

| LC-XB43, LC-XB43N (BRILLIANT) | | | | Screen Dimensions. | | | | | | | | |
|--|------|--------------|-----------------------------|--------------------|-------------------------------------|-----|------|------|------|------|------|------|
| Resolution: XGA (1024x768) | | | | H' | 2.0 | 3.0 | 5 | 6 | 7.5 | 9 | 12 | 15 |
| Aspect Ratio: (3 High by 4 Wide by 5 Diagonal) | | | | W' | 2.67 | 4 | 6.67 | 8 | 10 | 12 | 16 | 20 |
| Aperture: 0.64 in. wide | | | | D" | 40 | 60 | 100 | 120 | 150 | 180 | 240 | 300 |
| Standard Lens | T/W | Shift/Limits | Lens Description | EFL | Throw (Distance to Screen) in feet. | | | | | | | |
| LC-XB43, LC-XB43N | 1.18 | up 40% | 0.756 ~ 1.189" Manual, Zoom | 0.756 | 3.2 | 4.7 | 7.9 | 9.5 | 11.8 | 14.2 | 18.9 | 23.6 |
| LC-XB42, LC-XB42N | 1.86 | (fixed) | (19.2~30.2 mm) f:1.7~2.5 | 1.189 | 5.0 | 7.4 | 12.4 | 14.9 | 18.6 | 22.3 | 29.7 | 37.2 |

| LC-XS31, LC-XS30, LC-XS25 (SCHOOL) | | | | Screen Dimensions. | | | | | | | | |
|--|------|--------------|----------------------------|--------------------|-------------------------------------|-----|------|------|------|------|------|------|
| Resolution: XGA (1024x768) | | | | H' | 2.0 | 3.0 | 5 | 6 | 7.5 | 9 | 12 | 15 |
| Aspect Ratio: (3 High by 4 Wide by 5 Diagonal) | | | | W' | 2.67 | 4 | 6.67 | 8 | 10 | 12 | 16 | 20 |
| Aperture: 0.504 in. wide | | | | D" | 40 | 60 | 100 | 120 | 150 | 180 | 240 | 300 |
| Standard Lens | T/W | Shift/Limits | Lens Description | EFL | Throw (Distance to Screen) in feet. | | | | | | | |
| LC-XS31, LC-XS25 | 1.74 | up 40% | 0.886"~1.063" Manual, Zoom | 0.879 | 4.7 | 7.0 | 11.6 | 14.0 | 17.4 | 20.9 | 27.9 | 34.9 |
| LC-XS30 | 2.09 | (fixed) | (22.5~27 mm) f:1.65~1.81 | 1.055 | 5.6 | 8.4 | 14.0 | 16.7 | 20.9 | 25.1 | 33.5 | 41.9 |

| LC-XB100/A & 200/A & LC-XB250 (BRILLIANT) | | | | Screen Dimensions. | | | | | | | | |
|--|------|--------------|----------------------------|--------------------|-------------------------------------|-----|------|------|------|------|------|------|
| Resolution: XGA (1024x768) | | | | H' | 2.0 | 3.0 | 5 | 6 | 7.5 | 9 | 12 | 15 |
| Aspect Ratio: (3 High by 4 Wide by 5 Diagonal) | | | | W' | 2.67 | 4 | 6.67 | 8 | 10 | 12 | 16 | 20 |
| Aperture: 0.504 in. wide | | | | D" | 40 | 60 | 100 | 120 | 150 | 180 | 240 | 300 |
| Standard Lens | T/W | Shift/Limits | Lens Description | EFL | Throw (Distance to Screen) in feet. | | | | | | | |
| LC-XB100A, LC-XB200A | 1.18 | up 40% | 0.610"~0.965" Manual, Zoom | 0.595 | 3.2 | 4.7 | 7.9 | 9.4 | 11.8 | 14.2 | 18.9 | 23.6 |
| LC-XB250 | 1.91 | (fixed) | (15.5~24.5 mm) f:1.65~2.33 | 0.962 | 5.1 | 7.6 | 12.7 | 15.3 | 19.1 | 22.9 | 30.5 | 38.2 |

| LC-XBL30 (BRILLIANT) | | | | Screen Dimensions. | | | | | | | | |
|--|------|--------------|-----------------------------|--------------------|-------------------------------------|-----|------|------|------|------|------|------|
| Resolution: XGA (1024x768) | | | | H' | 2.0 | 3.0 | 5 | 6 | 7.5 | 9 | 12 | 15 |
| Aspect Ratio: (3 High by 4 Wide by 5 Diagonal) | | | | W' | 2.67 | 4 | 6.67 | 8 | 10 | 12 | 16 | 20 |
| Aperture: 0.504 in. wide | | | | D" | 40 | 60 | 100 | 120 | 150 | 180 | 240 | 300 |
| Standard Lens | T/W | Shift/Limits | Lens Description | EFL | Throw (Distance to Screen) in feet. | | | | | | | |
| LC-XBL30 (BRILLIANT) | 1.42 | up 31% | 0.724"~0.869" Manual, Zoom | 0.715 | 3.8 | 5.7 | 9.5 | 11.3 | 14.2 | 17.0 | 22.7 | 28.4 |
| | 1.72 | (fixed) | (18.38~22.06 mm) f:2.0~2.15 | 0.865 | 4.6 | 6.9 | 11.4 | 13.7 | 17.2 | 20.6 | 27.5 | 34.3 |

| LC-XBL20 & 25 (BRILLIANT) | | | | Screen Dimensions. | | | | | | | | |
|--|------|--------------|-----------------------------|--------------------|-------------------------------------|-----|------|------|------|------|------|------|
| Resolution: XGA (1024x768) | | | | H' | 2.0 | 3.0 | 5 | 6 | 7.5 | 9 | 12 | 15 |
| Aspect Ratio: (3 High by 4 Wide by 5 Diagonal) | | | | W' | 2.67 | 4 | 6.67 | 8 | 10 | 12 | 16 | 20 |
| Aperture: 0.44 in. wide | | | | D" | 40 | 60 | 100 | 120 | 150 | 180 | 240 | 300 |
| Standard Lens | T/W | Shift/Limits | Lens Description | EFL | Throw (Distance to Screen) in feet. | | | | | | | |
| LC-XBL20, LC-XBL25 | 1.61 | up 35% | 0.724"~0.869" Manual, Zoom | 0.709 | 4.3 | 6.4 | 10.7 | 12.9 | 16.1 | 19.3 | 25.8 | 32.2 |
| | 1.94 | (fixed) | (18.38~22.06 mm) f:2.0~2.15 | 0.854 | 5.2 | 7.8 | 12.9 | 15.5 | 19.4 | 23.3 | 31.1 | 38.8 |

| LC-XD25/U (DIAMOND) | | | | Screen Dimensions. | | | | | | | | |
|--|------|--------------|------------------------------|--------------------|-------------------------------------|-----|------|------|------|------|------|------|
| Resolution: XGA (1024x768) | | | | H' | 2.0 | 3.0 | 5 | 6 | 7.5 | 10 | 12 | 15 |
| Aspect Ratio: (3 High by 4 Wide by 5 Diagonal) | | | | W' | 2.67 | 4 | 6.67 | 8 | 10 | 13.3 | 16 | 20 |
| Aperture: 0.504 in. wide | | | | D" | 40 | 60 | 100 | 120 | 150 | 200 | 240 | 300 |
| Standard Lens | T/W | Shift/Limits | Lens Description | EFL | Throw (Distance to Screen) in feet. | | | | | | | |
| LC-XD25/U (DIAMOND) | 1.35 | up 35% | 0.685~0.831" Manual, Zoom | 0.680 | 3.6 | 5.4 | 9.0 | 10.8 | 13.5 | 17.9 | 21.6 | 27.0 |
| | 1.63 | (fixed) | (17.4~21.1.0 mm) f:1.77~1.99 | 0.820 | 4.3 | 6.5 | 10.9 | 13.0 | 16.3 | 21.6 | 26.0 | 32.5 |

| For all models | | | | | | | | | | | | |
|---|--|--|--|-----------|------|------|------|------|------|------|------|-------|
| Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal) | | | | H' | 1.50 | 2.25 | 3.75 | 4.50 | 5.63 | 6.75 | 9.00 | 11.25 |

These charts are a simulation. Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations.. Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.