



VERONICA – Protecting your light from harsh environments

LEDiL's new VERONICA family represents an innovative way of designing TIR optics. A single molded piece that triples as an optical element, structural holder and a sealing surface.

Make VERONICA your weapon of choice for challenging environments and outdoor applications. Special attention paid to ensure easy ingress protection – making VERONICA suitable for applications requiring IP ratings up to IPX8. Two lens types with real spot and oval beam patterns already exist, and more are on the way.

VERONICA is available in two form factors: the round, slightly larger version is optimized for optical performance whereas the square VERONICA-SQ has adhesive tape for easy installation and a slightly smaller footprint.

KEY FEATURES

- IPX8 suited.
- Tape protects the LED from potting agent during the installation.
- The round, slightly larger version has optimal optical performance but needs to be potted using potting resins with higher viscosity.
- The square version has the same distance between the pins as STRADA-SQ lenses (pins on the corners), making it more versatile to use.

MARKETS and TYPICAL APPLICATIONS

- Outdoor architectural lighting
- Facade lighting
- Display and billboard lighting

TECHNICAL SPECIFICATIONS

C13528_VERONICA-RS

- Typical¹⁾ FWHM ~10°
- Diameter 26 mm
- Height 12.2 mm
- Mounting with glue and potting resin
- Precision-molded from high grade optical PMMA
- UL94 HB rated material with a wide operating temperature range
- ROHS and REACH compliant



C13529_VERONICA-O

- Typical¹⁾ FWHM ~55+14°
- Diameter 26 mm
- Height 12.2 mm
- Mounting with glue and potting resin
- Precision-molded from high grade optical PMMA
- UL94 HB rated material with a wide operating temperature range
- ROHS and REACH compliant



CA13724_VERONICA-SQ-RS

C13727_VERONICA-SQ-RS

- Typical¹⁾ FWHM ~11°
- Diameter 22.5 x 22.5 mm
- Height 12.2 mm
- Mounting with adhesive tape or glue
- Very low-viscosity potting resins can be used
- Precision-molded from high grade optical PMMA
- UL94 HB rated material with a wide operating temperature range
- ROHS and REACH compliant



CA13726_VERONICA-SQ-O

C13728_VERONICA-SQ-O

- Typical¹⁾ FWHM ~56+12°
- Diameter 22.5 x 22.5 mm
- Height 12.2 mm
- Mounting with adhesive tape or glue
- Very low-viscosity potting resins can be used
- Precision-molded from high grade optical PMMA
- UL94 HB rated material with a wide operating temperature range
- ROHS and REACH compliant



ORDERING INFORMATION

Consult www.ledil.com for ordering codes and latest product specifications, which may vary by LED

¹⁾FWHM angle is dependent on the chosen LED.