

## PROJECTION KIT CASE

The **Projection Kit Case** includes all the necessary components to experience the several benefits of LED structured light projection as an alternative to laser pattern generators.

Besides a LTPR white projection unit, three LED sources of different colours (R, G, B) are supplied; the sources can be easily interchanged by the user allowing for different colours projection.

Five different Chrome-on-Glass photolithography patterns featuring the most commonly projected geometries (line, cross, stripes, grid, edge) are included in the package: the user can easily change the pattern type by unscrewing the retaining ring on the projection unit and replacing the patterned glass.

4 OEPL lenses enable the projection of the patterns under different angles; the projection size and distance can thus be changed in order to fit specific imaging or 3D reconstruction needs.

A telecentric lens is included to show the peculiar performances provided by telecentric projection; this telecentric lens, as well as any other 2/3" MV lens, can be interfaced to the projection unit by means of the C-mount adaptor supplied in the kit.

# Structured light kit for machine vision laboratory



part number	PR-KIT
<b>Products Included</b>	<b>Description</b>
<b>LTPR3W/W</b>	White Light, 3W, Pattern Projector
Replacement Sources	
<b>LTSC3W/R</b>	3W RED Replacement Source
<b>LTSC3W/G</b>	3W GREEN Replacement Source
<b>LTSC3W/B</b>	3W BLUE Replacement Source
Patterns	
<b>PT00000100P</b>	Line Photolithography Pattern
<b>PT00000200P</b>	Cross Photolithography Pattern
<b>PT00000300P</b>	Stripe Photolithography Pattern
<b>PT00000400P</b>	Grid Photolithography Pattern
<b>PT00000500P</b>	Edge Photolithography Pattern
Projection Optics	
<b>TC2336</b>	Bi-telecentric lens for 45 mm projection dia.
<b>OEPL18</b>	Projection lens, 18°
<b>OEPL25</b>	Projection lens, 25°
<b>OEPL38</b>	Projection lens, 38°
<b>OEPL50</b>	Projection lens, 50°
<b>Mounting Tool Kit</b>	