

LTCLHP023-R

Telecentric HP illuminator, beam diameter 16 mm, red

Optical specifications

Beam diameter	(mm)	16
Working distance range	(mm)	45 ~ 90
Light color, peak wavelength		red, 630 nm

Mechanical specifications

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

Electrical specifications

Device power ratings

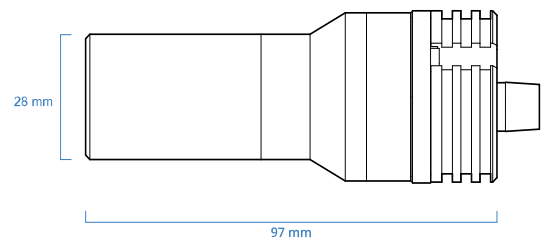
DC voltage minimum	(V)	12
DC voltage maximum	(V)	24
Power consumption	(W)	< 2.5
Max LED forward current (2)	(mA)	350

LED power ratings

Forward voltage (typical) (3)	(V)	2.4
Forward voltage (max) (3)	(V)	3.00
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 ≤ 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-R
Replacement LED module, red



LED1W-R
Replacement LED source for
LTSCHP1W series, red



CB244P1500
Power cable for LTSCHP1W LED
modules