **decreases** as power **increases**.

### *Diopter numbers as they relate to Power of Magnification*

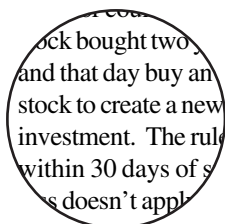
Diopter	Power	% Bigger	Focal Length
3	.75X	75%	13
5	1.25X	125%	8
8	2.00X	200%	5
11	2.75X	275%	3.75
13	3.25X	325%	3
16	4.00X	400%	2.5

Example below using our Stretchview lens...

5-Diopter • +125% Magnification

6.75" x 4.25" Lens • Focal Length of 8"

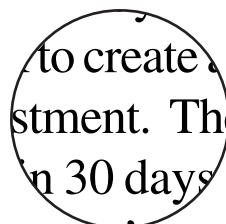
for the "floating arm" portable light, for which  
 ents were simply table models. The firm had a doz  
 e building at 4483 Duncan Ave., where the company  
 ient during World War II when employees worked in  
 ars. The Federal government used Dazor lamps to con  
 as much more expensive. Dazor also was the first to  
 mp was first used in a show in the 1938 World's Fair  
 rticularly popular with draftsmen in its early days.  
 eds a quality work light-such as jewelers, electronic  
 ftsmen and those with low vision. All of the lam



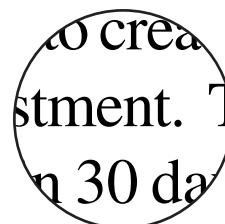
Normal  
Newsprint



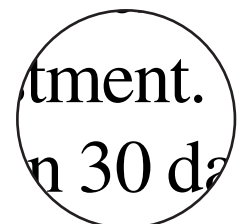
- +75% magnification
- 3-diopter lens
- Focal length of 13"



- +125% magnification
- 5-diopter lens
- Focal length of 8"



- +275% magnification
- 11-diopters (3-diopter lens plus ADD-A-LENS)
- Focal length of 3.75"



- +400% magnification
- 16-diopter lens system
- Focal length of 2.5"

## WIDE-VIEW RECTANGULAR MAGNIFIERS



### COMFORT FOR BOTH EYES...

All STRETCH-VIEW® lenses are made of crystal-clear, **crown-optical glass**. The rectangular shaped magnifying lens **"STRETCHES"**

the 5-inch circular viewing area to 6.75 inches by 4.25 inches. This wider viewing area under the lens allows for comfortable vision with both eyes and reduces eyestrain and fatigue. Visual scanning speed is increased because more surface area is magnified.

A powerful **18-watt compact fluorescent** light source (included) produces 130 foot-candles above the work surface, about the same as a 100-watt incandescent bulb.

Dazor positioned the light source behind the lens, allowing for a choice between even, **shadow-free illumination** or a **hi-lighting** effect.

Equipped with 3-conductor cord.

Available colors: Black, White, Almond, Dove Gray

Model #	Reach	Mount	M.S.R.P.
8MR-100	26	Desk	\$ 429.00
8MR-150	26	Clamp	\$ 401.50
8MR-200	40	Clamp	\$ 401.50
8MR-300	40	*IV-Pivot	\$ 385.00

3- or 5-diopter factory installed fixtures same price.

\*Order 3050R or 1050 Stands with IV-Pivot models.

8SD900-1 protective shield \$ 14.30



PL18W-FSB(optional full-spectrum bulb)



8MR-100



8MR-200



8MR-300/1050



8MR-150

### LENS SYSTEMS

3-diopter lens is standard  
To order lenses separately, refer to these item numbers;  
call for pricing:

3-diopter 8MR900-03

5-diopter 8MR900-05

11-diopter 8MR900-011

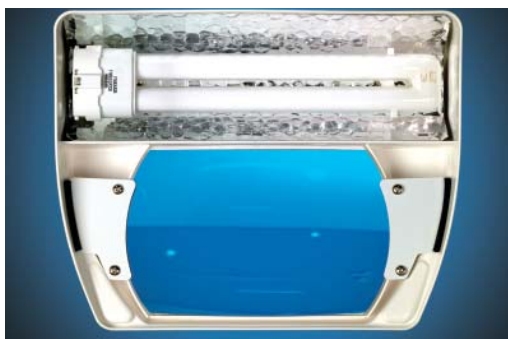
16-diopter 8MR900-016



5d LENS SYSTEM  
5" BY 3" VIEWING AREA



11d and 16d LENS SYSTEMS  
3" Diameter VIEWING AREA



Underside of an 8MR Stretch-view with an 11d/16d lens. 18-watt compact fluorescent is approximately equivalent to a 100-watt incandescent bulb.

It is difficult to express the joy of once again being able to read ordinary printed material without the discomfort and eye strain over my recent years. Thanks, however, to the outstanding, innovative and affordable lighting products of the St. Louis based Dazor Company. I now understand what proper lighting assistance can really do for vision-impaired seniors like me.

Lee  
Belleville, IL.



## MAGNIFIER FLEX 8ML — THE HOBBY HELPER



8ML-104 has a 13-watt compact fluorescent tube for low heat, energy-efficient operation rated at 10,000 hours bulb life.

The 8ML-104-FS\* has an eye-friendly **Full-Spectrum** bulb for correct color viewing.

Unlike other products in this price range, the Dazor 8ML has a high quality **Glass Lens**. The 3-diopter (75% magnification), 5-inch diameter lens is standard. A 5-diopter, factory installed lens is available at the same price.



The unit is mounted on a flexible, heavy duty steel gooseneck arm and a robust dual-clamp and bulb are included.

The 8ML-104 is floor stand ready.... order floor stands separately.

Available colors: **Black or Almond.**

<i>Model #</i>	<i>Reach</i>	<i>Mount</i>	<i>M.S.R.P.</i>
<b>8ML-104</b>	30	Clamp	\$145.20
8ML-104-5	30	Clamp	\$ 76.00
		(104-5 with 5-diopter lens)	
8ML-104-FS	30	Clamp	\$ 167.20
		(104-FS with full-spectrum bulb)	



13W-51-FSB  
(optional full-spectrum bulb)



"Threading needles!! It's been years since I have been able to thread a needle and now I can!"

**Elizabeth W. Pahokee FL**

"As a long time fly-tier, I have coveted one of these magnifiers for a long time. This year I won one at our annual banquet. I look forward to tying fly's again - my eyes aren't what they were 30 yrs. ago!"

**Marlin G. Manchester MO**

"I have one at my sewing machine and this new one at my chair for quilting & crafts. Nothing else works as well!"

**Ruth F. Plant City FL**

"Now I own one floor model, one table top model and one 8ML that I travel and teach with. I do needlepoint seminars and recommend the 8ML to all my students."

**Elaine R. Northbrooke IL**

\*Model 8ML-104-FS is attractively packaged for Point-of-Purchase retail sales.



8MC-100



8MC-200



8MC-300 with \*IV-Pivot



8MC-Polycarbonate Shield



8MC-150

## CIRCLINE MAGNIFIERS (8MC-Series)

**Through the Lens Viewing:** Both hands are free to grasp an object and work on it. Whether you are using tools or holding a newspaper, hands-free viewing is easier. Use your hands to control the amount of light and magnification you require by adjusting distances between the object, the magnifying lens and your eyes.



8MC-300/3050R

1400A ADD-A-LENS



Circline Magnifiers de-emphasize irregular or uneven surfaces by *uniformly illuminating uneven surfaces*. This is accomplished with the circular, 22-watt lighting source that sheds even, shadow-free light.

The 5-inch diameter **crown-optical glass lens** is available in 3-diopter (+75% magnification) and 5-diopter (+125%). Optional 1400A "Add-A-Lens" for 11-diopter (+275%) viewing system (used with standard 3-diopter lens).

Polycarbonate plastic shield to cover circline fluorescent tube ships standard with each unit. Also sold separately. 3-conductor cord.

Available colors: Black, White, Almond, Dove Gray

Model #	Reach	Mount	M.S.R.P.
8MC-100	28	Desk	\$ 277.20
8MC-150	26	Clamp	\$ 249.70
8MC-200	42	Clamp	\$ 249.70
8MC-300	42	*IV-Pivot	\$ 233.20
1400A	ADD-A-LENS		\$ 56.80

\*IV-pivot models for use with floor stands which can be ordered separately.

FC8T9/FSB(optional full-spectrum bulb)

"Dear Mr. Hogrebe (Dazor President):  
The purpose of our letter today is to thank you for the wonderful product that you make. A very good friend gave us a Dazor magnifying lamp (8MC) in hopes of helping my mother read. She has macular degeneration and has not been able to read for over a year...the magnifier with lamp helped a little. One of your employees helped answer a few questions and recommended an "add-a-lens."

It worked! When we left for work this morning, mom was reading the paper, something she has not been able to do for months. Thank you for your product and helpful employees."

Cyndy, Rex and Gerry  
St. Peters MO





## High Output 27-Watt LITE-TOUCH™

The Lite-Touch™ is a very attractive, upscale, high light output, *decorator style* lamp that will enhance your home, office, library or waiting room.



- **Lite-Touch on/off bar** replaces hard to locate switches.
- **Flexible Neck** for easy placement.
- Instant-on **Electronic Ballast**.
- **27-Watt Tri-phosphor Coated Daylight Compact Fluorescent Lamp** — approximately the same light output as a 150-watt incandescent bulb. 10,000 hour life.



- **Mirror Reflector** — maximizes light output, wide light throw without glare.
- **Small Footprint, Lightweight.**

Available colors: White (WH) or Charcoal Black (BK)

<u>Model #</u>	<u>Height</u>	<u>Mount</u>	<u>M.S.R.P.</u>
<b>8000-WH</b>	16.5"	Desk	\$ 99.00
<b>8000-BK</b>	16.5"	Desk	\$ 99.00
<b>8001-WH</b>	54" <small>(lamp &amp; base)</small>	Pedestal	\$169.99
<b>8001-BK</b>	54" <small>(lamp &amp; base)</small>	Pedestal	\$169.99



Clamp Included  
Color same as Lamp

## HIGH LIGHT OUTPUT DESK & READING LAMPS (18- Watt)

Improvements in technology have lead to increased output for compact fluorescent bulbs. The "new" Asymmetria incorporates that technology in a **higher output** 18-watt compact fluorescent. Compare normal room light at 20 to 60 foot-candles with the Asymmetria's output of 330 foot-candles.



The Asymmetria desk lamp doesn't skimp on the fine touches. Metal rivits at each pivot point on the arm. And, you get two lamps in one: a **clamp is also included** for mounting onto your work or reading area.

Available colors: White or Black

<u>Model #</u>	<u>Reach</u>	<u>Mount</u>	<u>M.S.R.P.</u>
<b>2703</b>	38"	Desk&Clamp	\$95.70

**NEW ITEM**



## 27-watt LAMP / MAGNIFIER

Everyday vision tasks just got much easier with the DAZ-02, contemporary reading light and desk lamp. Great for crafts, hobbies and daily vision tasks because of its superior light output; a compact, 27-watt fluorescent (approx. output comparable to 150-watt incandescent).

- **Desk Base AND Clamp** • **INSTANT on Electronic ballast**
- **5-inch, 3-diopter GLASS Magnifying Lens option (order separately)**
- **Floor Stand Option (order separately)** • **Full-spectrum bulb available**

Available color: Champagne



<u>Model #</u>	<u>Ht./Reach</u>	<u>Info</u>	<u>M.S.R.P.</u>
DAZ-02	21" T	Desk&Clamp	\$ 84.95
DAZ-2050CH	37.5" T	Stand	\$ 93.00
DAZ-MF115	15" Reach		\$ 35.98
replacement bulbs			
PL7W-27 Warm White			
FML27W-GE Full-spectrum (5000°K)			





# World's Only 3-Tube Fluorescent

## Dazor's 318A3 Wide Area Illumination



- **Extra Light Output** for Demanding Visual Tasks..... 525+ Foot-candles
- Easy to Reach On-Off Switch
- Multi-angle Adjustable for Light Where You Need It
- Weighted Desk Base
- 3 Daylight Bulbs Included (6500°K)
- Full-spectrum Bulbs Available
- UV (Black Light) Bulbs Available

525+ Foot-candles



DAZOR®  
MADE IN THE U.S.A.





## TRADITIONAL 2-TUBE AND 3-TUBE FLUORESCENTS

**NEW High Luster reflector for increased light output!**



Three Tube by 15-WATT



Two Tube 2124



Two Tube 2324



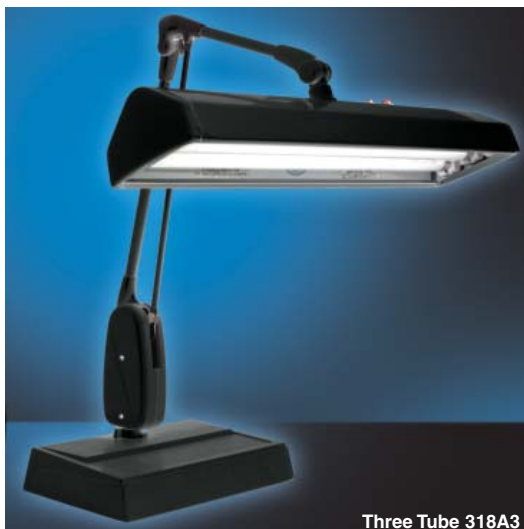
Two Tube 2224A/1050



IV-Pivot



Three Tube 134A3



Three Tube 318A3

Dazor's **"Traditional"** series uses *two, 15-watt* fluorescent tubes to provide abundant light over a large work area.

The Dazor Floating Arm is easily positioned with a touch of the finger and its rugged construction has no exposed wires or springs.

Unique models with *three, 15-watt* fluorescent tubes provide 45-watts of extra light output for demanding visual tasks.

3-conductor cord and daylight tubes included.

Available colors: Black, White, Almond, Dove Gray.

**Model #    Reach    Mount    M.S.R.P.**

### 2-Tube Models

2124	33	Clamp	\$ 211.20
2134	43	Clamp	\$ 214.50
2224A	33	*IV-Pivot	\$ 203.50
2234A	43	*IV-Pivot	\$ 206.80
2324	33	Desk	\$ 238.70

### 3-Tube Models

124A3	29	Clamp	\$ 247.50
134A3	43	Clamp	\$ 253.00
318A3	27	Desk	\$ 275.00

\*Order 3050R or 1050 Stands with IV-Pivot models.



F15T8/FSB (optional full-spectrum bulb)

"I have a "Dazor" Floating Fixture that is approximately 30 years old. I am in need of replacement bulbs for it...for the first time."

**Suzanne**  
West Bloomfield MI

"We are now at the stage of inheriting your lamps. I gave them to all senior family members in the 70's. I now have my dad's and my children have their aunts. I can certainly attest to their durability."

**Leslie R.**  
Alexandria VA

## MOUNTING OPTIONS FOR DAZOR IV-PIVOT BASE MODELS



Standard Clamp 7100-093



7100-060

### 7100-060 WALL MOUNT OR TABLETOP BRACKET

Bracket for vertical mounting to a sturdy, permanent wall. Bracket can also be mounted with screws to a tabletop in a horizontal or sloped position.

### 7100-075 CLAMP TO HORIZONTAL SURFACE

Rugged plastic dual clamp mounting prevents the base from moving and twisting off the surface. Clamp for 8ML.

### 7100-08 CLAMP TO A SLOPED SURFACE

Adjustable, dual clamp base mounts on sloped surfaces. Clamps onto the right, left, or backside of a tilted table top. Adjustments are made swiftly with the comfortable, easy-to-grasp knob.

### 7100-093 CLAMP TO HORIZONTAL SURFACE

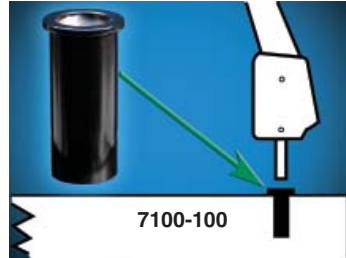
All *metal*, dual clamp mounting prevents the base from moving and twisting off the surface. Our standard clamp for most Dazor models except 8ML.

### 7100-100 WORK BENCH/TABLETOP BUSHING

Metal bushing for hole (0.625") drilled in tabletop.

### 8TR200-6A WALL MOUNT BRACKET

Alternative wall mount for gooseneck arm (8ML).



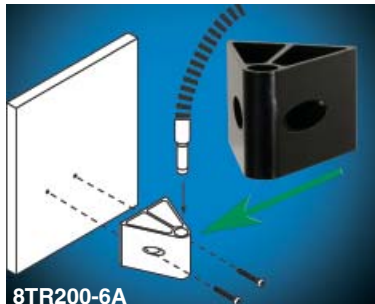
7100-100



7100-075



7100-08



8TR200-6A



3050R



1050

## FLOOR STANDS *Specify matching lamp color*

**If you purchased a Dazor Lamp with an IV-Pivot, you will need to purchase one of our stands unless you have purchased an alternate clamp/mount shown above**

### 1050 CASTER FLOOR STAND \$129.80

Heavy-duty 5 casters, Dazor models only, 30 lbs., 40.5" high.

Wheels and base black.

Available Pole colors: Black, White, Almond, Dove Gray.

### 3050R PEDESTAL FLOOR STAND \$107.80

Circular pedestal, Dazor models only, 30 lbs., 38.5" high

Available colors: Black, White, Almond, Dove Gray

### 2050 PEDESTAL FLOOR STAND \$93.00

for DAZ-02 Circular pedestal 18 lbs., 37.5" high

Available color: Champagne

### 7940-04 ADJUSTABLE BRACKET \$66.00

Mounts floor stand pole. Adjusts up and down the length of the pole for desired height.

Order color same as pole.



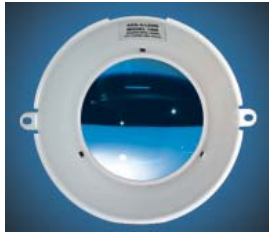
1050



7940-04



## LENSES, SHIELDS, AND ACCESSORIES



1400A



8SD100



8SD900-1

NEMA



**209-10** 3-diopter circline magnifying lens  
**209-10A**...5-diopter circline magnifying lens

**\*1400**...Circline ADD-A-Lens

**\*1400A**...Circline ADD-A-LENS

\*Call to order the correct version

**1408R-4X-01**...16-diopter circline lens system

**8MR900-03**...3-diopter STRETCH-VIEW lens

**8MR900-05**...5-diopter STRETCH-VIEW lens

**8MR900-011**...11-diopter STRETCH-VIEW lens

**8MR900-016**...16-diopter STRETCH-VIEW lens

**1408-30A**...8MC-series circline shield

**8SD100**...8MG-series shield

**8SD900-1**...8MR-series STRETCH-VIEW shield

**NEMA** hospital grade plug wired on 9 ft. of SJTO 3-conductor cord. Can be supplied on most models.

(Extra Charges Apply.)



14008R-4X-01

## LAMPS (TUBES AND BULBS)

### FLUORESCENTS

**F15T8/CW**... 15-watt fluorescent, cool white (4100°K)

**A F15T8/DL**... 15-watt fluorescent, daylight (6500°K)

**F15T8/C50**... 15-watt fluorescent, color corrected (5000°K)

**FT15T8/BLB**... 15-watt fluorescent, black light

**F15T8/FSB**... 15-watt fluorescent, **Full-Spectrum** (5900°K)



**B FC8T9/CW**... 22-watt fluorescent circline, cool white (4100°K)

**FC8T9/DL**... 22-watt fluorescent circline, daylight (6500°K)

**FC8T9/BLB**... 22-watt fluorescent circline, black light

**FC8T9/FSB**... 22-watt fluorescent circline, **Full-Spectrum** (5000°K)



**C 13W-27**... 13-watt compact fluorescent, warm white (2700°K)

**13W-35**... 13-watt compact fluorescent, natural light (3500°K)

**13W-41**... 13-watt compact fluorescent, cool white (4100°K)

**13W-51-FSB**... 13-watt compact fluorescent, **Full-Spectrum** (5000°K)



**D 15W-27**... 15-watt compact screw-in fluorescent, warm white (2700°K)

**E 18W-35**... 18-watt compact fluorescent, natural light (3500°K)

**18W-41**... 18-watt compact fluorescent, cool white (4100°K)

**18W-FSB**... 18-watt compact fluorescent, **Full-Spectrum** (5000°K)



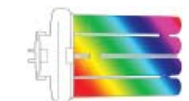
**F FML23W-PH**... 23-watt compact fluorescent, warm white

**FML23W-GE**... 23-watt screw-in fluorescent, **Full-Spectrum** (5700°K)



**G FML27W-PH**... 27-watt compact fluorescent, warm white

**FML27W-GE**... 27-watt compact fluorescent, **Full-Spectrum** (5000°K)



**H FPL27W/DL**... 27-watt compact fluorescent for Lite-Touch, cool white (4000K)

### HALOGENS

**6000-10**... 20-watt halogen

**5HG101-8**... 50-watt halogen MR16



**6000-01**

**5HG101-8**



**DAZOR MANUFACTURING CORP.**  
**11721 Dunlap Industrial Dr.**  
**Maryland Heights, MO 63043**

**Telephone: (800) 345-9103**  
**In Missouri: (314) 652-2400**

**Fax: (314) 652-2069**

**www.dazor.com**

**e-mail: info@dazor.com**

COLORS: Prices apply to standard colors of Black, White, Almond, Machine Gray, and Dove Gray. Orders for special colors are subject to minimum quantities and special prices. DAZ series colors as indicated in the text.

UNDERWRITERS LABORATORIES: All standard models are U.L. Listed for 120V 60HZ.

WARRANTY: Standard products have a five-year limited warranty. DAZ series have a one year limited warranty. Tubes and bulbs are not covered by warranty.

MADE IN USA

Prices and specifications are subject to change without notice.

PATENTS PENDING

3-23-2006

[www.dazor.com](http://www.dazor.com)

