

# PCHI012

Hole inspection optics for 1/2" detectors

## SPECIFICATIONS

Detector type		1/2"
Image circle Ø	(mm)	4.8

### Field of view (diameter x height) 1

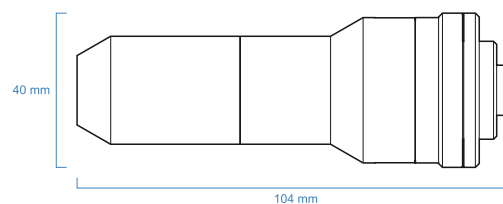
Minimum	(mm x mm)	10 x 10
Maximum	(mm x mm)	120 x 190

### Optical specifications

Wavelength range	(nm)	450 .. 650
Working distance	(mm)	5 .. 62
CTF @ 50 lp/mm	(%)	> 40
wF/# 2		5.8

### Mechanical specifications

Diameter	(mm)	28.0
Length	(mm)	104.0
Mass	(g)	250
Mount		C



## NOTES

1. Cameras with CS- to C-mount adapters, filters or protective windows in front of the sensor or other mechanical constraints in the C-mount can limit the focus range of PCHI0xx lenses. Contact us to check compatibility with your specific camera.
2. Working F-number (wF/#): the real F-number of a lens when used as a macro.

## COMPATIBLE PRODUCTS



<b>LTLAB2-R</b>	Diffusive strobed low angle ring light illuminator - medium size high power red
<b>LTLAB2-G</b>	Diffusive strobed low angle ring light illuminator - medium size high power green
<b>LTLAB2-W</b>	Diffusive strobed low angle ring light illuminator - medium size high power white



<b>LT2RZF070-60-2-W-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, white, 24V
<b>LT2RZF070-60-2-R-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, red, 24V
<b>LT2RZF070-60-2-G-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, green, 24V
<b>LT2RZF070-60-2-B-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, blue, 24V



<b>LTZZO130-75-3-W-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, white, 24V
<b>LTZZO130-75-3-R-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, red, 24V
<b>LTZZO130-75-3-G-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, green, 24V
<b>LTZZO130-75-3-B-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, blue, 24V



<b>LTRN075R45</b>	Ring LED illuminator, inner diameter 28 mm, oblique type, red 630 nm
<b>LTRN075G45</b>	Ring LED illuminator, inner diameter 28 mm, oblique type, green 525 nm
<b>LTRN075B45</b>	Ring LED illuminator, inner diameter 28 mm, oblique type, blue 470 nm
<b>LTRN075W45</b>	Ring LED illuminator, inner diameter 28 mm, oblique type, white



<b>LTZGK070-45-3-W-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, white, 24V
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<b>LZGK070-45-3-R-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, red, 24V
<b>LZGK070-45-3-G-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, green, 24V
<b>LZGK070-45-3-B-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, blue, 24V