

LTCLHP016-G

Telecentric HP illuminator, beam diameter 20 mm, green

Optical specifications

| | | |
|------------------------------|------|---------------|
| Beam diameter | (mm) | 20 |
| Working distance range | (mm) | 35 ~ 70 |
| Light color, peak wavelength | | green, 520 nm |

Mechanical specifications

| | | |
|----------------|------|------|
| Length (1) | (mm) | 99.9 |
| Outer diameter | (mm) | 38 |
| Mass | (g) | 195 |

Electrical specifications

Device power ratings

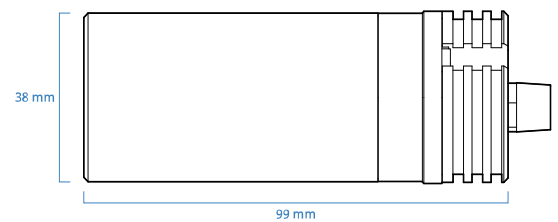
| | | |
|-----------------------------|------|-------|
| DC voltage minimum | (V) | 12 |
| DC voltage maximum | (V) | 24 |
| Power consumption | (W) | < 2.5 |
| Max LED forward current (2) | (mA) | 350 |

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 | TC12016, TC23016, TC4M016-X, TC2M016-X |
|---------------|----------------------------------------|



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 016
Clamping mechanics for TCxx016 lenses and LTCL016-X illuminators



LTSCHP 1W-G
Replacement LED module, green



LED1W-G
Replacement LED source for LTSCHP1W series, green



CB244P1500
Power cable for LTSCHP1W LED modules