

# LTCLHP023-W

Telecentric HP illuminator, beam diameter 16 mm, white

## Optical specifications

Beam diameter	(mm)	16
Working distance range	(mm)	45 ~ 90
Light color, peak wavelength		white

## Mechanical specifications

Length (1)	(mm)	96.8
Outer diameter	(mm)	28
Mass	(g)	156

## Electrical specifications

### Device power ratings

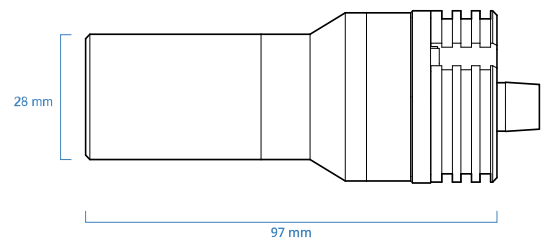
DC voltage minimum	(V)	12
DC voltage maximum	(V)	24
Power consumption	(W)	< 2.5
Max LED forward current (2)	(mA)	350

### LED power ratings

Forward voltage (typical) (3)	(V)	2.78
Forward voltage (max) (3)	(V)	n.a.
Max pulse current (4)	(mA)	2000

## Compatible telecentric lenses

Compatibility	TC2300x, TC23012, TC4M004, TC4M007, TC4M009
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## NOTES

1. Nominal value, with no spacers in place.
2. Used in continuous (not pulsed) mode.
3. At max forward current. Tolerance is  $\pm 0.06V$  on forward voltage measurements.
4. At pulse width  $\leq 10$  ms, duty cycle  $\leq 10\%$  condition. Built-in electronics board must be bypassed (see tech info).

## COMPATIBLE PRODUCTS



CMHO 023  
Clamping mechanics for TCxx004, 007, 009, 012 and LTCL023-X



LTSCHP 1W-W  
Replacement LED module, white



LED1W-W  
Replacement LED source for LTSCHP1W series, white



CB244P1500  
Power cable for LTSCHP1W LED modules