

## SAL24F20Z



### **Superior Large-Aperture Performance**

Like other large-aperture Carl Zeiss® lens designs, this f2.0 lens is simply magnificent in its ability to capture brilliant high-resolution images in low-light conditions requiring fully open aperture.

### **SSM (Super Sonic wave Motor)**

Designed for fast, smooth, silent automatic focusing, this unique technology achieves high torque at low speed with rapid start/stop response. It operates through the ability of a piezoelectric device to reshape itself quickly when voltage is applied.

### **Carl Zeiss® T\* Coating**

Coated optics were pioneered by Carl Zeiss® -- and this superb lens features T\* (T-Star) coating that virtually eliminates the lens flare, internal reflection and light scattering that can otherwise occur at glass-to-air surfaces.

### **Glass-Molded Aspherical Lens Elements**

These precision lens elements correct distortion for sharper, more visually accurate images.

### **ED (Extra-low Dispersion) Glass**

Because light of different wavelength (or color) bends at different angles when it passes through a lens, ED (Extra-low Dispersion) Glass is used in Carl Zeiss® lenses to eliminate chromatic aberration by correcting certain wavelengths of light for sharp, clear images with well defined colors.

## Specifications

Optics/Lens	
Lens Type	Distagon T* 24mm F2 ZA SSM
Lens Mount Type	Sony A-mount
Aperture	f/2.0
Aperture (Max.)	f/2.0
Aperture (Min.)	f/22
Focal Length (35mm equivalent)	36mm
Filter Diameter	72mm
Lens Groups-Elements	7 groups, 9 elements (2 aspheric surface)
Minimum Focus Distance	7.56" (0.19m)
Angle of View	84° (35mm), 61° (APS-C)
Aperture Blade	9 blades
Aspheric Elements	2 aspheric
Depth-of-Field	Yes
Dimensions (Max. Diameter x Length)	3-1/8 x 3" (78 X 76mm)
Distance Encoder	Yes
Distance Scale	Yes
Focus Ring in AF Mode	No Rotation
Internal Motor	Yes (SSM)
Lens Weight	19.6 oz. (555g)
Maximum Magnification	x0.29
Focus-hold Button	Yes
Dimensions (Approx.)	

Dimensions (Approx.) 3-1/8 x 3" (78 X 76mm)

### Weights and Measurements

Weight (Approx.) 19.6 oz. (555g)

### Accessories

Supplied Accessories Front and rear lens cap  
ALC-SH110 petal lens hood  
Lens carrying case