

# Telecentric lens series, 2/3", C-mount (S25)

LS-TCL-S25 series · Telecentric lenses · 5 models

Working distance 132.9 mm; depth of field 12.2 mm. Rendered illustration: the actual product may differ in appearance.



## Common specifications

|                                 |                      |
|---------------------------------|----------------------|
| Sensor format                   | 2/3"                 |
| Mount                           | C-mount              |
| Distortion maximum (%)          | < 0.1                |
| Filter thread                   | No Filter Threads    |
| Installation location           | Indoor Use Only      |
| LED current                     | 350 mA               |
| Lens type                       | Telecentric          |
| Light color                     | Green                |
| Operating relative humidity (%) | 20-85 Non Condensing |
| Operating temperature range     | 0 to 40°C            |
| Power consumption maximum       | 2.5 Watts            |
| Pulse current maximum           | 2000 mA              |
| Storage temperature range       | 0 to 50°C            |
| Supply voltage                  | 12 - 24 Volts        |
| Working f/n                     | f/8                  |

## Models

| Model       | Magnification | Working distance | Depth of field | Dimensions approximate | Distortion typical (%) | FOV @ 1/1.8"     | Fov @ 1/2.0"     |
|-------------|---------------|------------------|----------------|------------------------|------------------------|------------------|------------------|
| LS-TCL-0386 | 0.184×        | 132.9 mm         | 12.2 mm        | 352 x 157 x 118 mm     | < 0.05                 | 38.75 x 28.97 mm | 34.78 x 26.09 mm |
| LS-TCL-0387 | 0.157×        | 157.8 mm         | 16.8 mm        | 424 x 167 x 122 mm     | < 0.03                 | 45.41 x 33.95 mm | 40.76 x 30.57 mm |
| LS-TCL-0388 | 0.138×        | 181.8 mm         | 21.7 mm        | 474 x 175 x 134 mm     | < 0.03                 | 51.67 x 38.62 mm | 46.38 x 34.78 mm |
| LS-TCL-0389 | 0.11×         | 226.7 mm         | 34.2 mm        | 578 x 193 x 162 mm     | < 0.02                 | 64.82 x 48.45 mm | 58.18 x 43.64 mm |
| LS-TCL-0390 | 0.093×        | 278.6 mm         | 47.9 mm        | 696 x 218 x 189 mm     | < 0.04                 | 76.67 x 57.31 mm | 68.82 x 51.61 mm |

More values per model (Fov @ 1/2.5", FOV @ 1/2", Fov @ 1/3.0", FOV @ 2/3", Image circle, Image size dimensions, LED voltage, LED voltage maximum, Resolution (pixel size), Telecentricity maximum, Telecentricity typical, Wavelength...) are on each product page.

## Product views

