

## POLARIZERS

FOR TPL VISION LED ILLUMINATIONS

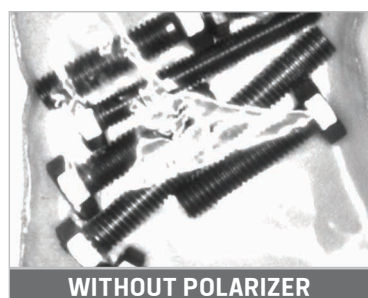
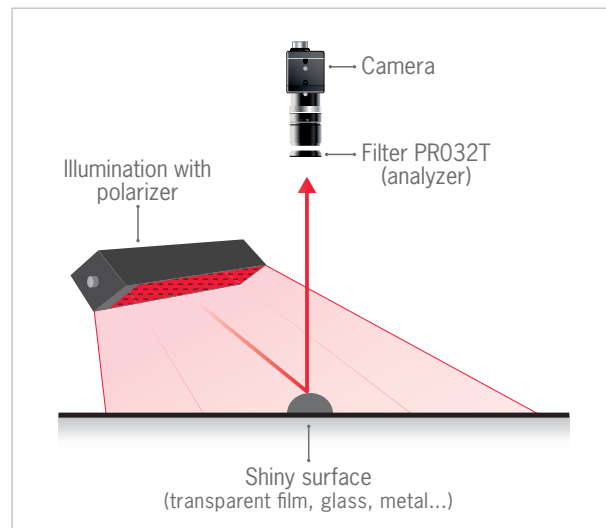
### THANKS TO THE POLARIZER FILM, DELETE ALL SHINY EFFECTS

Set between the LED and the diffuser, the polarizer helps to delete the reflection of the illumination on the workpieces to be controlled.

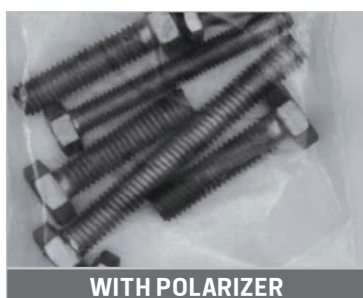
The camera, equipped with a polarizer filter PR032T, a.k.a analyzer, can then start the analysis of the parts, without being disturbed by shiny effects.

Polarizer films can be very useful for machine vision systems that process workpieces packed in transparent plastic bags.

The polarizer is available for the visible wavelengths, UV (>400nm) and IR (<900nm). They will reduce the lighting power by about 50%.



WITHOUT POLARIZER



WITH POLARIZER



### BAR RANGE



- ✓ Delete shiny effects,
- ✓ available in several dimensions,
- ✓ to be inserted under the enclosed transparent diffuser.

#### REFERENCE BUILDER

POLARIZER	BAR	DIMENSION
POL POLARIZER*		125
		250
		375
		500
		625
		750
		875
		1000
		1125
		1250
		1500
		1750

\* EXCEPT FOR IR 850

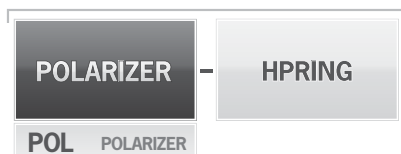
#### EXAMPLE :

Polarizer for bar 250 mm  
→ POL-BAR-250

## HPRING



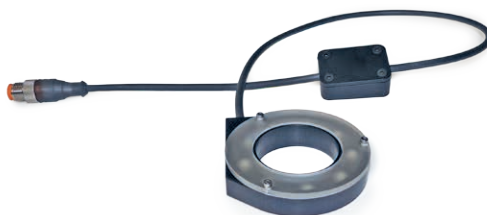
### REFERENCE BUILDER



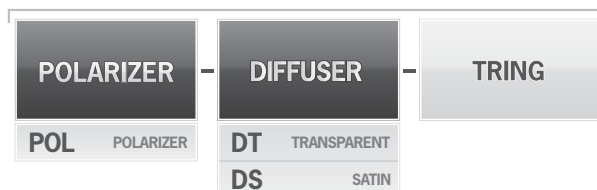
#### EXAMPLE :

Polarizer for HPRING  
⇒ **POL-HPRING**

## TRING & TINY'Z



### REFERENCE BUILDER



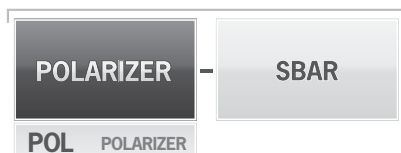
#### EXAMPLE :

Polarizer for TRING with satin diffuser  
⇒ **POL-DS-TRING**

## SBAR



### REFERENCE BUILDER



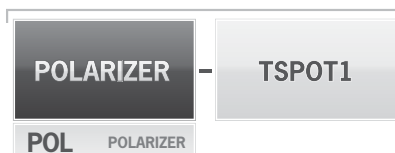
#### EXAMPLE :

Polarizer for SBAR  
⇒ **POL-SBAR**

## TSPOT1 & THINLED1



### REFERENCE BUILDER



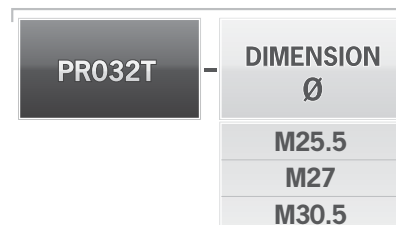
Polarizer for TSPOT1 ⇒ **POL-TSPOT1**

## FILTRES PR032T



Little screw to lock the polarizer after focus

### REFERENCE BUILDER



#### EXAMPLE :

Filter diameter 25.5mm ⇒ **PR032T-M25.5**

Features and presentations liable to modifications without prior notice. Ref.TS-100701-A5, 10/2022 Edition.

### TPL VISION UK

Brenchley House - School Road - Charing - Kent TN27 0JW - UK  
Tel. +44 (0)1738 310 392 - contact@tpl-vision.co.uk

[www.tpl-vision.com](http://www.tpl-vision.com)

**Diffusers**

