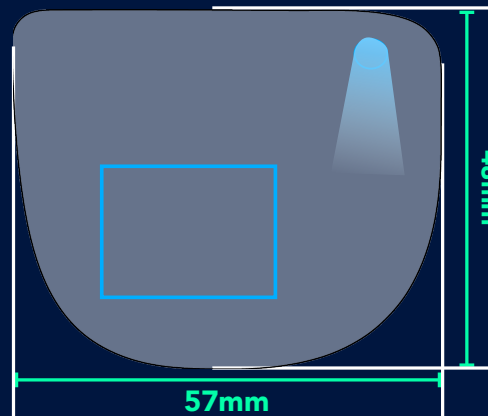
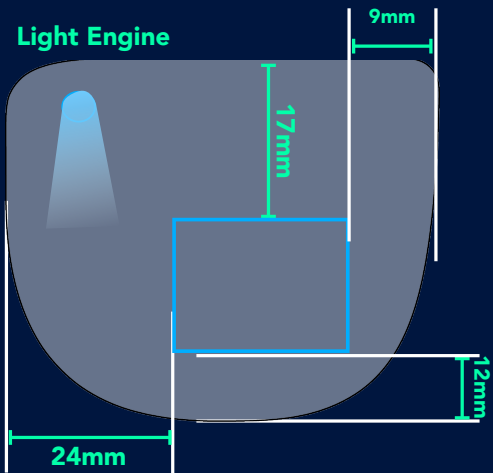


Crystal30

3RD GENERATION

New Experiences. Ready Today.

Increasing productivity is within reach for the innovators looking to push the boundaries of extended reality. Whether it's smartglasses, smart helmets or other headworn devices, DigiLens' 3rd generation of the Crystal30 waveguides allows for the natural integration of digital data to the physical world.



*All above values are rounded for summary purposes

Waveguide compatible with both Unpolarized (microLED/DLP) and Polarized (LCoS) projection engines.

Waveguide Specifications

FIELD-OF-VIEW

30° (DIAG); 26° (H) x 15° (V)

ANSI CONTRAST

>40:1

EYEBOX

12mm (H) x 10mm (V)

EFFICIENCY

UNPOLARIZED: >400 nits/lumen average ^{*1}

POLARIZED: >800 nits/lumen average ^{*1}

EYE GLOW

<8%

ORIENTATION

Landscape

TRANSPARENCY

>85%

EYE RELIEF

28mm ^{*2}

FOCUS DISTANCE

Infinity

Mechanical

THICKNESS

2.4mm

LAYERS

3 (R,G,B)

WAVEGUIDE TILT

0°

CONFIGURATION

Temple mounted

^{*1} Average of Field and Eyebbox

^{*2} Compatible with ophthalmic inserts and traditional glasses

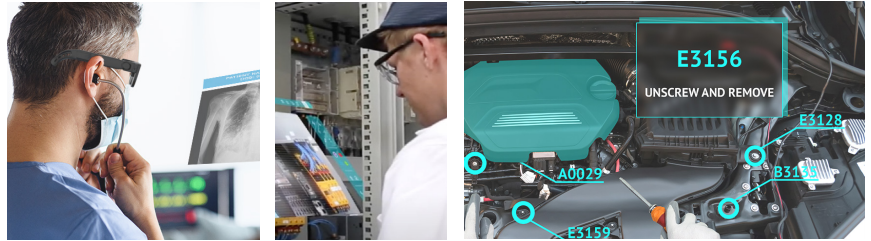
**Available
Now**

Crystal30 is the brightest and most efficient waveguide on the market. With the lowest measured eye glow, the waveguides are socially acceptable. Available in glass or plastic substrates, Crystal30 can support realistic volumes at a consumer price point.

Crystal30

3RD GENERATION

Waveguides for Next-Generation Computing and Enterprise Applications



See the Crystal30 waveguides in action with an Insight Kit.

Get yours today!



Shipping and storage case



User-side of display system and right panel controls



Box contents: Display system, waveguides and product manual



Top view of display system showing slots for swappable waveguides and left side binocular alignment screws

NOW SEEING IS BELIEVING

Contact sales@digilens.com for additional information