

# Specifications

<b>Guide Numbers:</b>	With ISO 100 film 36 (in meter), 120 (in feet) With ISO 25 film 18 (in meter), 60 (in feet)	
<b>Angle of Illumination in Direct Flash:</b>	60° Horizontal by 45° Vertical; 35 mm lenses on 35 mm cameras	
<b>Automatic Aperture Setting:</b>	f/2, f/4, f/8 (ISO 100 film) (with standard 35 mm camera)	
<b>Automatic Distance Range:</b>	2 – 18 m/6.6' – 60' (at maximum aperture) 1 – 9 m/3.3' – 30' (at medium aperture) 0.5 – 4.5 m/1.6' – 15' (at minimum aperture)	
<b>Variable Power Ratio Range:</b>	16:1 (5-stop range)	
<b>Sensor Acceptance Angle:</b>	15°	
<b>Bounce Flash:</b>	Adjustable Bounce Flash Head at 330 degree rotation and 90 degree elevation. (automatic operation)	
<b>Flash Speed:</b>	1/700th – 1/20000th second depending on Auto distance, 1/700th – 1/10000th second depending on Manual Power Ratio setting in use.	
<b>Number of Flashes and Recycling Time:</b>	<b>Maximum Power</b>	<b>Minimum Power</b>
<b>With 4 x AA Nicad Batteries:</b>		
Number of Flashes	55	400
Recycling Time	5.5 sec.	0.3 sec.
<b>With 4 x AA Alkaline Batteries:</b>		
Number of Flashes	135	1400
Recycling Time	8.5 sec.	0.3 sec.
<b>With Sunpak Multi-Voltage AC Adapter (AD-27):</b>		
Recycling Time at 100 V	19 sec.	0.3 sec.
120 V	17 sec.	0.3 sec.
220 V	13 sec.	0.3 sec.
240 V	13 sec.	0.3 sec.
<b>With Sunpak Powerpak for 510 V Battery: (with Everyday #497 or equivalent):</b>		
Number of Flashes	500	4500
Recycling Time	1 sec.	0.3 sec.
<b>(with Sunpak NC510 Rechargeable Battery):</b>		
Number of Flashes	80	350
Recycling Time	1.5 sec.	0.3 sec.
<b>Color Temperature:</b>	Most suitable for daylight color films.	
<b>Dimensions (H x W x D):</b>	113 x 75 x 72 mm/4.4" x 3" x 2.8" (without shoe)	
<b>Weight:</b>	310 g/11 oz. (less batteries)	

Features and specifications are subject to  
change without prior notice.