

LTCLHP048-R

Telecentric HP illuminator, beam diameter 60 mm, red

Optical specifications

Beam diameter	(mm)	60
Working distance range	(mm)	90 ~ 180
Light color, peak wavelength		red, 630 nm

Mechanical specifications

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

Electrical specifications

Device power ratings

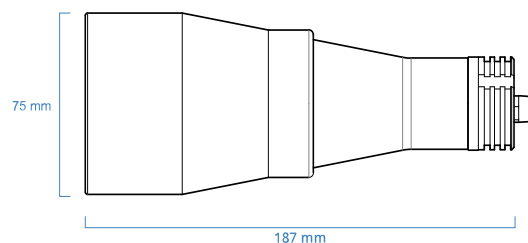
DC voltage minimum	(V)	12
DC voltage maximum	(V)	24
Power consumption	(W)	< 2.5
Max LED forward current (2)	(mA)	350

LED power ratings

Forward voltage (typical) (3)	(V)	2.4
Forward voltage (max) (3)	(V)	3.00
Max pulse current (4)	(mA)	2000

Compatible telecentric lenses

Compatibility	TC13048, TC12048, TC23048, TC13048, TC2M048, TC4M048, TC16M048
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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 048
Clamping mechanics for TCxx048 lenses and LTCL048-X illuminators



LTSCHP 1W-R
Replacement LED module, red



LED1W-R
Replacement LED source for LTSCHP1W series, red



CB244P1500
Power cable for LTSCHP1W LED modules