

# LTCLHP048-W

Telecentric HP illuminator, beam diameter 60 mm, white

## Optical specifications

Beam diameter	(mm)	60
Working distance range	(mm)	90 ~ 180
Light color, peak wavelength		white

## Mechanical specifications

Length (1)	(mm)	187.2
Outer diameter	(mm)	75
Mass	(g)	585

## Electrical specifications

### Device power ratings

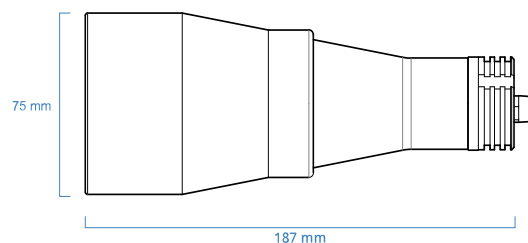
DC voltage minimum	(V)	12
DC voltage maximum	(V)	24
Power consumption	(W)	< 2.5
Max LED forward current (2)	(mA)	350

### 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	TC13048, TC12048, TC23048, TC13048, TC2M048, TC4M048, TC16M048
---------------	--



## 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 048  
Clamping mechanics for TCx048 lenses and LTCL048-X illuminators



LTSCHP 1W-W  
Replacement LED module, white



LED1W-W  
Replacement LED source for LTSCHP1W series, white



CB244P1500  
Power cable for LTSCHP1W LED modules