



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

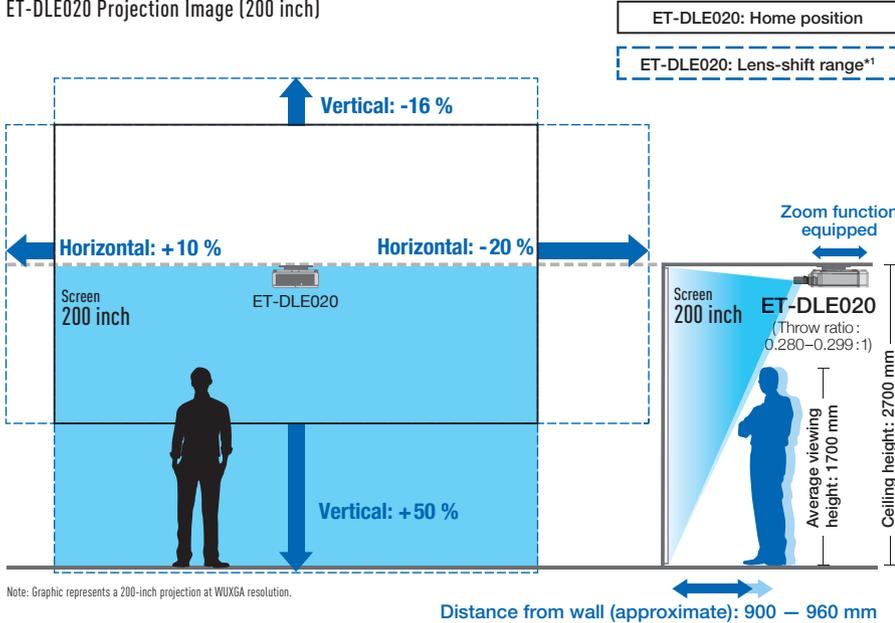
Paired with a dust-resistant Panasonic 1-Chip DLP™ laser projector, this rugged all-glass lens works reliably without maintenance in the harshest commercial conditions.



*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)



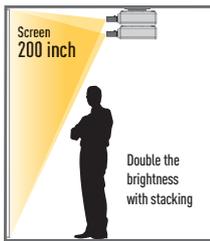
Flexible Zoom and Wide-Range Lens Shift

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.

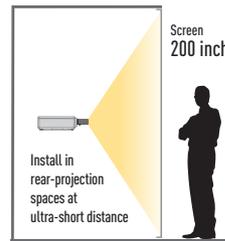
Versatile



Project in brighter environments

Zero Offset and Stacking Capability

Install your Panasonic 1-Chip DLP™ 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. With no overhang, the ET-DLE020 **can be stacked**, bringing even higher brightness and versatility to UST projection.



Better brightness uniformity

Better Brightness Uniformity for Rear Projection

The ET-DLE020's straight mirrorless design makes **screen-centered** projector installation possible in **rear-projection** applications for uncommonly high **brightness consistency** across the entire image, even in confined spaces.

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/tcdc/>.

*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/tcdc/>. 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 Specifications 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 – panasonic.net/cns/projector
 YouTube – www.youtube.com/user/PanasonicProjector
 Facebook – www.facebook.com/panasonicprojectoranddisplay

All information included here is valid as of October 2019.

ET-DLE020 Printed in Japan.