

# LTCLHP064-B

Telecentric HP illuminator, beam diameter 80 mm, blue

## Optical specifications

Beam diameter	(mm)	80
Working distance range	(mm)	120 ~ 240
Light color, peak wavelength		blue, 460 nm

## Mechanical specifications

Length (1)	(mm)	231.6
Outer diameter	(mm)	100
Mass	(g)	913

## Electrical specifications

### Device power ratings

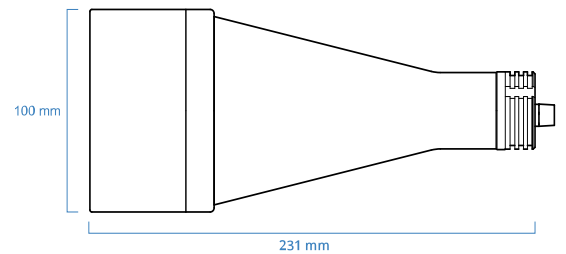
DC voltage minimum	(V)	12
DC voltage maximum	(V)	24
Power consumption	(W)	< 2.5
Max LED forward current (2)	(mA)	350

### LED power ratings

Forward voltage (typical) (3)	(V)	3.3
Forward voltage (max) (3)	(V)	4.00
Max pulse current (4)	(mA)	2000

## Compatible telecentric lenses

Compatibility	TC13064, TC12064, TC23064, TC13064, TC2M064, TC4M064, TC16M064, TC12K064
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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 064**  
Clamping mechanics for TCxx064 lenses and LTCL064-X illuminators



**LTSCHP 1W-B**  
Replacement LED module, blue



**LED1W-B**  
Replacement LED source for LTSCHP1W series, blue



**CB244P1500**  
Power cable for LTSCHP1W LED modules