The World’s First* Ultra-Short-Throw Zoom Lens Fits Easily in Tight Exhibition Spaces

Main Features

01 | Superior Flexibility for Easy Installation
Leverage the freedom of a 0.280:1 throw-ratio with zero offset. Together with optical zoom, the ET-DLE020 brings a new level of flexibility to ultra-short-throw projection while reducing installation hassle.

02 | Add Versatility to Your Exhibition
Explore exciting projection possibilities with dual-stacking and rear-projection capability. The ET-DLE020 attaches without protrusion above or below the projector and is ready to stack for front or rear projection.

03 | High Reliability for Continuous Operation
Paired with a dust-resistant Panasonic 1-Chip DLP™ laser projector, this rugged all-glass lens works reliably without maintenance in the harshest commercial conditions.

* As of February 2019. For 0.4:1 throw-ratio or less. According to internal research.
Flexible and Reliable

ET-DLE020 Projection Image (200 inch)

Flexible Zoom and Wide-Range Lens Shift

Conventional UST lenses require time-consuming fixed installation with no margin for error. The ET-DLE020’s optical zoom, however, provides an installation margin of ±45 mm (±1.77”) with easy image adjustment. Combines with Panasonic laser projectors*2 to support Wide V/H lens-shift, more than doubling movable shift area of comparable lenses, increasing installation flexibility, and expediting setup.

Excellent Reliability in Dusty Environments

The ET-DLE020 features an aspherical all-glass lens that’s heat- and scratch-resistant. Durable construction enhances reliability for long-term use, and when combined with our dust-resistant laser projectors*2, assures consistently brilliant images under continuous operation.

Specifications

- **Model:** ET-DLE020
- **Lens type:** Ultra-Short-Throw Zoom Lens
- **F value:** 2.0
- **Focal length (f):** 4.3–4.4 mm (1/16–1/14 inches)
- **Screen size:** 100–480 inches
- **Throw ratio:** WUXGA 0.290–0.299:1, WXGA 0.294–0.314:1
- **Lens-shift*** Vertical: ±50 %, Horizontal: ±16 %
- **Weight:** Approx. 3.2 kg (7.05 lbs)
- **Screen size:** 200 inch
- **Dimensions (W x H x D):** 170 x 170 x 391 mm (6 11/16˝ x 6 11/16˝ x 15 13/32˝)
- **Zoom:** Yes
- **Note:** Hot spots may occur depending on the screen.

Zero Offset and Flexible Setup for Multi-Screen Projection

Install your Panasonic 1-Chip DLP™ laser projector on-ceiling and close to the wall for full top-to-bottom screen coverage with zero offset and minimal shadowing, even in low-ceiling applications. Zoom and wide-range V/H Lens Shift joins flexible edge-blending adjustment for multi-screen projection.

Projection Distance

<table>
<thead>
<tr>
<th>Model</th>
<th>ET-DLE020 (16:10 aspect ratio)</th>
<th>Projection Distance (unit: meters (feet))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension</td>
<td>[H] 200 inch</td>
<td>(width)</td>
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<tr>
<td></td>
<td>(Height)</td>
<td>(Height)</td>
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<tr>
<td></td>
<td>100°  / 2540 m</td>
<td>1346.9 (4.42)</td>
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<tr>
<td></td>
<td>120° / 3056 m</td>
<td>1416.9 (4.64)</td>
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<tr>
<td></td>
<td>150° / 3810 m</td>
<td>1642.7 (5.38)</td>
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<tr>
<td></td>
<td>200° / 5080 m</td>
<td>2020.2 (6.63)</td>
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<tr>
<td></td>
<td>250° / 6350 m</td>
<td>2363.5 (7.79)</td>
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<tr>
<td></td>
<td>300° / 7420 m</td>
<td>2653.5 (8.69)</td>
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<tr>
<td></td>
<td>350° / 8590 m</td>
<td>2947.2 (9.69)</td>
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<tr>
<td></td>
<td>400° / 10160 m</td>
<td>3268.7 (10.73)</td>
</tr>
</tbody>
</table>

*1 Value is for ceiling installations at WUXGA resolution. Lens-shift value will vary by model. Please see the Throw Distance Calculator for more information: https://panasonic.net/cns/projector/calculator/tdc/. For floor installations, up and right shift will be defined as a positive value.

For more information about Panasonic projectors, please visit:
- Projector Global Website – https://panasonic.net/cns/projector/
- YouTube – www.youtube.com/user/PanasonicProjector
- Facebook – www.facebook.com/panasonicprojectoranddisplay

Note: Following the shift of the Panasonic Group to a holding company system, the Connected Solutions Company of the Panasonic Corporation has changed to Panasonic Connect Co., Ltd. as of April 1, 2022.