



Low Vision

Task Lighting & Illuminated Magnification

Market Segment

DAZOR MANUFACTURING CORP.

2007 M.S.R.P.

SINCE 1938



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.

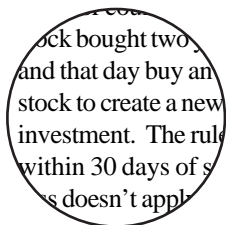
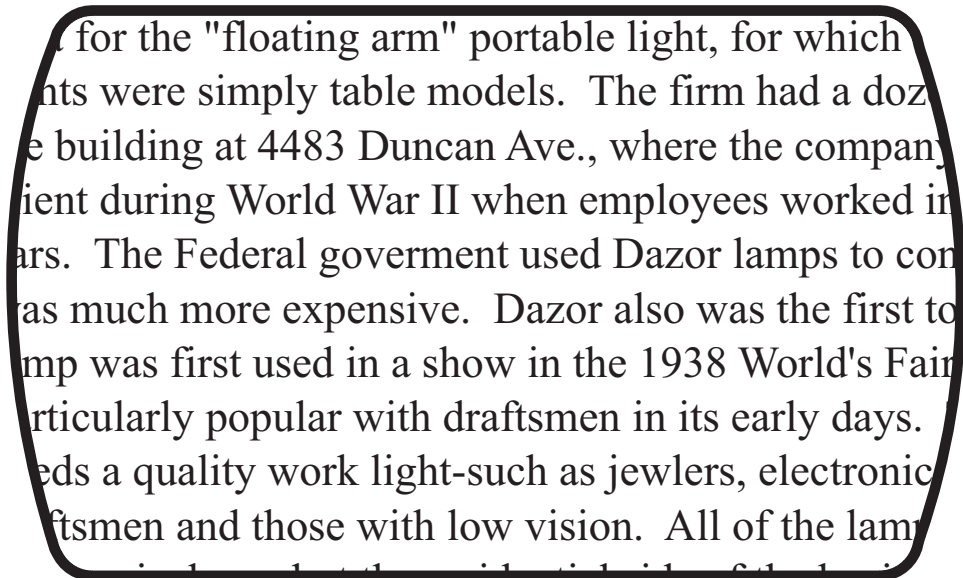
What is FIELD OF VIEW? The field of view is the size of the magnified area under the lens that is in focus. The field of view **decreases** as power **increases**.

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 Stretch-view lens...

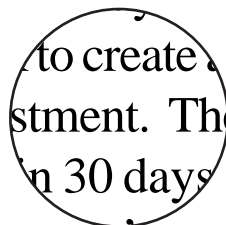
5-Diopter • +125% Magnification • 5" x 3" Lens • Focal Length of 8"



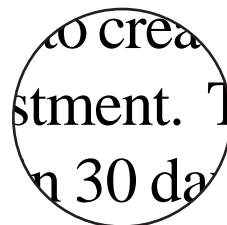
Normal Newsprint



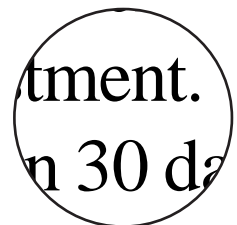
- +75% magnification
- 3-diopter lens
- Focal length of 13"



- +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"

8MR Series



8MR-100



8MR-150-5
5-diopter lens



8MR-200



8MR-300/1050
Floor Stands
Order Separately

All STRETCH-VIEW lenses are made of crystal-clear, crown-optical glass. The rectangular shaped magnifying lens “stretches” the viewing area to 6.75 inches. This wider viewing area under the lens means comfortable vision with both eyes, reduced eyestrain and reduced fatigue. Visual scanning speed is increased because more surface area is magnified. The **3-diopter lens measures 6.75 by 4.25 inches.**

With proper illumination levels, magnification requirements are significantly reduced. Dazor uses a powerful 18-watt compact fluorescent **full-spectrum** light source (included) to produce 130 footcandles at 15-inches above the work surface.

Automatic Upgrade To FULL-SPECTRUM Bulb 

Exact positioning of the light source behind the lens allows for a choice between even, *shadow-free illumination* or a *hi-lighting* effect. Shadow-free viewing is achieved by holding the object directly under the light source. A hi-lighting or shadowing effect, is produced when the object is moved slightly away from the center of the light source.

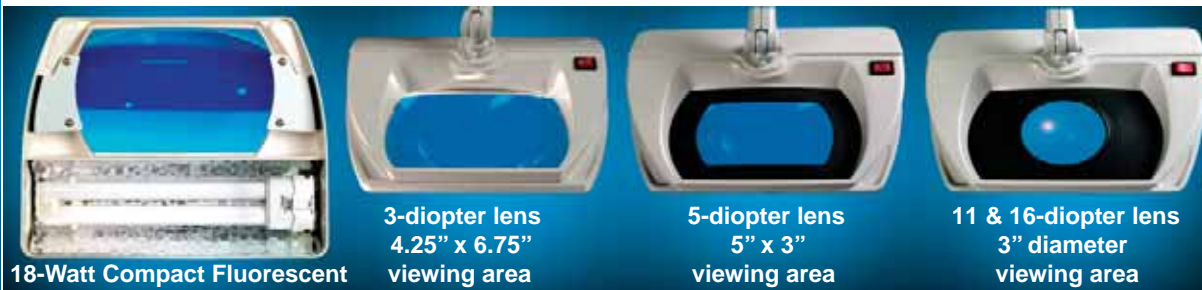
Equipped with 3-conductor cord.
Available colors: Black, White, Almond, Dove Gray

Where the possibility exists that the bulb/tube could be broken under normal use, order the optional polycarbonate plastic shield (8SD900-1).



*IV-Pivot models like the 8MR-300, mount on Dazor floor stands #1050 or #3050R, or other mounting option... sold separately.

MODEL	REACH	BASE	SHIP WT. LBS.	M.S.R.P.
8MR-100	26	Desk	27	\$430.83
8MR-150	26	CLAMP	15	\$390.60
8MR-200	40	CLAMP	15	\$390.60
8MR-300	40	*IV-PIVOT	15	\$374.53
8SD900-1	Protective Shield			\$ 15.52



LENS SYSTEMS

8MR's ship with a 3-diopter lens. To order with a 5-, 11- or 16-diopter lens, add the appropriate number suffix to the model number; e.g., 8MR-150-5 for a 5-diopter.

On a New Purchase, upgrade the standard 3-diopter lens to a 5-, 11- or 16-diopter for the 8MR at no additional cost.

Part No.- diopter	SHIP WT. LBS.	M.S.R.P.
8MR900-03	2	\$ 96.57
8MR900-05	2	\$107.63
8MR900-011	2	\$113.38
8MR900-016	2	\$125.32

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.

More than just a home magnifier, the 8ML is professional grade and is used in over 8000 pharmacies to verify your prescription.



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

The light source is a Cool White (4100°K), low heat, energy-efficient 13-watt compact fluorescent (**CFL**) tube, rated at 10,000 hours bulb life.



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

The unit is mounted on a flexible, heavy duty, steel gooseneck arm that stays where you put it, and includes a robust, dual clamp.

Need a floor stand magnifier? 8ML is floor stand ready.



Available colors: Black or Almond.

MODEL	REACH	BASE	SHIP WT. LBS.	M.S.R.P.
8ML-104	30	CLAMP	6	\$157.54
8ML-104-5	30	CLAMP	6	\$157.54
8ML-104-FS	30	CLAMP	6	\$181.41

5-diopter lens factory installed at same price. Also sold separately.

"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 years. 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

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. Your hands control the amount of light and magnification you require by adjusting distances between the object, the magnifying lens and your eyes.

Circline Magnifiers de-emphasize irregular or uneven surfaces by uniformly illuminating uneven surfaces, accomplished with the circular, 22-watt lighting source that sheds even, shadow-free light. A Daylight circline bulb (6500° K) is included.

Lenses & Magnification Ranges: Only the highest quality, crystal clear, crown-optical glass lens are used. A 5-inch, 3-diopter lens (+75% magnification) is standard. A 5-diopter (+125%) can be factory installed at no additional charge. For more magnification, an "Add-A-Lens" with a 3-diopter lens gives you 11-diopter (+275%) magnification and #1408R-4X-01 dual lens yields 16-diopter magnification. -see chart below-

Available colors: Black, White, Almond, Dove Gray



8MC Lens Systems for 3-, 5-, 11- and 16-diopter

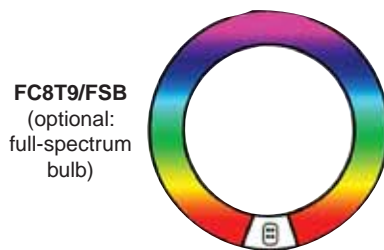
3- & 5-Diopter 5" diameter viewing
 3-diopter 209-10
 5-diopter 209-10A

11-Diopter 3" diameter viewing
 209-10 plus 1400 Add-A-Lens

16-Diopter 3" diameter viewing
 1408R-4X-01 dual lens system



A Polycarbonate plastic shield, part # 1408-30C, is included with every 8MC and 1420R purchase! Also sold separately.



FC8T9/FSB
 (optional: full-spectrum bulb)



*IV-Pivot models mount on Dazor floor stands #1050 or #3050R, or other mounting option... sold separately.

*"Dear Mr. Hogrebe (Dazor President):
 The purpose of our letter today is to thank you for the wonderful product that you make. A 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/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

MODEL	REACH	BASE	SHIP WT. LBS.	M.S.R.P.
8MC-100	28	DESK	27	\$310.46
8MC-150	28	CLAMP	15	\$270.92
8MC-200	42	CLAMP	15	\$270.92
8MC-300	42	*IV-PIVOT	15	\$253.02

1408-30C	Protective Shield	\$ 19.10
209-10A	5-diopter lens	\$ 81.16
1400 Add-A-Lens	11-diopter lens system	\$ 61.63
1408R-4x-01	16-diopter lens system	\$107.42

8MC-300/1050 Floor Stands Order Separately



2-15 WATT



2124



2324



2224A/3050R



2224A/1050



3-15 WATT



134A3

NEW High Luster Reflector for Increased Light Output



318A3



124A3

Extra Light Output for Demanding Visual Tasks

IN DEMAND - WORLD-WIDE

Professional Grade Dazor "Diamond Lights," used worldwide by Jewelry professionals, is available to you for home use.

The Traditional series uses **two 15-watt fluorescents** to provide abundant light over a large work area.

Unique models with **three 15-watt fluorescents** provide extra light output for demanding visual tasks.

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



Full-spectrum tubes (5500°Kelvin) included.

3-conductor cord provided.

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

MODEL	REACH	BASE	SHIP WT. LBS.	M.S.R.P.
2-TUBE MODELS				
2124	33	CLAMP	10	\$229.15
2134	43	CLAMP	10	\$232.73
2224A	33	*IV-Pivot	10	\$220.80
2234A	43	*IV-Pivot	10	\$224.38
2324	27	DESK	22	\$267.34
3-TUBE MODELS				
124A3	33	CLAMP	11	\$268.54
134A3	43	CLAMP	11	\$274.51
318A3	27	DESK	23	\$308.00

*IV-Pivot models mount on Dazor Floor stands #1050 or #3050R, or other mounting option... order separately.

"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."
Suzann, 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

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 Full-spectrum Bulbs Included (5500°K)
- Full-spectrum Bulbs Available
- UV (Black Light) Bulbs Available



Lite-Touch™

27-watts Activated by the Lightest Touch of Your Finger

Available as a DESK LAMP or as a FLOOR MODEL

Just a Lite-Touch of the On/Off bar turns this fixture on or off...No Switches to ever replace. The unique Flexible Arm allows you to position the light source for maximum illumination. No friction joints to ever wear out. The Electronic Ballast instantly turns the light on, flooding the surrounding area with over 300 footcandles of light (approximately the same as a 150-watt bulb).

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



8000-BK



8001-WH

8001-BK



Key Features Include:

- High Intensity Lighting
- Adjustable Neck
- Adjustable Lighting Angles
- Decorator Styling
- Optional Clamp

Lamp Type:

27-Watt Tri-phosphor Coated Day-light Compact Fluorescent Bulb

Approximate Size:

Desk Lamp....17"W x 16.5"T

Desk Base..... approx. 8"Dia.

Floor Model.....22.5"W x 54"T

Floor Base.....11" Diameter

Clamp.....2.25" Clamping Depth



8050-WH

COLOR	HEIGHT	BASE	SHIP WT. LBS.	M.S.R.P.
8000-WH	16.5"	DESK	5	\$ 99.00
8000-BK	16.5"	DESK	5	\$ 99.00
8001-WH	54"	FLOOR	16	\$169.00
8001-BK	54"	FLOOR	16	\$169.00
8050-WH	Optional Clamp			\$ 15.00
8050-BK	Optional Clamp			\$ 15.00



DAZ-2705R
Stand and Lamp

2705 Stand Only

18-watt Asymmetria

DAZ-2703 Asymmetria is an 18-watt CFL (Compact Fluorescent) with electronic ballast for instant on. The asymmetric light distribution reduces glare. Sleek design makes the small size blend well with desktop equipment.

DAZ-2703 ship with a Cool White (4000°K) bulb, desk base and clamp.

Floor Stand Model: DAZ-2705R includes DAZ-2703 and 2050 stand.

Available in Black or White.



DAZ-2703
includes desk clamp

MODEL #	HEIGHT / REACH	BASE	SHIP WT. LBS.	M.S.R.P.
DAZ-2703	34"	DESK & CLAMP	3	\$103.83
DAZ-2705R	-	FLOOR	25	\$196.93
DAZ-2705	37.5"	Stand	18	\$100.91

Common Features Include:

- 3.5" 3-Diopter Lens (5-diopter available)
- Optical grade lens
- Flexible gooseneck design (except J400-HHM)
- Instant-on flicker free light powered by electronic ballast
- 18W T5 energy efficient bulb as bright as 75W incandescent bulb
- 8000 hrs. bulb life

Bulb Choices: Full-Spectrum FSB light bulb @5500°Kelvin • Black Light UV (BLB)

Input power: 120V 60 Hz

Warranty: 1 year (bulbs not covered)

Available Color: Putty



J400-HHM



J300-FLM



#J100-DML — LED night light inside of base will never burn out!



#J400-HHM

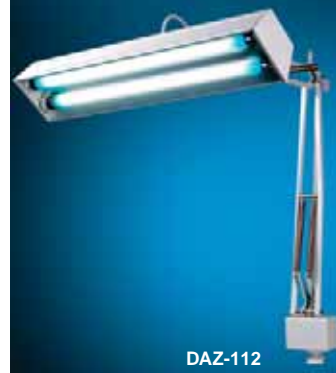
Fits comfortably in the palm of your hands.

To order a 5-diopter lens add a -5 to model number, i.e. #J400-HHM-5

Model	Dimensions	Reach	Ship Wt. Lbs.	M.S.R.P.
J100-DML	15" Tall	12"	5	\$ 75.00
J300-FML	10" X 9" Base 48" Tall	16" approx	15	\$123.00
J400-HHM	14" Long	-	1.2	\$ 67.00
FC18T5/FSB	Bulb - Full-spectrum 5500° Kelvin			\$ 19.95



J100-MDL w/ LED Nite-Lite



DAZ-112



DAZ-112 Utility Work Light

- 15-Watt Fluorescent Two-Tube Fixture
- 45" Reach (approx.)
- Daylight Tubes (6500°Kelvin) Included
- Clamp Model only • UL • CUL

Available Colors: Dove Gray or Black

Input power: 120V 60 Hz Warranty: 1 year

Optional fluorescent tubes available ordered separately:



F15T8/CW (4100°K) Cool White



F15T8/FSB (5500°K) Full-spectrum



F15T8/BLB UV Black Light

MODEL	REACH	BASE	SHIP WT. LBS.	M.S.R.P.
DAZ-112	45	CLAMP	8	\$105.79

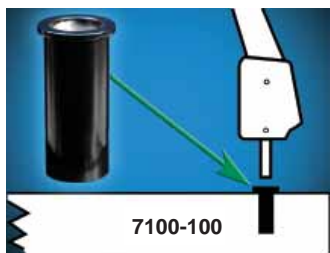
MOUNTING OPTIONS FOR DAZOR IV-Pivot BASE MODELS



7100-093



7100-08



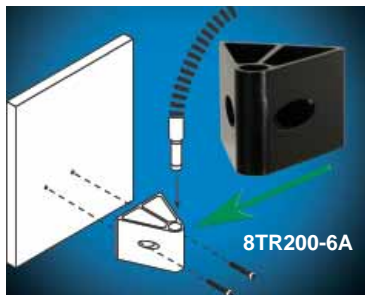
7100-100



7100-075



7100-060



8TR200-6A

7100-093 CLAMP TO HORIZONTAL SURFACE \$26.15

Standard Clamp for most Dazor Lamps

All metal, dual clamp mounting prevents the base from moving and twisting off the surface.

7100-060 WALL MOUNT OR TABLETOP BRACKET \$46.55

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 \$21.48

Rugged plastic dual clamp mounting prevents the base from moving and twisting off the surface. Ships with 8ML; fits most IV-Pivot models.

7100-08 CLAMP TO A SLOPED SURFACE \$38.19

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.

7100-100 TABLETOP BUSHING MOUNT \$14.32

Metal bushing for hole drilled in tabletop.

8TR200-6A WALL MOUNT BRACKET \$21.48

Alternative wall mount for gooseneck arm.

FLOOR STANDS for IV-Pivot Model Lamps

1050 CASTER FLOOR STAND \$140.83

Heavy-duty 5 casters, Dazor models only, 30 lbs., 40.5" high. Wheels and base black. Available Pole colors: Black, White, Almond, Dove Gray.

2050 World-Lite™ PEDESTAL FLOOR STAND

\$100.91

Circular pedestal for DAZ-2703 18 lbs., 37.5" high. Available colors: Black, White, Champagne

3050R PEDESTAL FLOOR STAND \$116.96

Circular pedestal, Dazor models only, 30 lbs., 38.5" high. Available colors: Black, White, Almond, Dove Gray

7940-04 ADJUSTABLE HEIGHT BRACKET/Floor Stands \$ 71.61

Mounts on pole of floor stand and can be adjusted up and down the length of the pole for desired height.



3050R



IV-Pivot



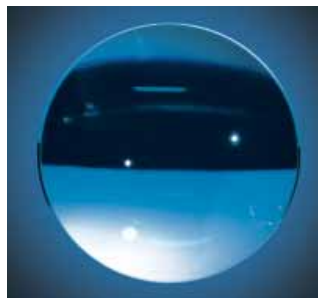
7940-04



1050



1400 Add-A-Lens



209-10 / 209-10A



1408R-4X-01



8MR900-05
8MR900-011/016



PART #	LENS SYSTEM / SHIELDS / NEMA PLUG	M.S.R.P
Circular Lens Systems - Replacement and/or Upgrade		
209-10	Replacement Lens for 8MC, 8ML or 8MG Series 3-diopter circline magnifying lens 5-inch dia	\$ 47.74
209-10A	Upgrade Lens for 3-diopter 8MC, 8ML or 8MG Series 5-diopter circline magnifying lens 5-inch dia.	\$ 81.16
1400	Converts 3-diopter 8MC or 8MG to 11-diopter 1400 ADD-A-LENS 3-inch dia.	\$ 61.63
1408R-4X-01	Converts 8MC or 8MG series to a 2-pc, 16-diopter lens system; 3-inch dia.	\$ 107.42
8MR Stretch-View Lens Systems - Replacement and/or Upgrade		
8MR900-03	Replacement lens for 8MR series 3-diopter STRETCH-VIEW magnifying lens	\$ 96.57
8MR900-05	Upgrade lens for 8MR series, 3-diopter lens to 5-diopter STRETCH-VIEW magnifying lens	\$ 107.63
8MR900-011	11-diopter STRETCH-VIEW magnifying lens system	\$113.38
8MR900-016	16-diopter STRETCH-VIEW magnifying lens system	\$125.32
Bulb Shields		
570-B	Two-tube 15-watt shield	\$ 28.64
1408-30C	8MC-series circline shield	\$ 19.10
8SD100	8MG-series shield	\$ 15.52
8SD900-1	8MR-series STRETCH-VIEW shield	\$ 15.52
Hospital Grade Plug (Fits Most Models)		
NEMA Hospital Grade Plug wired on 9 ft. SJTO 3-conductor cord.		\$ 33.42



Fits MODEL #'s	PART #	BULB WATTAGE / COLOR TEMP. (°Kelvin)	M.S.R.P.
A 2124,2134, 2224A, 2234A, 2324, 2T22FL, 124A3, 134A3, 318A3, DAZ-112	F15T8/CW	15-watt fluorescent / Cool White (4100°K)	\$ 6.94
	F15T8/DL	15-watt fluorescent / Daylight (6500°K)	\$ 6.94
	F15T8/BLB	15-watt fluorescent / UV Black Light	\$ 33.42
	F15T8/FSB	15-watt fluorescent / Full-spectrum (5500°K)	\$ 33.42
B 8MC Series, 1420R, 8CB Series	FC8T9/CW	22-watt fluorescent circline / Cool White (4100°K)	\$ 10.63
	FC8T9/DL	22-watt fluorescent circline / Daylight (6500°K)	\$ 10.63
	FC8T9/BLB	22-watt fluorescent circline / UV Black Light	\$ 29.84
	FC8T9/FSB	22-watt fluorescent circline / Full-spectrum (5000°K)	\$ 29.84
CFL = Compact Fluorescent			
C 8MG Series, 8FL Series	13W-27	13-watt CFL / Warm White (2700°K)	\$ 10.74
	13W-35	13-watt CFL / Natural Light (3500°K)	\$ 10.74
	13W-41	13-watt CFL / Cool White (4100°K)	\$ 10.74
	13W-51-FSB	13-watt CFL / Full-spectrum (5000°K)	\$ 23.87
D 8CB Series, "Incandescent" Models	15W-27	15-watt CFL / Warm White (2700°K)	\$ 23.87
E 8MR Series, 8SY Series, DAZ-2703	18W-35	18-watt CFL / Natural Light (3500°K)	\$ 21.48
	18W-41	18-watt CFL / Cool White (4100°K)	\$ 21.48
	18W-FSB	18-watt CFL / Full-spectrum (5000°K)	\$ 38.19
F 8000, 8001	FPL27W/DL	27-watt CFL / Cool White (4000°K)	call
G J Series	FC18T5/FSB	18-watt CFL / Full-spectrum (5500°K)	\$ 19.95
	FC18T5/BLB	18-watt CFL / UV Black Light	\$ 29.95
Halogen Bulbs			
H 20-watt Halogens	6000-10	20-watt Halogen	\$ 10.45
I 50-watt Halogens	5HG101-8	50-watt Halogen MR-16	\$ 21.48



Five Year Limited Warranty

Dazor Manufacturing Corp. warrants to the original owner that this Dazor product is free from defects in mechanical operation and electrical components for a period of five years from the date of original purchase. Tubes and bulbs are not covered by the warranty.

This warranty is not transferable and does not cover damage due to accident, abuse, misuse, alteration, modification, faulty installation, or repair by anyone other than Dazor's factory Repair Service Center.

The obligation of Dazor is solely to repair or replace the product at Dazor's option. Dazor is not liable for any incidental or consequential damage due to such defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply.



One Year Limited Warranty

Dazor Manufacturing Corp. warrants to the original owner that this World-Lite™ product is free from defects in mechanical operation and electrical components for a period of one year from the date of original purchase. Tubes and bulbs are not covered by the warranty.

This warranty is not transferable and does not cover damage due to accident, abuse, misuse, alteration, modification, faulty installation, or repair by anyone other than Dazor's factory Repair Service Center.

The obligation of Dazor is solely to repair or replace the product at Dazor's option. Dazor is not liable for any incidental or consequential damage due to such defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply.

Before returning any product to Dazor, you must call Customer Service for a Return Authorization Number.

WHAT TO DO IF THERE IS A PROBLEM

Save your original bill of sales receipt* and/or invoice from the sales outlet where you purchased this Dazor product. The warranty is valid only for the original owner who has proof of purchase *(this is your proof of purchase and validation of your 5-year / 1-year warranty).

First, check with the sales outlet where you purchased the product to see if the problem can be resolved there. If the problem cannot be resolved through the sales outlet, you may have to **contact Dazor for return authorization**.

If you receive authorization to return the product to the factory, follow the procedure below:

Remove light bulbs/tubes and repack fixture in original box, or in a sturdy cardboard box, and wrap fixture in bubble-wrap packing material. Please package securely to prevent damage even if box is dropped during shipment.

On the outside of the box include the Return Goods Authorization number along with your name and address.

Summary:

- **Contact Dazor for a Return Goods Authorization number.**
- Repackage unit in sturdy cardboard box, keep bulbs/tubes.
- Include your original bill of sale, your name, return address, and phone number.
- Mark Return Authorization Number on outside of box.
- Include a brief description of the problem.
- Send the unit with correct prepaid postage or UPS to Dazor address at right.

Send it to:

Dazor Manufacturing Corp.
Attn: Repair Department
11721 Dunlap Industrial Dr.
Maryland Heights, MO 63043

Dazor Manufacturing Corp.

11721 Dunlap Industrial Dr. • Maryland Heights, MO 63043
800.345.9103 • 314.652.2400 • 314.652.2069 fax
info@dazor.com • www.dazor.com