

Telecentric collimated light (TL series)

LS-TL series · Collimated lights · 6 models

Telecentric parallel light source with high uniform parallel light output and low distortion imaging, for industrial and scientific fields with high requirements on imaging quality and measurement accuracy.



Features

- High uniform parallel light output
- Low distortion imaging
- Compact structure design
- Anti reflection interference
- Customization: three colour RGB light, dimensions (length/width/height), power cable length and interface, control mode (manual / remote / equipment linkage), installation (screw fixation / buckle installation)

Applications

- Industrial and scientific fields with high requirements on imaging quality and measurement accuracy
- Use as telecentric back light opposite a telecentric lens

Colours

W	white
R	red
G	green
B	blue

Common specifications

Power	3 W
Voltage	5 V
LED type	SMD
Interface (default)	3PIN2 power interface
Power tolerance	actual product power within ±10% of the table is the normal range

Ordering code: LS-TL<light spot diameter (mm)>-<W/R/G/B light color: white/red/green/blue>

Models

Model	Outside diameter (mm)
LS-TL40-W/R/G/B colours: W, R, G, B	dia. 40
LS-TL60-W/R/G/B colours: W, R, G, B	dia. 60
LS-TL80-W/R/G/B colours: W, R, G, B	dia. 80
LS-TL100-W/R/G/B colours: W, R, G, B	dia. 100
LS-TL100-L90-W/R/G/B colours: W, R, G, B	dia. 100
LS-TL150-W/R/G/B colours: W, R, G, B	dia. 150

More values per model (Color, Power (W), Voltage (V)) are on each product page.

Dimensions

