



Vega65

Designed by TLS. Built without compromise.
Modern large-format coverage with character-inspired optics.

Professional Cine Lenses



WINNER

2025 BSC Bert Easey
Technical Award

Vega History

The Vega story started in 2017, when the first TLS Vega lens came to life. Born from years of rehousing expertise and close collaboration with filmmakers, Vega marked a turning point for TLS: the moment we began creating our own lenses in-house. Those early Vega lenses were shaped by a clear intention, to pair modern sensor performance with character, consistency, and uncompromising mechanical precision.

That philosophy never changed. It evolved!

We Bring You Vega65

Today, that journey brings us to Vega65, a lens conceived, engineered, and built in-house by the TLS design team. Every decision is deliberate. Every tolerance exact. Every material selected for performance, never convenience. This is where modern imaging meets character.

Precision isn't claimed – it's engineered!

From in-house materials to uncompromising mechanical accuracy, Vega65 is built with absolute control at every stage. But technology alone is never enough. With the skilled hands, trained eyes and experience refined over decades, every element is aligned and every lens is meticulously perfected by the TLS team.

Sensor Coverage & Scale

At the heart of Vega65 is a purpose-built large-format optical design. Light moves cleanly and efficiently through the lens, delivering true 65mm sensor coverage for the latest generation of large-format cameras. Every focal length is engineered to maintain consistent image characteristics, ensuring seamless visual continuity across the entire set.

The result is controlled depth and separation, with smooth fall-off and a cinematic sense of scale that remains consistent from lens to lens. Fast apertures give DPs confidence in low-light environments, while preserving precise contrast and controlled depth across the frame.

Exceptional close-focus performance transforms proximity into a creative tool, allowing filmmakers to work closer to the subject without sacrificing optical integrity or character. From wide establishing shots to intimate details, Vega65 delivers reliable performance and matched character—frame after frame.

Built to Adapt

Vega is designed as a long-term system. Existing Vega FF sets can be upgraded to Vega65 via a dedicated upgrade kit, while Vega65 lenses can also be converted back to full-frame with an additional kit if required – please contact us for more information and costs for conversion kits.

This modular approach allows filmmakers and rental houses to invest with confidence—supporting current production needs while remaining future-ready as larger-format cameras become more widely available.

This is the Vega65!

Built with TLS's uncompromising standards, every Vega65 lens is marked by the star, our signature of design integrity, engineering excellence, and confidence in performance when it matters most



Vega65



Key Features

Vega65

Sensor Coverage & Scale

Large-format coverage engineered for today's most advanced sensors.

Speed & Intimacy

Fast apertures deliver depth, control, and confidence in low-light conditions.

Close Focus

Exceptional close-focus performance turning proximity into a creative advantage.

Built to Move

Compact and lightweight for modern production environments.

Complete Lens System

Nine focal lengths, all matched in character for seamless visual continuity.

Lens Creation Identity & Confidence

Designed, engineered, and built by TLS—performance you can trust, marked with a star.



Vega65

Technical Specification



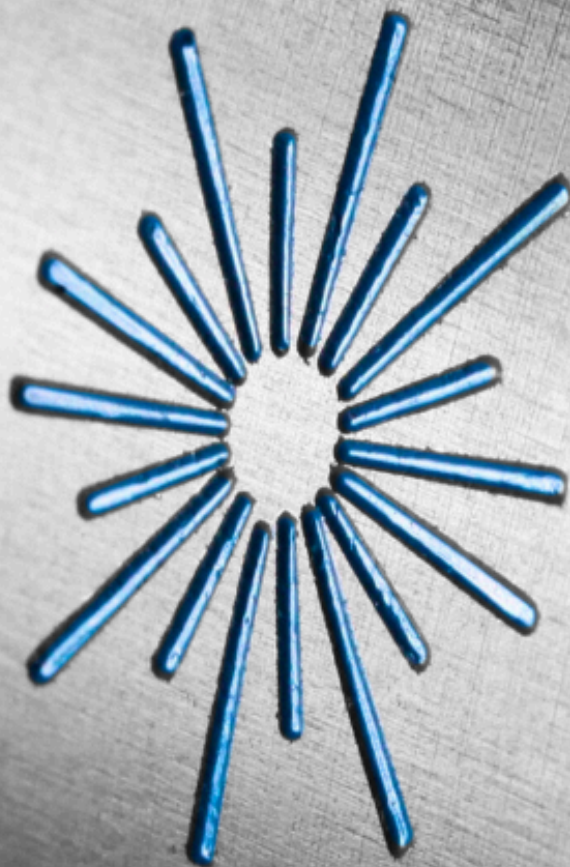
Focal Range	24mm			30mm			35mm			45mm			60mm		
Mount	LPL			LPL			LPL			LPL			LPL		
T-Stop	T2.5			T1.9			T1.9			T1.9			T1.9		
Min. Object Distance typ. (inches)	8"			10"			11"			12"			15"		
Ø Image Circle Across T-stop	T2.5	T5.6	T16	T1.9	T5.6	T16	T1.9	T5.6	T16	T1.9	T5.6	T16	T1.9	T5.6	T16
Ø Image Circle - Close Focus (mm)	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+
Ø Image Circle - Infinity (mm)	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+
Front Diameter (mm)	110			110			110			110			110		
Total Length (mm)(To PL Flange)*	110			110			121			110			100		
Total Length (inches)(To PL Flange)*	4.33"			4.33"			4.76"			4.33"			3.94"		
Weight** (kg)	1.65kg			1.75kg			1.82kg			1.86kg			1.38kg		
Weight** (lbs)	3.64			3.86			4.01			4.1			3.04		

Focal Range	70mm			105mm			127mm			165mm		
Mount	LPL			LPL			LPL			LPL		
T-Stop	T1.9			T1.9			T1.9			T2.7		
Min. Object Distance typ. (inches)	18"			2' 9"			3' 3"			3' 9"		
Ø Image Circle Across T-stop	T1.9	T5.6	T16	T1.9	T5.6	T16	T1.9	T5.6	T16	T2.7	T5.6	T16
Ø Image Circle - Close Focus (mm)	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+
Ø Image Circle - Infinity (mm)	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	60+	57
Front Diameter (mm)	110			110			110			110		
Total Length (mm)(To PL Flange)*	100			110			120			137		
Total Length (inches)(To PL Flange)*	3.94"			4.33"			4.72"			5.39"		
Weight** (kg)	1.46kg			1.76kg			2.09kg			2.05kg		
Weight** (lbs)	3.22			3.88			4.61			4.52		

*Total approximate length is measured from the flange to the front of lens

**Weight subject to change with further developments

TLS



Contact Us

+44 (0)1455 848 411

sales@truelens.co.uk

Glass House, Dawson's Lane, Barwell
Leicestershire, LE9 8BE. UK