

LTCLHP036-B

Telecentric HP illuminator, beam diameter 45 mm, blue

Optical specifications

Beam diameter	(mm)	45
Working distance range	(mm)	70 ~ 140
Light color, peak wavelength		blue, 460 nm

Mechanical specifications

Length (1)	(mm)	152.1
Outer diameter	(mm)	61
Mass	(g)	398

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

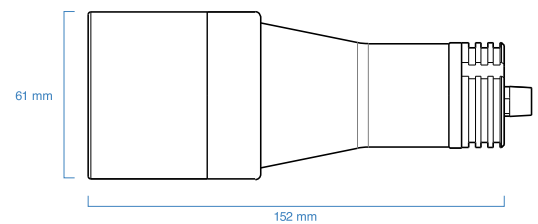
Forward voltage (typical) (3)	(V)	3.3
Forward voltage (max) (3)	(V)	4.00
Max pulse current (4)	(mA)	2000

Compatible telecentric lenses

Compatibility	TC13036, TC12036, TC23036, TC13036, TC2M036, TC4M036, TC16M036
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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 036
Clamping mechanics for TCx036 lenses and LTCL036-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