



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.

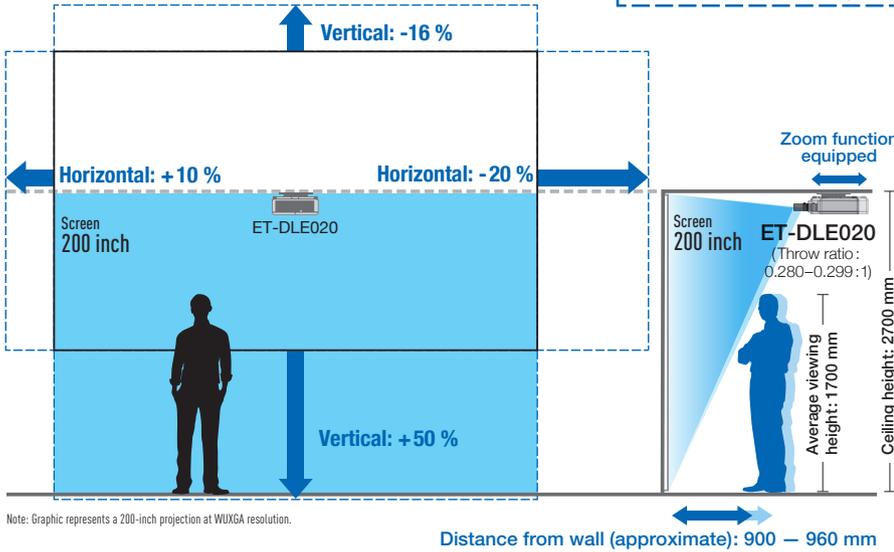
03 | High Reliability for Continuous Operation

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.



Flexible and Reliable

ET-DLE020 Projection Image (200 inch)



Flexible Zoom and Wide-Range Lens Shift

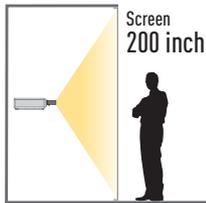
Conventional UST lenses require time-consuming fixed installation with no margin for error. The ET-DLE020's **optical zoom**, however, provides an installation margin of ± 45 mm (± 1.77 "') with easy image adjustment. Combines with Panasonic laser projectors*2 to support **Wide V/H lens-shift**, more 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.

Versatile

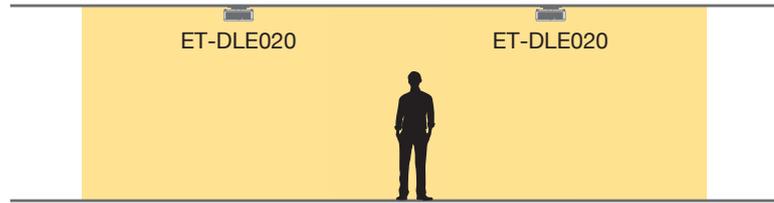
Install in rear-projection spaces at ultra-short distance



On-Axis Rear Projection

The ET-DLE020's straight mirrorless design makes **screen-centered** projector installation possible in **rear-projection** applications.

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.

Specifications

Model	ET-DLE020	
Lens type	Ultra-Short-Throw Zoom Lens	
F value	2.0	
Focal length (f)	4.1-4.4 mm (5/32-11/64 inches)	
Screen size	100-400 inches	
Throw ratio	WUXGA	0.280-0.299:1
	WXGA	0.294-0.314:1
	XGA	0.290-0.309:1
Lens-shift*1	Vertical	+50 % - -16 %
	Horizontal	+10 % - -20 %
Zoom	Yes	
Dimensions (W x H x D)	170 x 170 x 391 mm (6 11/16" x 6 11/16" x 15 13/32")	
Weight	Approx. 3.2 kg (7.05 lbs)	
Applicable projectors*3	PT-RC010 / PT-RC080 / PT-RZ120 / PT-RZ970 / PT-RW930 / PT-RX110 / PT-RZ870 / PT-RZ770 / PT-RW730 / PT-RZ660 / PT-RW620	

Projection Distance

unit: meters (feet)

ET-DLE020 (16:10 aspect ratio)						
Projection size (Diagonal)	Projection size (Height)	Projection size (Width)	PT-RC010/RC080/RZ120/RZ970/RZ870/RZ770/RZ660 Throw ratio [0.280-0.299:1]		PT-RW930/RW730/RW620 Throw ratio [0.294-0.314:1]	
			min.	max.	min.	max.
100" / 2.540 m	1.346 [4.42]	2.154 [7.07]	0.59 [1.94]	0.64 [2.10]	0.62 [2.03]	0.67 [2.20]
120" / 3.048 m	1.615 [5.30]	2.585 [8.48]	0.72 [2.36]	0.77 [2.53]	0.75 [2.46]	0.81 [2.66]
150" / 3.810 m	2.019 [6.62]	3.231 [10.60]	0.90 [2.95]	0.97 [3.18]	0.95 [3.12]	1.02 [3.35]
200" / 5.080 m	2.692 [8.83]	4.308 [14.13]	1.21 [3.97]	1.30 [4.27]	1.27 [4.17]	1.37 [4.49]
250" / 6.350 m	3.365 [11.04]	5.385 [17.67]	1.52 [4.99]	1.63 [5.35]	1.60 [5.25]	1.71 [5.61]
300" / 7.620 m	4.039 [13.25]	6.462 [21.20]	1.83 [6.00]	1.96 [6.43]	1.92 [6.30]	2.06 [6.76]
350" / 8.890 m	4.712 [15.46]	7.539 [24.73]	2.14 [7.02]	2.29 [7.51]	2.25 [7.38]	2.41 [7.91]
400" / 10.160 m	5.385 [17.67]	8.616 [28.27]	2.45 [8.04]	2.63 [8.63]	2.57 [8.43]	2.76 [9.06]

Note: Throw-distance shown is for 16:10 aspect ratio only. Please see the Throw Distance Calculator to check values for other aspect ratios: <https://panasonic.net/cns/projector/calculator/tdc/>.

*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. Down and left shift will be defined as a negative value. *2 Please refer to <https://panasonic.net/cns/projector/products/dle020/spec/> to check projectors compatible with ET-DLE020. *3 Please use this product with the included lens-bracket attachment.



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.

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All information included here is valid as of April 2022.

ET-DLE020_G2 Printed in Japan.